

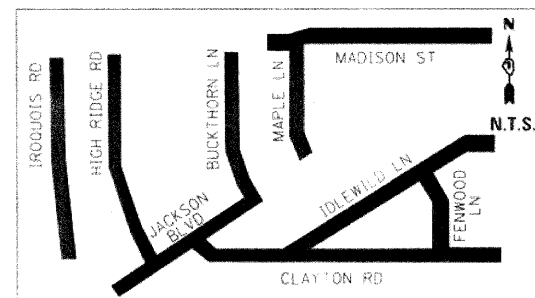
FOR INDEX OF SHEETS, SEE SHEET NO. 02

DESIGN DESIGNATIONS

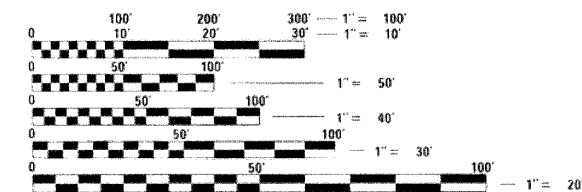
ALIGNMENT	CLASSIFICATION	DESIGN SPEED	POSTED SPEED	ADT (YEAR)
BUCKTHORN LN	LOCAL STREET	25 MPH	20 MPH	360 (2009)
HIGH RIDGE RD	LOCAL STREET	25 MPH	20 MPH	400 (2009)
JACKSON BLVD	LOCAL STREET	25 MPH	20 MPH	2400 (2009)
ELM ST	LOCAL STREET	25 MPH	20 MPH	60 (2009)
N. RAILROAD AVE	LOCAL STREET	25 MPH	20 MPH	270 (2009)
LAVERNE AVE	LOCAL STREET	25 MPH	20 MPH	120 (2009)
HAWTHORNE AVE	LOCAL STREET	25 MPH	20 MPH	2900 (2009)
MORRIS AVE	LOCAL STREET	25 MPH	20 MPH	160 (2009)
ASHBEL AVE	LOCAL STREET	25 MPH	20 MPH	160 (2009)
HOWARD AVE	LOCAL STREET	25 MPH	20 MPH	240 (2009)
VAN BUREN ST	LOCAL STREET	25 MPH	20 MPH	287 (2009)
IROQUOIS RD	LOCAL STREET	25 MPH	20 MPH	240 (2009)
CLAYTON LN	LOCAL STREET	25 MPH	20 MPH	320 (2009)
IDLEWILD LN	LOCAL STREET	25 MPH	20 MPH	600 (2009)
FENWOOD LN	LOCAL STREET	25 MPH	20 MPH	80 (2009)
IRVING AVE (N)	LOCAL STREET	25 MPH	20 MPH	460 (2009)
IRVING AVE (S)	LOCAL STREET	25 MPH	20 MPH	400 (2009)
MAPLE LN	LOCAL STREET	25 MPH	20 MPH	160 (2009)
MADISON ST	LOCAL STREET	25 MPH	20 MPH	240 (2009)

TABLE OF CONSTRUCTION LIMITS

ALIGNMENT	BEGIN STA.	END STA.
BUCKTHORN LN	600+13	608+48
HIGH RIDGE RD	500+13	511+92
JACKSON BLVD	900+42	908+31
ELM ST	1300+13	1303+28
N. RAILROAD AVE	1500+70	1511+14
LAVERNE AVE	1400+13	1405+36
HAWTHORNE AVE	100+00	135+21
MORRIS AVE	200+00	203+76
ASHBEL AVE	1700+00	1706+32
HOWARD AVE	1800+00	1808+82
VAN BUREN ST	1600+00	1611+38
IROQUOIS RD	400+00	411+32
CLAYTON LN	1100+12	1115+77
IDLEWILD LN	1000+25	1013+08
FENWOOD LN	1200+13	1204+61
IRVING AVE (N)	300+08	320+97
IRVING AVE (S)	1900+00	1909+26
MAPLE LN	700+00	706+60
MADISON ST	800+00	812+11



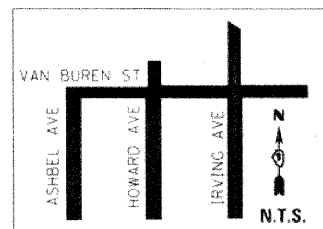
DETAIL A



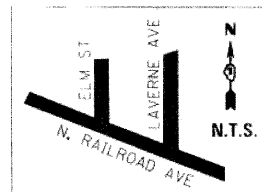
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

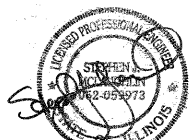
PROJECT ENGINEER: Stephen J. McLaughlin, P.E.
PROJECT MANAGER: John W. Nelson, P.E.
CONTRACT NO.: 63414



DETAIL B



DETAIL C



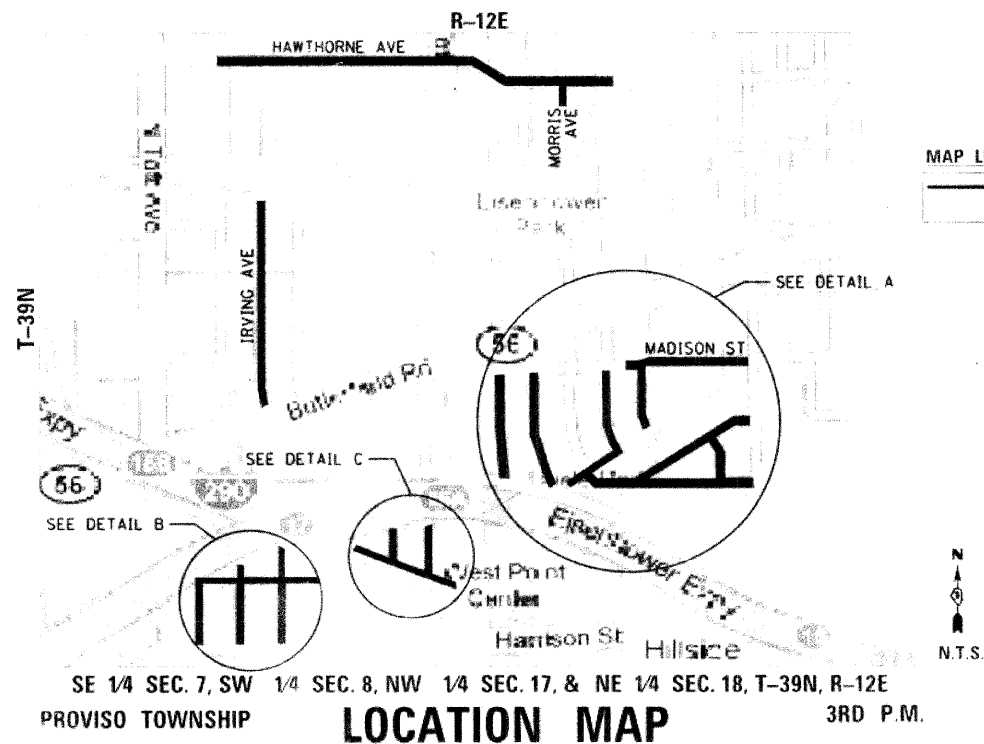
11/30/2009
CWR 11/30/2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

BUCKTHORN LANE, HIGH RIDGE ROAD, JACKSON BOULEVARD,
ELM STREET, NORTH RAILROAD AVENUE, LAVERNE AVENUE,
HAWTHORNE AVENUE, MORRIS AVENUE, ASHBEL AVENUE,
HOWARD AVENUE, VAN BUREN STREET, IROQUOIS ROAD,
CLAYTON ROAD, IDLEWILD LANE, FENWOOD LANE,
IRVING AVENUE, MAPLE LANE, & MADISON STREET
RESURFACING

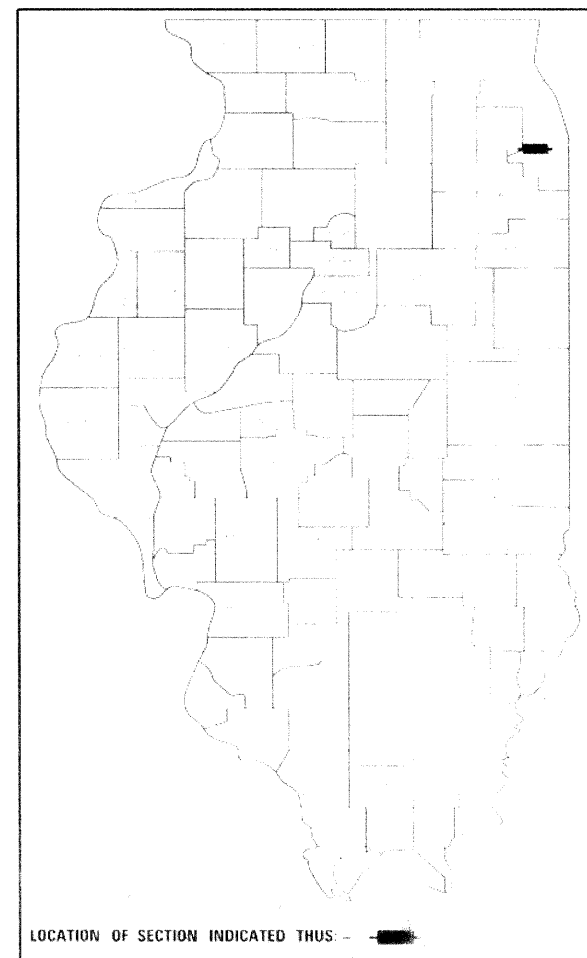
SECTION NO. 09-00046-00-RS
PROJECT NO. HPP-2421(002)
JOB NO. C-91-041-10
VILLAGE OF HILLSIDE
COOK COUNTY



GROSS LENGTH = 22,195 FT. = 4.20 MILE
NET LENGTH = 19,186 FT. = 3.63 MILE

F.A. SECTION COUNTY TOTAL SHEET
RTE. 09-00046-00-RS COOK 30
ILLINOIS CONTRACT NO. 63414

COOK COUNTY



LOCATION OF SECTION INDICATED THUS: —

MAP LEGEND

— LIMITS OF RESURFACING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED November 29, 20 2009
James B. P.
VILLAGE OF HILLSIDE, DIRECTOR OF PUBLIC WORKS

PASSED DECEMBER 3, 20 09
Charles H. Chesophalet
DISTRICT ENGINEER OF LOCAL ROAD & STREETS

RELEASED FOR BID
BASED ON LIMITED REVIEW
December 3, 20 09
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS REGION ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



FIELD ENGINEER: MARILIN SOLOMON 847-705-4407

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT (800)892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
 - THE CONTRACTOR SHALL NOTIFY MR. JOSEPH PISANO (708) 202-3434 AT THE VILLAGE OF HILLSIDE A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
 - EXACT LOCATIONS FOR PAVEMENT REMOVAL SHALL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AT THE TIME OF CONSTRUCTION.
 - NO DRIVEWAY WILL BE PERMITTED TO BE CLOSED DURING CONSTRUCTION.
 - CENTERLINES ARE APPROXIMATE AND SHALL BE USED FOR LOCAL REFERENCE ONLY.
 - THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE BASE REPAIR OPERATIONS AFTER THE HOT-MIX ASPHALT SURFACE REMOVAL.
 - THE CONTRACTOR IS REQUIRED TO PROVIDE ACCESS TO RESIDENTIAL AND COMMERCIAL DRIVES THROUGHOUT PROJECT DURATION. THE CONTRACTOR IS RESPONSIBLE FOR GIVING AT LEAST 24 HOURS NOTICE TO RESIDENTS WHEN CONSTRUCTION WILL (OR POTENTIALLY) AFFECT ANY RESIDENT DUE TO CONSTRUCTION BEING PERFORMED.
 - NO STOCKPILING OF MATERIAL ON THE JOB SITE IS PERMITTED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS OR RESTORATION TO ITEMS DAMAGED BY CONSTRUCTION OR CONSTRUCTION EQUIPMENT AT NO ADDITIONAL COST TO THE CONTRACT. THE DAMAGED AREAS SHALL BE RESTORED TO THE SATISFACTION OF THE VILLAGE OF HILLSIDE AND THE FIELD ENGINEER. ALL RESTORATION WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
 - ALL WORK PERFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.
 - THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND LOOSE MATERIALS FROM THE ROADWAY AND ADJACENT AREAS AT THE CLOSE OF EACH WORKING DAY TO SATISFACTION OF THE FIELD ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT AND NO ADDITIONAL PAYMENT SHALL BE MADE.
 - NO ROAD, DRIVEWAY, ACCESS, ALLEY, OR PARKING LOT SHALL BE CLOSED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC MOVEMENT AND ACCESS FOR ALL PUBLIC VEHICLES DURING CONSTRUCTION. ALL ROADS SHALL REMAIN OPEN AT ALL TIMES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY UTILITY CAUSED BY CONSTRUCTION ACTIVITIES. SHOULD ANY DAMAGES OCCUR, THE CONTRACTOR SHALL NOTIFY THE FIELD ENGINEER, THE VILLAGE OF HILLSIDE, AND THE UTILITY OWNER IMMEDIATELY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DELAYS, REPAIR COSTS, AND ANY OTHER FEES ASSOCIATED WITH THE REPAIR OF THE UTILITY. THIS WORK IS NOT INCLUDED IN THIS CONTRACT AND NO PAYMENT SHALL BE MADE.
 - PROPOSED PAVEMENT MARKINGS SHALL BE LOCATED BY THE FIELD ENGINEER AFTER PAVING. ALL PAVEMENT STRIPING SHALL CONFORM TO THE APPLICABLE STANDARDS, SPECIFICATIONS, AND MANUALS.
- FOR BIDDING PURPOSES, THE PROPOSED PAVEMENT MARKINGS SHALL BE:
- STOP BAR = SOLID WHITE LINE (24")
 - CROSS WALK LINE = SOLID WHITE LINE (6")
 - HYDRANT TEE PAVEMENT MARKING = SOLID YELLOW (8")
(SEE DETAIL SHOWN IN THESE PLANS)
- THE PROPOSED LOCATIONS FOR "AGGREGATE BASE REPAIR (SPECIAL)" ARE NOT SHOWN ON THESE PLANS FOR CLARITY. ALL AREAS TO BE REPAIRED SHALL BE LOCATED IN THE FIELD, AFTER MILLING OPERATIONS, BY THE FIELD ENGINEER. ONLY AREAS LOCATED BY THE FIELD ENGINEER SHALL BE REPAIRED AND MEASURED FOR PAYMENT IN ACCORDANCE WITH THE APPLICABLE STANDARDS, SPECIFICATIONS, AND SPECIAL PROVISIONS. THE CONTRACTOR SHALL PERFORM THE REPAIR OPERATIONS TO THE DEPTH INDICATED ON THE TYPICAL SECTIONS WITHIN THIS PLAN SET.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AREAS DISTURBED OR DAMAGED DURING THE REPAIR OPERATIONS THAT ARE OUTSIDE OF THE PROPOSED REPAIR LIMITS AND DEPTHS. THE CONTRACTOR SHALL REPAIR THESE AREAS WITH LIKE MATERIALS AT NO ADDITIONAL COST TO THE CONTRACT. NO PAYMENTS SHALL BE MADE FOR THE WORK REQUIRED TO REPAIR DAMAGED OR DISTURBED AREAS OUTSIDE OF THE LOCATED REPAIR LIMITS OR BEYOND THE DEPTH INDICATED IN THESE PLANS.
 - PAY ITEM 70102640: TRAFFIC CONTROL AND PROTECTION, STANDARD 701801-04 SHALL BE USED ONLY FOR SIDEWALK CLOSURES.

INDEX OF SHEETS

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- GENERAL NOTES, INDEX, STANDARDS LIST, & SUMMARY OF QUANTITIES
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- TYPICAL SECTIONS: HAWTHORNE AVE, MORRIS AVE, ELM ST, LAVERNE AVE, & NORTH RAILROAD AVE
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- ASHBEL AVENUE, HOWARD AVENUE, IRVING AVENUE, HILLSIDE AVENUE, & VAN BUREN STREET
- NORTH RAILROAD AVENUE, ELM STREET, & LAVERNE AVENUE
- IROQUOIS ROAD & MISCELLANEOUS DETAILS
- PAVEMENT MARKING PLAN - HAWTHORNE AVENUE
- PAVEMENT MARKING PLAN - HAWTHORNE AVENUE (CONT) & MORRIS AVENUE
- PAVEMENT MARKING PLAN - IRVING AVENUE (NORTH)
- PAVEMENT MARKING PLAN - MADISON STREET & MAPLE LANE
- PAVEMENT MARKING PLAN - CLAYTON ROAD, IDLEWILD LANE, & FENWOOD LANE
- PAVEMENT MARKING PLAN - HIGH RIDGE ROAD, BUCKTHORN LANE, & JACKSON BOULEVARD
- PAVEMENT MARKING PLAN - ASHBEL AVENUE, HOWARD AVENUE, IRVING AVENUE, & VAN BUREN STREET
- PAVEMENT MARKING PLAN - NORTH RAILROAD AVENUE, ELM STREET, & LAVERNE AVENUE
- PAVEMENT MARKING PLAN - IROQUOIS ROAD & HYDRANT TEE MARKING DETAIL
- (TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- (TC-13) TYPICAL PAVEMENT MARKINGS
- (BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- (BD-32) BUTT JOINT AND HMA TAPER DETAILS

IDOT STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-05 CURB RAMPS FOR SIDEWALKS
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701501-05 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701801-04 LANE CLOSURE MULTILANE 1W OR 2W OR SIDEWALK CLOSURE
- 701901-01 TRAFFIC CONTROL DEVICES

GENERAL SPECIFICATIONS

THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF THE FOLLOWING:

"STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2010.

"HIGHWAY STANDARDS" ILLINOIS DEPARTMENT OF TRANSPORTATION.

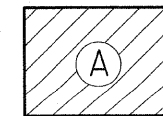
"MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2003 EDITION, REVISIONS 1 & 2.

SUMMARY OF QUANTITIES

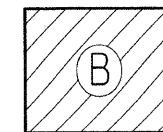
SPECIAL PROVISION	PAY ITEM	DESCRIPTION	UNIT	CONST. CODE I-000	TOTAL QUANTITY
	25200110	SODDING, SALT TOLERANT	SQ YD	3	
X	35800300	AGGREGATE BASE REPAIR (SPECIAL)	TON	2,000	
	40600100	BITUMINOUS MATERIAL (PRIME COAT)	GALLON	45,250	
	40600300	AGGREGATE (PRIME COAT)	TON	280	
	40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	4,790	
	40600895	CONSTRUCTING TEST STRIP	EACH	1	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	700	
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,390	
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	4,755	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	1,825	
	42400800	DETECTABLE WARNINGS	SQ FT	584	
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	15,590	
	44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	31,050	
	44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	9,925	
	44000600	SIDEWALK REMOVAL	SQ FT	1,825	
X	44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	340	
X	60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	15	
	67100100	MOBILIZATION	L SUM	1	
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,618	
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	770	
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	600	

* SPECIALTY ITEMS

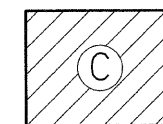
LEGEND



ITEMS:
HOT-MIX ASPHALT SURFACE REMOVAL, 3"
BITUMINOUS MATERIALS (PRIME COAT),
AGGREGATE (PRIME COAT),
LEVELING BINDER (MACHINE METHOD), N50, 1 1/2"
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"



ITEMS:
HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
BITUMINOUS MATERIALS (PRIME COAT),
AGGREGATE (PRIME COAT),
LEVELING BINDER (MACHINE METHOD), N50, 2"
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"



ITEMS:
HOT-MIX ASPHALT SURFACE REMOVAL, 4"
BITUMINOUS MATERIALS (PRIME COAT),
AGGREGATE (PRIME COAT),
HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/2"
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"



ITEMS:
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT



ITEMS:
SIDEWALK REMOVAL,
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT,
PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH,
DETECTABLE WARNINGS



ITEMS:
SIDEWALK REMOVAL,
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
SODDING, SALT TOLERANT

40600982HOT-MIX SURFACE REMOVAL, BUTT-JOINT				
ALIGNMENT	STATION	LENGTH (FT)	WIDTH (FT)	SQ YD
HAWTHORNE AVENUE	100+00	4.5	25	12.5
	120+05	4.5	94	47
	120+54	4.5	94	47
	135+16	4.5	25	12.5
MORRIS AVENUE	200+00	4.5	25	12.5
IRVING AVENUE	300+08	4.5	25	12.5
	302+95	4.5	25	12.5
	302+95	4.5	25	12.5
	309+90	4.5	25	12.5
	309+90	4.5	25	12.5
	313+90	4.5	25	12.5
	320+92	4.5	25	12.5
MADISON STREET	800+00	4.5	25	12.5
MAPLE LANE	700+00	4.5	68	34
CLAYTON ROAD	1115+72	4.5	46	23
IDLEWILD LANE	1013+03	4.5	66	33
HIGH RIDGE ROAD	511+87	4.5	67	33.5
BUCKTHORN LANE	608+43	4.5	51	25.5
JACKSON BOULEVARD	900+42	4.5	25	12.5
	908+26	4.5	25	12.5
IROQUOIS ROAD	400+00	4.5	83	41.5
	411+27	4.5	66	33
NORTH RAILROAD AVENUE	1500+70	4.5	22	11
	1511+09	4.5	50	25
ELM STREET	1303+23	4.5	25	12.5
LAVERNE AVENUE	1405+31	4.5	51	25.5
VAN BUREN STREET	1611+33	4.5	57	28.5
ASHBEL AVENUE	1700+00	4.5	67	33.5
HOWARD AVENUE	1800+00	4.5	67	33.5
IRVING AVENUE (SOUTH)	1900+00	4.5	52	26
	1909+21	4.5	25	12.5
TOTAL:				700 (SQ YD)

44000600 SIDEWALK REMOVAL, 42400200 PORTLAND CEMENT CONCRETE SIDEWALK, 5", 42400800 DETECTIBLE WARNINGS						
REMOVAL & P.C.C. SIDEWALK					DETECTIBLE WARNINGS	
ALIGNMENT	STATION	LT/RT	SQ FT	SQ FT	SQ FT	
HAWTHORNE AVENUE	101+13	RT	25	8		
	101+67	RT	25	8		
	104+00	RT	25	8		
	104+54	RT	25	8		
	106+80	LT	25	8		
	107+35	LT	25	8		
	107+95	RT	25	8		
	108+40	RT	25	8		
	119+99	RT	25	8		
	120+01	LT	25	8		
	120+07	LT	25	8		
	120+69	LT	25	8		
	120+77	LT	25	8		
	120+77	RT	25	8		
	IRVING AVENUE	300+16	LT	25	8	
		300+16	RT	25	8	
302+40		RT	25	8		
302+52		LT	25	8		
302+63		RT	25	8		
302+79		LT	25	8		
303+13		RT	25	8		
303+13		LT	25	8		
303+41		LT	25	8		
303+41		RT	25	8		
309+58		LT	25	8		
309+58		RT	25	8		
309+70		LT	25	8		
309+70		RT	25	8		
310+08		LT	25	8		
310+08		RT	25	8		
310+19	LT	25	8			
310+19	RT	25	8			
320+78	RT	25	8			
320+81	LT	25	8			
HIGH RIDGE ROAD	500+25	LT	25	8		
IROQUOIS ROAD	400+00	RT	25	8		
	400+17	LT	25	8		
NORTH RAILROAD AVENUE	1503+62	LT	25	8		
	1504+26	LT	25	8		
	1507+22	LT	25	8		
	1507+89	LT	25	8		
	1510+94	LT	100	32		
	1511+05	RT	25	8		
ELM STREET	1300+21	RT	25	8		
	1300+36	LT	25	8		
LAVERNE AVENUE	1400+21	RT	25	8		
	1400+37	LT	25	8		
	1405+25	LT	100	32		
	1405+31	RT	25	8		
VAN BUREN STREET	1600+53	RT	25	8		
	1603+76	LT	25	8		
	1603+76	RT	25	8		
	1604+35	LT	25	8		
	1604+35	RT	25	8		
	1607+57	LT	25	8		
	1607+57	RT	25	8		
	1608+16	LT	25	8		
	1608+16	RT	25	8		
	1611+32	LT	25	8		
1611+32	RT	25	8			
ASHBEL AVENUE	1700+20	LT	25	8		
	1700+20	RT	25	8		
HOWARD AVENUE	1800+20	LT	25	8		
	1800+20	RT	25	8		
IRVING AVENUE (SOUTH)	1900+16	LT	25	8		
	1900+16	RT	25	8		
REMOVAL ONLY						
HAWTHORNE AVE	119+84	RT	25			
P.C.C. SIDEWALK (NO REMOVAL)						
HAWTHORNE AVE	120+00	RT	25	8		
TOTAL:				1825 (SQ FT)	584 (SQ FT)	

25200110 SODDING, SALT TOLERANT			
ALIGNMENT	STATION	LT/RT	SQ YD
HAWTHORNE AVE	119+84	RT	3
TOTAL:			3 (SQ YD)

60300310 FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)		
ALIGNMENT	STATION	QUANTITY
HAWTHORNE AVENUE	101+40	1
	104+40	1
IRVING AVENUE (NORTH)	303+00	1
	309+75	1
IROQUOIS ROAD	411+05	1
MADISON STREET	800+11	1
JACKSON BOULEVARD	904+65	1
ELM STREET	1300+20	1
LAVERNE AVENUE	1400+20	1
ASHBEL AVENUE	1700+20	1
HOWARD AVENUE	1800+20	1
IRVING AVENUE (SOUTH)	1900+20	1
VANBUREN	1600+15	1
	1604+00	1
	1607+90	1
TOTAL:		15 (EACH)

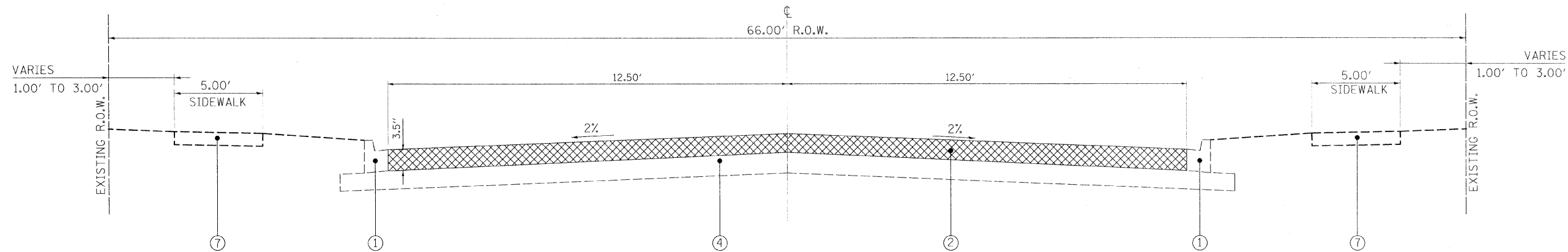
4401700 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT			
ALIGNMENT	STATION	LT/RT	FEET
HAWTHORNE AVENUE	101+13	RT	5
	101+67	RT	5
	104+00	RT	5
	104+54	RT	5
	106+80	LT	5
	107+35	LT	5
	107+95	RT	5
	108+40	RT	5
	119+84	RT	5
	119+99	RT	10
	120+01	LT	5
	120+07	LT	5
	120+69	LT	5
	120+77	LT	5
120+77	RT	5	
IRVING AVENUE	300+16	LT	5
	300+16	RT	5
	302+40	RT	5
	302+52	LT	5
	302+63	RT	5
	302+79	LT	5
	303+13	RT	5
	303+13	LT	5
	303+41	LT	5
	303+41	RT	5
	309+58	LT	5
	309+58	RT	5
	309+70	LT	5
	309+70	RT	5
310+08	LT	5	
310+08	RT	5	
310+19	LT	5	
310+19	RT	5	
320+78	RT	5	
320+81	LT	5	
HIGH RIDGE ROAD	500+25	LT	5
IROQUOIS ROAD	400+00	RT	5
	400+17	LT	5
NORTH RAILROAD AVENUE	1503+62	LT	5
	1504+26	LT	5
	1507+22	LT	5
	1507+89	LT	5
	1510+94	LT	5
1511+05	RT	5	
ELM STREET	1300+21	RT	5
	1300+36	LT	5
LAVERNE AVENUE	1400+21	RT	5
	1400+37	LT	5
	1405+25	LT	5
	1405+31	RT	5
VAN BUREN STREET	1600+53	RT	5
	1603+76	LT	5
	1603+76	RT	5
	1604+35	LT	5
	1604+35	RT	5
	1607+57	LT	5
	1607+57	RT	5
	1608+16	LT	5
1608+16	RT	5	
1611+32	LT	5	
1611+32	RT	5	
ASHBEL AVENUE	1700+20	LT	5
	1700+20	RT	5
HOWARD AVENUE	1800+20	LT	5
	1800+20	RT	5
IRVING AVENUE (SOUTH)	1900+16	LT	5
	1900+16	RT	5
TOTAL:			340 (FEET)

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 8"			
ALIGNMENT	STATION	LT/RT	TOTAL FT PER DETAIL
HAWTHORNE AVENUE	106+50	RT	16
	109+00	RT	16
	127+50	RT	16
	131+00	RT	16
	132+50	RT	16
MORRIS AVENUE	203+50	LT	16
IRVING AVENUE	304+00	LT	16
	307+00	LT	16
	310+50	LT	16
	313+50	LT	16
	317+00	LT	16
MAPLE LANE	700+50	LT	16
	702+00	LT	16
	704+00	LT	16
CLAYTON ROAD	1107+00	RT	16
	1109+00	RT	16
	1112+00	RT	16
	1115+00	RT	16
IDLEWILD LANE	1000+00	LT	16
	1006+00	LT	16
	1010+00	LT	16
FENWOOD LANE	1203+00	RT	16
HIGH RIDGE ROAD	500+50	LT	16
	503+50	LT	16
	506+00	LT	16
	510+00	LT	16
BUCKTHORN LANE	600+50	LT	16
	603+50	LT	16
	606+00	LT	16
IROQUOIS ROAD	402+00	LT	16
	405+00	LT	16
	407+50	LT	16
ELM STREET	1300+50	LT	16
	1303+00	LT	16
LAVERNE AVENUE	1400+50	LT	16
	1403+00	LT	16
ASHBEL AVENUE	1700+50	LT	16
	1703+00	LT	16
	1706+00	LT	16
HOWARD AVENUE	1800+50	LT	16
	1803+00	LT	16
	1806+00	LT	16
	1808+50	LT	16
IRVING AVENUE (SOUTH)	1900+50	LT	16
	1903+00	LT	16
	1906+00	LT	16
	1909+00	LT	16
TOTAL:			770 (FEET)

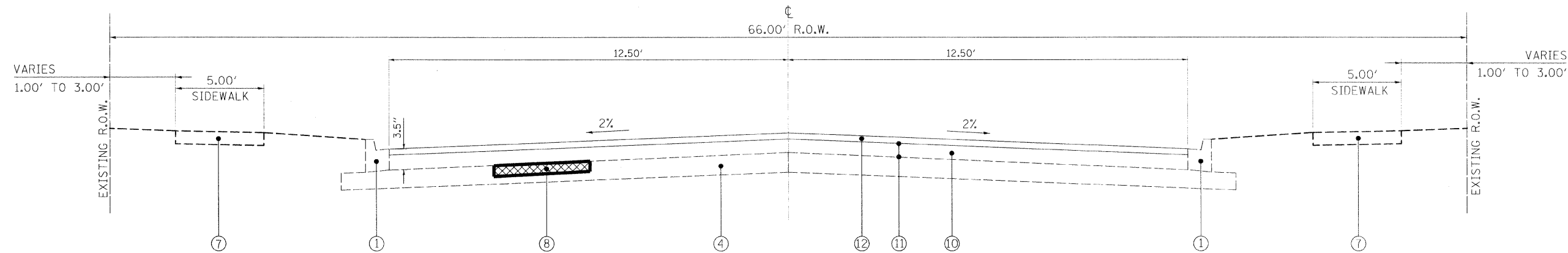
78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"				
ALIGNMENT	STATION	LT/RT	LENGTH	
HAWTHORNE AVENUE	106+67	RT	12	
	107+46	LT	12	
	119+79	RT	12	
	120+91	LT	12	
	131+36	RT	12	
	132+10	LT	12	
	134+90	RT	12	
	MORRIS AVENUE	203+58	RT	12
IRVING AVENUE	300+23	LT	12	
	302+36	RT	12	
	302+81	LT	12	
	302+96	RT	12	
	303+28	LT	12	
	309+50	RT	12	
	309+76	LT	12	
	309+90	RT	12	
	310+24	LT	12	
	313+95	RT	12	
	314+66	LT	12	
	320+73	RT	12	
	MADISON STREET	800+86	LT	12
		806+70	RT	12
807+40		LT	12	
810+05		RT	12	
MAPLE LANE	700+16	LT	12	
	706+47	RT	12	
CLAYTON ROAD	1100+42	LT	12	
	1103+76	RT	12	
	1105+43	LT	12	
IDLEWILD LANE	1000+76	LT	12	
	1012+83	RT	12	
HIGH RIDGE ROAD	500+32	LT	12	
	511+92	RT	12	
BUCKTHORN LANE	600+30	LT	12	
	608+21	RT	12	
JACKSON BOULEVARD	904+32	RT	12	
	905+04	LT	12	
IROQUOIS ROAD	400+28	LT	12	
	411+11	RT	12	
NORTH RAILROAD AVENUE	1510+94	RT	12	
VAN BUREN STREET	1603+69	RT	12	
	1604+45	LT	12	
	1607+50	RT	12	
	1608+22	LT	12	
	1611+25	RT	12	
ASHBEL AVENUE	1700+28	LT	12	
HOWARD AVENUE	1800+29	LT	12	
IRVING AVENUE (SOUTH)	1900+22	LT	12	
	1906+11	RT	12	
	1906+70	LT	12	
TOTAL:			600 (SQ FT)	

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"				
ALIGNMENT	STATION	NO. OF LINES	LENGTH	TOTAL
HAWTHORNE AVENUE	106+80	2	25	50
	107+35	2	25	50
	119+90	2	32	64
	120+76	2	32	64
IRVING AVENUE	300+16	2	25	50
	302+46	2	27	54
	302+94 (LT)	2	30	60
	302+94 (RT)	2	30	60
	303+41	2	25	50
	309+58	2	27	54
	309+89 (LT)	2	27	54
	309+89 (RT)	2	27	54
	310+18	2	27	54
	314+02	2	26	52
	314+60	2	26	52
320+80	2	27	54	
IROQUOIS ROAD	400+07	2	52	104
NORTH RAILROAD AVENUE	1510+99	2	26	52
ELM STREET	1300+30	2	26	52
LAVERNE AVENUE	1400+29	2	26	52
	1405+29	2	32	64
VAN BUREN STREET	1603+77	2	25	50
	1604+35	2	25	50
	1607+57	2	25	50
	1608+15	2	25	50
1611+31	2	28	56	
ASHBEL AVENUE	1700+20	2	27	54
HOWARD AVENUE	1800+19	2	27	54
IRVING AVENUE (SOUTH)	1900+15	2	27	54
TOTAL:				1618 (FEET)

LOCATIONS OF AGGREGATE BASE REPAIR (SPECIAL) WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AFTER PAVEMENT REMOVAL OPERATIONS.



EXISTING TYPICAL SECTION
IRVING AVE
STA. 300+08 TO STA. 320+97
N.T.S.



PROPOSED TYPICAL SECTION
IRVING AVE
STA. 300+08 TO STA. 320+97
N.T.S.

HOT-MIX ASPHALT MIXTURE REQUIREMENT TABLE

PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes
HOT-MIX ASPHALT BINDER COURSE, IL-19, N50	4% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD), N50 (IL-9.5MM)	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5MM)	4% @ 50 Gyr.

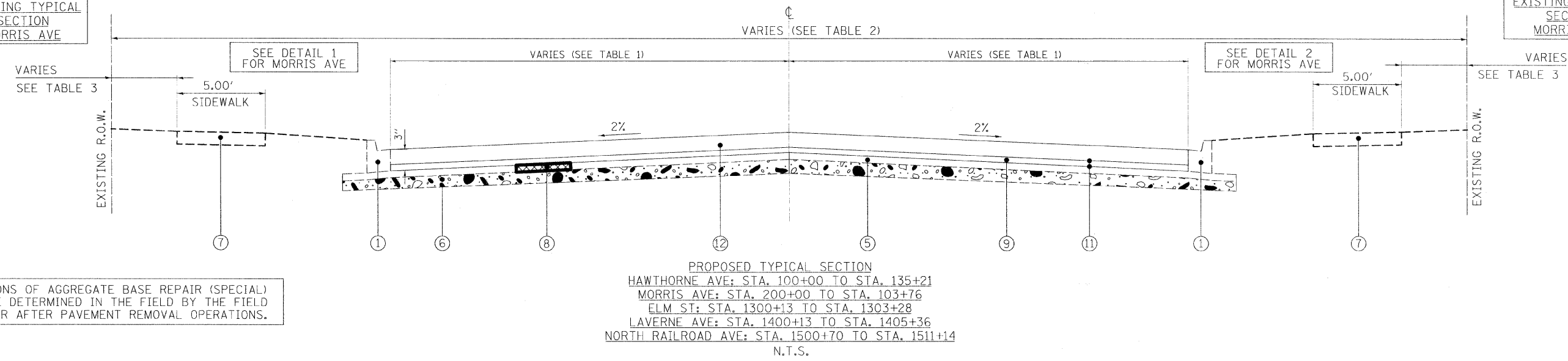
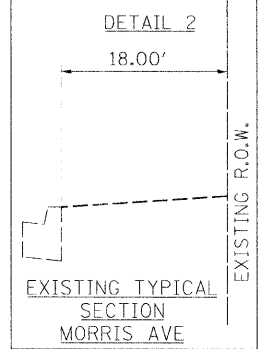
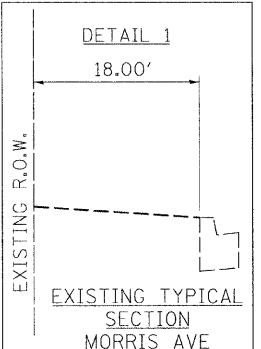
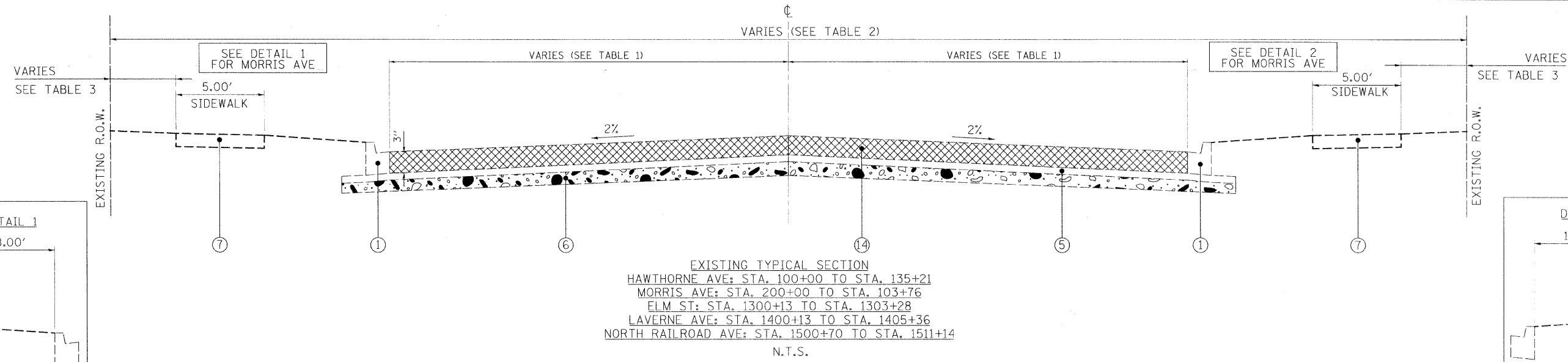
THE UNIT WEIGHT USE TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112/LSB/SQ.YD./INCH.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

LEGEND

① EXISTING B-6.12 COMBINATION CONCRETE CURB AND GUTTER	⑧ AGGREGATE BASE REPAIR (SPECIAL), 3"
② HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	⑨ LEVELING BINDER (MACHINE METHOD), N50, 1 1/2"
③ HOT-MIX ASPHALT SURFACE REMOVAL, 4"	⑩ LEVELING BINDER (MACHINE METHOD), N50, 2"
④ EXISTING CA6 AGGREGATE BASE COURSE, 9"	⑪ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
⑤ EXISTING CA6 AGGREGATE BASE COURSE, 3"	⑫ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
⑥ EXISTING 3" Ø AGGREGATE BASE, 6"	⑬ HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/2"
⑦ EXISTING P.C.C. SIDEWALK, 5"	⑭ HOT-MIX ASPHALT SURFACE REMOVAL, 3"



LOCATIONS OF AGGREGATE BASE REPAIR (SPECIAL) WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AFTER PAVEMENT REMOVAL OPERATIONS.

TABLE 1: EXISTING LANE WIDTH DIMENSIONS

ALIGNMENT	STATION RANGE	LANE WIDTH
HAWTHORNE AVE	STA. 100+00 TO STA. 135+21	12.50'
MORRIS AVE	STA. 200+00 TO STA. 203+76	12.50'
ELM ST	STA. 1300+13 TO STA. 1303+28	12.50'
LAVERNE AVE	STA. 1400+13 TO STA. 1405+36	12.50'
N. RAIL ROAD AVE	STA. 1500+70 TO STA. 1511+14	11.00'

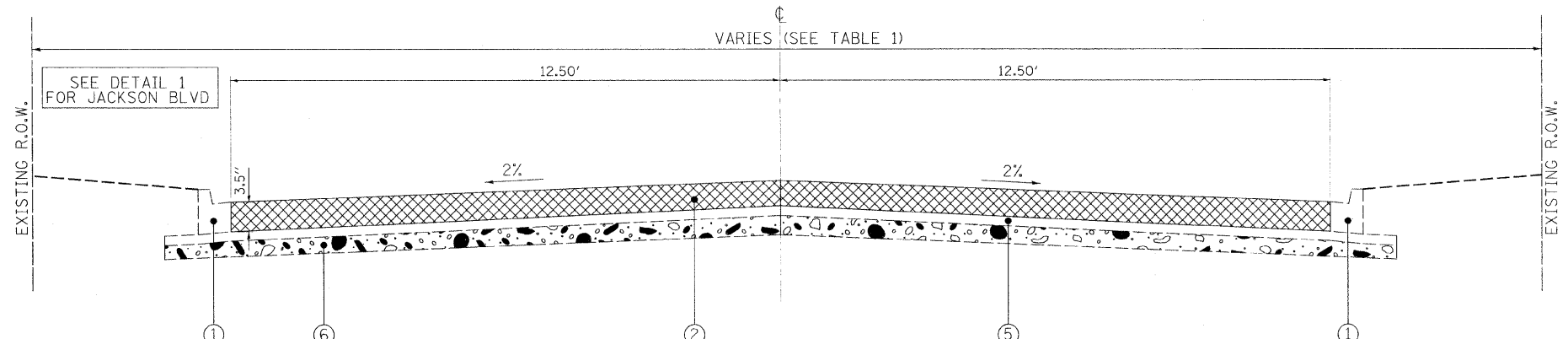
TABLE 2: EXISTING R.O.W. DIMENSIONS

ALIGNMENT	STATION RANGE	DISTANCE
HAWTHORNE AVE	STA. 100+00 TO STA. 107+00	58.00'
HAWTHORNE AVE	STA. 107+00 TO STA. 120+00	60.00'
HAWTHORNE AVE	STA. 120+70 TO STA. 135+21	66.00'
MORRIS AVE	STA. 200+00 TO STA. 203+76	66.00'
ELM ST	STA. 1300+13 TO STA. 1303+28	66.00'
LAVERNE AVE	STA. 1400+13 TO STA. 1405+36	66.00'
N. RAIL ROAD AVE	STA. 1500+70 TO STA. 1511+14	50.00'

TABLE 3: EXISTING SIDEWALK TO R.O.W. DIMENSIONS

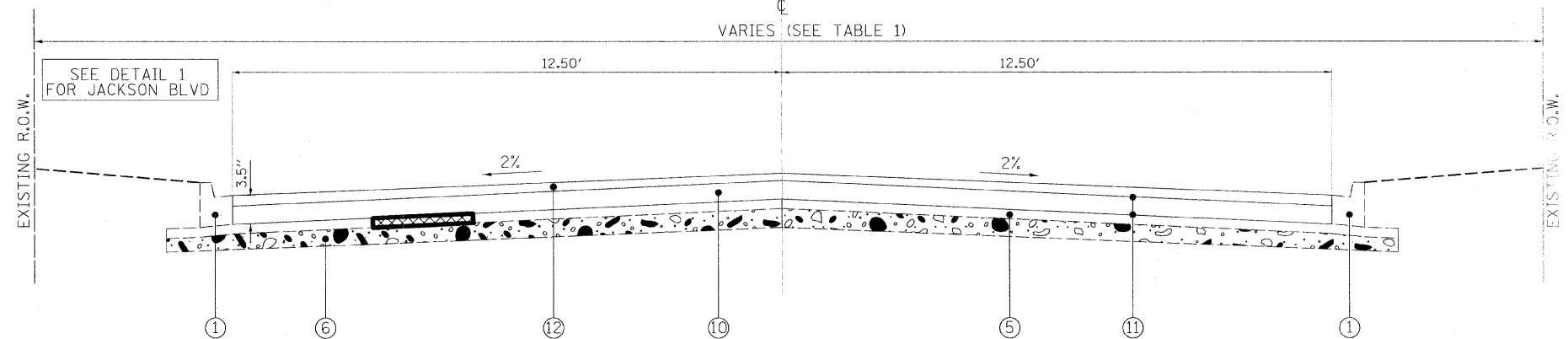
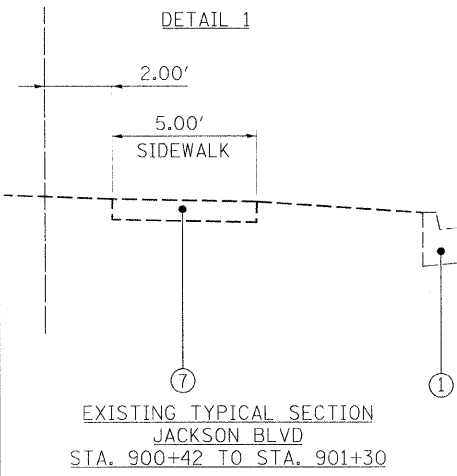
ALIGNMENT	STATION RANGE	LI/RT/BOTH	DISTANCE
HAWTHORNE AVE	STA. 100+00 TO STA. 120+10	BOTH	1.00'
HAWTHORNE AVE	STA. 120+54 TO STA. 135+21	N/A	N/A
MORRIS AVE	N/A	N/A	N/A
ELM ST	STA. 1300+13 TO STA. 1303+28	BOTH	1.00'
LAVERNE AVE	STA. 1400+13 TO STA. 1405+36	BOTH	1.00'
N. RAIL ROAD AVE	STA. 1500+70 TO STA. 1511+14	LT	2.00'

- LEGEND
- ① EXISTING B-6.12 COMBINATION CONCRETE CURB AND GUTTER
 - ② HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
 - ③ HOT-MIX ASPHALT SURFACE REMOVAL, 4"
 - ④ EXISTING CA6 AGGREGATE BASE COURSE, 9"
 - ⑤ EXISTING CA6 AGGREGATE BASE COURSE, 3"
 - ⑥ EXISTING 3" Ø AGGREGATE BASE, 6"
 - ⑦ EXISTING P.C.C. SIDEWALK, 5"
 - ⑧ AGGREGATE BASE REPAIR (SPECIAL), 3"
 - ⑨ LEVELING BINDER (MACHINE METHOD), N50, 1 1/2"
 - ⑩ LEVELING BINDER (MACHINE METHOD), N50, 2"
 - ⑪ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
 - ⑫ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
 - ⑬ HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/2"
 - ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, 3"



EXISTING TYPICAL SECTION
 MADISON ST: STA. 800+00 TO STA. 812+11
 MAPLE LN: STA. 700+00 TO STA. 706+60
 CLAYTON RD: STA. 1100+12 TO STA. 1115+77
 IDLEWILD LN: STA. 1000+25 TO STA. 1013+08
 FENWOOD LN: STA. 1200+13 TO STA. 1204+61
 HIGH RIDGE RD: STA. 500+13 TO STA. 511+92
 BUCKTHORN LN: STA. 600+13 TO STA. 608+48
 JACKSON BLVD: STA. 900+42 TO STA. 908+31
 IROQUOIS RD: STA. 400+00 TO STA. 411+32
 N.T.S.

LOCATIONS OF AGGREGATE BASE REPAIR (SPECIAL) WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AFTER PAVEMENT REMOVAL OPERATIONS.



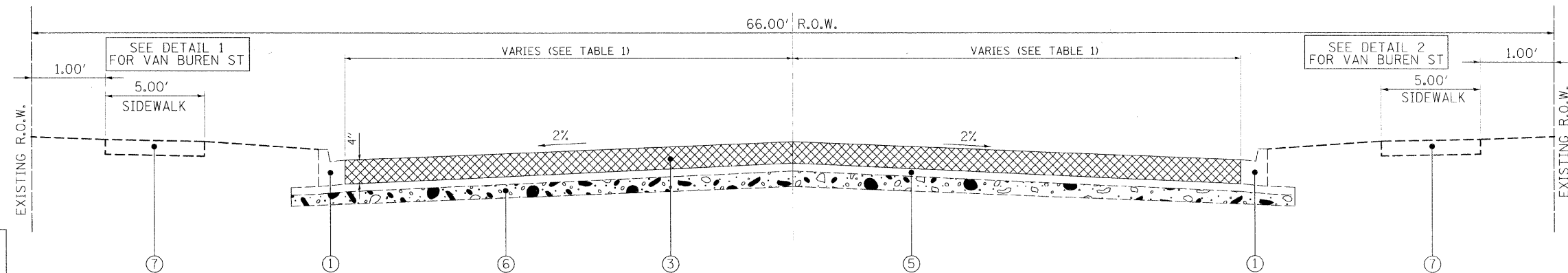
PROPOSED TYPICAL SECTION
 MADISON ST: STA. 800+00 TO STA. 812+11
 MAPLE LN: STA. 700+00 TO STA. 706+60
 CLAYTON RD: STA. 1100+12 TO STA. 1115+77
 IDLEWILD LN: STA. 1000+25 TO STA. 1013+08
 FENWOOD LN: STA. 1200+13 TO STA. 1204+61
 HIGH RIDGE RD: STA. 500+13 TO STA. 511+92
 BUCKTHORN LN: STA. 600+13 TO STA. 608+48
 JACKSON BLVD: STA. 900+42 TO STA. 908+31
 IROQUOIS RD: STA. 400+00 TO STA. 411+32
 N.T.S.

TABLE 1: EXISTING R.O.W. DIMENSIONS

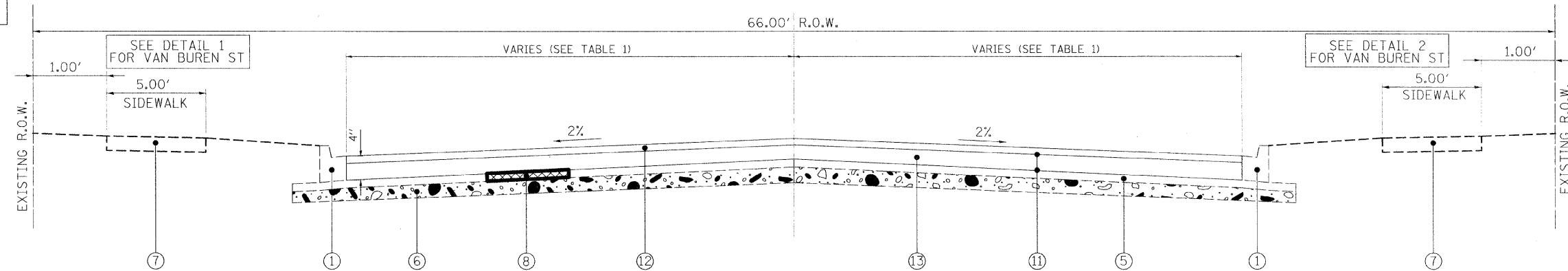
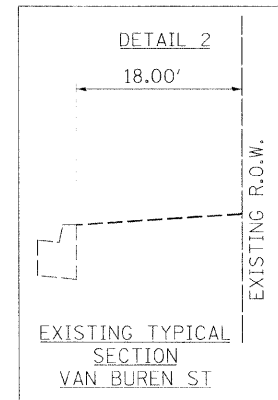
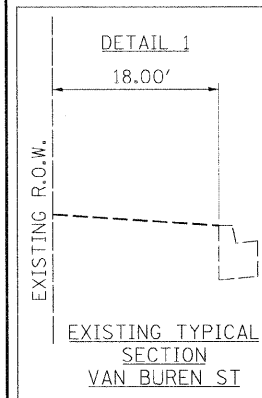
ALIGNMENT	STATION RANGE	DISTANCE
MADISON ST	STA. 800+00 TO STA. 812+11	84.00'
MAPLE LN	STA. 700+00 TO STA. 706+60	66.00'
CLAYTON RD	STA. 1100+12 TO STA. 1115+77	66.00'
IDLEWILD LN	STA. 1000+25 TO STA. 1013+08	66.00'
FENWOOD LN	STA. 1200+13 TO STA. 1204+61	66.00'
HIGH RIDGE RD	STA. 500+13 TO STA. 511+92	66.00'
BUCKTHORN LN	STA. 600+13 TO STA. 608+48	66.00'
JACKSON BLVD	STA. 900+42 TO STA. 908+31	66.00'
IROQUOIS ROAD	STA. 400+00 TO STA. 411+32	66.00'

LEGEND

- ① EXISTING B-6.12 COMBINATION CONCRETE CURB AND GUTTER
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- ④ EXISTING CA6 AGGREGATE BASE COURSE, 9"
- ⑤ EXISTING CA6 AGGREGATE BASE COURSE, 3"
- ⑥ EXISTING 3" Ø AGGREGATE BASE, 6"
- ⑦ EXISTING P.C.C. SIDEWALK, 5"
- ⑧ AGGREGATE BASE REPAIR (SPECIAL), 3"
- ⑨ LEVELING BINDER (MACHINE METHOD), N50, 1 1/2"
- ⑩ LEVELING BINDER (MACHINE METHOD), N50, 2"
- ⑪ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- ⑫ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑬ HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/2"
- ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, 3"



EXISTING TYPICAL SECTION
 ASHBEL AVE: STA. 1700+00 TO STA. 1706+32
 HOWARD AVE: STA. 1800+00 TO STA. 1808+82
 IRVING AVE (SOUTH): STA. 1900+00 TO STA. 1909+26
 VAN BUREN ST: STA. 1600+00 TO STA. 1611+38
 N.T.S.



PROPOSED TYPICAL SECTION
 ASHBEL AVE: STA. 1700+00 TO STA. 1706+32
 HOWARD AVE: STA. 1800+00 TO STA. 1808+82
 IRVING AVE (SOUTH): STA. 1900+00 TO STA. 1909+26
 VAN BUREN ST: STA. 1600+00 TO STA. 1611+38
 N.T.S.

LOCATIONS OF AGGREGATE BASE REPAIR (SPECIAL) WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AFTER PAVEMENT REMOVAL OPERATIONS.

TABLE 1: EXISTING LANE WIDTH DIMENSIONS

ALIGNMENT	STATION RANGE	LANE WIDTH
ASHBEL AVE	STA. 1700+00 TO STA. 1706+32	12.50'
HOWARD AVE	STA. 1800+00 TO STA. 1808+92	12.50'
IRVING AVE	STA. 1900+00 TO STA. 1909+26	12.50'
VAN BUREN ST	STA. 1600+00 TO STA. 1611+38	13.00'

LEGEND

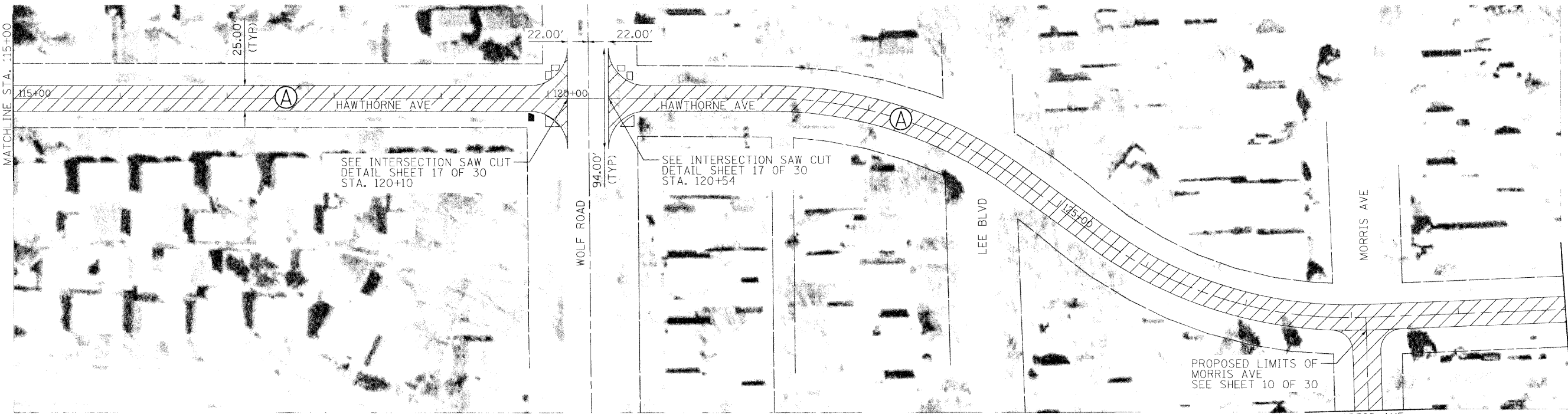
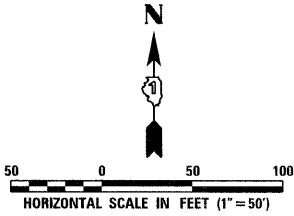
- ① EXISTING B-6.12 COMBINATION CONCRETE CURB AND GUTTER
- ⑧ AGGREGATE BASE REPAIR (SPECIAL), 3"
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"
- ⑨ LEVELING BINDER (MACHINE METHOD), N50, 1 1/2"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- ⑩ LEVELING BINDER (MACHINE METHOD), N50, 2"
- ④ EXISTING CA6 AGGREGATE BASE COURSE, 9"
- ⑪ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- ⑤ EXISTING CA6 AGGREGATE BASE COURSE, 3"
- ⑫ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1 1/2"
- ⑥ EXISTING 3" Ø AGGREGATE BASE, 6"
- ⑬ HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/2"
- ⑦ EXISTING P.C.C. SIDEWALK, 5"
- ⑭ HOT-MIX ASPHALT SURFACE REMOVAL, 3"



MATCHLINE STA. 115+00

HAWTHORNE AVENUE

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

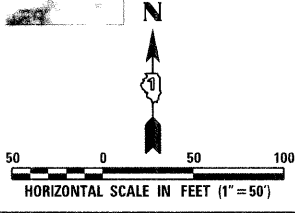


MATCHLINE STA. 115+00

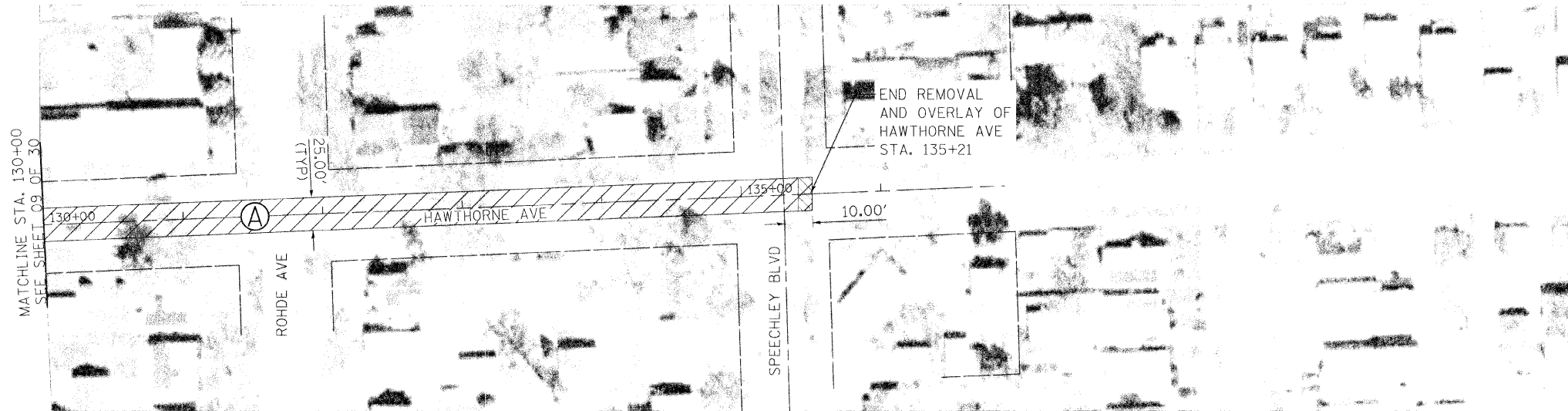
MATCHLINE STA. 130+00
SEE SHEET 10 OF 30

HAWTHORNE AVENUE

MORRIS AVE
SEE SHEET 10 OF 30

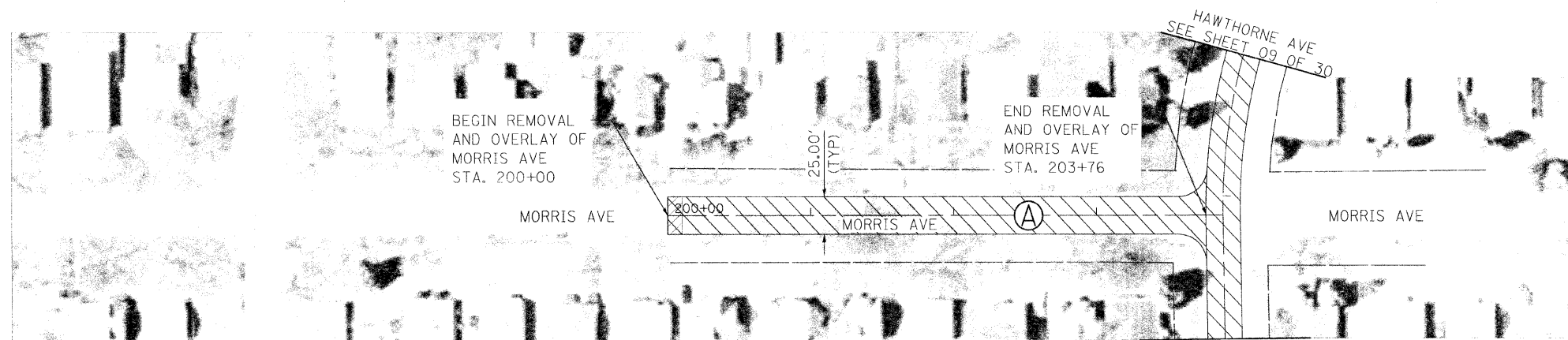
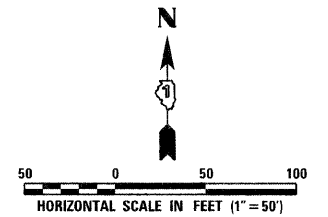


DESIGNED - DWP	REVISED _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAWTHORNE AVENUE STA. 100 + 00 TO STA. 130 + 00 PLAN SHEET	F.A. SECTION COUNTY TOTAL SHEET NO.
DRAWN - DWP	REVISED _____			RTE. 09-00046-00-RS COOK 30 09
CHECKED - SJM	REVISED _____			CONTRACT NO. 63414
DATE - 11/30/09	REVISED _____			ILLINOIS FED. AID PROJECT
SCALE: 1" = 50'		SHEET NO. 09 OF 30 SHEETS STA. TO STA.		

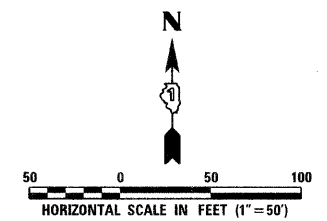


HAWTHORNE AVENUE

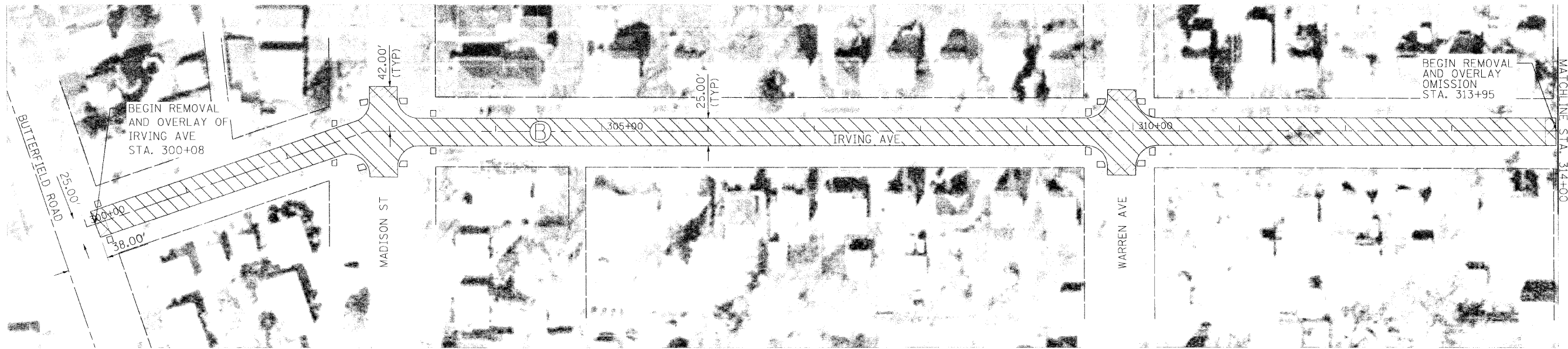
SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).



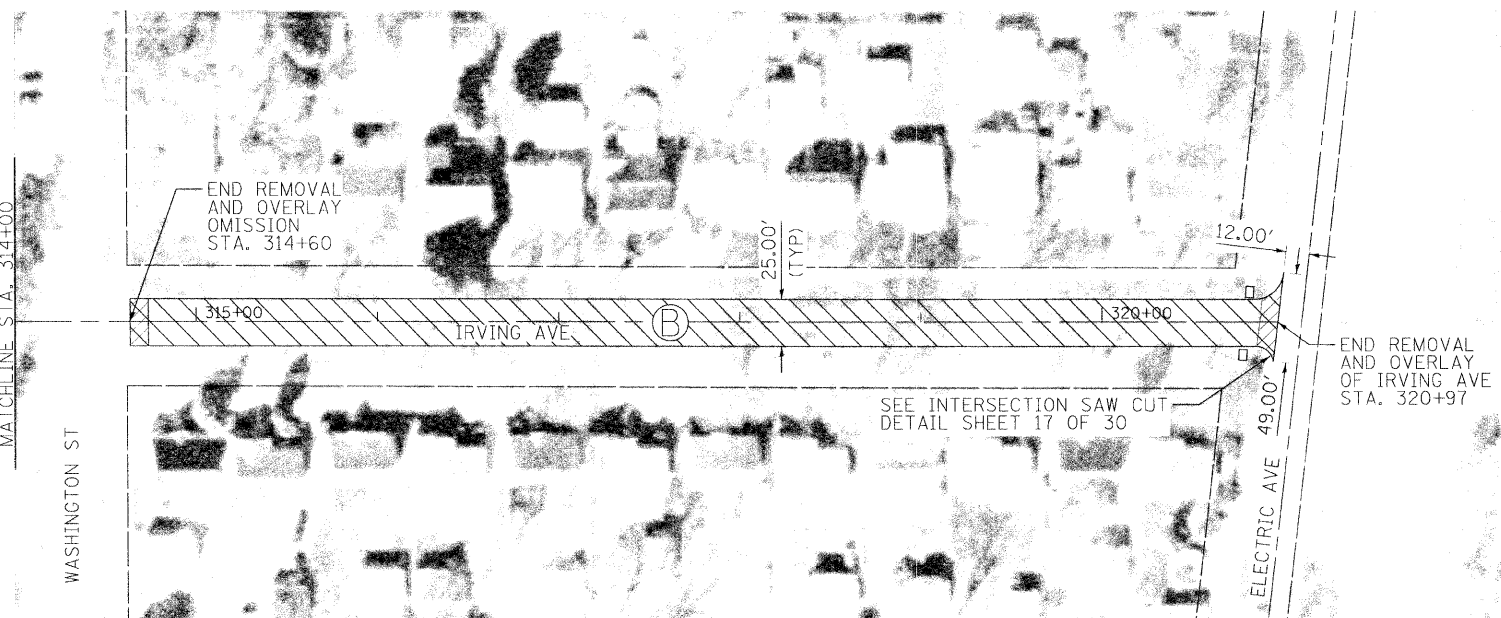
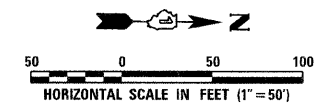
MORRIS AVENUE



DESIGNED - DWP	REVISED _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAWTHORNE AVENUE (STA. 130+00 TO STA. 135+21) & MORRIS AVENUE PLAN SHEET		F.A. _____	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - DWP	REVISED _____		SCALE: 1" = 50'	SHEET NO. 10 OF 30 SHEETS	STA. _____	09-00046-00-RS	COOK	30	10
CHECKED - SJM	REVISED _____				TO STA. _____				
DATE - 11/30/09	REVISED _____								
					CONTRACT NO. 63414 ILLINOIS FED. AID PROJECT				

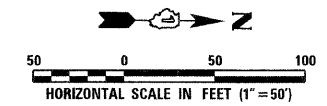


IRVING AVENUE (NORTH)



IRVING AVENUE (NORTH)

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

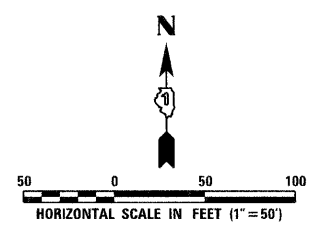


DESIGNED - DWP	REVISED _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IRVING AVENUE (NORTH) PLAN SHEET	F.A. _____	SECTION _____	COUNTY _____	TOTAL SHEET _____	
DRAWN - DWP	REVISED _____			RTE. _____	09-00046-00-RS	COOK	30	11
CHECKED - SJM	REVISED _____			CONTRACT NO. 63414				
DATE - 11/30/09	REVISED _____			ILLINOIS FED. AID PROJECT				
SCALE: 1" = 50'		SHEET NO. 11 OF 30 SHEETS		STA. _____	TO STA. _____			



SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

MADISON STREET & MAPLE LANE

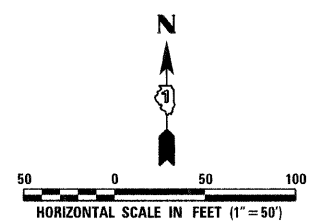


DESIGNED	DWP	REVISIONS		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET & MAPLE LANE PLAN SHEET	SCALE: 1" = 50' SHEET NO. 12 OF 30 SHEETS STA. TO STA.	SECTION 09-00046-00-RS	COUNTY COOK	TOTAL SHEETS 30	SHEET NO. 12	CONTRACT NO. 63414
DRAWN	DWP	REVISIONS									
CHECKED	SJM	REVISIONS									
DATE	11/30/09	REVISIONS									

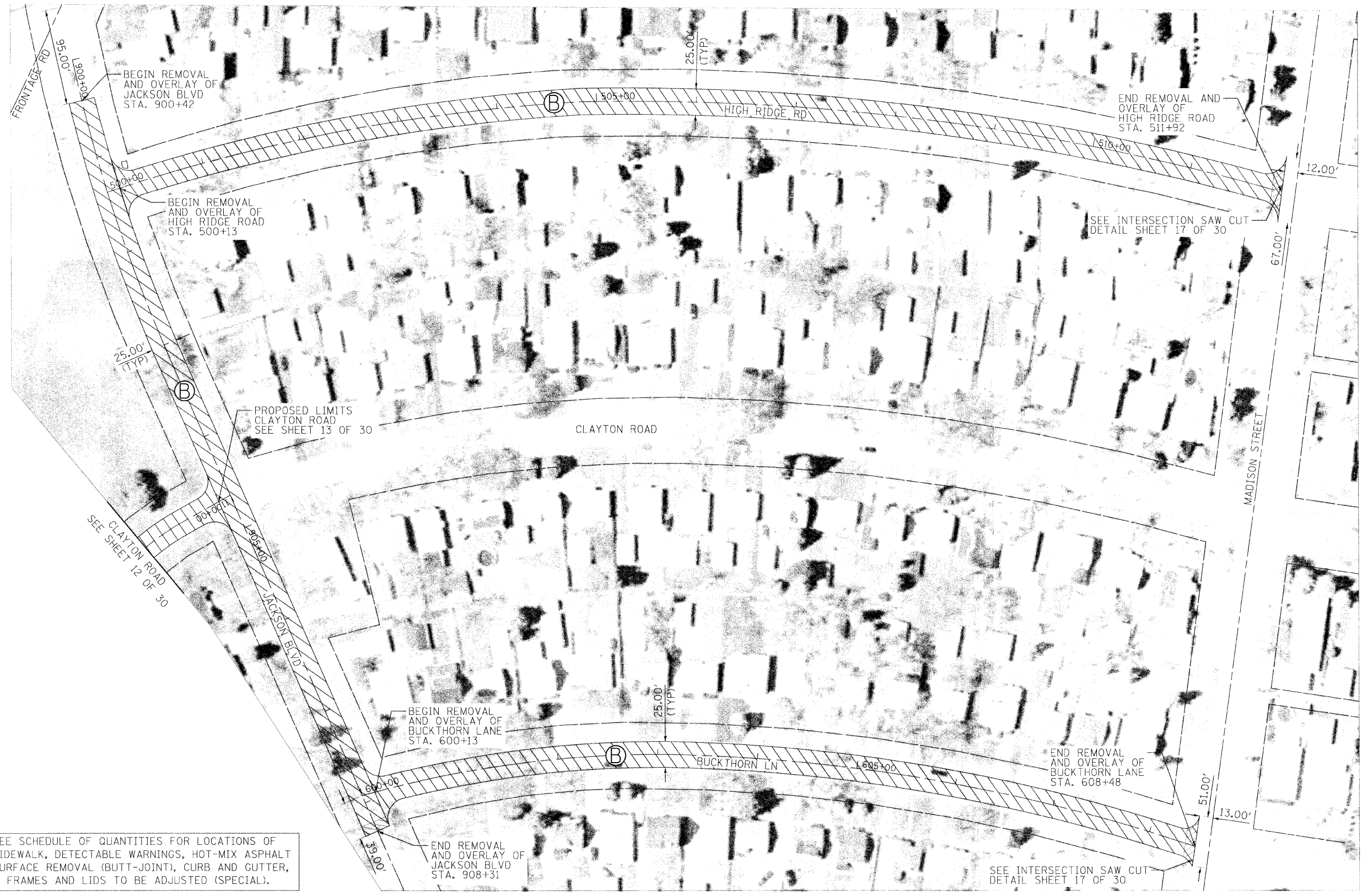


CLAYTON ROAD, IDLEWILD LANE, & FENWOOD LANE

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

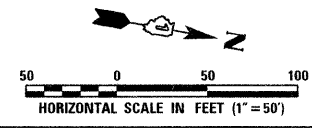


DESIGNED	DWP	REVISED		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLAYTON ROAD, IDLEWILD LANE, & FENWOOD LANE PLAN SHEET	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN	DWP	REVISED					09-00046-00-RS	COOK	30	13	
CHECKED	SJM	REVISED				SCALE: 1" = 50'	SHEET NO. 13 OF 30 SHEETS	STA.	TO STA.	CONTRACT NO. 63414	
DATE	11/30/09	REVISED				ILLINOIS FED. AID PROJECT					



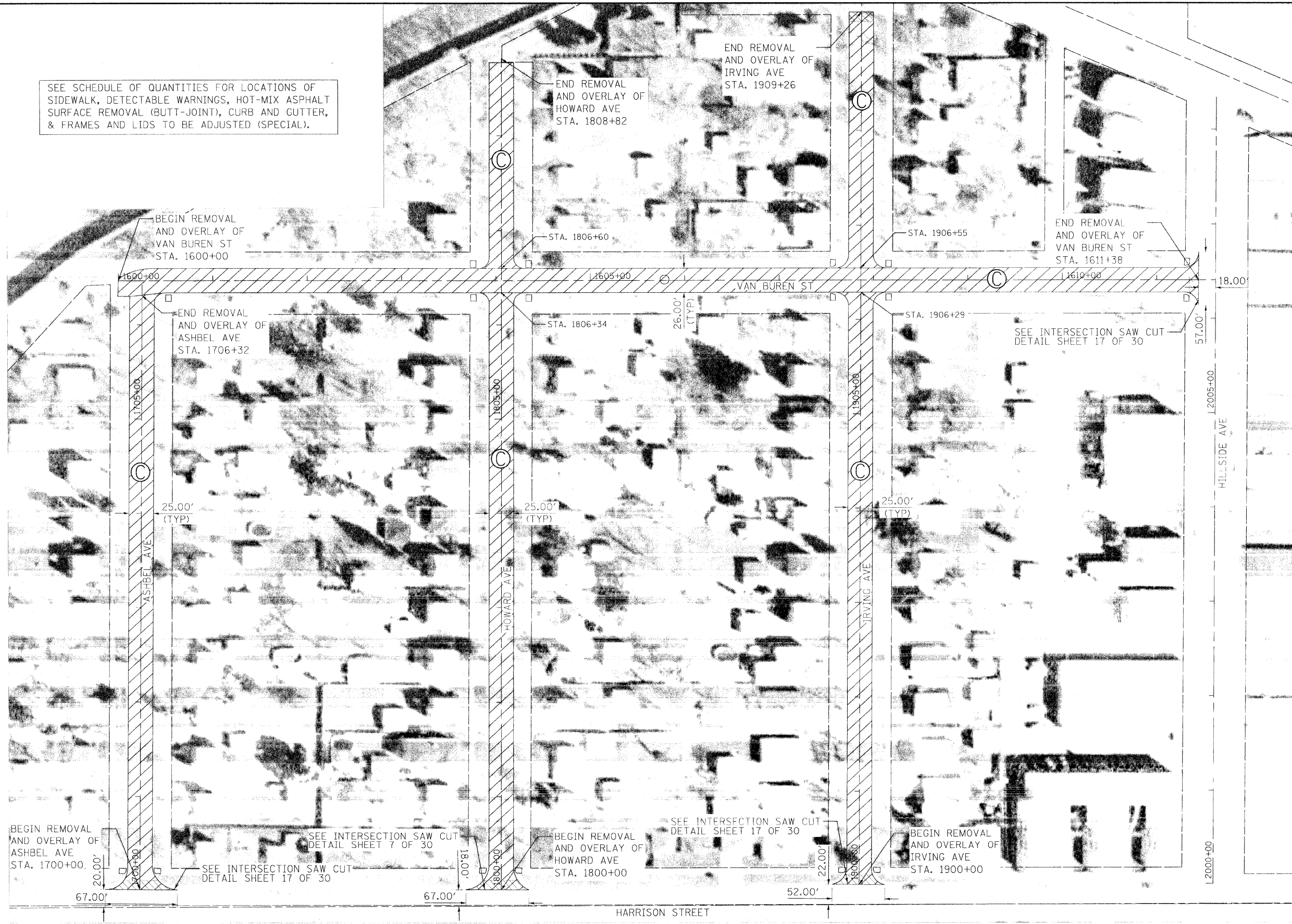
SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

HIGH RIDGE ROAD, BUCKTHORN LANE, & JACKSON BOULEVARD



DESIGNED: DWP DRAWN: DWP CHECKED: SJM DATE: 11/30/09	REVISIONS: REVISION: _____ REVISION: _____ REVISION: _____ REVISION: _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGH RIDGE ROAD, BUCKTHORN LANE, & JACKSON BOULEVARD PLAN SHEET		F.A. SECTION COUNTY TOTAL SHEETS NO. RTE. 09-00046-00-RS COOK 30 14 CONTRACT NO. 63414 ILLINOIS FED. AID PROJECT
	SCALE: 1" = 50' SHEET NO. 14 OF 30 SHEETS STA. TO STA.				

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).



SEE INTERSECTION SAW CUT
DETAIL SHEET 17 OF 30

SEE INTERSECTION SAW CUT
DETAIL SHEET 7 OF 30

SEE INTERSECTION SAW CUT
DETAIL SHEET 17 OF 30

BEGIN REMOVAL
AND OVERLAY OF
ASHBEL AVE
STA. 1700+00.

BEGIN REMOVAL
AND OVERLAY OF
HOWARD AVE
STA. 1800+00

BEGIN REMOVAL
AND OVERLAY OF
IRVING AVE
STA. 1900+00

BEGIN REMOVAL
AND OVERLAY OF
VAN BUREN ST
STA. 1600+00

END REMOVAL
AND OVERLAY OF
HOWARD AVE
STA. 1808+82

END REMOVAL
AND OVERLAY OF
IRVING AVE
STA. 1909+26

END REMOVAL
AND OVERLAY OF
VAN BUREN ST
STA. 1611+38

END REMOVAL
AND OVERLAY OF
ASHBEL AVE
STA. 1706+32

ASHBEL AVENUE, HOWARD AVENUE, IRVING AVENUE, & VAN BUREN STREET



DESIGNED	DWP	REVISED	---
DRAWN	DWP	REVISED	---
CHECKED	SJM	REVISED	---
DATE	11/30/09	REVISED	---

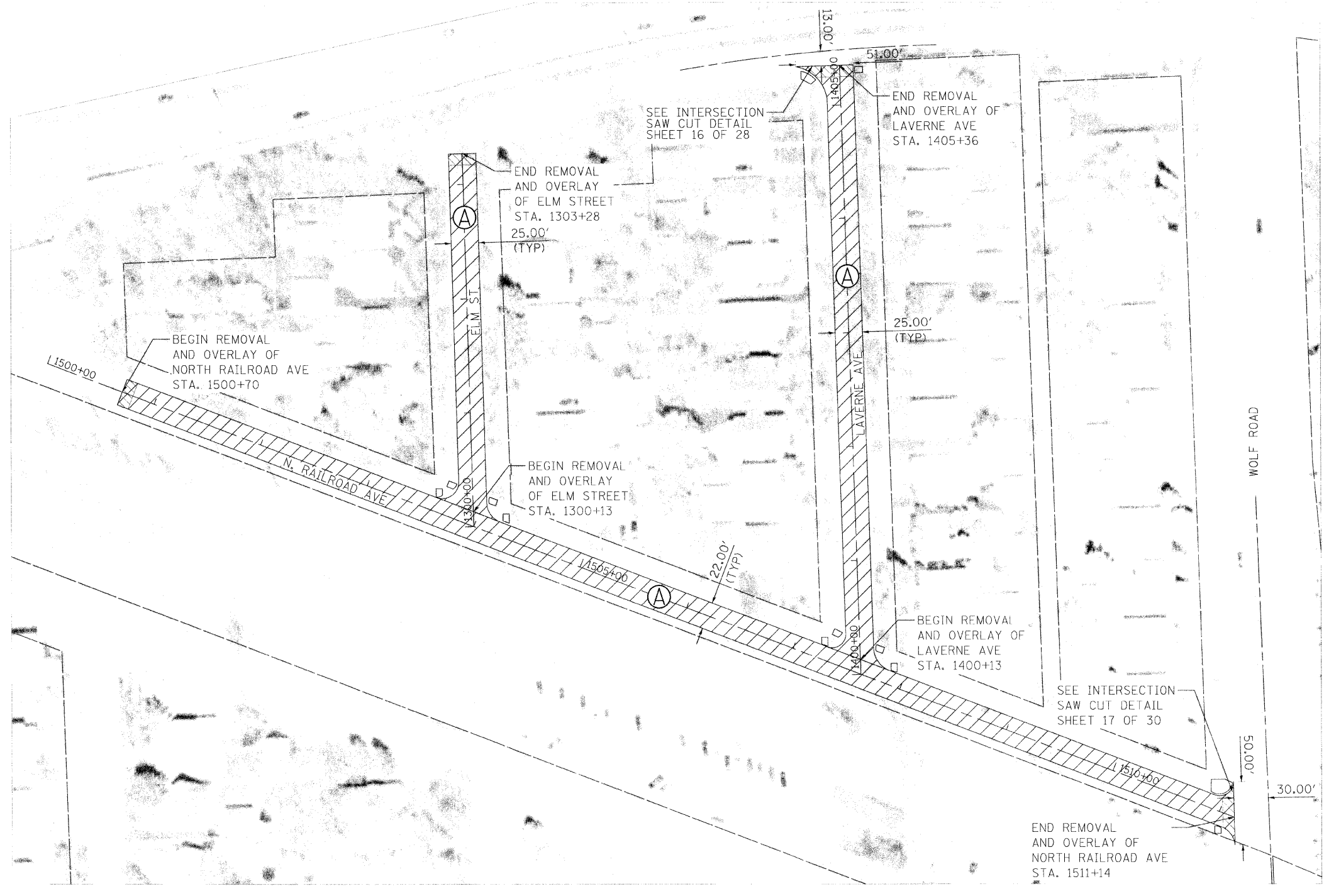
DESIGNED	DWP	REVISED	---
DRAWN	DWP	REVISED	---
CHECKED	SJM	REVISED	---
DATE	11/30/09	REVISED	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ASHBEL AVENUE, HOWARD AVENUE, IRVING AVENUE (SOUTH),
& VAN BUREN STREET
PLAN SHEET
SCALE: 1" = 50' SHEET NO. 15 OF 30 SHEETS STA. TO STA.

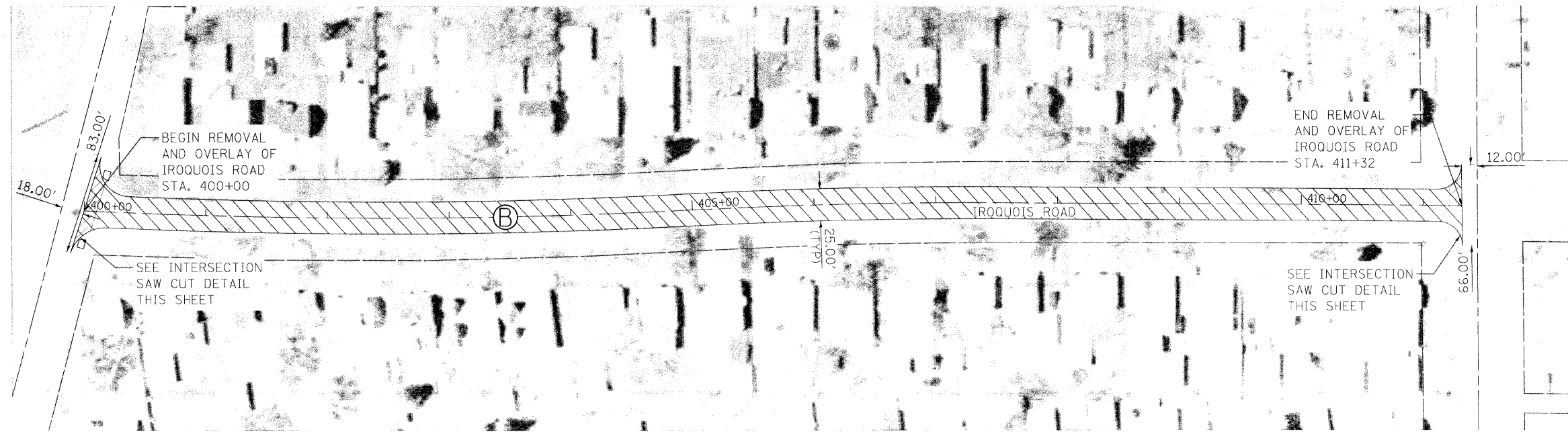
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
	09-00046-00-RS	COOK	30 15
			CONTRACT NO. 63414
ILLINOIS FED. AID PROJECT			

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

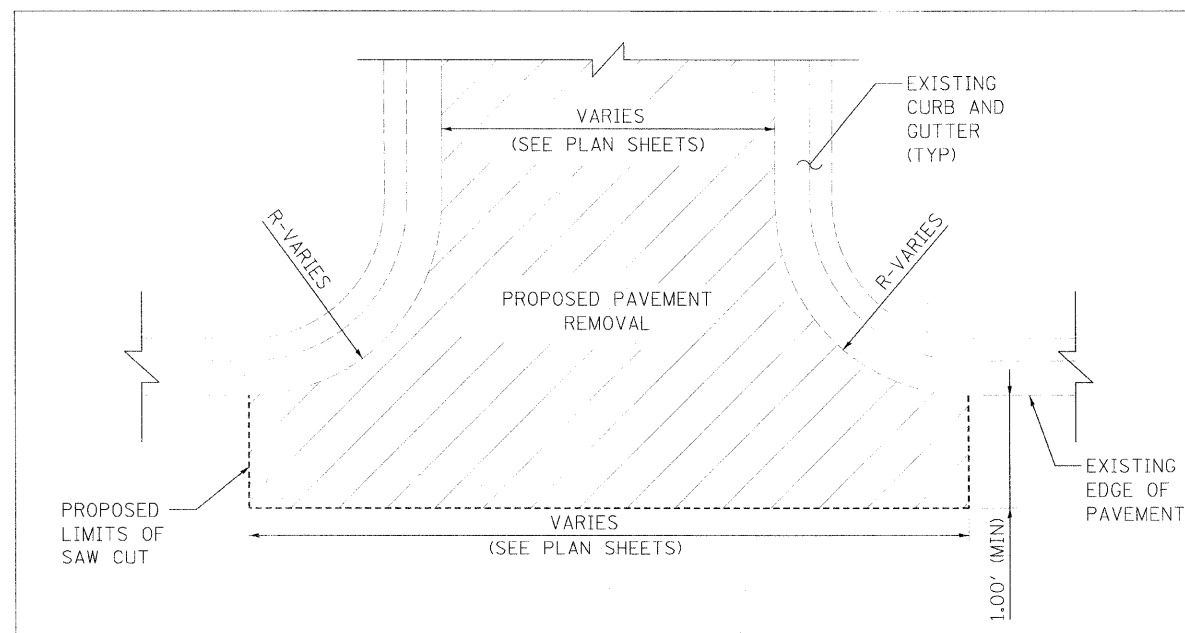
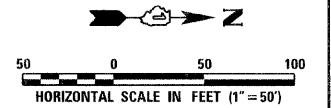


NORTH RAILROAD AVENUE, ELM STREET, & LAVERNE AVENUE

DESIGNED	DWP	REVISED	_____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH RAILROAD AVENUE, ELM STREET, & LAVERNE AVENUE PLAN SHEET	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
DRAWN	DWP	REVISED	_____			SCALE: 1" = 50'	SHEET NO. 16 OF 30 SHEETS	STA.	TO STA.	09-00046-00-RS	COOK	30	16
CHECKED	SJM	REVISED	_____							CONTRACT NO. 63414			
DATE	11/30/09	REVISED	_____							ILLINOIS FED. AID PROJECT			



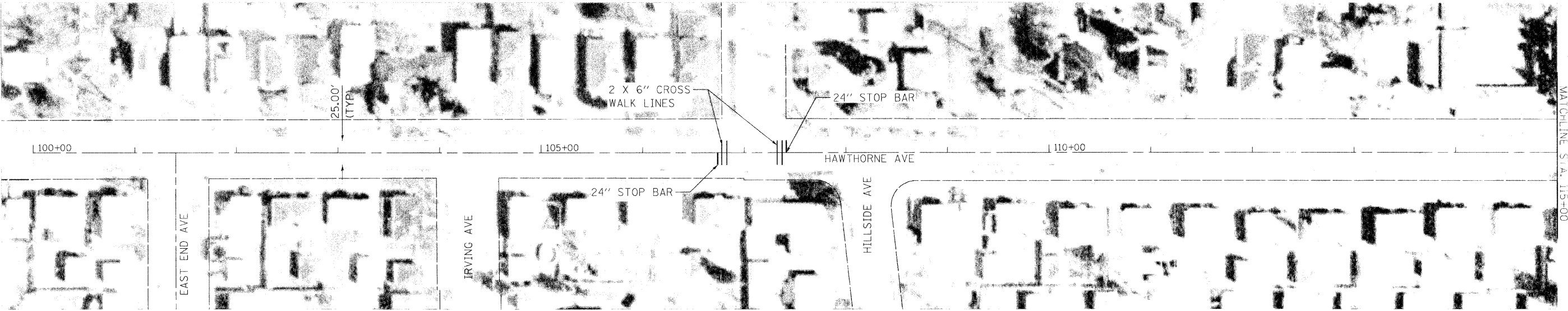
IROQUOIS ROAD



INTERSECTION SAW CUT DETAIL
N.T.S.

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

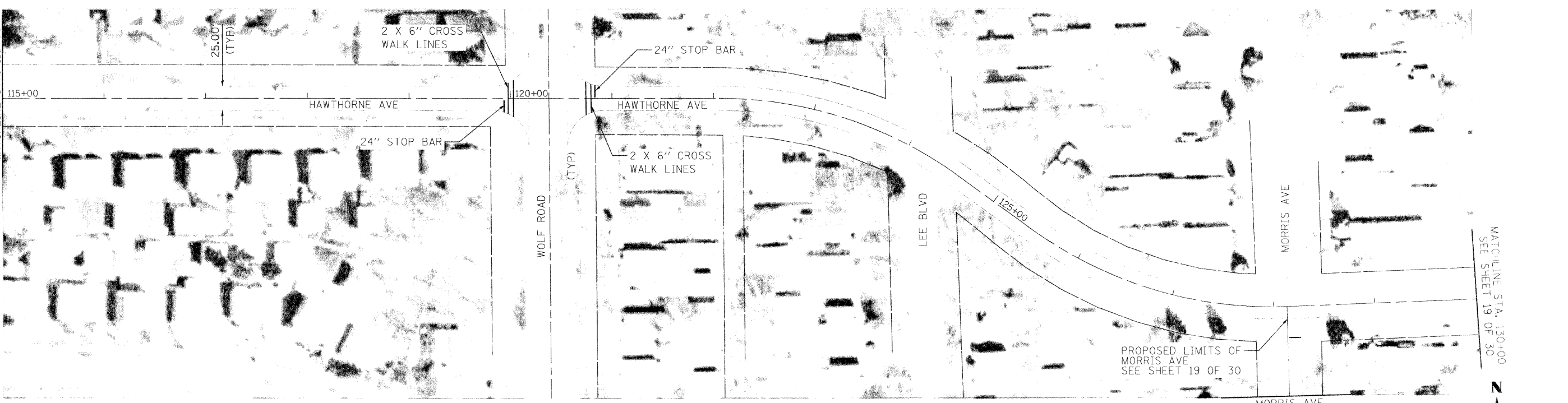
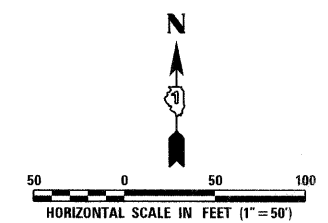
DESIGNED DRAWN CHECKED DATE	DP DW SJ 10/09	REVISED REVISED REVISED REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IROQUOIS ROAD PLAN SHEET & MISCELLANEOUS DETAILS	T.A. RTE. 09-00046-00-RS	COUNTY BOOK CONTRACT NO. 63414	TOTAL SHEET SHEETS NO. 30 17
SCALE: 1" = 50'				SHEET NO. 17 OF 30 SHEETS		STA. TO STA.	



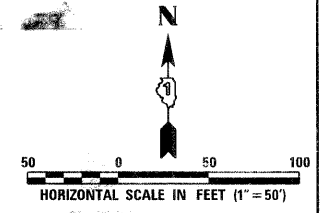
HAWTHORNE AVENUE

HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET 26 OF 30. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.



HAWTHORNE AVENUE



DESIGNED	-	DWP
DRAWN	-	DWP
CHECKED	-	SJM
DATE	-	11/30/09

REVISED	_____
REVISED	_____
REVISED	_____
REVISED	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HAWTHORNE AVENUE
STA. 100+00 TO STA. 130+00
PAVEMENT MARKING PLAN SHEET

SCALE: 1" = 50' SHEET NO. 18 OF 30 SHEETS STA. _____ TO STA. _____

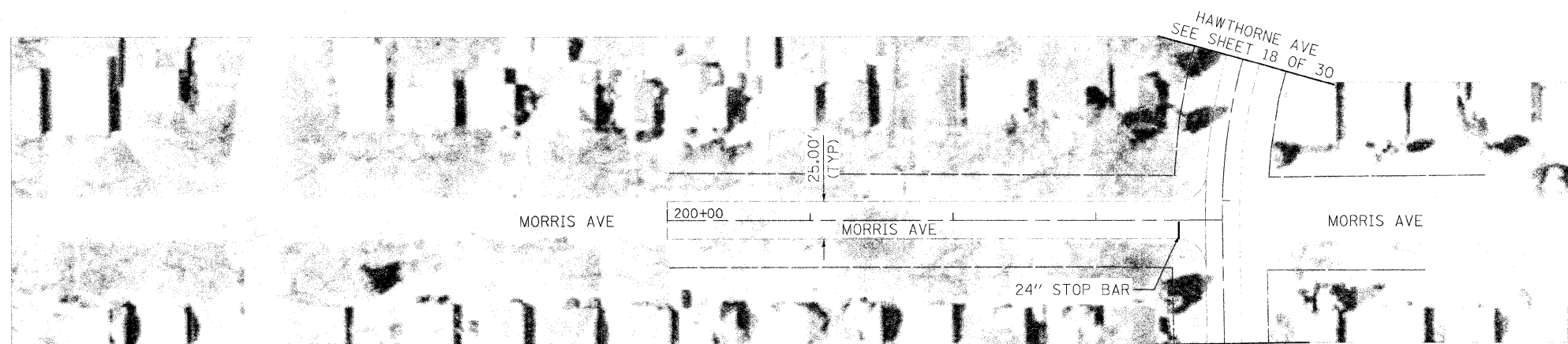
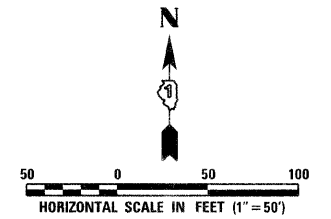
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
09-00046-00-RS		COOK	30 18
ILLINOIS FFD-AD PROJECT			CONTRACT NO. 63414



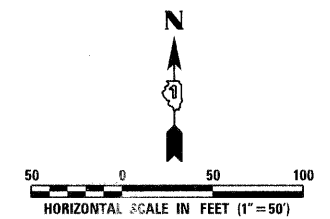
HAWTHORNE AVENUE

HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET 26 OF 30. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

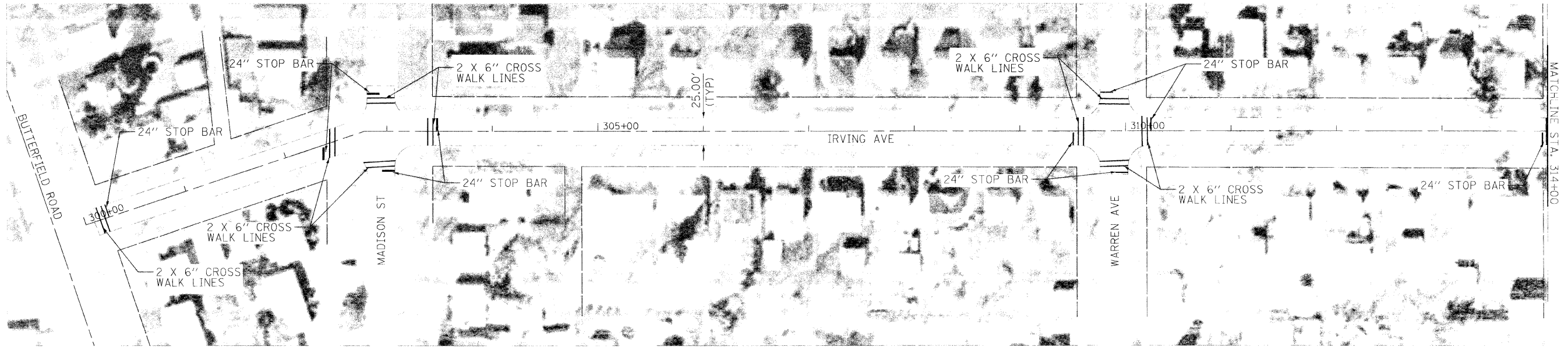
ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.



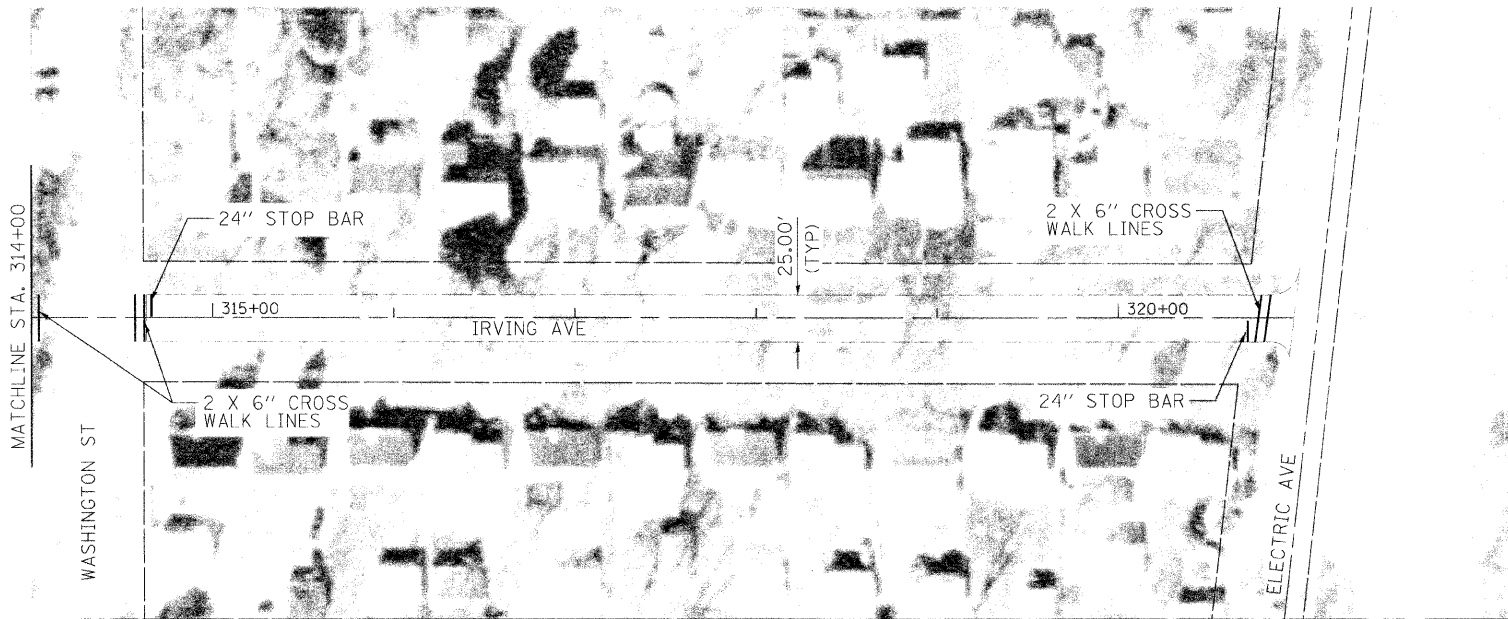
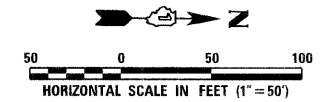
MORRIS AVENUE



DESIGNED - DWP	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAWTHORNE AVENUE (STA. 130+00 TO STA. 135+21) & MORRIS AVENUE PAVEMENT MARKING PLAN SHEET		F.A. RTL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN - DWP	REVISED		SCALE: 1" = 50'	SHEET NO. 19 OF 30 SHEETS	STA.	TO STA.	09-00046-00-RS	COOK	30	19
CHECKED - SJM	REVISED									
DATE - 30/09	REVISED									
					ILLINOIS FED. RD. PROJECT					



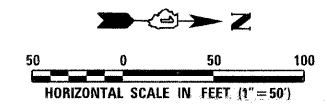
IRVING AVENUE (NORTH)



IRVING AVENUE (NORTH)

HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET 26 OF 30. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.



DESIGNED - DWP DRAWN - DWP CHECKED - SJM DATE - 11/30/09	REVISED _____ REVISED _____ REVISED _____ REVISED _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IRVING AVENUE (NORTH) PAVEMENT MARKING PLAN SHEET	F.A. _____ RTE. _____ SECTION 09-00046-00-RS COUNTY COOK TOTAL SHEETS 30 SHEETS NO. 20 CONTRACT NO. 63414 ILLINOIS FED. AID PROJECT
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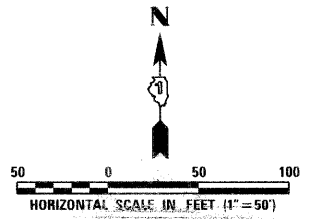
SCALE: 1" = 50' SHEET NO. 20 OF 30 SHEETS STA. TO STA.



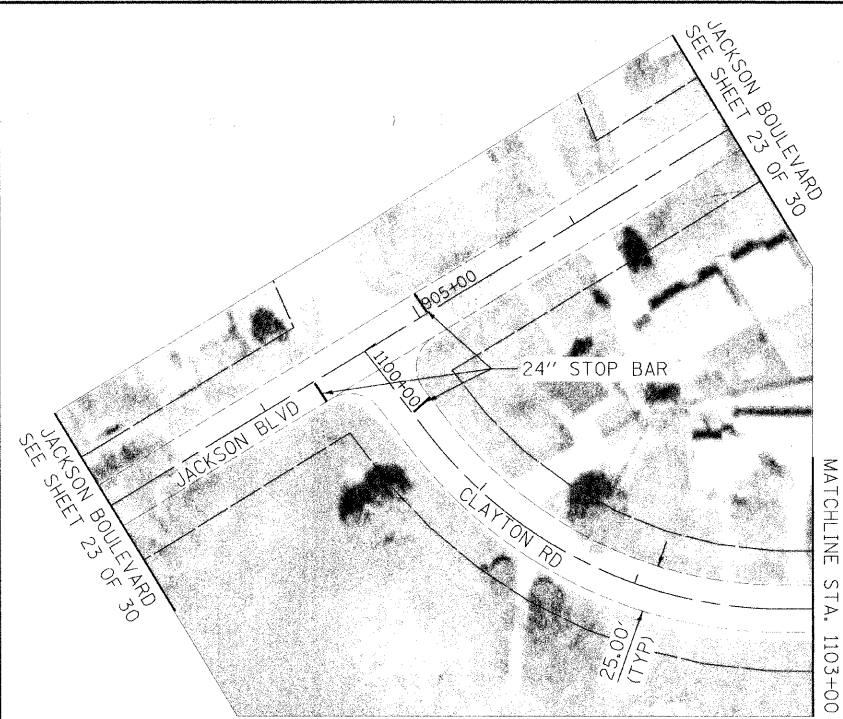
HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET 26 OF 30. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.

MADISON STREET & MAPLE LANE



DESIGNED _____ DRAWN _____ CHECKED _____ DATE _____	DWG	REVIS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MADISON STREET & MAPLE LANE PAVEMENT MARKING PLAN SHEET	SCALE: 1" = 50' SHEET NO. 21 OF 30 SHEETS STA. _____ TO STA. _____	F.A. RTE. _____ SECTION 09-00046-00-RS COUNTY COOK TOTAL SHEETS 30 SHEETS NO. 21 CONTRACT NO. 63414 ILLINOIS PROJECT
	DWG	REVIS				
	R/W	REVIS				
	DATE	REVIS				

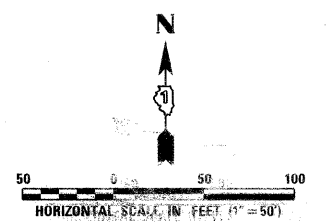


HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET 26 OF 30. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

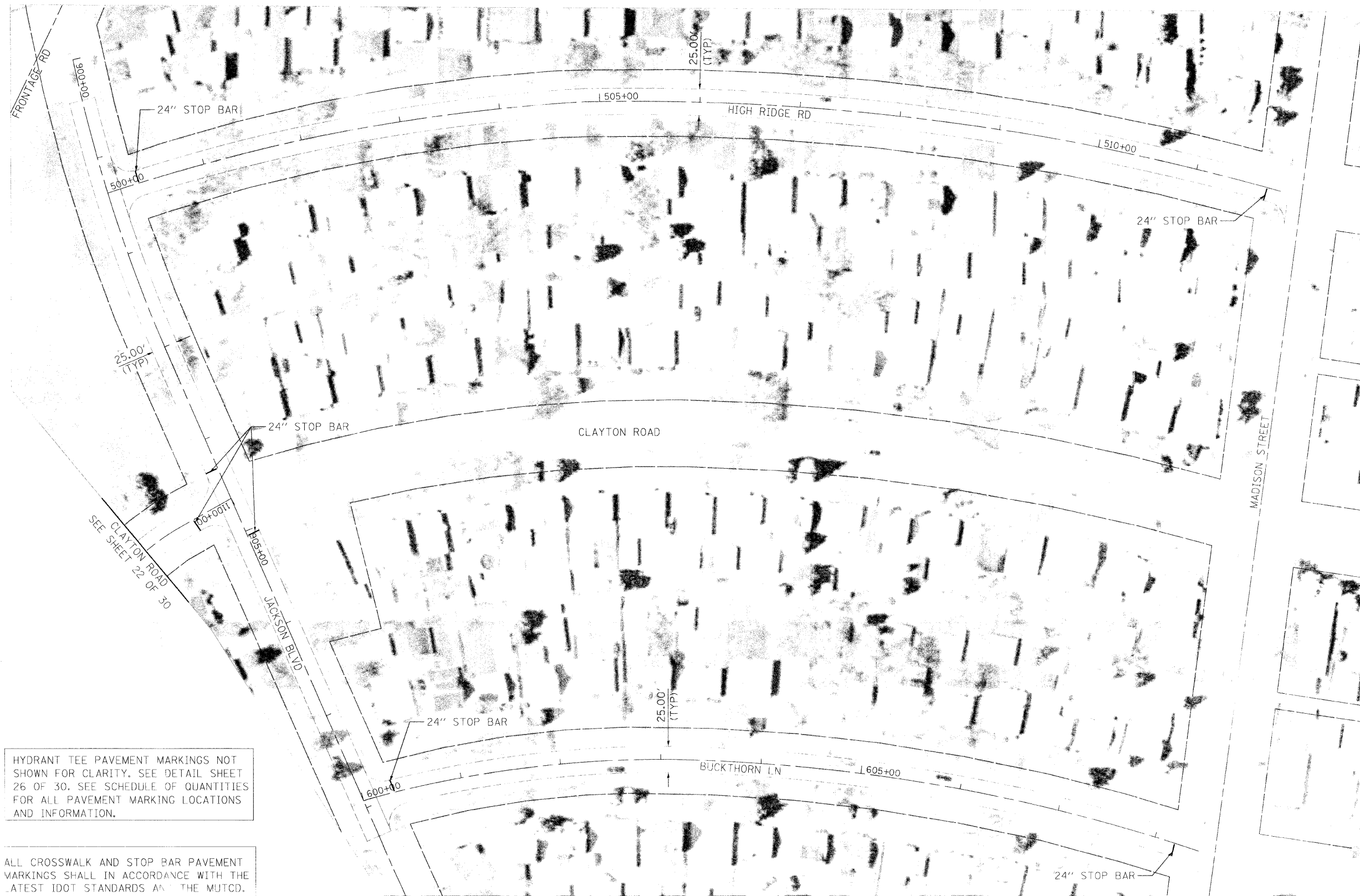
ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.



CLAYTON ROAD, IDLEWILD LANE, & FENWOOD LANE



DESIGNED	DWP	REVISED	_____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLAYTON ROAD, IDLEWILD LANE, & FENWOOD LANE PAVEMENT MARKING PLAN SHEET	F.A. RTE.	SECTION	COUNTY	SHEET NO.
DRAWN	DWP	REVISED	_____			09-00046-00-RS	COOK	3	22
CHECKED	SJM	REVISED	_____			ILLINOIS	PROJECT		
DATE	12/22/24	REVISED	_____						



HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET 26 OF 30. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.

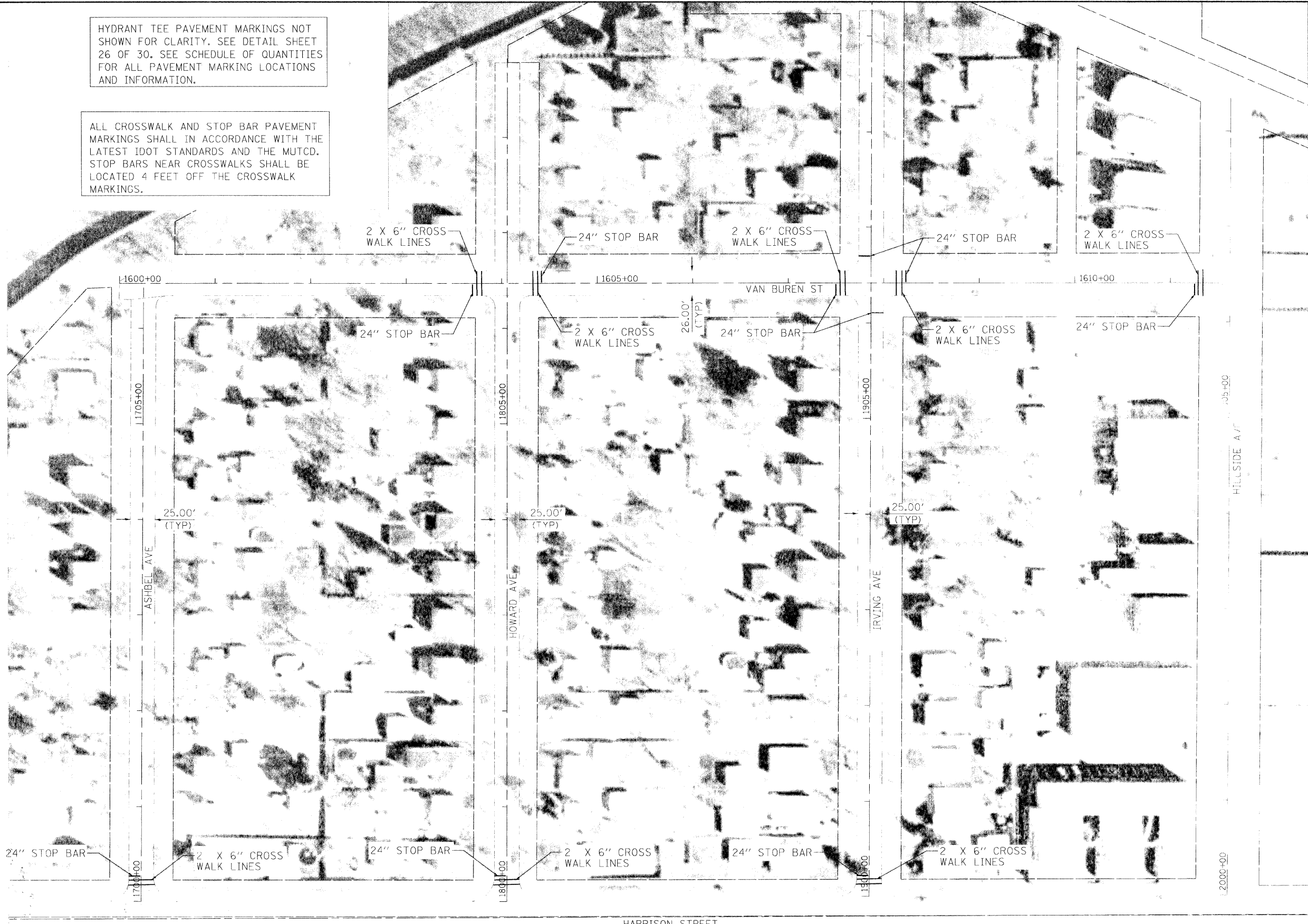
HIGH RIDGE ROAD, BUCKTHORN LANE, & JACKSON BOULEVARD



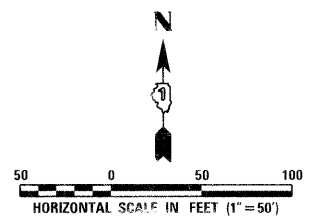
DESIGNED	3	REVISED	---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGH RIDGE ROAD, BUCKTHORN LANE, & JACKSON BOULEVARD PAVEMENT MARKING PLAN SHEET	F.A. RTE.	SECTION	TOTAL SHEETS	SHEET NO.
DRAWN	3	REVISED	---			09-00046-00	30	23	
CHECKED	5	REVISED	---			NO. 63414			
DATE		REVISED	---			ILLINOIS			

HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET 26 OF 30. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.



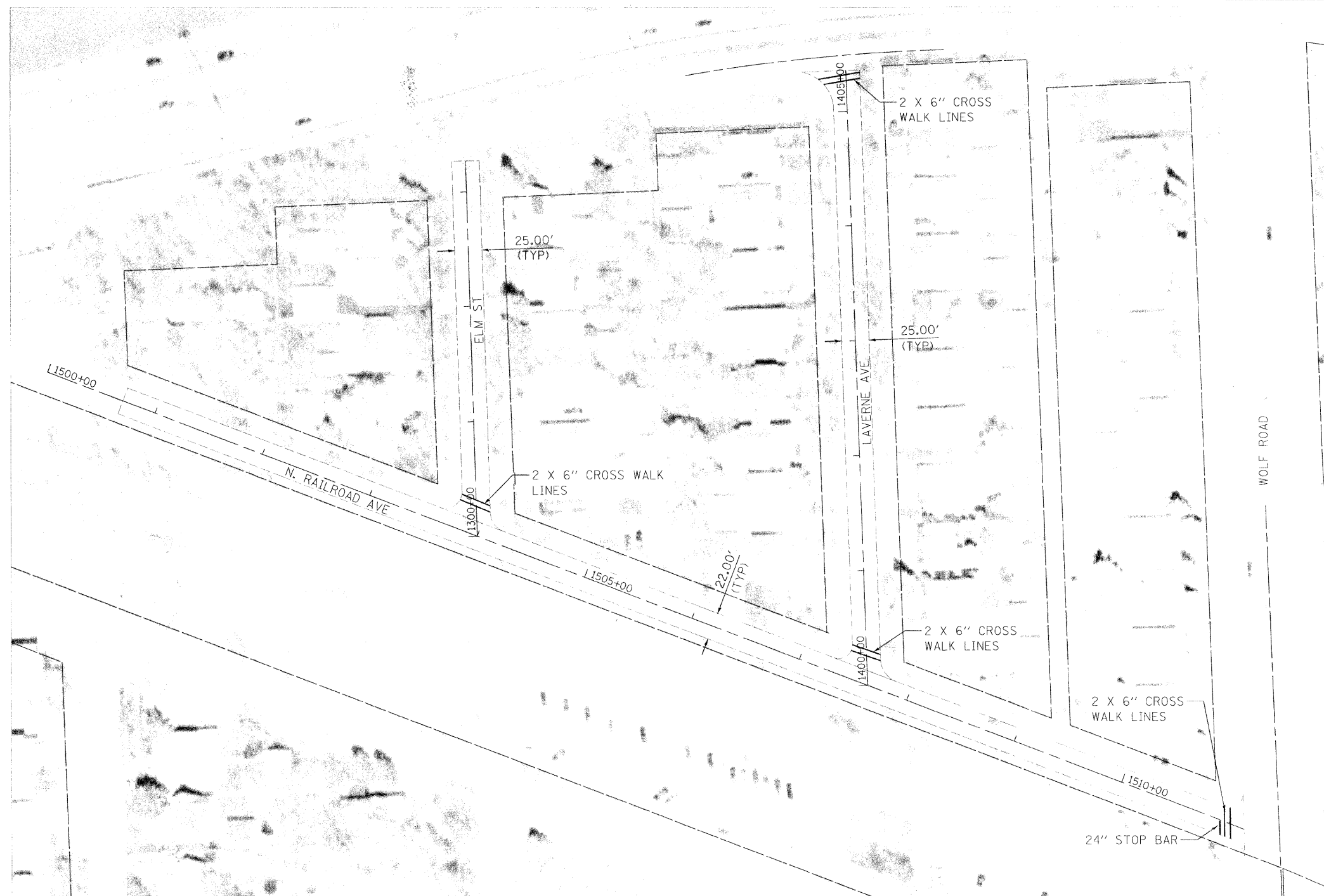
ASHBEL AVENUE, HOWARD AVENUE, IRVING AVENUE, & VAN BUREN STREET



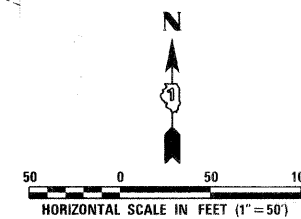
DESIGNED	DWP	REVISED	_____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ASHBEL AVENUE, HOWARD AVENUE, IRVING AVENUE (SOUTH) & VAN BUREN STREET PAVEMENT MARKING PLAN SHEET	F.A. RTE.	SECTION	QUANTITY	TOTAL SHEETS	SHEET NO.		
DRAWN	DWP	REVISED	_____			SCALE: 1" = 50'	SHEET NO. 24 OF 30 SHEETS	STA.	TO STA.	ILLINOIS	DES. AID	SUBJECT
CHECKED	SJM	REVISED	_____									
DATE	11/30/09	REVISED	_____									

HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET 26 OF 30. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.



NORTH RAILROAD AVENUE, ELM STREET, & LAVERNE AVENUE



DESIGNED	DWP
DRAWN	DWP
CHECKED	SJM
DATE	11/30/09

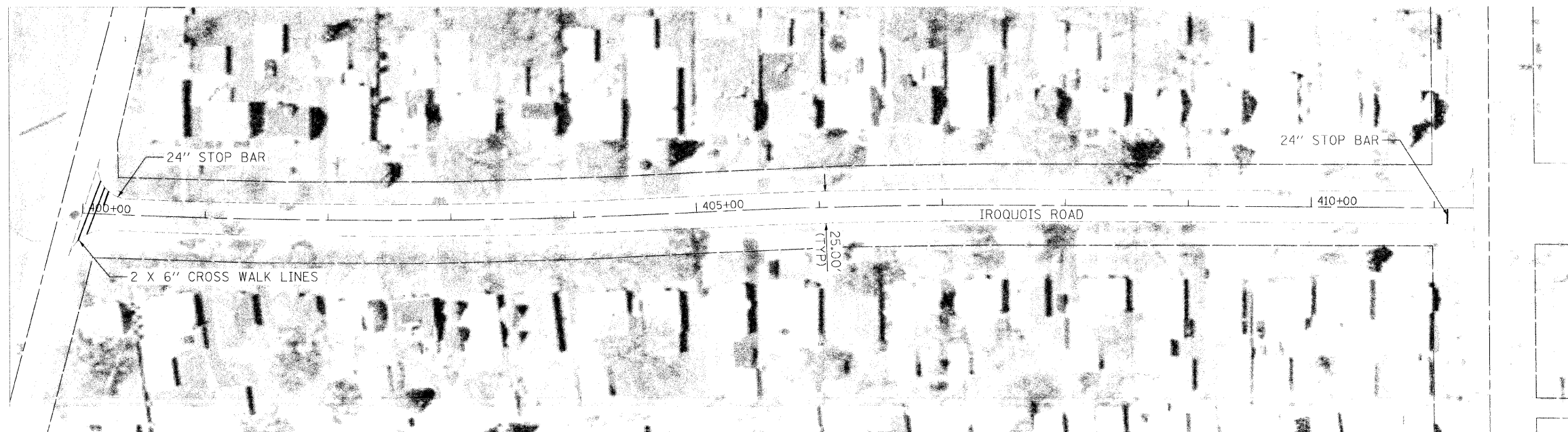
REVISED	_____
REVISED	_____
REVISED	_____
REVISED	_____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

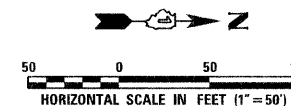
NORTH RAILROAD AVENUE, ELM STREET,
& LAVERNE AVENUE
PAVMENT MARKING PLAN SHEET

SCALE: 1" = 50' SHEET NO. 25 OF 30 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	09-00046-00-RS	COOK	30	25
CONTRACT NO. 63414				
ILLINOIS FED. AID PROJECT				

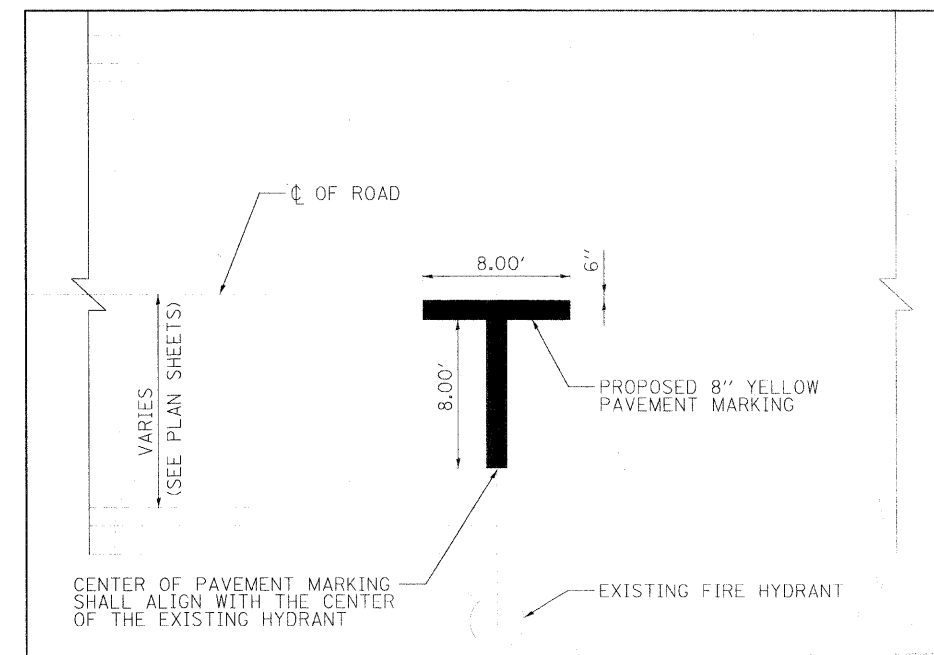


IROQUOIS ROAD



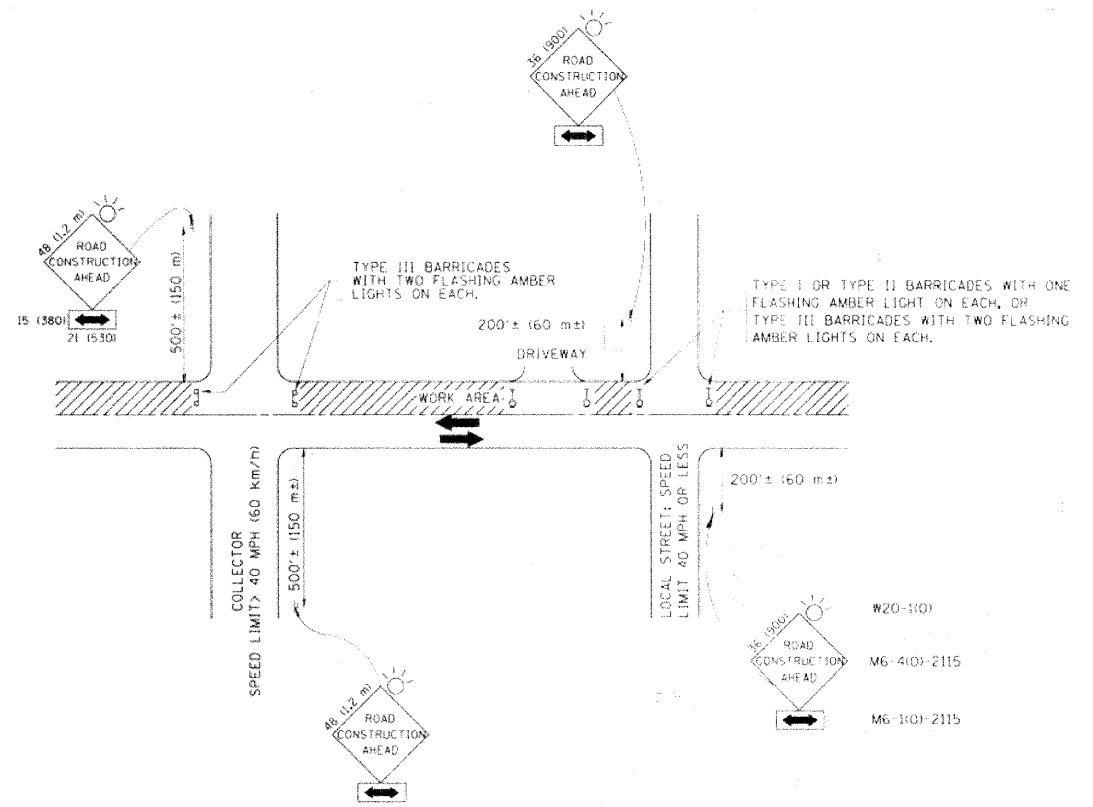
HYDRANT TEE PAVEMENT MARKINGS NOT SHOWN FOR CLARITY. SEE DETAIL SHEET THIS SHEET. SEE SCHEDULE OF QUANTITIES FOR ALL PAVEMENT MARKING LOCATIONS AND INFORMATION.

ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.



HYDRANT TEE PAVEMENT MARKING DETAIL
N.T.S.

DESIGNED DRAWN CHECKED DATE	DWP DWP SJM 11/30/09	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IROQUOIS ROAD PAVEMENT MARKING PLAN SHEET HYDRANT TEE MARKING DETAIL	F.A. RTE. SECTION 09-00046-00-R5 COUNTY COOK QUANTITY 30 TOTAL SHEET NO. 26 CONTRACT NO. 63414
		REVISED			
		REVISED			
		REVISED			
SCALE: 1" = 50' SHEET NO. 26 OF 39 SHEETS STA. TO STA.		ILLINOIS FED. HIGHWAY AID			



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

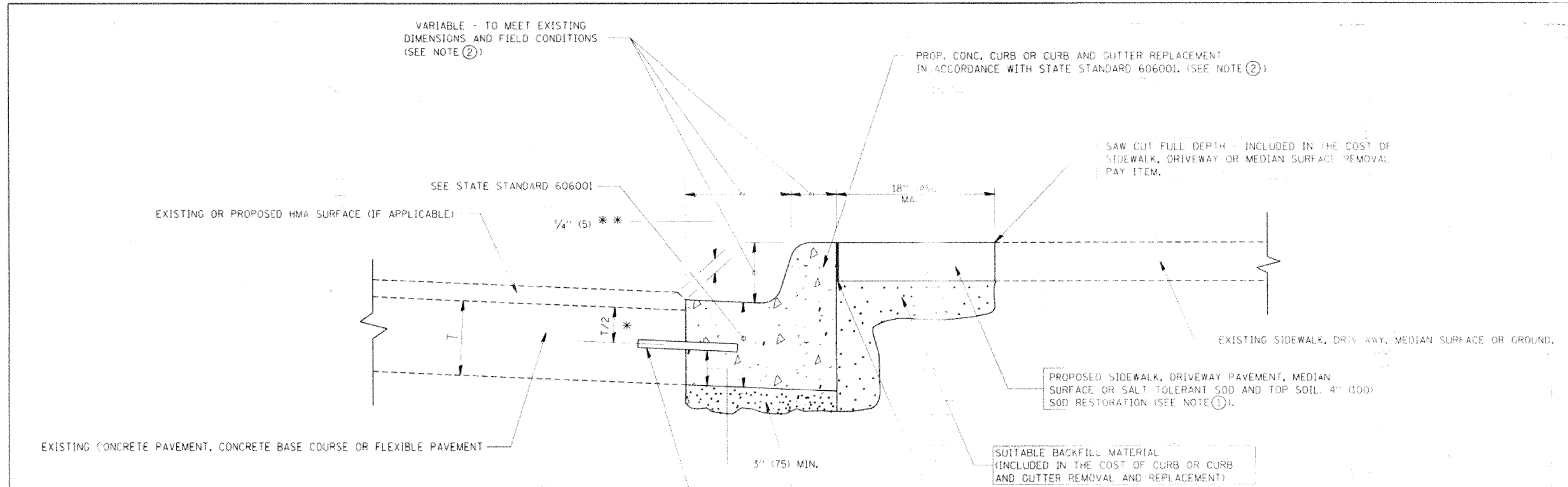
NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS:
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAYS:
- 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (12 m x 12 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).

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

FILE NAME: 40drctsm22*243*18.dwg	USER NAME: jgphelan	DESIGNED: LHA	REVISED: J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	F.A. RTE.:	SECTION:	COUNTY:	SHEET NO.:	
	PLOT SCALE: 50,000 / 1" = 1 MI.	DRAWN:	REVISED: A. HOUSEH 03-06-96			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.:	TO STA.:	FEB. 1997 (REV. NO. 1) ILLINOIS/FEED. 410 PROJECT
	PLOT DATE: 1/4/2009	CHECKED:	REVISED: A. HOUSEH 10-15-96			TC-10 CONTRACT NO.:				
		DATE: 06-89	REVISED: T. RAMMACHER 01-06-00			ILLINOIS/FEED. 410 PROJECT				

FILE NAME: 40drctsm22*243*18.dwg	USER NAME: jgphelan	DESIGNED: LHA	REVISED: J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	F.A. RTE.:	SECTION:	COUNTY:	TOTAL SHEET NO.:	
	PLOT SCALE: 50,000 / 1" = 1 MI.	DRAWN:	REVISED: A. HOUSEH 03-06-96			SCALE: N.T.S.	SHEET NO. 30 OF 30 SHEETS	STA.:	TO STA.:	30 27
	PLOT DATE: 1/4/2009	CHECKED:	REVISED: A. HOUSEH 10-15-96			TC-10 CONTRACT NO. 63414				
		DATE: 11/30/09	REVISED: T. RAMMACHER 01-06-00			ILLINOIS/FEED. 410 PROJECT				



EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

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

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

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

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

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

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

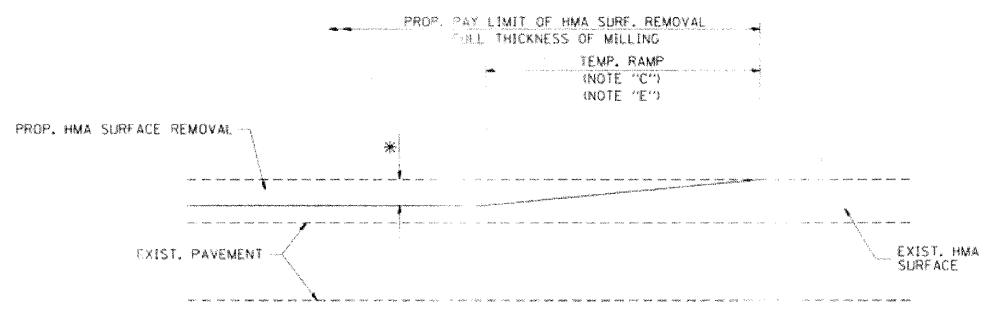
BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

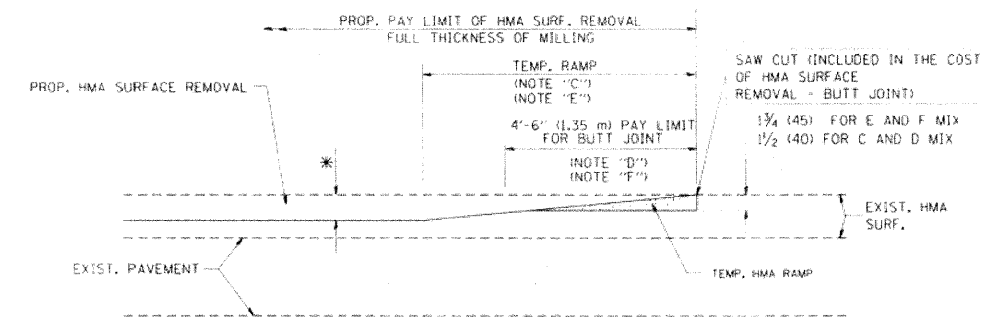
FILE NAME W:\dist\td\22-14\bd24.dwg	USER NAME gajlmon1	DESIGNED A. HOUSEH	REVISIONS 1. SHAH 10-03-96 2. ABBAS 03-21-97 3. GOMEZ 01-22-01 4. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. _____ TO STA. _____	F.A. RTE. _____ SECTION _____ COUNTY _____ TOTAL SHEETS _____ SHEET NO. _____
DRAWN _____ CHECKED _____ DATE 03-11-94				BD600-06 (BD-24) CONTRACT NO. _____ <small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>					

FILE NAME W:\dist\td\22-14\bd24.dwg	USER NAME gajlmon1	DESIGNED DWP	REVISIONS 1. _____ 2. _____ 3. _____ 4. _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	SCALE: N.T.S.	SHEET NO. 29 OF 30 SHEETS	STA. _____ TO STA. _____	F.A. RTE. _____ SECTION _____ COUNTY _____ TOTAL SHEETS _____ SHEET NO. _____
DRAWN _____ CHECKED _____ DATE 03-30-99				09-00046-00 RS CONTRACT NO. 63414 <small>ILLINOIS</small>					



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

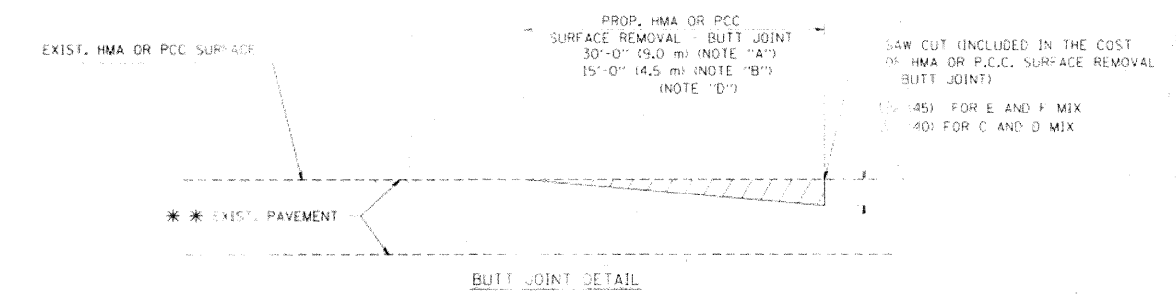
OPTION 1



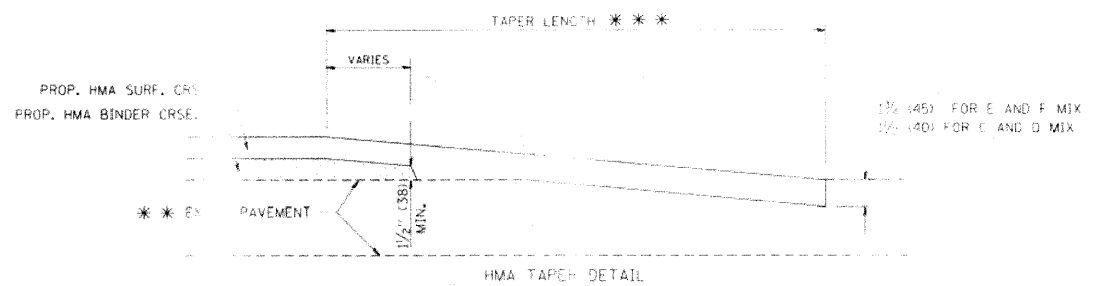
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



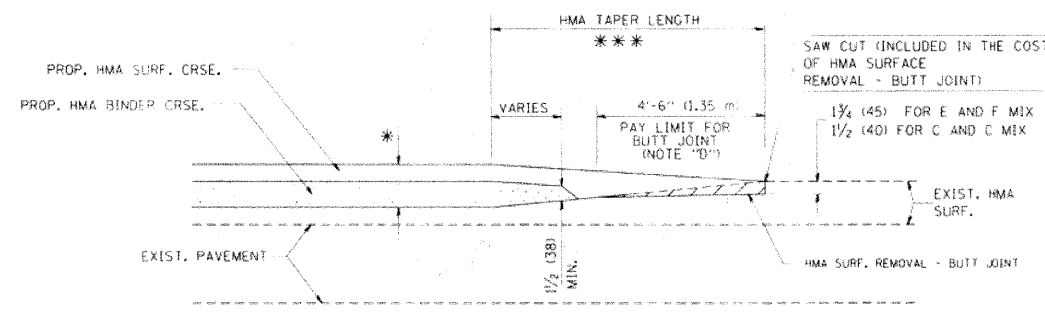
BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1' (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL - BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1' (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1' (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND-CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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

FILE NAME: \\msb\as\22\34110\04\p	USER NAME: gagliardi	DESIGNED: M. DE YONG	REVISED: R. SHAW 10-25-94
		DRAWN:	REVISED: K. BOYD 05-21-97
		CHECKED:	REVISED: W. JONES 04-06-01
		DATE: 06-13-90	REVISED: H. JONES 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
	8040B-05 B032		30
CONTRACT NO.			
FED. DIST. NO. 1 ILLINOIS FED. AID PROJECT			

DESIGNED: DWF	REVISED:
DRAWN: DWF	REVISED:
CHECKED: SWM	REVISED:
DATE: 12/1/99	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

SCALE: N.T.S. SHEET NO. 30 OF 30 SHEETS STA. TO STA.

F.A. RTE.	SECTION	TOTAL SHEET SHEETS NO.
	09-00046-00-RS	30 30
CONTRACT NO. 63414		
ILLINOIS		