

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	1
COVER SHEET			
FED. ROAD DISTRICT NO. 7	ILLINOIS	FED. AID PROJECT HPP-0224(004)	

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
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5	ASHBEL AVENUE & HILLSIDE AVENUE
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9	LEE AVENUE, MORRIS AVENUE, & RHODE AVENUE
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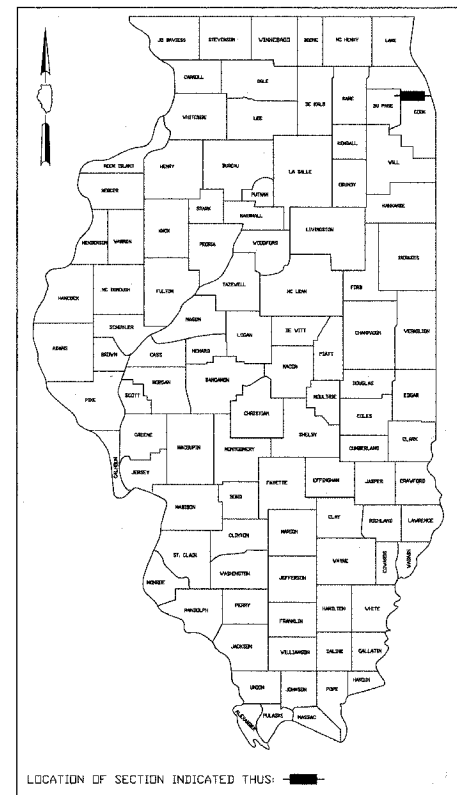
NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701501-03	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS
604001-02	FRAME AND LIDS TYPE 1

PROJECT LIMITS

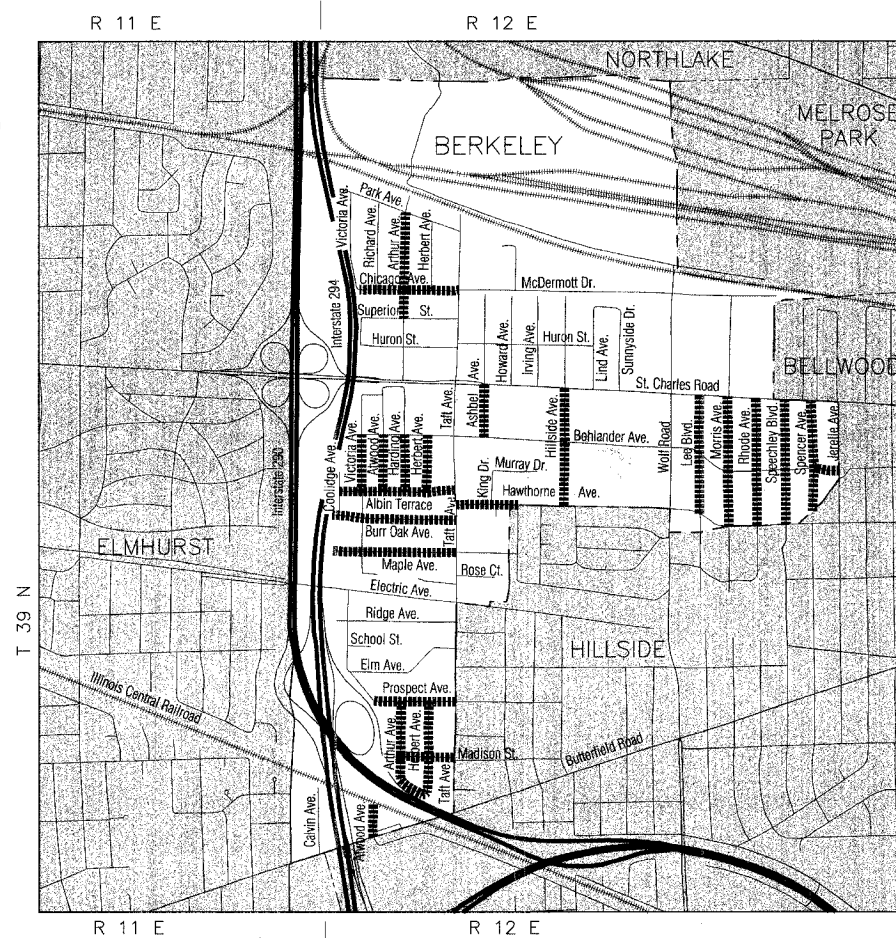
STREET	FROM	TO	NET LENGTH	
			(FT)	(MILE)
ALBIN TERRACE	COOLIDGE AVENUE	TAFT AVENUE	1,554	0.2943
ARTHUR AVENUE	PROSPECT AVENUE	HERBERT AVENUE	1,130	0.2140
ARTHUR AVENUE	MADISON STREET	PROSPECT AVENUE	681	0.1290
ARTHUR AVENUE	SUPERIOR STREET	PARK AVENUE	1,323	0.2506
ASHBEL AVENUE	BOHLANDER AVENUE	ST. CHARLES ROAD	669	0.1267
ATWOOD AVENUE	BUTTERFIELD ROAD	I-290	409	0.0775
ATWOOD AVENUE	ALBIN TERRACE	BOHLANDER AVENUE	655	0.1241
BOHLANDER AVENUE	SPENCER AVENUE	JERELLE AVENUE	346	0.0655
BURR OAK AVENUE	I-294	TAFT AVENUE	346	0.0655
CHICAGO STREET	VICTORIA AVENUE	TAFT AVENUE	1,255	0.2377
HARDING AVENUE	ALBIN TERRACE	BOHLANDER AVENUE	655	0.1241
HAWTHORNE AVENUE	TAFT AVENUE	BIRCH AVENUE	529	0.1002
HERBERT AVENUE	ARTHUR AVENUE	PROSPECT AVENUE	681	0.1290
HERBERT AVENUE	ALBIN TERRACE	BOHLANDER AVENUE	655	0.1241
HILLSIDE AVENUE	HAWTHORNE AVENUE	BOHLANDER AVENUE	731	0.1384
HILLSIDE AVENUE	BOHLANDER AVENUE	ST. CHARLES ROAD	733	0.1388
LEE BOULEVARD	HAWTHORNE AVENUE	BOHLANDER AVENUE	735	0.1392
LEE BOULEVARD	BOHLANDER AVENUE	ST. CHARLES ROAD	680	0.1288
MADISON STREET	ARTHUR AVENUE	TAFT AVENUE	837	0.1585
MAPLE AVENUE	I-294	TAFT AVENUE	563	0.1066
MORRIS AVENUE	HAWTHORNE AVENUE	BOHLANDER AVENUE	656	0.1242
MORRIS AVENUE	BOHLANDER AVENUE	ST. CHARLES ROAD	897	0.1699
PROSPECT AVENUE	COOLIDGE AVENUE	TAFT AVENUE	997	0.1888
RHODE AVENUE	HAWTHORNE AVENUE	BOHLANDER AVENUE	643	0.1218
RHODE AVENUE	BOHLANDER AVENUE	ST. CHARLES ROAD	873	0.1653
SPEECHLEY AVENUE	HAWTHORNE AVENUE	BOHLANDER AVENUE	642	0.1216
SPEECHLEY AVENUE	BOHLANDER AVENUE	ST. CHARLES ROAD	846	0.1602
SPENCER AVENUE	HAWTHORNE AVENUE	ST. CHARLES ROAD	1,363	0.2581
VICTORIA AVENUE	ALBIN TERRACE	BOHLANDER AVENUE	655	0.1241
NET TOTAL			22,739 FT	4.307 MI

POSTED SPEEDS: 25 M.P.H.
2007 ADT: <500 (FOR EACH STREET)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED FEDERAL AID PROJECT
VARIOUS STREETS
SECTION 06-00031-00-PV
PROJECT NO. HPP-0224(004)
RESURFACING
COOK COUNTY
C-91-126-07

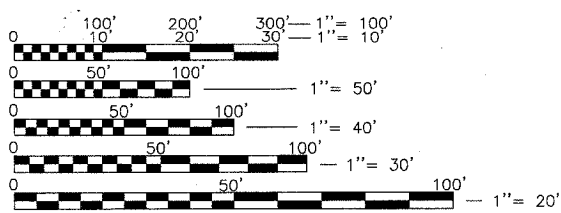


PROJECT LOCATED IN VILLAGE OF BERKELEY



LOCATION MAP (NOT TO SCALE)

NET AND GROSS PROJECT LENGTH: 22,084 FT. (4.183 MI)



CONTRACT NO. 83918

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.

THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, SHALL GOVERN THIS WORK.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED FEB. 22 2007
[Signature]
VILLAGE OF BERKELEY, DIRECTOR OF PUBLIC WORKS

PASSED APRIL 4 2007
[Signature] CHRISTOPHER HOLT
DISTRICT ONE/ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW April 4 2007
[Signature] Diane O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER



[Signature] Derek R. Mall
REGISTERED P.E., STATE OF ILLINOIS 11/30/07 EXPIRES

PLANS PREPARED BY:

CIVILTECH
450 E. Devco Ave./Suite 300 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com

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FEDERAL AID DESIGN ENGINEER: ABIGAIL WILGREEN 847-705-4233 SCHAUMBURG, IL
CONSULTANT ENGINEER: DEREK MALL, P.E. CIVILTECH ENGINEERING, INC.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	2
GENERAL NOTES & TYPICAL SECTIONS			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT HPP-0224(004)	

GENERAL

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISION", ADOPTED JANUARY 1, 2007; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAY", (IMUTCD); THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO "STANDARD" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST I.D.O.T. STANDARD.

THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK.

THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF BERKELEY, ROBERT LAREM, AT (708) 449-8840 72 HOURS PRIOR TO THE COMMENCEMENT OF WORK.

THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING CONSTRUCTION. THRU TRAFFIC IS TO BE PERMITTED DURING CONSTRUCTION EXCEPT FOR BRIEF PERIODS OF TIME, AS APPROVED BY THE ENGINEER. THE CONTRACTOR IS TO UTILIZE APPROPRIATE TRAFFIC CONTROL DEVICES AS SHOWN IN THE PLANS. THIS WORK SHALL BE PAID FOR AS "TRAFFIC CONTROL AND PROTECTION."

THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES BEING UNABLE TO VISIT THE SITE AND PERFORM TESTING WILL CAUSE THE CONTRACTOR TO SUSPEND OPERATION TO BE TESTED UNTIL TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. NO COMPENSATION WILL BE PROVIDED FOR FAILURE TO HAVE PROPER TESTING AGENCIES ONSITE WHEN REQUIRED.

CONSTRUCTION ACTIVITIES MAY OCCUR BETWEEN 7:00 A.M. AND 7:00 P.M. MONDAY THROUGH FRIDAY AND 8:30 A.M. TO 5:00 P.M. ON SATURDAYS. CONSTRUCTION ACTIVITIES ON SUNDAY ARE PROHIBITED. NO WORK WILL BE PERFORMED ON HOLIDAYS OBSERVED IN ILLINOIS. CONSTRUCTION ACTIVITIES ARE IDENTIFIED AS THE OPERATION OF HEAVY EQUIPMENT, INCLUDING BUT NOT LIMITED TO THE WARMING UP OF ANY PIECE OF EQUIPMENT OR TURNING ON ENGINES. CONSTRUCTION ACTIVITIES SHALL NOT BEGIN BEFORE 7:00 A.M.

UTILITIES

THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THEIR ACCURACY IS NOT GUARANTEED. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY OWNERS SO THAT THEIR FACILITIES MAY BE ADJUSTED OR RELOCATED, IF NECESSARY, PRIOR TO CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE PROPERTY IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.20 OF THE "STANDARD SPECIFICATIONS" AND SHALL RESTORE SUCH PROPERTY AT HIS OWN EXPENSE. COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES IN ACCORDANCE WITH STATE LAW.

DRAINAGE

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE CLEANED AND FREE FROM DIRT AND DEBRIS PER ARTICLE 104.06.

ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12" IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.

MISCELLANEOUS

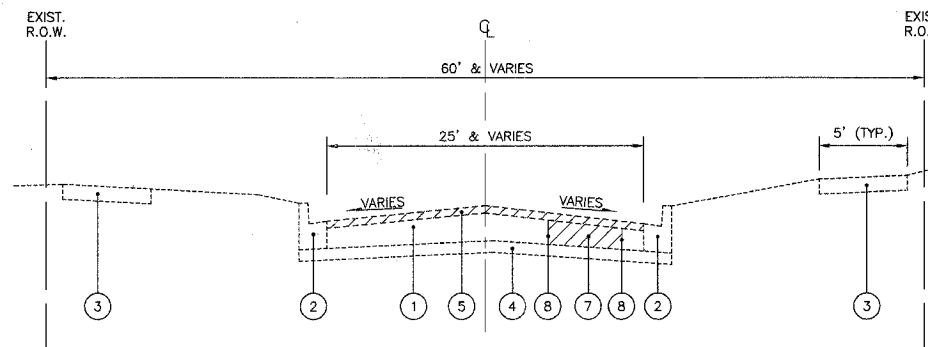
THE CONTRACTOR SHALL MAINTAIN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

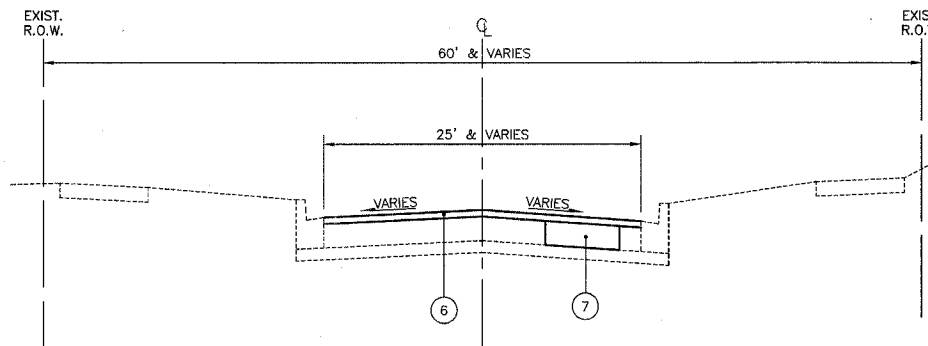
THE CONTRACTOR SHALL SAW CUT (PARTIAL DEPTH) THE JOINTS AT THE LIMITS OF RESURFACING AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL SAW CUT (FULL DEPTH) AT THE LIMITS OF FULL DEPTH PATCHING LOCATIONS AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER. ALL SAWCUTTING SHALL BE INCLUDED IN THE COST OF REMOVAL ITEMS, AND SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL UNLESS OTHERWISE NOTED.

THE CONTRACTOR SHALL BE REQUIRED TO DISPOSE OF GRINDINGS, BAD FRAME AND GRATES, EXCAVATED MATERIAL, AND ALL DEBRIS FROM CONSTRUCTION OPERATIONS, AT HIS EXPENSE. NO PAYMENT WILL BE MADE FOR HAULING OR TRUCKING MATERIAL TO A LOCATION, PROVIDED BY THE CONTRACTOR, OUTSIDE THE LIMITS OF THE IMPROVEMENT. STOCKPILING OF EXCAVATED MATERIAL OR DEBRIS IS NOT ALLOWED.

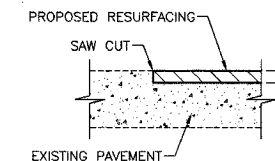
THE QUANTITIES FOR CLASS D PATCHES, TYPE I-IV WILL NOT EXCEED WHAT IS STATED IN THE SUMMARY OF QUANTITIES.



EXISTING TYPICAL SECTION
ALL STREETS IN PROJECT



PROPOSED TYPICAL SECTION
ALL STREETS IN PROJECT



BUTT-JOINT DETAIL

LEGEND

- ① EXISTING BITUMINOUS PAVEMENT
- ② EXISTING CONCRETE CURB AND GUTTER
- ③ EXISTING P.C.C. SIDEWALK
- ④ EXISTING SUBGRADE
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ⑦ CLASS D PATCH (BASE COURSE WILL BE A MINIMUM OF 6")
- ⑧ SAW CUT (FULL DEPTH)

HOT-MIX ASPHALT MIXTURE REQUIREMENT

ITEM	AC TYPE	VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG 64-22	4% @ 50 GYR.
CLASS D PATCHES, TYPE I-IV, 6 INCH, IL-19 mm	PG 64-22	4% @ 70 GYR.

NOTE: THE UNIT WEIGHT TO CALCULATE ALL H.M.A. SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/INCH THICKNESS

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES & TYPICAL SECTIONS

DATE: 2-23-07
CHECKED BY: D.N.M.

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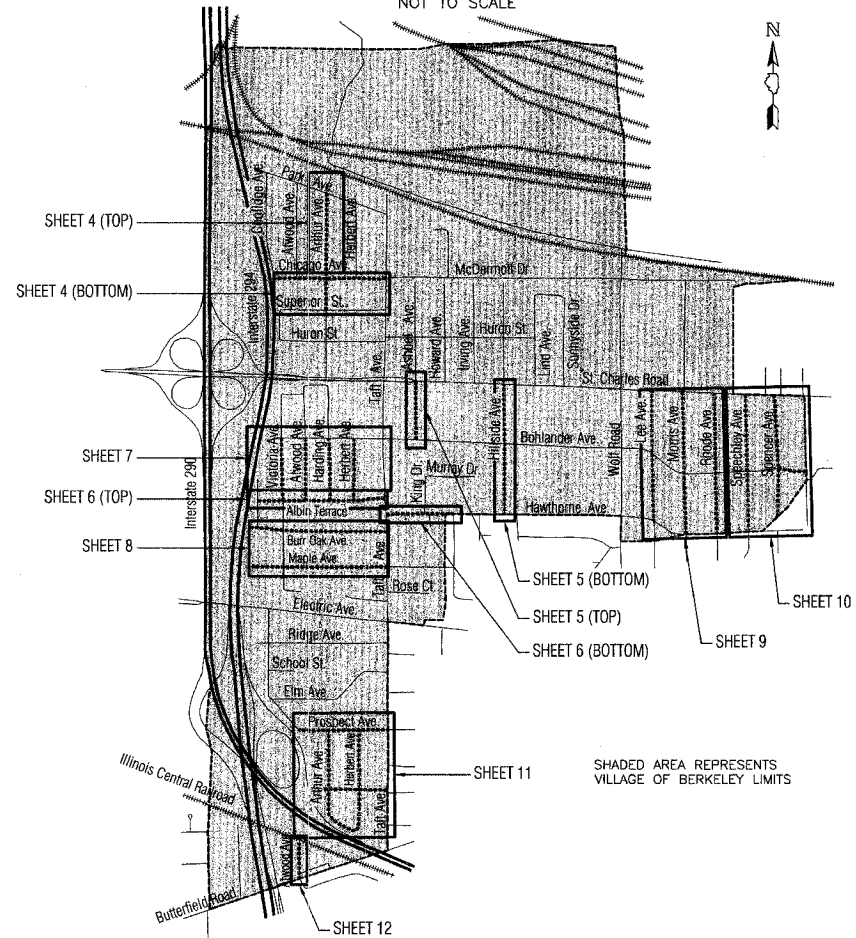
SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	3
SUMMARY OF QUANTITIES & LOCATION MAP			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT HPP-0224(004)	

ITEM NO.	DESCRIPTION	UNIT	TOTAL (CONSTRUCTION TYPE CODE 1000-2A)	CHICAGO STREET (SHEET NO. 4)	ARTHUR AVENUE (SHEET NO. 4)	ASHBEL AVENUE (SHEET NO. 5)	HILLSIDE AVENUE (SHEET NO. 5)	ALBIN TERRACE (SHEET NO. 6)	HAWTHORNE AVENUE (SHEET NO. 6)	VICTORIA AVENUE (SHEET NO. 7)	ATWOOD AVENUE (SHEET NO. 7)	HARDING AVENUE (SHEET NO. 7)	HERBERT AVENUE (SHEET NO. 7)	BURR OAK AVENUE (SHEET NO. 8)	MAPLE AVENUE (SHEET NO. 8)	LEE AVENUE (SHEET NO. 9)	MORRIS AVENUE (SHEET NO. 9)	RHODE AVENUE (SHEET NO. 9)	SPEECHLEY AVENUE (SHEET NO. 10)	SPENCER AVENUE (SHEET NO. 10)	BOHLANDER AVENUE (SHEET NO. 10)	PROSPECT AVENUE (SHEET NO. 11)	ARTHUR AVENUE (SHEET NO. 11)	HERBERT AVENUE (SHEET NO. 11)	MADISON AVE. (SHEET NO. 11)	ATWOOD AVENUE (SHEET NO. 12)
40600300	AGGREGATE (PRIME COAT)	TON	70	4	4	2	4	4	2	2	2	2	4	4	4	4	4	4	4	4	1	3	2	2	3	1
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	76	4	4	2	4	4	2	2	2	2	4	5	5	5	5	5	5	5	4	1	3	2	2	3
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	7608	396	406	188	436	436	167	215	215	216	425	475	510	455	490	482	475	436	92	308	210	215	260	100
40800010	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	6886	353	362	168	387	389	149	192	192	193	498	424	455	402	434	427	419	389	82	275	187	192	230	87
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	68818	3530	3621	1675	3871	3892	1485	1915	1916	1928	4980	4235	4550	4023	4335	4267	4193	3885	822	2745	1865	1915	2300	870
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	688	35	36	17	39	39	15	19	19	19	50	42	46	40	43	43	42	39	8	27	19	19	23	9
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	2754	141	145	67	155	156	59	77	77	77	199	169	182	161	173	171	168	155	33	110	75	77	92	35
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	2754	141	145	67	155	156	59	77	77	77	199	169	182	161	173	171	168	155	33	110	75	77	92	35
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	688	35	36	17	39	39	15	19	19	19	50	42	46	40	43	43	42	39	8	27	19	19	23	9
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	185	8	7	3	8	17	7	3	4	5	8	9	16	13	14	9	11	8	2	11	6	4	7	5
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	99	4	5	2	4	6	5	1	1	1	5	7	9	6	6	6	6	6	2	7	3	1	4	2
67100100	MOBILIZATION	L SUM	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2661	154	313	54	150	114	70	112	112	112	212	58	198	54	54	52	100	52	0	74	168	112	336	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	790	36	73	12	38	36	12	24	24	24	49	36	36	73	73	50	50	36	12	12	36	36	12	0

* SPECIALITY ITEM

PLAN SHEET KEY MAP

NOT TO SCALE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

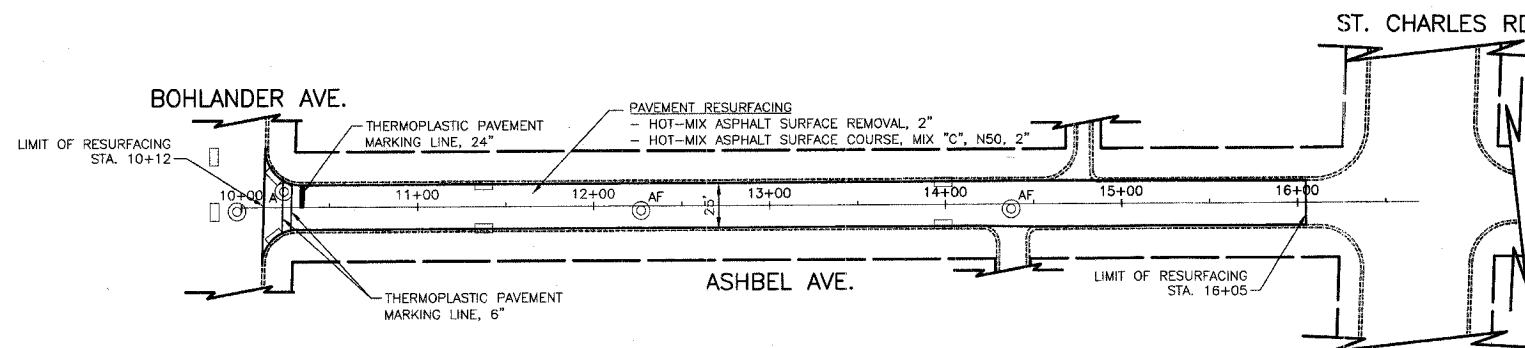
SUMMARY OF QUANTITIES & KEY MAP

DATE: 2-23-07
CHECKED BY: D.N.M.

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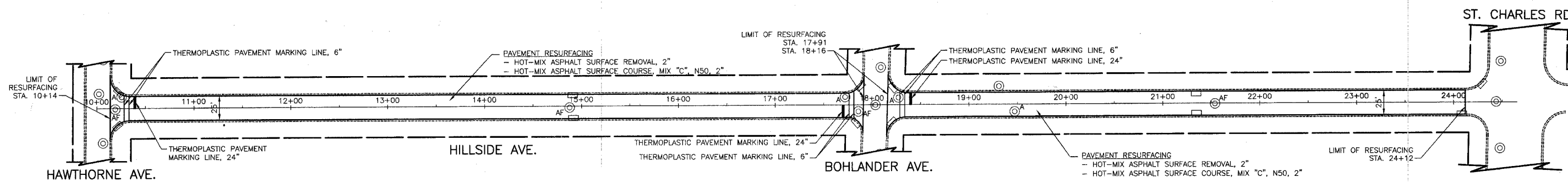
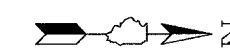


SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	5
ASHBEL AVENUE & HILLSIDE AVENUE			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT HPP-0224(004)			



LEGEND

- A FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- AF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
FRAMES AND LIDS, TYPE 1, CLOSED LID
- ⊙ EXISTING MANHOLE
- EXISTING INLET



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN

ASHBEL AVENUE (BOHLANDER AVE. TO ST. CHARLES RD.)
HILLSIDE AVENUE (HAWTHORNE AVE. TO ST. CHARLES RD.)

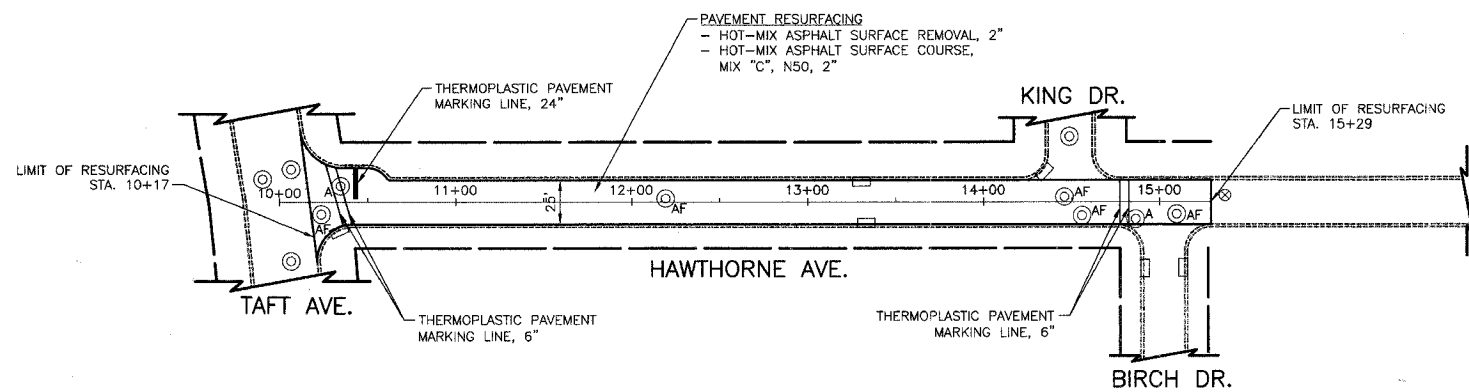
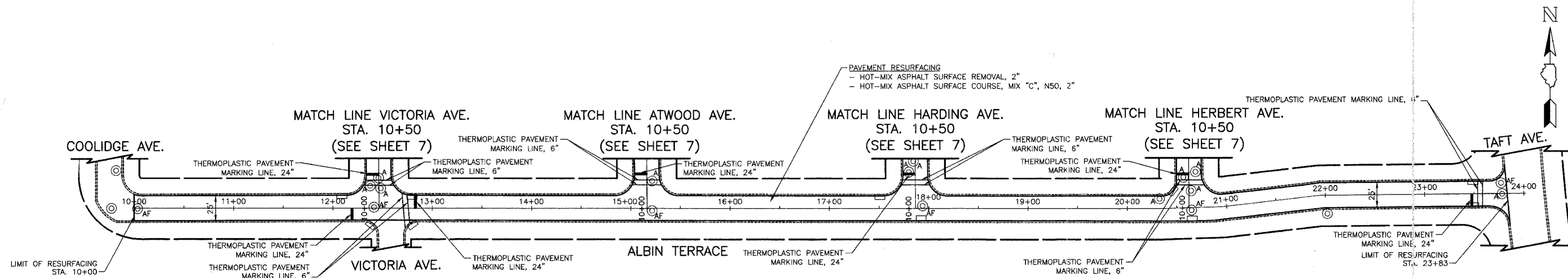
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DATE: 2-23-07
CHECKED BY: D.N.M.

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SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	6
ALBIN TERRACE & HAWTHORNE AVENUE			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT HPP-0224(00)	



LEGEND

- A FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- AF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
FRAMES AND LIDS, TYPE 1, CLOSED LID
- ⊙ EXISTING MANHOLE
- EXISTING INLET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN

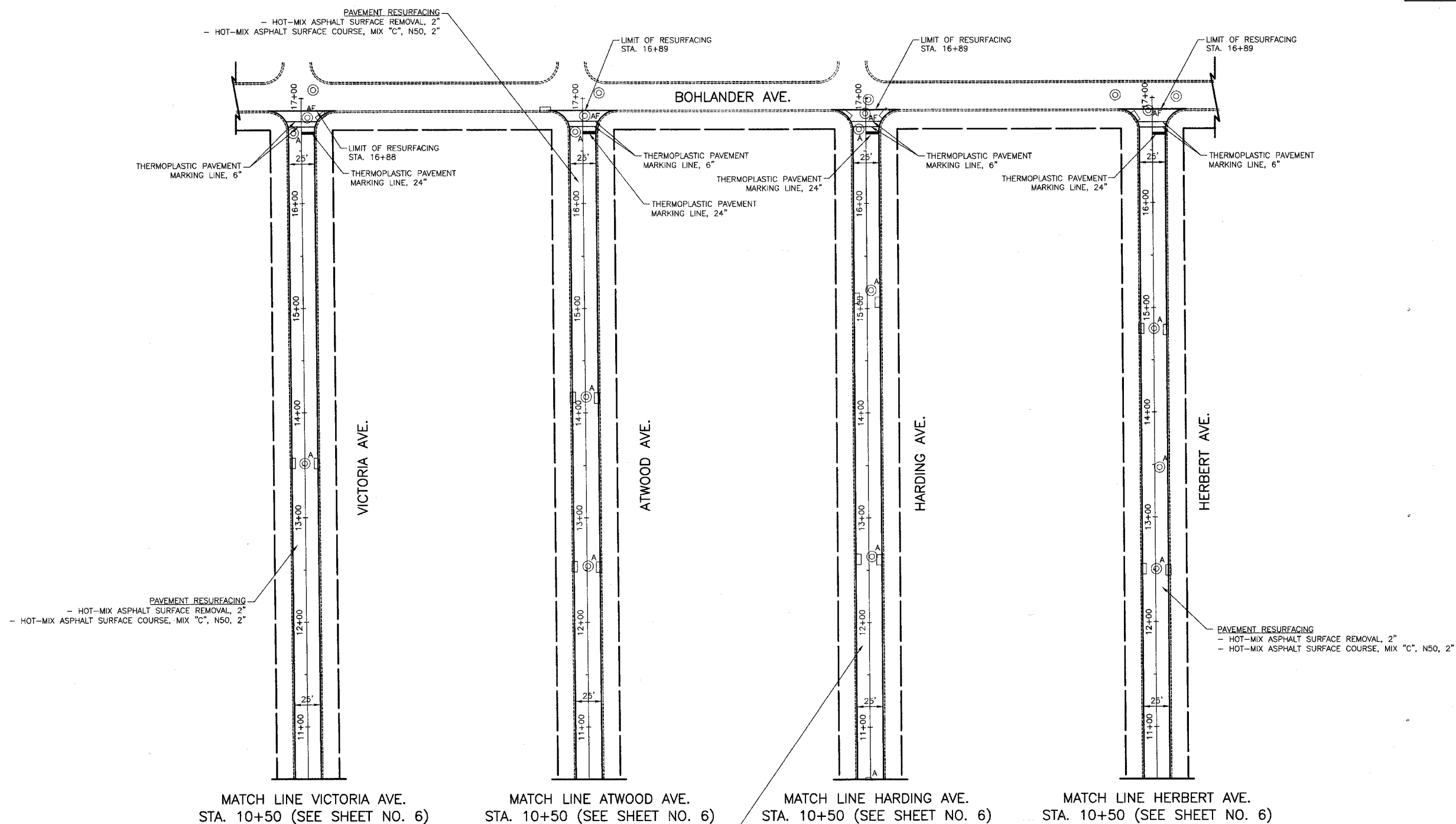
ALBIN TERRACE (COOLIDGE AVE. TO TAFT AVE.)
HAWTHORNE AVENUE (TAFT AVE. TO BIRCH AVE.)

HORIZ: 50 0 50
SCALE IN FEET
DATE: 2-23-07
CHECKED BY: D.N.M.

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SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	7
VICTORIA AVENUE, ATWOOD AVENUE, HARDING AVENUE, & HERBERT AVENUE			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT HPP-0224(004)	



LEGEND

- A FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- AF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
FRAMES AND LIDS, TYPE 1, CLOSED LID
- ⊙ EXISTING MANHOLE
- EXISTING INLET

PAVEMENT RESURFACING
- HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN

VICTORIA AVENUE, ATWOOD AVENUE, HARDING AVENUE,
& HERBERT AVENUE (ALBIN TERR. TO BOHLANDER AVE.)

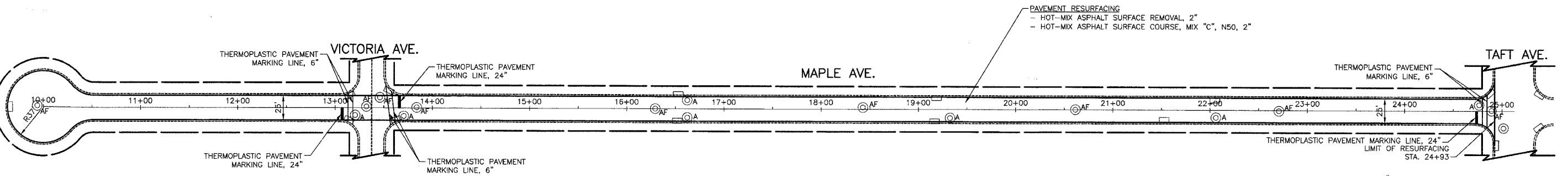
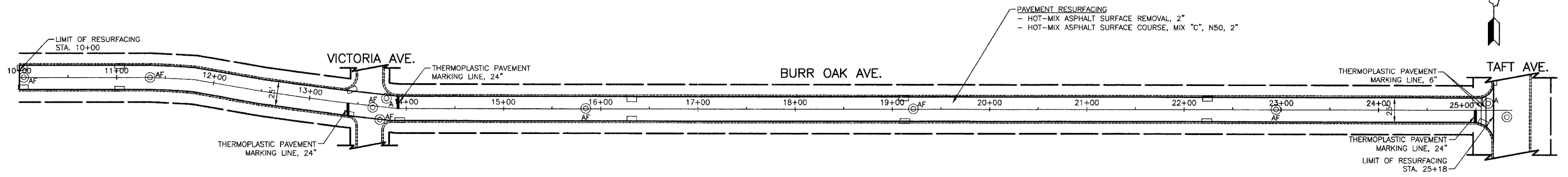
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DATE: 2-23-07
CHECKED BY: D.N.M.

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PLOTTED: Friday, 23 Feb 2007 -- 7:06am
SAVED: Thursday, 22 Feb 2007 -- 4:49pm



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	8
BURR OAK AVENUE & MAPLE AVENUE			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT HPP-0224(00A)			



LEGEND

- A FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- AF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
FRAMES AND LIDS, TYPE 1, CLOSED LID
- ⊙ EXISTING MANHOLE
- EXISTING INLET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN

BURR OAK AVENUE (COOLIDGE AVE. TO TAFT AVE.)
MAPLE AVENUE (COOLIDGE AVE. TO TAFT AVE.)

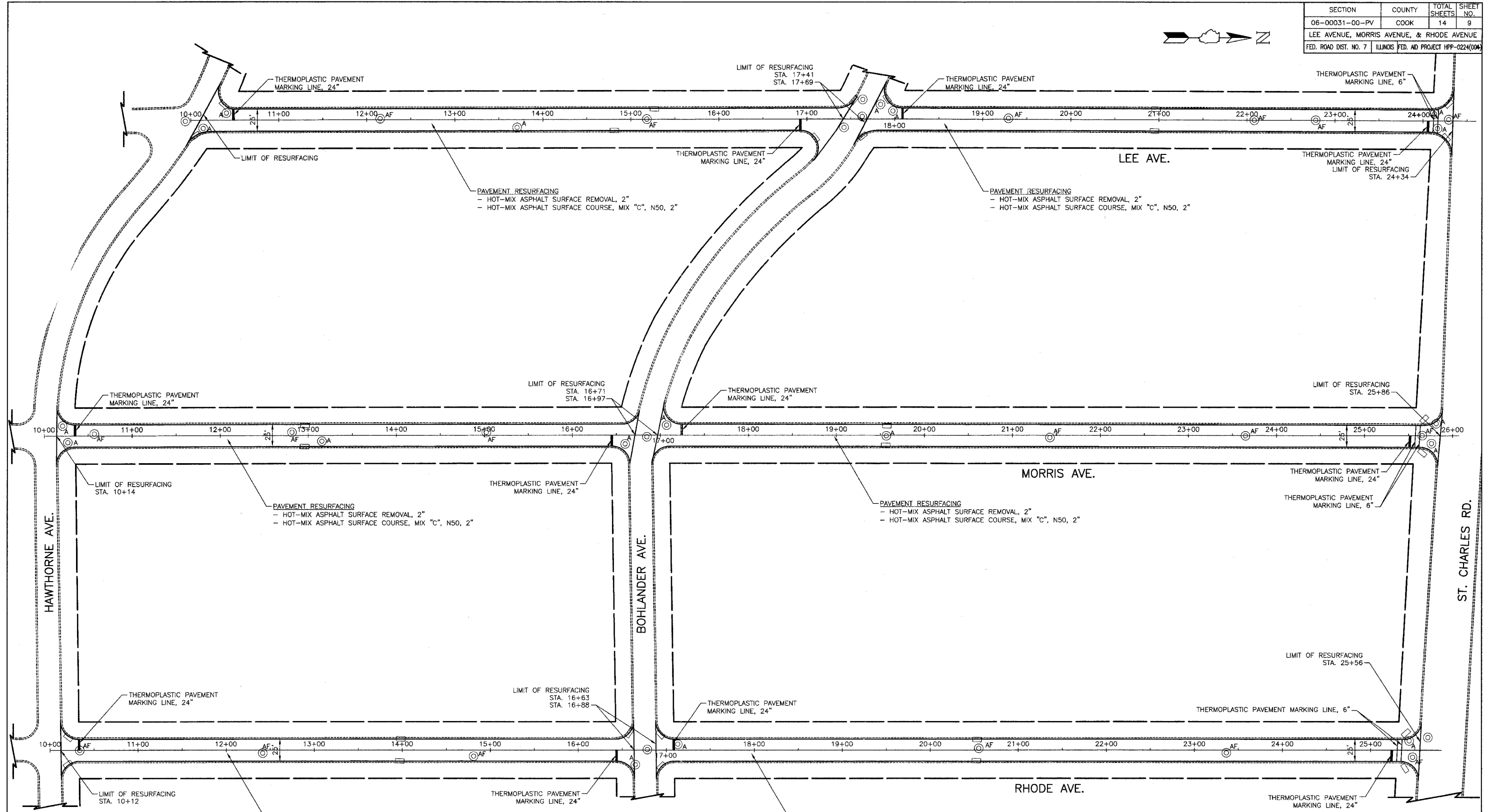
HORIZ: 50 0 50
SCALE IN FEET

DATE: 2-23-07
CHECKED BY: D.N.M.

.. \1974_plan_05.dwg[layout1]
PLOTTED: Friday, 23 Feb 2007 - 7:06am
SAVED: Thursday, 22 Feb 2007 - 4:33pm



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	9
LEE AVENUE, MORRIS AVENUE, & RHODE AVENUE			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT HFP-0224(00A)			



LEGEND

- A FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- AF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
FRAMES AND LIDS, TYPE 1, CLOSED LID
- ⊙ EXISTING MANHOLE
- EXISTING INLET

PAVEMENT RESURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"

PAVEMENT RESURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN

LEE AVENUE, MORRIS AVENUE, & RHODE AVENUE
 (BOHLANDER AVE. TO ST. CHARLES RD.)

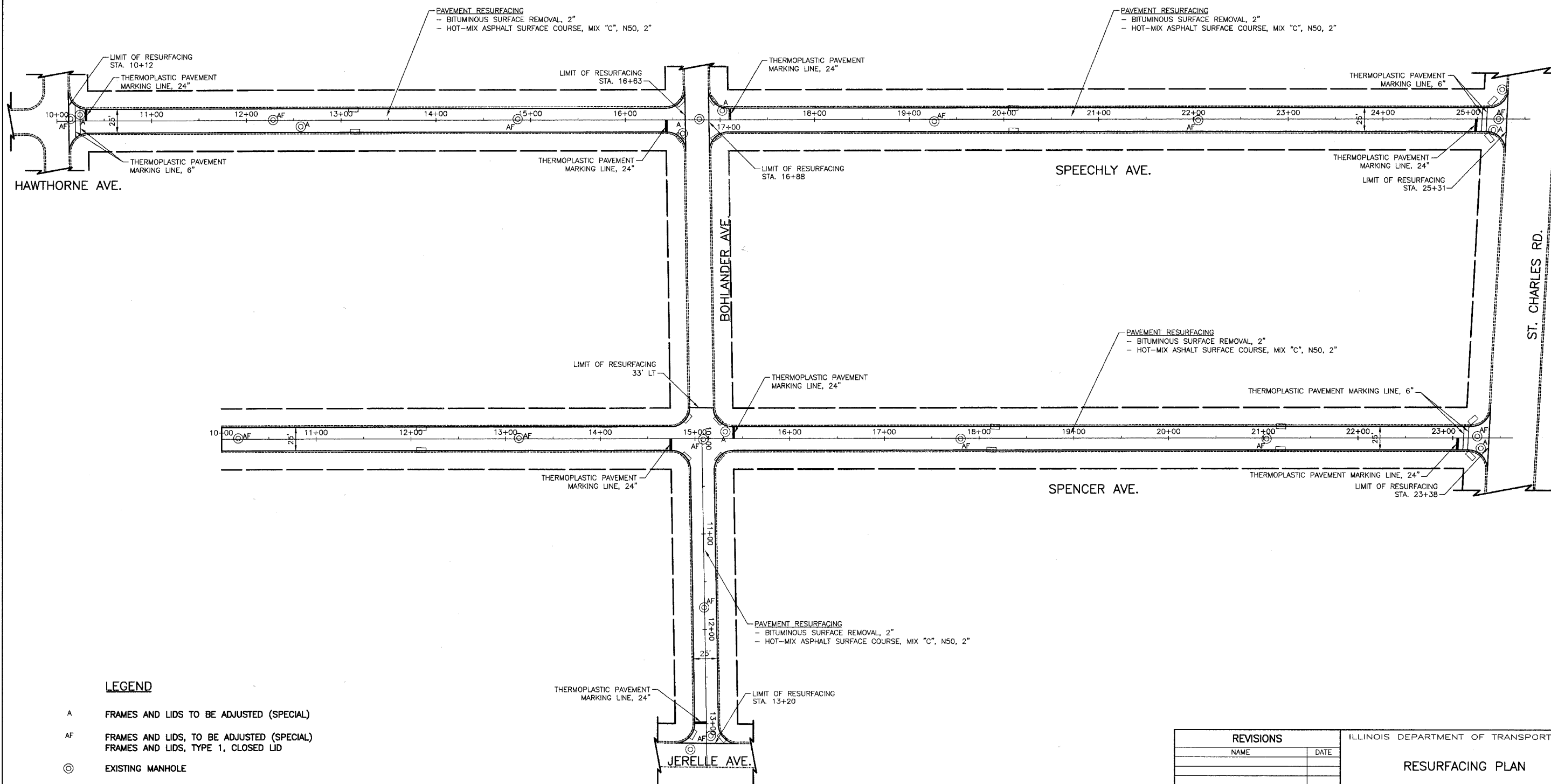
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 SCALE IN FEET

DATE: 2-23-07
 CHECKED BY: D.N.M.

..\\1974_plan_06.dwg[Layout1]
 PLOTTED: Friday, 23 Feb 2007 - 7:07am
 SAVED: Thursday, 22 Feb 2007 - 4:33pm



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	10
SPEECHLEY AVENUE, SPENCER AVENUE, & BOHLANDER AVENUE			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT HFP-0224(004)			



LEGEND

- A FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- AF FRAMES AND LIDS, TO BE ADJUSTED (SPECIAL)
FRAMES AND LIDS, TYPE 1, CLOSED LID
- ⊙ EXISTING MANHOLE
- EXISTING INLET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN

SPEECHLEY AVENUE (HAWTHORNE AVE. TO ST. CHARLES RD.), SPENCER AVENUE (END TO ST. CHARLES RD.) & BOHLANDER AVENUE (SPANCER AVE. TO JERELLE AVE.)

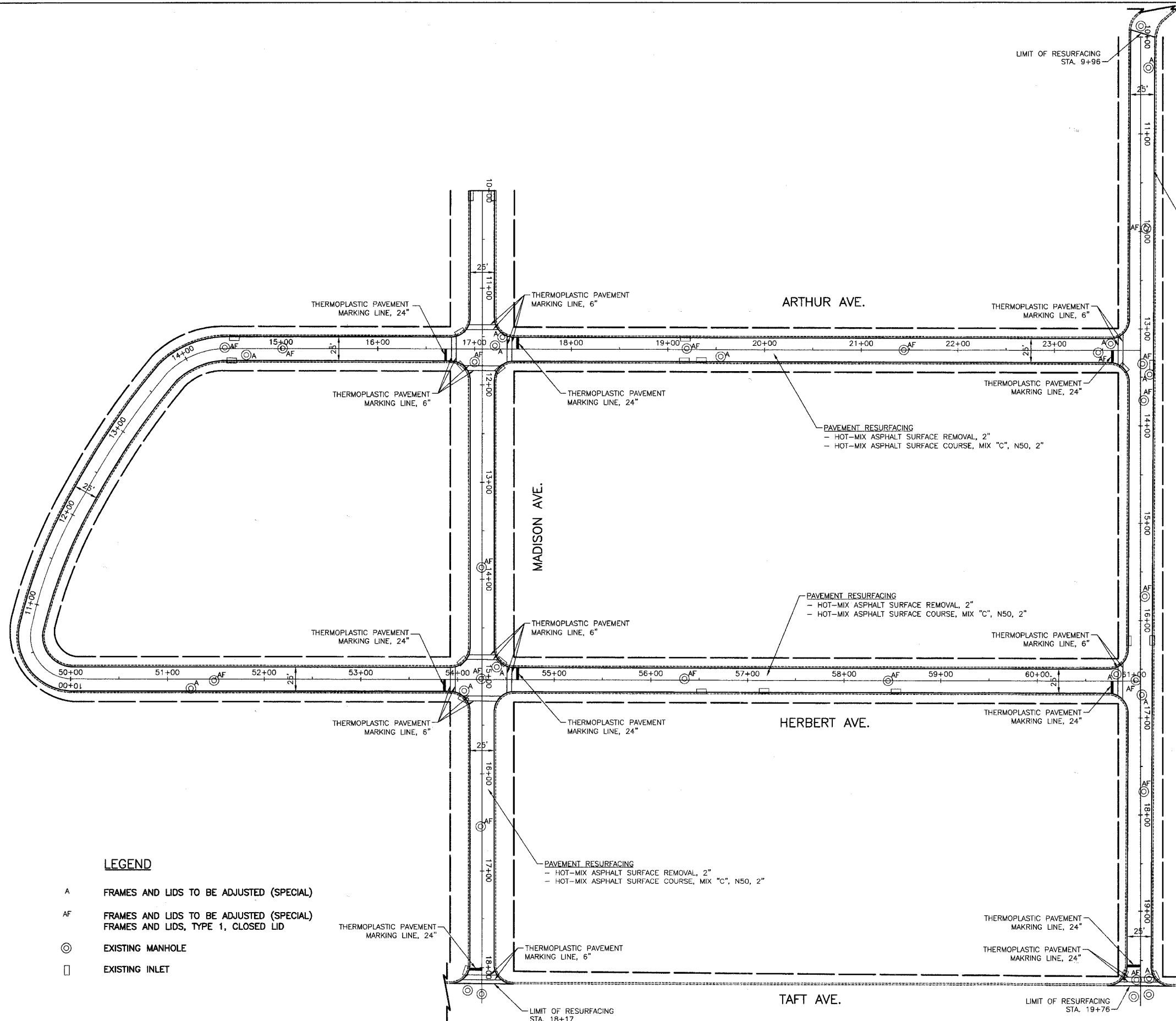
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DATE: 2-23-07
CHECKED BY: D.N.M.

..\\19\4_plan_07.dwg[Layout1]
PLOTTED: Friday, 23 Feb 2007 - 7:07am
SAVED: Thursday, 22 Feb 2007 - 4:31pm



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	11
PROSPECT AVENUE, MADISON AVENUE, ARTHUR AVENUE, & HERBERT AVENUE			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT HPP-0224(004)			



PAVEMENT RESURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"

PAVEMENT RESURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"

PAVEMENT RESURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"

PAVEMENT RESURFACING
 - HOT-MIX ASPHALT SURFACE REMOVAL, 2"
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"

LEGEND

- A FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- AF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
FRAMES AND LIDS, TYPE 1, CLOSED LID
- ⊙ EXISTING MANHOLE
- EXISTING INLET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN

PROSPECT AVENUE & MADISON AVENUE (END TO TAFT AVE.)
 ARTHUR AVENUE & HERBERT AVENUE (PROSPECT AVE TO END)

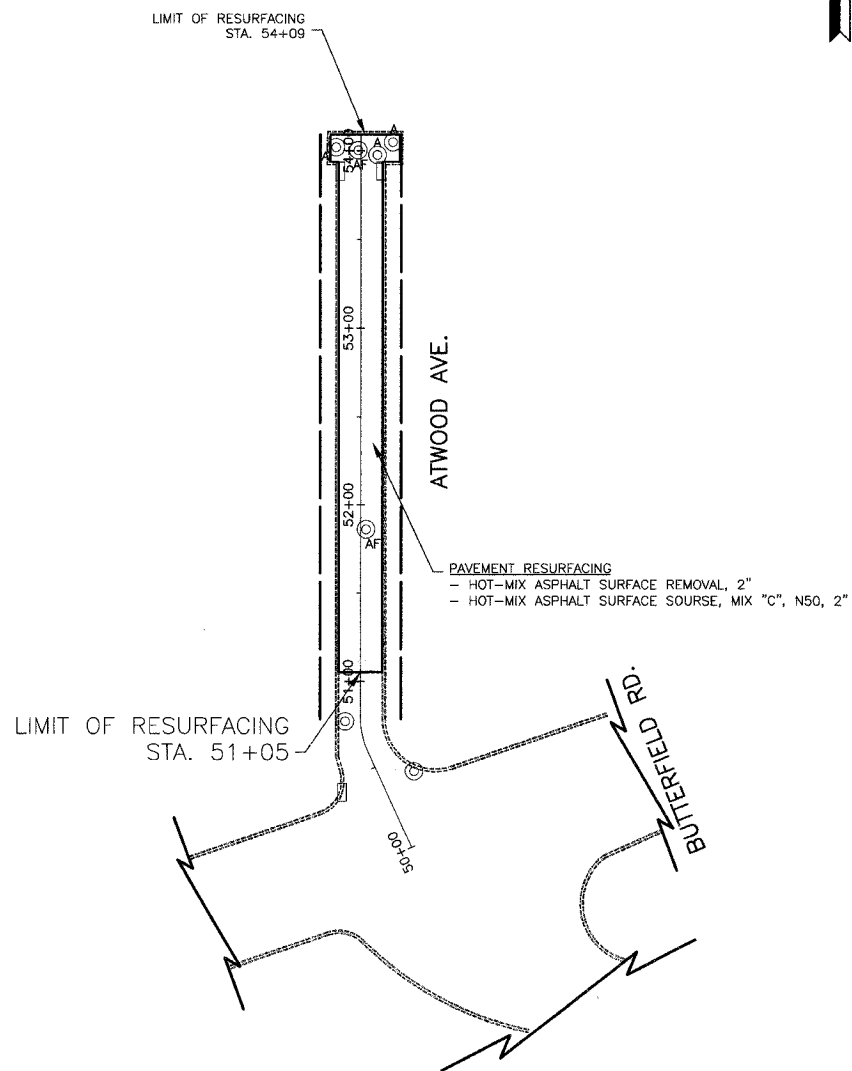
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 SCALE IN FEET

DATE: 2-23-07
 CHECKED BY: D.N.M.

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 PLOTTED: Friday, 23 Feb 2007 - 7:08am
 SAVED: Thursday, 22 Feb 2007 - 4:32pm



SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
06-00031-00-PV	COOK	14	12
ATWOOD AVENUE			
FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT HPP-0224(004)		



LEGEND

- A FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- AF FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
FRAMES AND LIDS, TYPE 1, CLOSED LID
- ⊙ EXISTING MANHOLE
- EXISTING INLET

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RESURFACING PLAN

ATWOOD AVENUE (BUTTERFIELD RD. TO END)

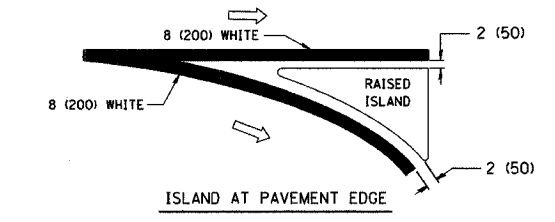
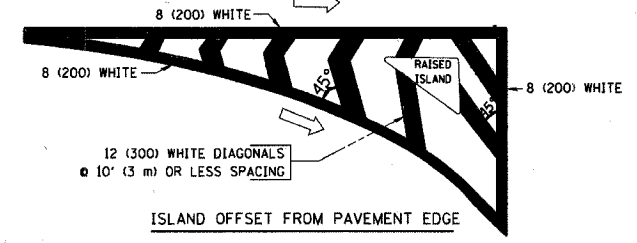
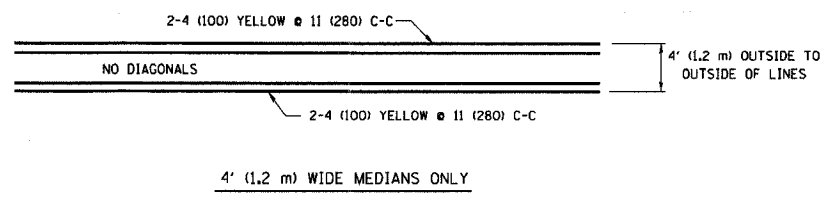
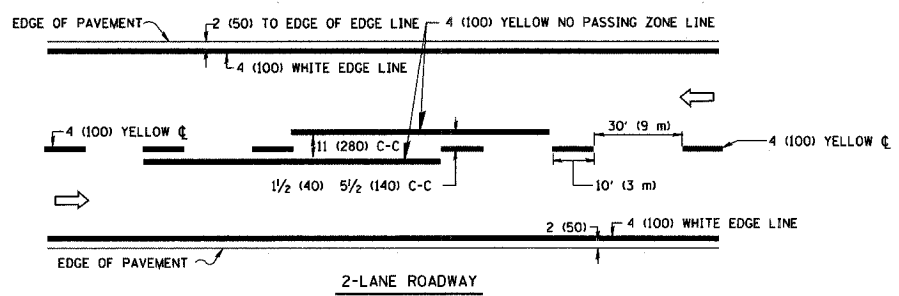
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SCALE IN FEET

DATE: 2-23-07
CHECKED BY: D.N.M.

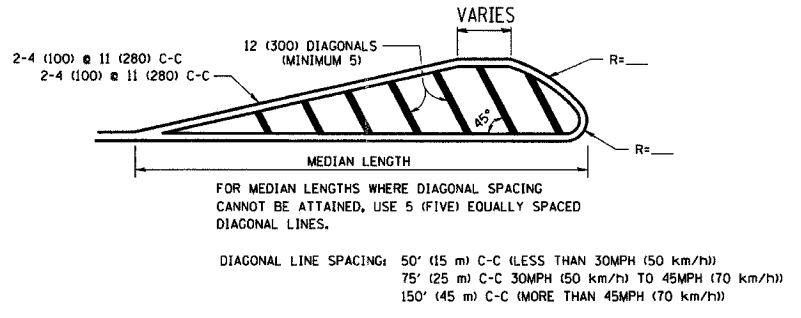
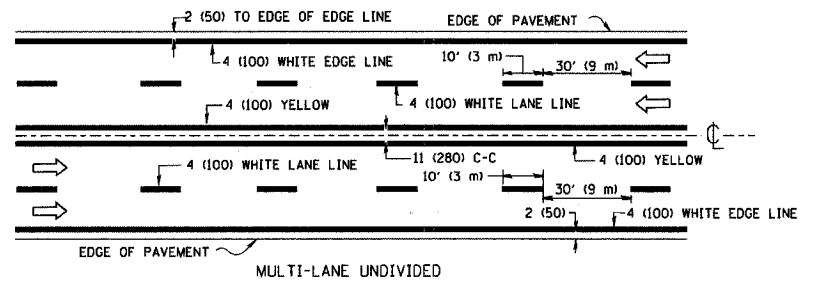
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PLOTTED: Friday, 23 Feb 2007 - 7:08am
SAVED: Thursday, 22 Feb 2007 - 4:32pm



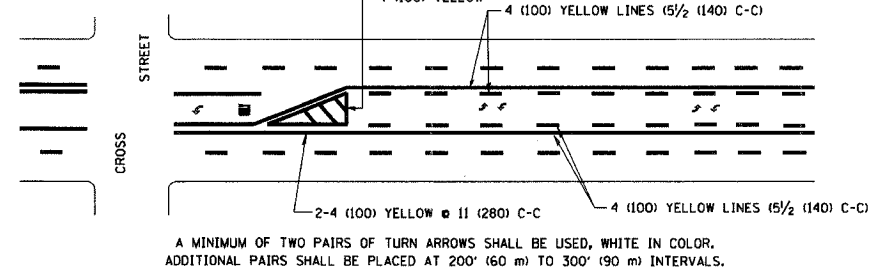
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00031-00-PV	COOK	ILLINOIS	14	13
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



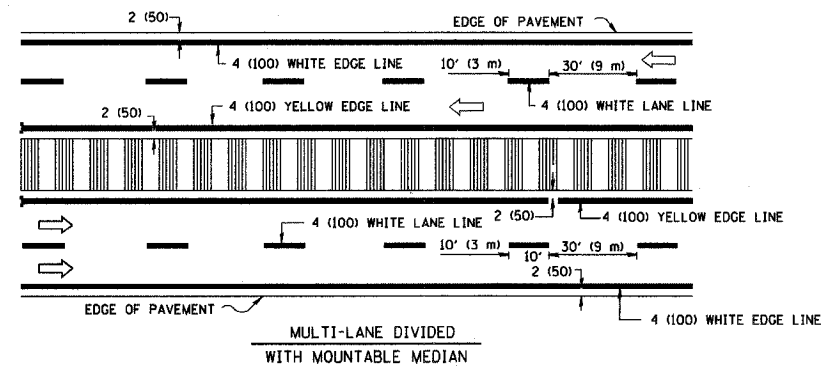
TYPICAL ISLAND MARKING



MEDIANS OVER 4' (1.2 m) WIDE

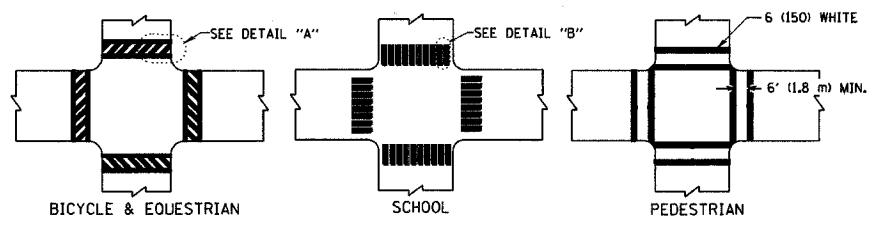


TYPICAL PAINTED MEDIAN MARKING

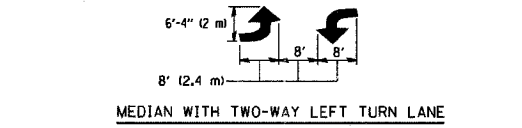


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

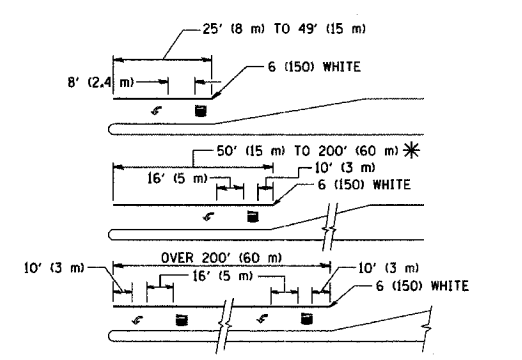
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE



TYPICAL TURN LANE MARKING

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

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

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

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE

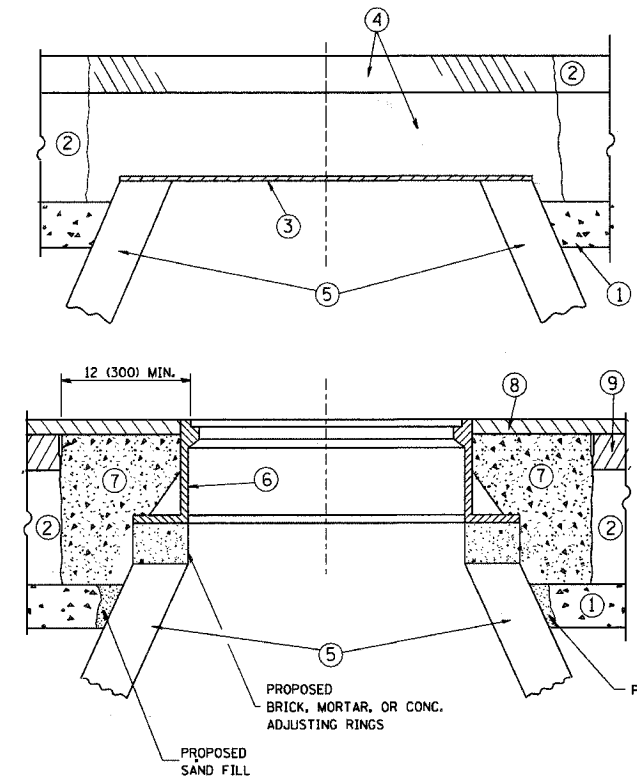
TYPICAL PAVEMENT MARKINGS

SCALE: NONE
DATE: 1/17/2007

DRAWN BY CADD
CHECKED BY

PLOT DATE: 1/17/2007
PLOT SCALE: 1/8" = 1'-0"
USER NAME: jlogan

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00031-00-FV	COOK	14	14
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 - D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.
- STAGE 2 (AFTER PAVEMENT MILLING)**
- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

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

LEGEND

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

NOTES:

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

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

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

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

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

LOCATION OF STRUCTURES:

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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

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

SCALE: VERT. NONE
HORIZ. 1/18/2007

DRAWN BY
CHECKED BY

BD600-03 (BD-8)
REVISION DATE: 01/01/07

PLOT DATE = 1/18/2007
FILE NAME = c:\projects\bd600\bd600.dgn
PLOT SCALE = 1/18/2007 / IN.
USER NAME = drivakong