

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00077-00-RS	COOK	16	1
		ILLINOIS	CONTRACT NO. 63526	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

ELDER LN, HAWTHORNE AND EMERSON ST.
2010 ADT = 400
2010 ADT = 400

DESIGN DESIGNATION
400 (30) LOCAL 0.11 (RS-20)

DESIGN SPEED = 25 MPH
POSTED SPEED = 20 MPH

HAWTHORNE ST., ELDER LN., EMERSON ST.
WAVELAND AVE. TO PACIFIC AVE.

RESURFACING
SECTION 10-00077-00-RS
PROJECT HD-HPP-4065(006)
VILLAGE OF FRANKLIN PARK
COOK COUNTY

JOB NUMBER C-91-719-10



PROJECT ENDS
STA. 2024 + 86
ELDER LN.

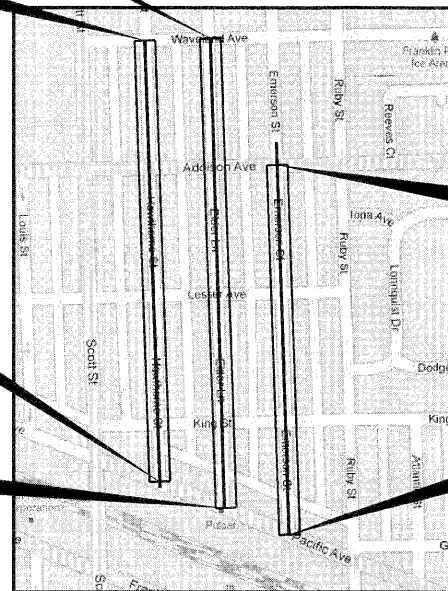
PROJECT ENDS
STA. 1023 + 53
HAWTHORNE ST.

PROJECT BEGINS
STA. 1000 + 16
HAWTHORNE ST.

PROJECT BEGINS
STA. 2000 + 20
ELDER LN.

PROJECT ENDS
STA. 3019 + 44
EMERSON ST.

PROJECT BEGINS
STA. 3000 + 19
EMERSON ST.



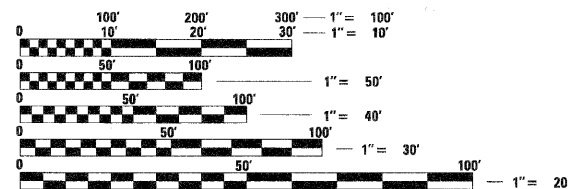
3RD PRINCIPAL MERIDIAN R 12 E LEYDEN TOWNSHIP

LOCATION MAP
SCALE

NOT TO SCALE

GROSS LENGTH = 6728 FT. = 1.3 MILE
NET LENGTH = 6602 FT. = 1.2 MILE

PROJECT IS LOCATED IN THE
VILLAGE OF FRANKLIN PARK



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



CONTRACT NO. 63526

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 10-20 2010

[Signature]
VILLAGE OF FRANKLIN PARK, DIRECTOR OF PUBLIC WORKS

PASSED November 5 2010

[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW November 8 2010

[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PROFESSIONAL ENGINEER'S SIGN & SEAL



[Signature]
THOMAS M. WALSH, P.E.
EXPIRES: 11-30-11

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OF THE STATE OF ILLINOIS**

PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847) 705-4406 SCHAUMBURG, IL

SHEET NUMBER	TITLE
1	COVER SHEET
2	INDEX OF SHEETS, LISTING OF APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES
3	SUMMARY OF QUANTITIES
4 - 5	TYPICAL SECTIONS
6 - 7	SCHEDULES OF QUANTITIES
8 - 10	PLAN SHEETS
	DISTRICT ONE STANDARD DETAILS
11	BD08 FRAMES AND LIDS ADJUSTMENT WITH AND WITHOUT MILLING
12	BD22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
13	BD24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
14	BD32 BUTT JOINTS AND HMA TAPER
15	TC10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
16	TC13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS

LIST OF APPLICABLE STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-07	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES AND THE PLANS SHALL BE INTERPRETED TO MEAN THE CURRENT EDITION OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- ALL ITEMS WILL BE CONSTRUCTED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION AND SUPPLEMENT, EXCEPT AS MODIFIED TO CONFORM WITH VILLAGE OF FRANKLIN PARK REQUIREMENTS.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- ONE (1) SET OF APPROVED PLANS MUST BE ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE/SHE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK; OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. IN FAILING TO SECURE SUCH INSTRUCTIONS THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTIONS PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- THE VILLAGE OF FRANKLIN PARK PUBLIC WORKS DEPARTMENT, 847-671-8252, MUST BE NOTIFIED TWENTY-FOUR (24) HOURS IN ADVANCE FOR INSPECTIONS. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF FRANKLIN PARK FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE VILLAGE.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO THE DEPTH REQUIRED FOR REMOVAL SPECIFIED AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION AND/OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS/HER AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.

- HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- PAVEMENT PATCHES AND COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT QUANTITIES PROVIDED ARE APPROXIMATE ONLY. ACTUAL PATCHING AREAS AND CURB AND GUTTER REMOVAL AND REPLACEMENT LIMITS WILL BE AS DETERMINED BY FIELD CONDITIONS AND APPROVED BY THE ENGINEER. QUANTITIES FOR PATCHING SHALL NOT EXCEED THOSE PROVIDED IN THE SUMMARY OF QUANTITIES UNLESS APPROVED BY THE ENGINEER.
- CURB SHALL BE DEPRESSED THROUGH SIDEWALKS AS DETAILED IN STANDARD 424001.
- ALL SIDEWALKS WILL MEET EXISTING WIDTHS WITH A MINIMUM THICKNESS OF FIVE INCHES (5") EXCEPT AT ANY EXISTING OR PROPOSED DRIVEWAYS(S) THE THICKNESS WILL BE THAT OF THE DRIVEWAY. BEDDING WILL BE A MINIMUM OF 4" OF CA-6/GRADE 8. THE COST OF THE ADDITIONAL THICKNESS AND BEDDING SHALL BE INCLUDED IN THE COST OF PC CONCRETE SIDEWALK, 5".
- PROVIDE FOR THE IMMEDIATE REMOVAL OF ANY MUD AND DEBRIS THAT IS DEPOSITED INTO THE STREETS AND SIDEWALKS, WHICH WERE CAUSED BY THE CONSTRUCTION.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF FRANKLIN PARK. ALL TREE PROTECTION, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- IT WILL BE AT THE ENGINEER'S DISCRETION TO ADD AND/OR REMOVE QUANTITIES AS NECESSARY. ADDITIONAL QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE ITEMS. THERE WILL BE NO ADDITIONAL COMPENSATION FOR QUANTITIES REMOVED BY DIRECTION FROM THE ENGINEER.

STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THE EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITIES, SCHOOL DISTRICTS, LOCAL POLICE, AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR 72 HOURS PRIOR TO THE START OF CONSTRUCTION. AT&T (630) 573-5450

COMED (630) 576-9074
 COMCAST (630) 600-6532 MS. MARTHA GIERAS
 MCI (847) 671-8257 MR. DEAN BOYERS
 NICOR GAS (630) 388-2362
 SPRINT (847) 737-1273 MR. JAMES BURTON
 VILLAGE OF FRANKLIN PARK (847) 671-8257 MR. JOE THOMAS

- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.

24. ALL MANHOLES AND BUFFALO BOXES WITHIN A PCC DRIVEWAY OR SIDEWALK MUST BE BOXED OUT WITH ONE INCH (1") EXPANSION MATERIAL. COST SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE PAY ITEM.

- THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE CITY FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.

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

SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL TC-13 AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.

28. THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

TRAFFIC CONTROL

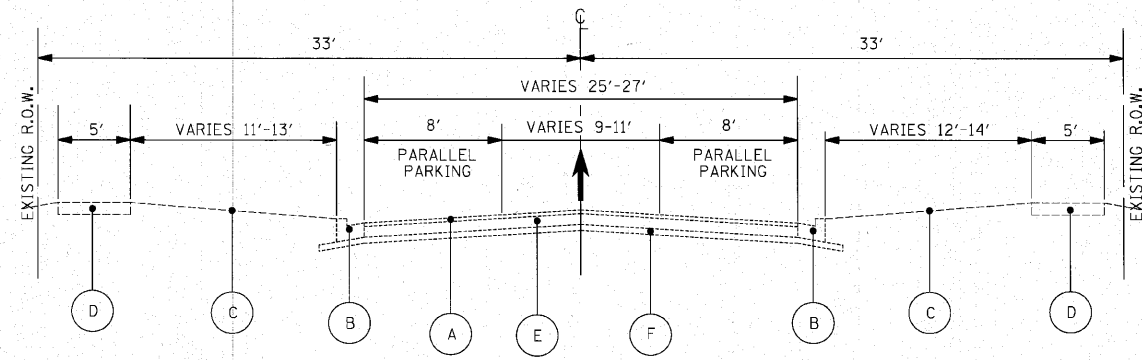
- SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAWTHORNE ELDER EMERSON AVENUE INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pl:\70140560-franklin park - pavement	g:\fac\plans\sheet\F0140560\gnn\10201.dgn	DRAWN -	REVISED -			10-00077-00-RS	COOK	16	2	
PLOT SCALE = 10/0000' / 1" IN.		CHECKED -	REVISED -			CONTRACT NO. 63526				
PLOT DATE = 10/28/2010		DATE -	REVISED -			ILLINOIS			FED. AID PROJECT	
				SCALE: N/A		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		

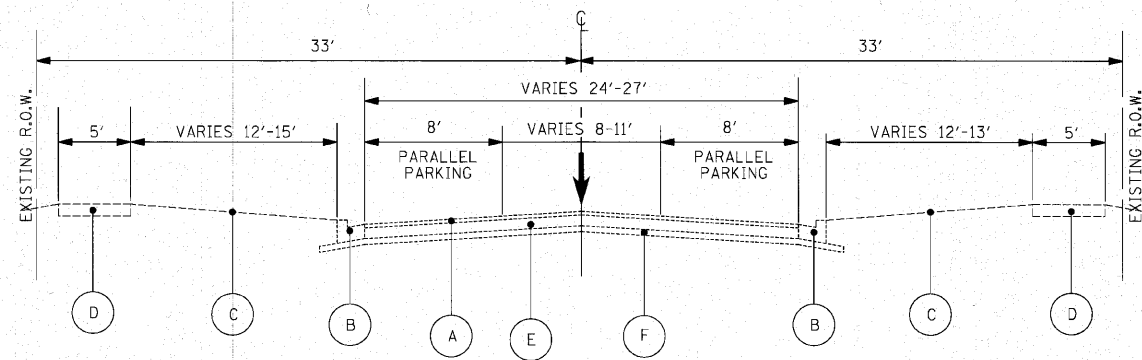
SUMMARY OF QUANTITIES

CODE NO.	ITEMS	UNIT	QUANTITY (0005)
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	17
25200110	SODDING, SALT TOLERANT	SQ YD	17
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3,810
40600300	AGGREGATE (PRIME COAT)	TON	76
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1334
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	715
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	2134
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	19,052
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	476
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	476
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	476
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	476
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	19052
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	83
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,290
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	252
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	100
XX003453	PCC DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	10

• SPECIALTY ITEMS

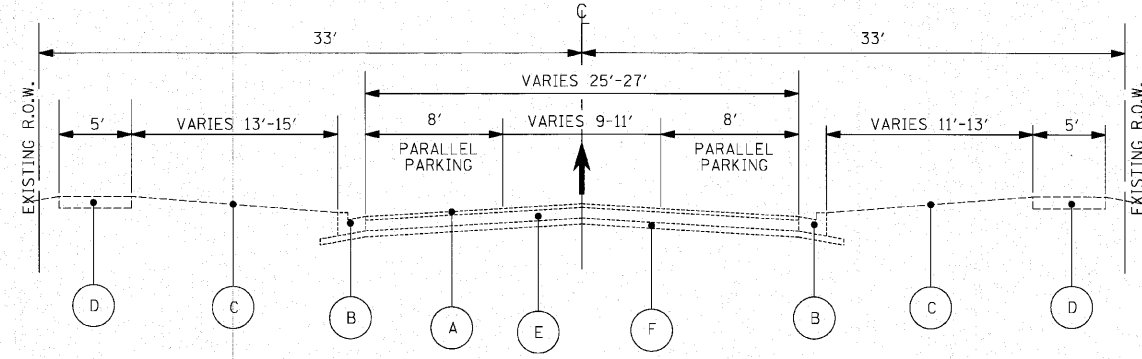


EXISTING TYPICAL CROSS SECTION
EMERSON ST.
STA. 3000+19 - 3019+44



EXISTING TYPICAL CROSS SECTION
ELDER LN.
STA. 2000+20 - 2024+86

* 1-WAY TRAFFIC BETWEEN PACIFIC AVE. AND ADDISON AVE.
2-WAY TRAFFIC BETWEEN ADDISON AVE. AND WAVELAND AVE.



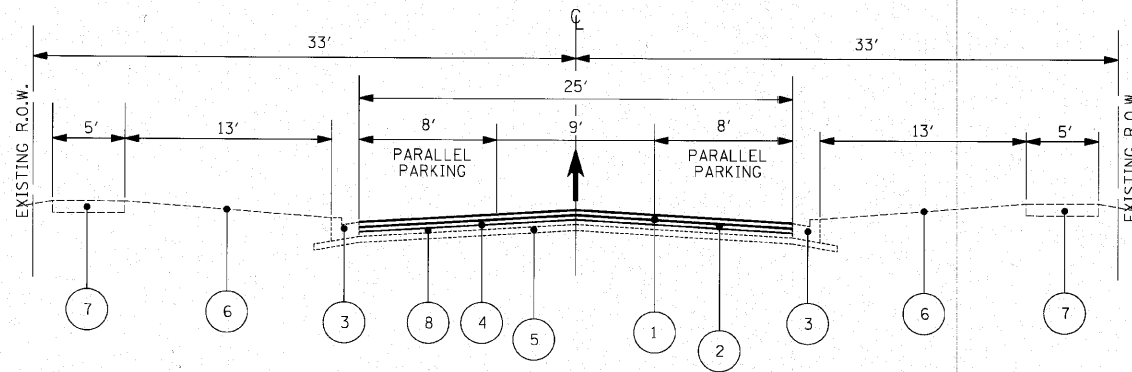
EXISTING TYPICAL CROSS SECTION
HAWTHORNE ST.
STA. 1000+16 - 1023+53

* 1-WAY TRAFFIC BETWEEN PACIFIC AVE. AND ADDISON AVE.
2-WAY TRAFFIC BETWEEN ADDISON AVE. AND WAVELAND AVE.

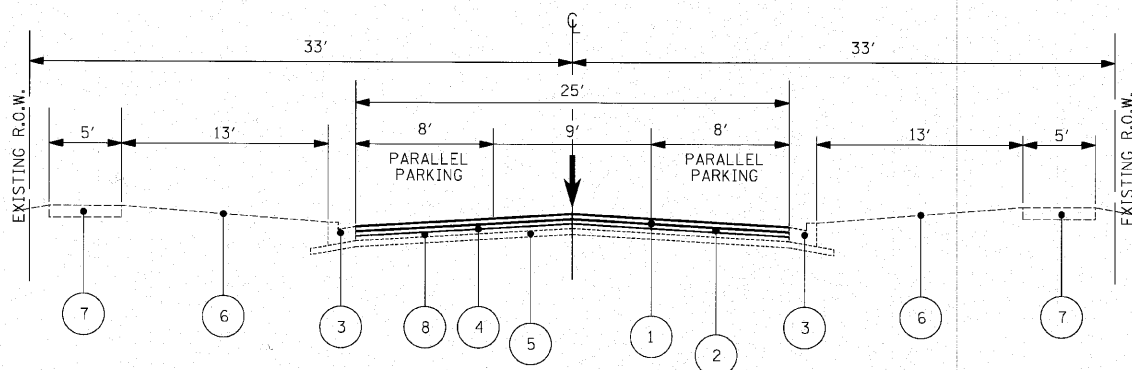
EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE, 3 1/4"
- (B) B-6.12 CONCRETE CURB AND GUTTER
- (C) TOPSOIL AND SODDING
- (D) EXISTING PCC SIDEWALK
- (E) EXISTING AGGREGATE BASE
- (F) EXISTING AGGREGATE SUB-BASE

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HAWTHORNE ELDER EMERSON AVENUE EXISTING TYPICAL SECTIONS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pt\0140560.franklin park - pavement resurfacing\plans\sheets\0140560.sst\0101.dgn		DRAWN -	REVISED -			10-00077-00-RS	COOK	16	4	
PLOT SCALE = 5.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 63526				
PLOT DATE = 10/25/2010		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET NO. 1 OF 2 SHEETS	STA. TO STA.		

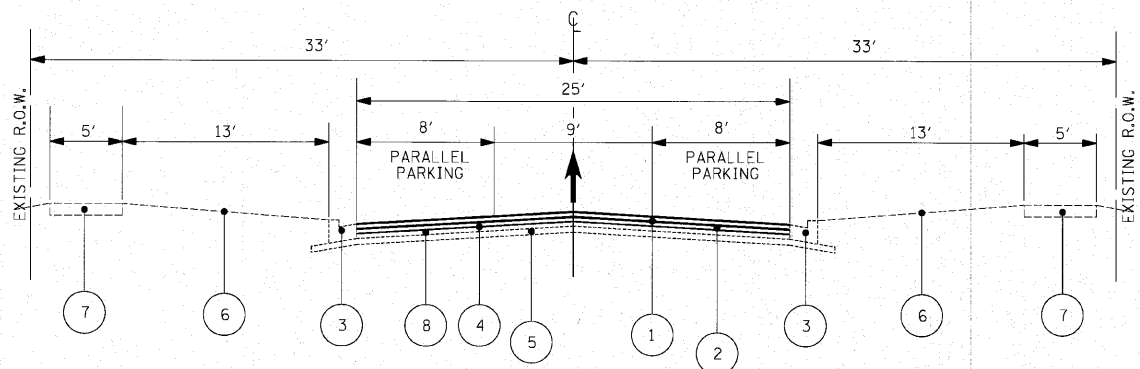


PROPOSED TYPICAL CROSS SECTION
EMERSON ST.
STA. 3000+19 - 3019+44



PROPOSED TYPICAL CROSS SECTION
ELDER LN.
STA. 2000+20 - 2024+86

* 1-WAY TRAFFIC BETWEEN PACIFIC AVE. AND ADDISON AVE.
2-WAY TRAFFIC BETWEEN ADDISON AVE. AND WAVELAND AVE.



PROPOSED TYPICAL CROSS SECTION
HAWTHORNE ST.
STA. 1000+16 - 1023+53

* 1-WAY TRAFFIC BETWEEN PACIFIC AVE. AND ADDISON AVE.
2-WAY TRAFFIC BETWEEN ADDISON AVE. AND WAVELAND AVE.

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "C", IL-9.5mm, N50, 2"
- ② LEVELING BINDER (MACHINE METHOD), N50, 1 1/4"
- ③ EXISTING B-6.12 CONCRETE CURB AND GUTTER
- ④ HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4" (SEE NOTE A)
- ⑤ EXISTING SUB-BASE
- ⑥ EXISTING TOPSOIL
- ⑦ EXISTING PCC SIDEWALK
- ⑧ EXISTING AGGREGATE BASE

NOTES:

A. CONTRACTOR SHALL MILL BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENT		
MIXTURE TYPE		AIR VOIDS
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", IL-9.5mm, N50, 2"		4% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD) (IL-9.5mm), N50, 1 1/4"		4% @ 50 Gyr.
PAVEMENT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)		4% @ 70 Gyr.

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

Description: **Bituminous Materials (Prime Coat)** Unit: **Gallon**

Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Area (SY)	Appl. Rate (Gal/SY)	Quantity (Gal)	
	Station	Side	Station	Side						Subtotal	Cumm.
Hawthorne	1000+16		1003+04				7916	880	0.1	176	176
Hawthorne	1003+31		1009+86				16791	1866	0.1	373	549
Hawthorne	1010+14		1016+68				17474	1942	0.1	388	937
Hawthorne	1017+04		1023+53				17263	1918	0.1	384	1321
Elder	2000+20		2004+36				11336	1260	0.1	252	1573
Elder	2004+64		2011+20				17181	1909	0.1	382	1955
Elder	2011+47		2018+01				17029	1892	0.1	378	2333
Elder	2018+38		2024+86				17191	1910	0.1	382	2715
Emerson	3000+19		3005+76				15016	1668	0.1	334	3049
Emerson	3006+01		3012+57				17158	1906	0.1	381	3430
Emerson	3012+91		3019+44				17110	1901	0.1	380	3810

Description: **Aggregate (Prime Coat)** Unit: **Ton**

Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Area (SY)	Appl. Rate (lb/SY)	Quantity (Ton)	
	Station	Side	Station	Side						Subtotal	Cumm.
Hawthorne	1000+16		1003+04				7916	880	4	3.5	3.5
Hawthorne	1003+31		1009+86				16791	1866	4	7.5	11.0
Hawthorne	1010+14		1016+68				17474	1942	4	7.8	18.7
Hawthorne	1017+04		1023+53				17263	1918	4	7.7	26.4
Elder	2000+20		2004+36				11336	1260	4	5.0	31.5
Elder	2004+64		2011+20				17181	1909	4	7.6	39.1
Elder	2011+47		2018+01				17029	1892	4	7.6	46.7
Elder	2018+38		2024+86				17191	1910	4	7.6	54.3
Emerson	3000+19		3005+76				15016	1668	4	6.7	61.0
Emerson	3006+01		3012+57				17158	1906	4	7.6	68.6
Emerson	3012+91		3019+44				17110	1901	4	7.6	76.2

Description: **Hot-Mix Asphalt Surface Removal - Butt Joint** Unit: **Square Yard**

Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Quantity (SY)	
	Station	Side	Station	Side				Subtotal	Cumm.
1000+16 Hawthorne					4.5	81	365	41	41
1003+04 Hawthorne					4.5	66	297	33	74
1003+31 Hawthorne					4.5	64	288	32	106
1009+86 Hawthorne					4.5	62	279	31	137
1010+14 Hawthorne					4.5	65	293	33	169
1016+68 Hawthorne					4.5	63	284	32	201
1017+04 Hawthorne					4.5	66	297	33	234
1023+53 Hawthorne					4.5	64	288	32	266
2000+20 Elder					4.5	80	360	40	306
2004+36 Elder					4.5	62	279	31	337
2004+64 Elder					4.5	65	293	33	369
2011+20 Elder					4.5	60	270	30	399
2011+47 Elder					4.5	65	293	33	432
2018+01 Elder					4.5	57	257	29	460
2018+38 Elder					4.5	62	279	31	491
2024+86 Elder					4.5	64	288	32	523
3000+19 Emerson					4.5	72	324	36	559
3005+76 Emerson					4.5	66	297	33	592
3006+01 Emerson					4.5	62	279	31	623
3012+57 Emerson					4.5	61	275	31	654
3012+91 Emerson					4.5	61	275	31	684
3019+44 Emerson					4.5	61	275	31	715

Description: **Hot-Mix Asphalt Surface Course, Mix "C", IL-9.5mm, N50** Unit: **Ton**

Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Area (SY)	Depth (IN)	D	Quantity (Ton)	
	Station	Side	Station	Side							Subtotal	Cumm.
Hawthorne	1000+16		1003+04				7916	880	2.00	112	99	99
Hawthorne	1003+31		1009+86				16791	1866	2.00	112	209	307
Hawthorne	1010+14		1016+68				17474	1942	2.00	112	217	525
Hawthorne	1017+04		1023+53				17263	1918	2.00	112	215	740
Elder	2000+20		2004+36				11336	1260	2.00	112	141	881
Elder	2004+64		2011+20				17181	1909	2.00	112	214	1095
Elder	2011+47		2018+01				17029	1892	2.00	112	212	1307
Elder	2018+38		2024+86				17191	1910	2.00	112	214	1520
Emerson	3000+19		3005+76				15016	1668	2.00	112	187	1707
Emerson	3006+01		3012+57				17158	1906	2.00	112	214	1921
Emerson	3012+91		3019+44				17110	1901	2.00	112	213	2134

Description: **Hot-Mix Asphalt Surface Removal, 3 1/4"** Unit: **Square Yard**

Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Quantity (SY)	
	Station	Side	Station	Side				Subtotal	Cumm.
Hawthorne	1000+16		1003+04				7916	880	880
Hawthorne	1003+31		1009+86				16791	1866	2745
Hawthorne	1010+14		1016+68				17474	1942	4687
Hawthorne	1017+04		1023+53				17263	1918	6605
Elder	2000+20		2004+36				11336	1260	7864
Elder	2004+64		2011+20				17181	1909	9773
Elder	2011+47		2018+01				17029	1892	11666
Elder	2018+38		2024+86				17191	1910	13576
Emerson	3000+19		3005+76				15016	1668	15244
Emerson	3006+01		3012+57				17158	1906	17151
Emerson	3012+91		3019+44				17110	1901	19052

Description: **AREA REFLECTIVE CRACK CONTROL TREATMENT** Unit: **Square Yard**

Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Quantity (SY)	
	Station	Side	Station	Side				Subtotal	Cumm.
Hawthorne	1000+16		1003+04				7916	880	880
Hawthorne	1003+31		1009+86				16791	1866	2745
Hawthorne	1010+14		1016+68				17474	1942	4687
Hawthorne	1017+04		1023+53				17263	1918	6605
Elder	2000+20		2004+36				11336	1260	7864
Elder	2004+64		2011+20				17181	1909	9773
Elder	2011+47		2018+01				17029	1892	11666
Elder	2018+38		2024+86				17191	1910	13576
Emerson	3000+19		3005+76				15016	1668	15244
Emerson	3006+01		3012+57				17158	1906	17151
Emerson	3012+91		3019+44				17110	1901	19052

Description: **Leveling Binder (Machine Method), (IL-9.5mm), N50** Unit: **Ton**

Location	Begin		End		Length (FT)	Width (FT)	Area (SF)	Area (SY)	Depth (IN)	D	Quantity (Ton)	
	Station	Side	Station	Side							Subtotal	Cumm.
Hawthorne	1000+16		1003+04				7916	880	1.25	112	62	62
Hawthorne	1003+31		1009+86				16791	1866	1.25	112	131	192
Hawthorne	1010+14		1016+68				17474	1942	1.25	112	136	328
Hawthorne	1017+04		1023+53				17263	1918	1.25	112	134	462
Elder	2000+20		2004+36				11336	1260	1.25	112	88	551
Elder	2004+64		2011+20				17181	1909	1.25	112	134	684
Elder	2011+47		2018+01				17029	1892	1.25	112	132	817
Elder	2018+38		2024+86				17191	1910	1.25	112	134	950
Emerson	3000+19		3005+76				15016	1668	1.25	112	117	1067
Emerson	3006+01		3012+57				17158	1906	1.25	112	133	1201
Emerson	3012+91		3019+44				17110	1901	1.25	112	133	1334

Description: **Combination Concrete Curb and Gutter Removal and Replacement** Unit: **Linear Foot**

Location	Begin		End		Length (FT)	Quantity (LF)	
	Station	Side	Station	Side		Subtotal	Cumm.
Hawthorne	1010+80	LT	1011+33	LT	53	53	53
Hawthorne	1017+04	RT	1017+21	RT	26	26	79
Elder	2011+98	RT	2012+19	RT	21	21	100

Description: Thermoplastic Pavement Marking - Line 6"						Unit: Linear Foot	
Location	Begin		End		Length (FT)	Quantity (LF)	
	Station	Side	Station	Side		Subtotal	Cumm.
Hawthorne	1000+30				36	36	36
Hawthorne	1000+40				33	33	69
Hawthorne	1002+85				25	25	94
Hawthorne	1002+90				28	28	122
Hawthorne	1003+40				31	31	153
Hawthorne	1003+45				26	26	179
Hawthorne	1009+65				25	25	204
Hawthorne	1009+70				28	28	232
Hawthorne	1010+25				28	28	260
Hawthorne	1010+30				27	27	287
Hawthorne	1016+45				26	26	313
Hawthorne	1016+55				28	28	341
Hawthorne	1017+25				31	31	372
Hawthorne	1017+30				27	27	399
Hawthorne	1023+35				26	26	425
Hawthorne	1023+40				28	28	453
Elder	2000+30				45	45	498
Elder	2000+35				36	36	534
Elder	2004+10				26	26	560
Elder	2004+20				27	27	587
Elder	2004+85				26	26	613
Elder	2004+90				26	26	639
Elder	2011+05				24	24	663
Elder	2011+10				29	29	692
Elder	2011+60				28	28	720
Elder	2011+65				26	26	746
Elder	2017+80				26	26	772
Elder	2017+85				26	26	798
Elder	2018+50				32	32	830
Elder	2018+55				28	28	858
Elder	2024+70				26	26	884
Elder	2024+75				28	28	912
Emerson	3000+20				57	57	969
Emerson	3000+30				44	44	1013
Emerson	3005+55				27	27	1040
Emerson	3005+60				27	27	1067
Emerson	3006+15				30	30	1097
Emerson	3006+20				29	29	1126
Emerson	3012+35				26	26	1152
Emerson	3012+40				27	27	1179
Emerson	3013+05				28	28	1207
Emerson	3013+10				27	27	1234
Emerson	3019+25				26	26	1260
Emerson	3019+30				30	30	1290

Description: Thermoplastic Pavement Marking - Line 24"						Unit: Linear Foot	
Location	Begin		End		Length (FT)	Quantity (LF)	
	Station	Side	Station	Side		Subtotal	Cumm.
Hawthorne	1002+80				13	13	13
Hawthorne	1009+				25	25	38
Hawthorne	1016+40				26	26	64
Hawthorne	1017+35				14	14	78
Hawthorne	1023+30				12	12	90
Elder	2000+45				32	32	122
Elder	2004+90				26	26	148
Elder	2011+70				26	26	174
Elder	2018+60				14	14	188
Elder	2024+45				12	12	200
Emerson	3012+35				26	26	226
Emerson	3019+20				26	26	252

Description: Frames and Lids to be Adjusted (Special)					Unit: Each	
Location	Station	Offset (FT)	Side	Quantity (EA)		
				Subtotal	Cummulative	
Hawthorne	1000+25		CL	1	1	
Hawthorne	1000+40		RT	1	2	
Hawthorne	1000+50		CL	1	3	
Hawthorne	1003+00		LT	1	4	
Hawthorne	1003+00		RT	1	5	
Hawthorne	1003+38		LT	1	6	
Hawthorne	1003+38		RT	1	7	
Hawthorne	1006+74		CL	1	8	
Hawthorne	1006+86		LT	1	9	
Hawthorne	1006+83		RT	1	10	
Hawthorne	1009+50		RT	1	11	
Hawthorne	1009+55		CL	1	12	
Hawthorne	1009+60		LT	1	13	
Hawthorne	1009+75		LT	1	14	
Hawthorne	1009+85		RT	1	15	
Hawthorne	1010+40		LT	1	16	
Hawthorne	1010+40		CL	1	17	
Hawthorne	1010+40		RT	1	18	
Hawthorne	1013+00		LT	1	19	
Hawthorne	1013+00		RT	1	20	
Hawthorne	1013+25		CL	1	21	
Hawthorne	1016+30		CL	1	22	
Hawthorne	1016+45		LT	1	23	
Hawthorne	1017+10		RT	1	24	
Hawthorne	1019+10		LT	1	25	
Hawthorne	1019+10		RT	1	26	
Hawthorne	1019+25		CL	1	27	
Hawthorne	1022+10		LT	1	28	
Hawthorne	1022+10		RT	1	29	
Hawthorne	1022+25		CL	1	30	
Elder	2000+40		CL	1	31	
Elder	2000+40		CL	1	32	
Elder	2001+60		RT	1	33	
Elder	2001+60		LT	1	34	
Elder	2001+85		CL	1	35	
Elder	2004+30		LT	1	36	
Elder	2004+30		RT	1	37	
Elder	2004+70		LT	1	38	
Elder	2004+70		RT	1	39	
Elder	2008+10		CL	1	40	
Elder	2008+25		LT	1	41	
Elder	2008+25		RT	1	42	
Elder	2010+80		LT	1	43	
Elder	2010+90		LT	1	44	
Elder	2010+90		RT	1	45	
Elder	2011+00		CL	1	46	
Elder	2011+20		RT	1	47	
Elder	2011+70		CL	1	48	
Elder	2011+75		LT	1	49	
Elder	2011+75		RT	1	50	
Elder	2011+80		LT	1	51	
Elder	2014+35		CL	1	52	
Elder	2014+50		LT	1	53	
Elder	2014+50		RT	1	54	
Elder	2017+55		CL	1	55	
Elder	2017+60		LT	1	56	
Elder	2017+70		RT	1	57	
Elder	2017+75		LT	1	58	
Elder	2018+40		LT	1	59	
Elder	2019+55		LT	1	60	
Elder	2019+55		CL	1	61	
Elder	2024+80		RT	1	62	
Emerson	3000+30		RT	1	63	
Emerson	3000+35		CL	1	64	
Emerson	3000+40		CL	1	65	
Emerson	3000+60		LT	1	66	
Emerson	3001+90		CL	1	67	
Emerson	3002+90		CL	1	68	
Emerson	3005+70		LT	1	69	
Emerson	3005+70		RT	1	70	
Emerson	3006+05		LT	1	71	
Emerson	3006+05		RT	1	72	
Emerson	3007+25		LT	1	73	
Emerson	3007+25		RT	1	74	
Emerson	3012+30		RT	1	75	
Emerson	3012+35		CL	1	76	
Emerson	3012+35		LT	1	77	
Emerson	3013+15		LT	1	78	
Emerson	3013+15		RT	1	79	
Emerson	3013+20		CL	1	80	
Emerson	3019+15		CL	1	81	
Emerson	3019+20		LT	1	82	
Emerson	3019+20		RT	1	83	

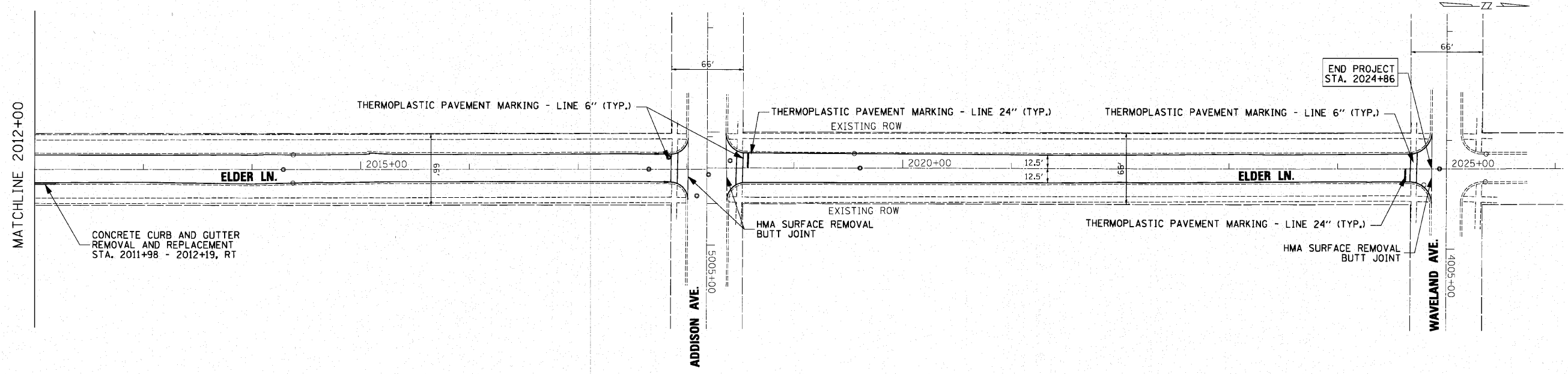
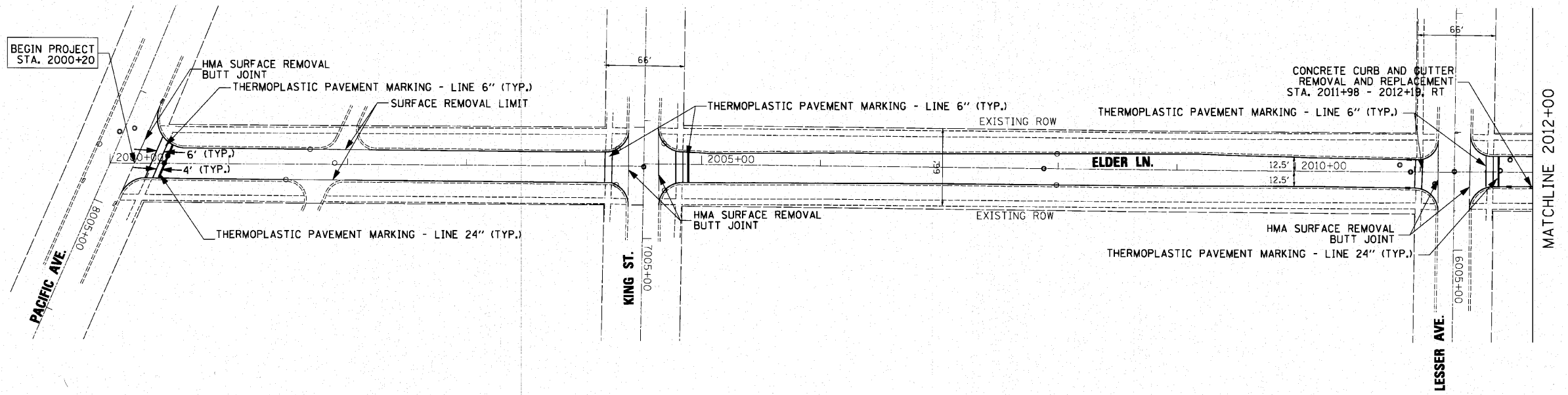
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PLOT DATE = 10/25/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

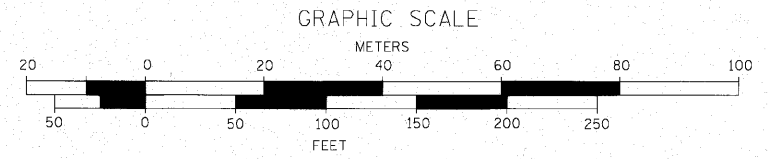
**FRANKLIN PARK ST. RESURFACING
SCHEDULES OF QUANTITIES**

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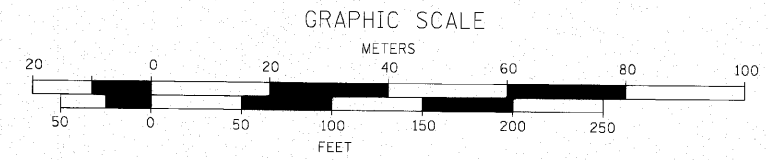
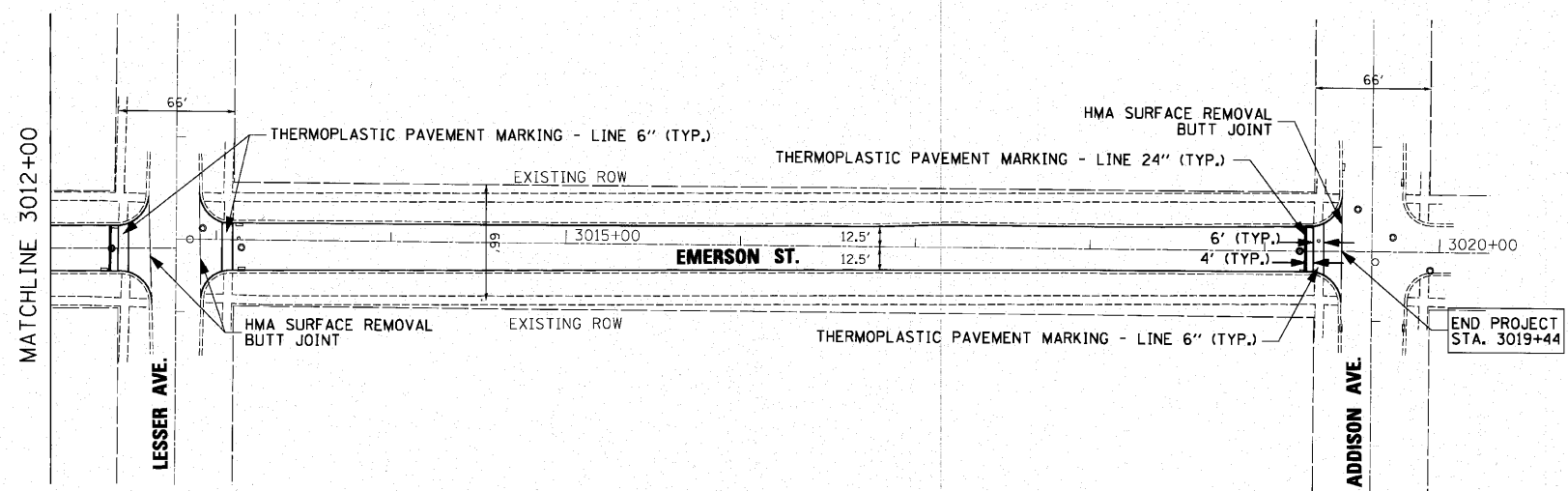
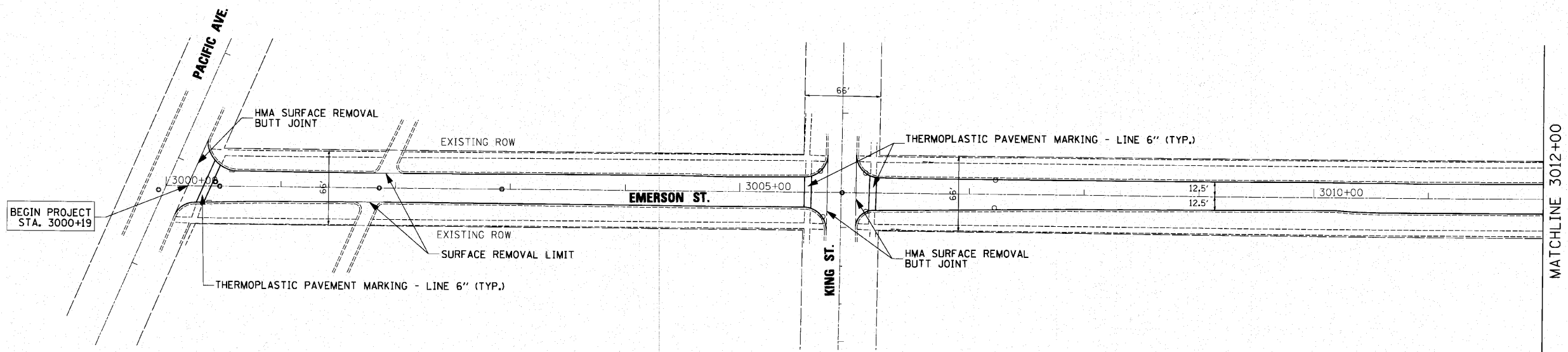
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00077-00-RS	COOK	16	7
CONTRACT NO. 63526				
ILLINOIS FED. AID PROJECT				



•NOTE: ALL EXISTING SIDEWALK RAMP
ARE ADA COMPLIANT



FILE NAME = p:\p0142562_franklin park - pavement resurfacing\plans\sheet_2.dgn	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FRANKLIN PARK ST. RESURFACING ELDER LANE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



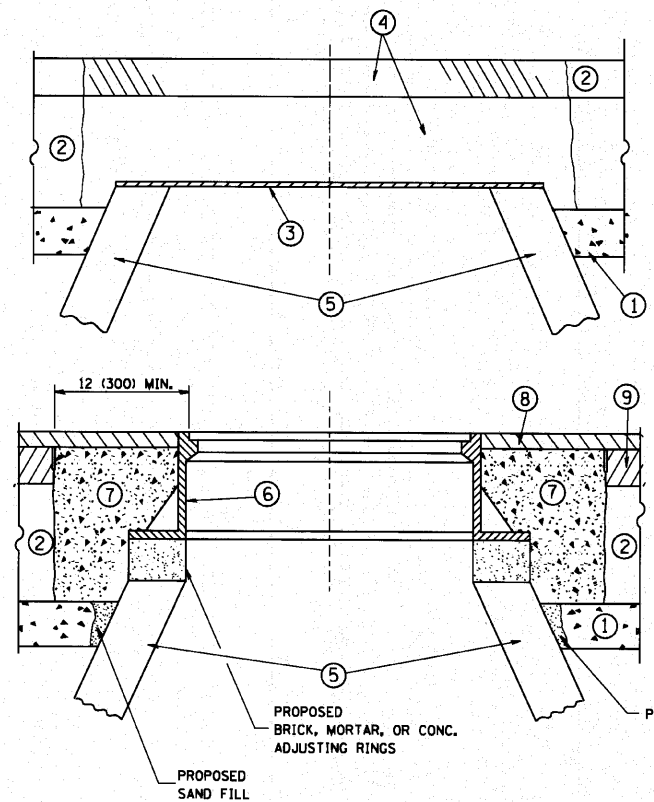
••NOTE: ALL EXISTING SIDEWALK RAMPS ARE ADA COMPLIANT

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PLOT DATE = 10/25/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FRANKLIN PARK ST. RESURFACING
EMERSON STREET**

SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				10-00077-00-RS	COOK	16	10
							CONTRACT NO. 63526
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 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

LOCATION OF STRUCTURES:

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

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

NOTES:

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

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

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

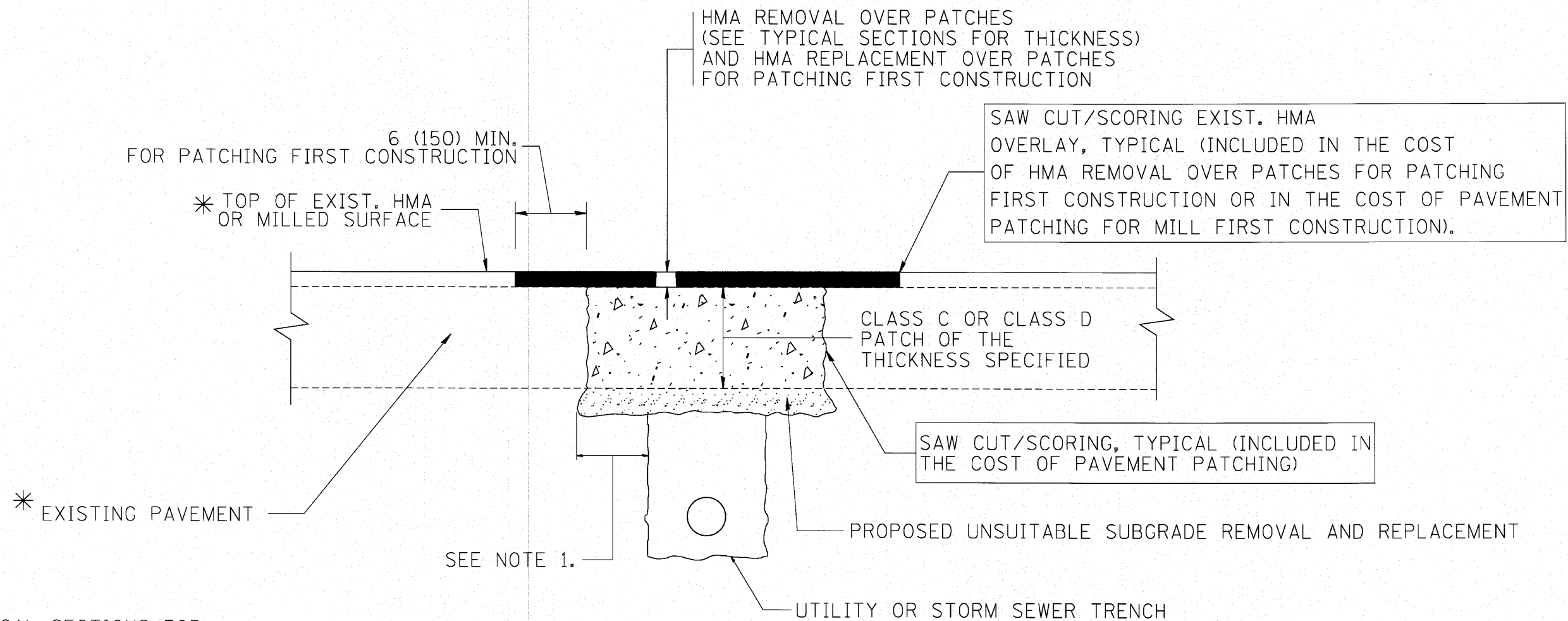
THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = W:\data\d\22x34\bd08.dgn	USER NAME = ggg11enabt	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	10-00077-00-RS	COOK	16	11
		CHECKED -	REVISED - R. WIEDEMAN 05-14-04						BD600-03 (BD-8)			
		DATE - 10-25-94	REVISED - R. BORO 01-01-07						CONTRACT NO. 63526			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT												



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

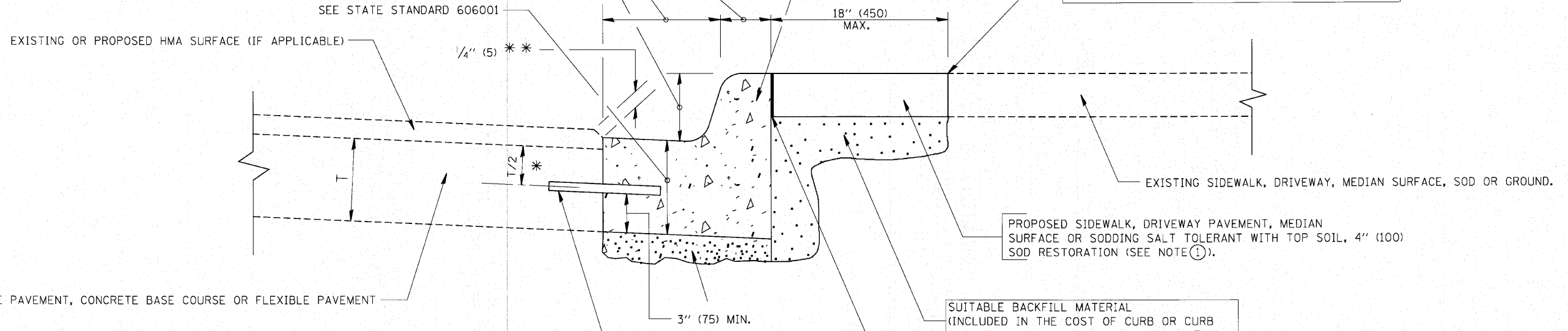
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - R. BORO 01-01-07					10-00077-00-RS	COOK	16	12	
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)	CONTRACT NO. 63526			FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT		
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				

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

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

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



- * 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.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

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

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).

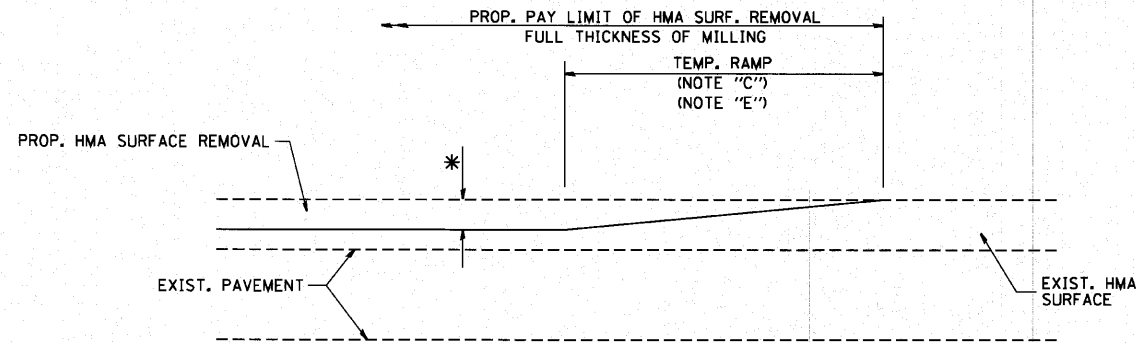
BASIS OF PAYMENT:

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

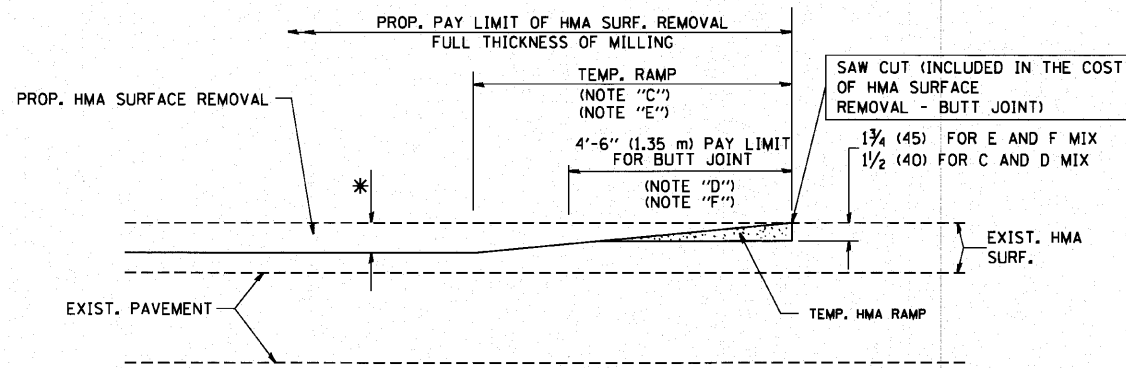
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
al\p\work\p\idat\drivakosgn\ad2128315\bc24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	10-00077-00-RS	COOK	16	13
		CHECKED -	REVISED - M. GOMEZ 01-22-01					BD600-06 (BD-24)				
		DATE - 03-11-94	REVISED - R. BORO 12-15-09					FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT CONTRACT NO. 63526				



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

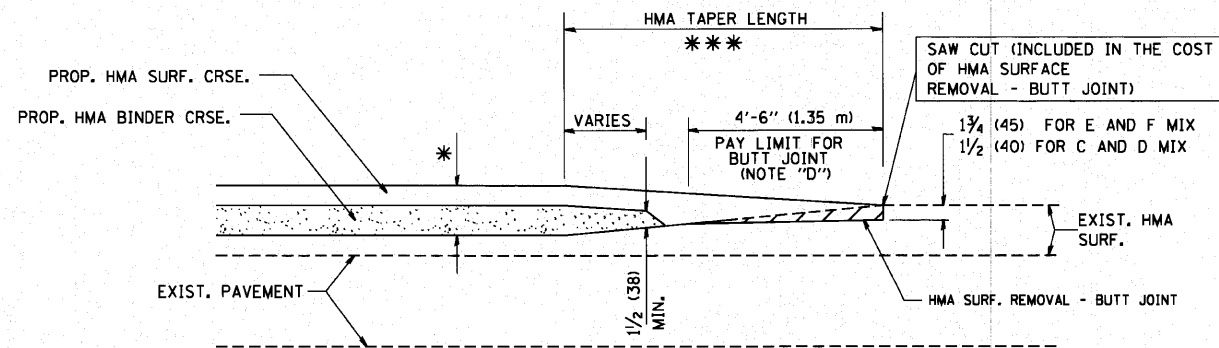
OPTION 1



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

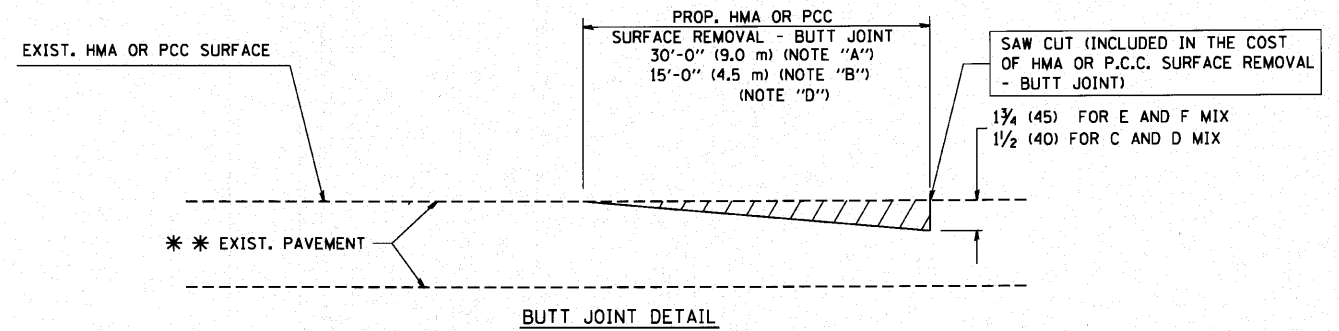
OPTION 2

TYPICAL TEMPORARY RAMP

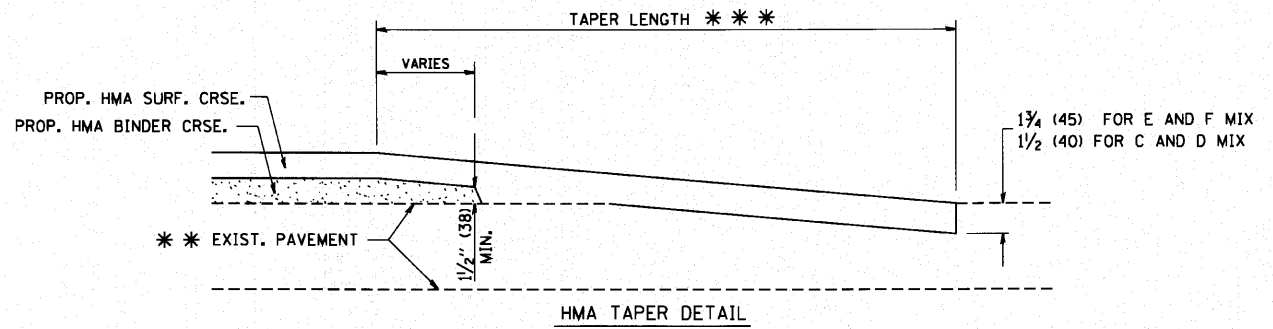


BUTT JOINT AND
HMA TAPER

**TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING**



BUTT JOINT DETAIL



HMA TAPER DETAIL

**TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY**

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

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 INCH (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.

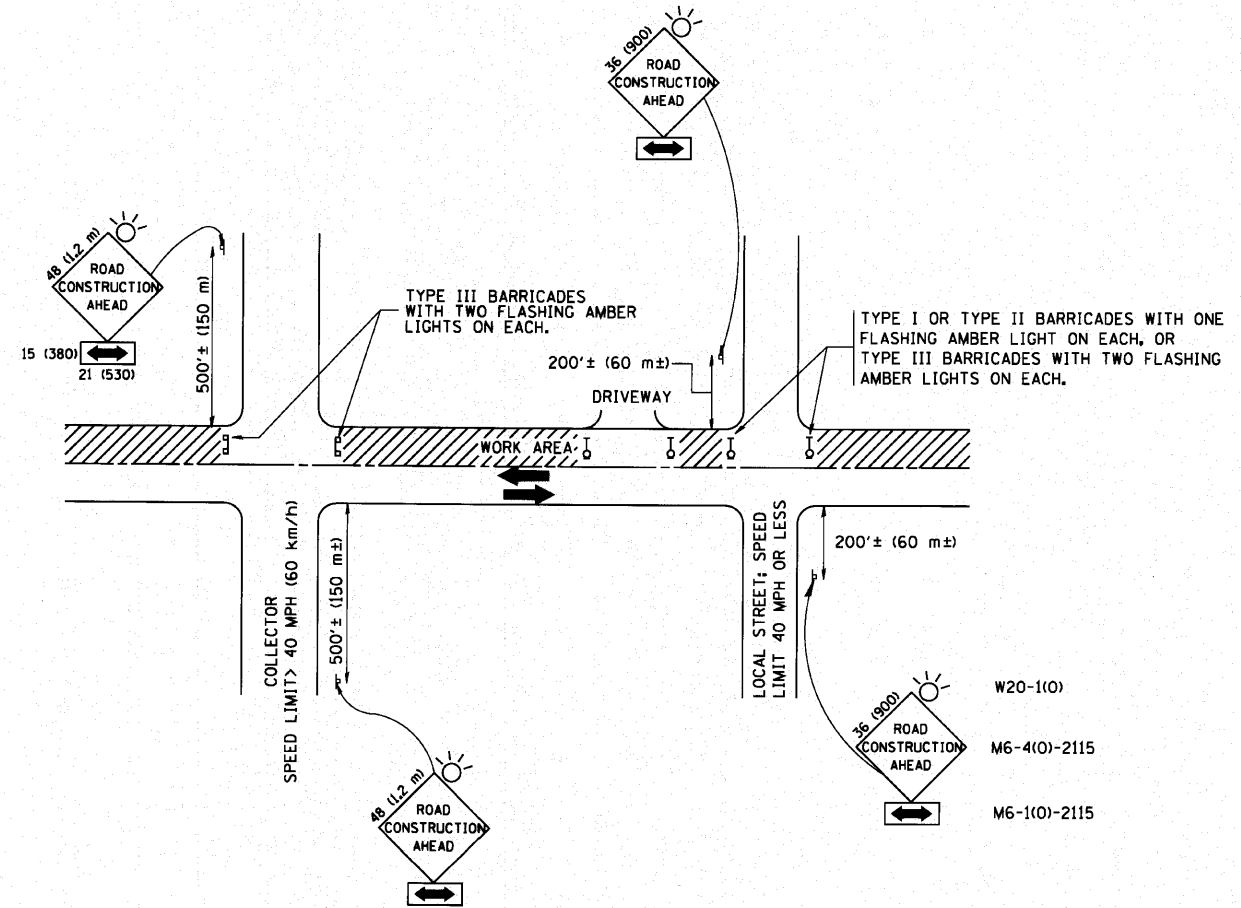
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		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 "/ IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**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	SHEET NO.
	10-00077-00-RS	COOK	16	14
	BD400-05 BD32	CONTRACT NO. 63526		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- 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:
 - 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.
 - 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.
 - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

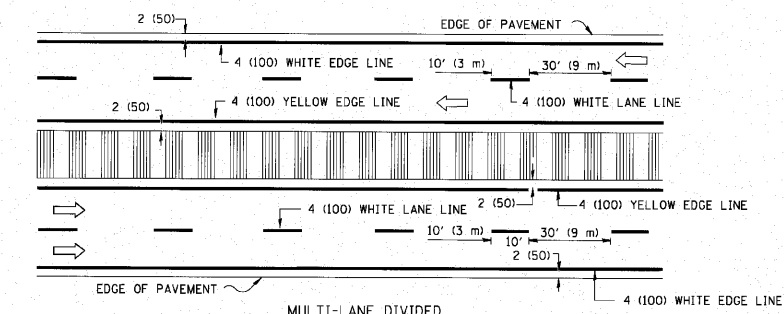
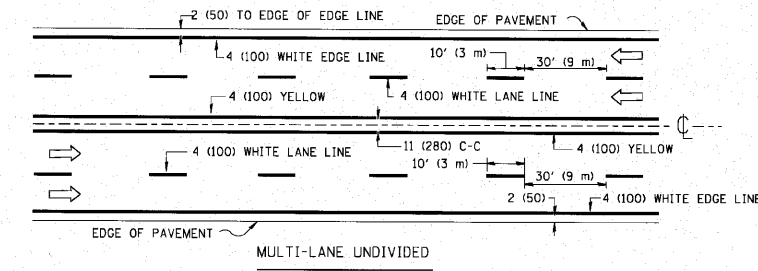
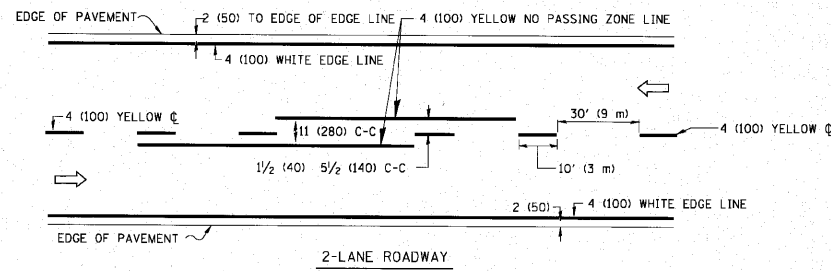
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

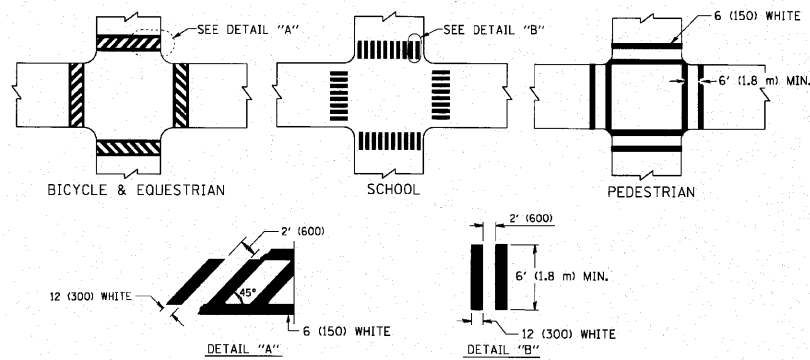
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F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00077-00-RS	COOK	16	15
TC-10			CONTRACT NO. 63526	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

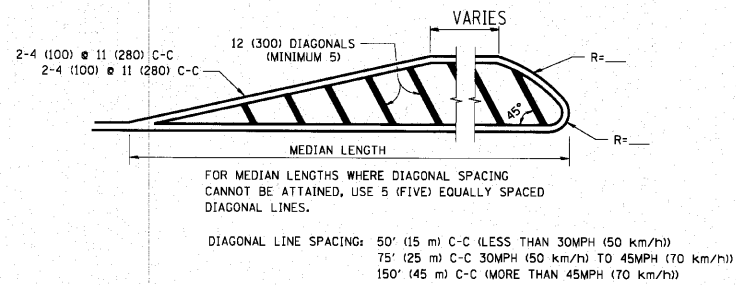
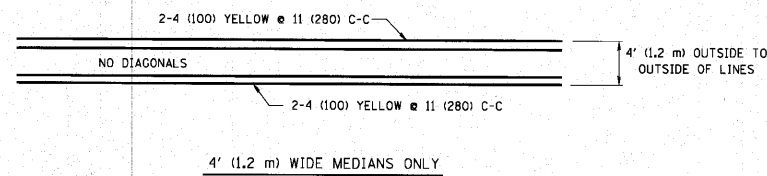


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

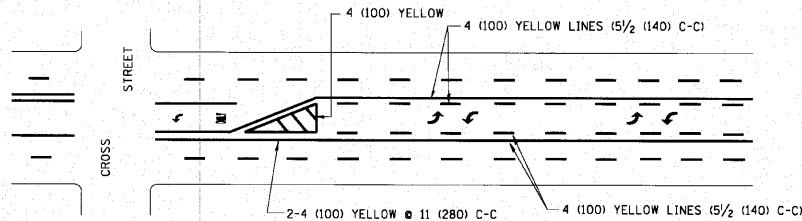
TYPICAL LANE AND EDGE LINE MARKING



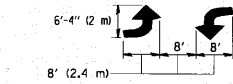
TYPICAL CROSSWALK MARKING



MEDIANS OVER 4' (1.2 m) WIDE

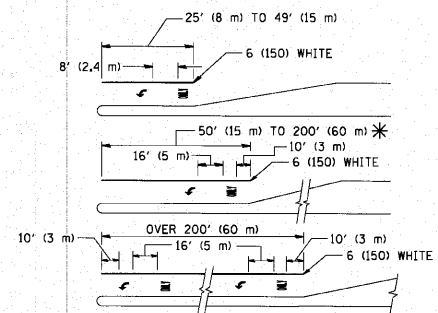


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

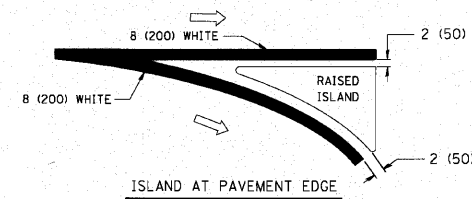
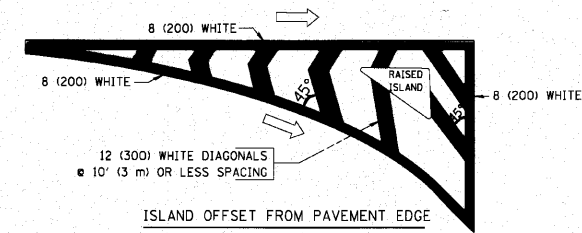


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
* AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (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 1/2 (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" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"-3.6 SQ. FT. (0.33 m ²) EACH "X"-54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

FILE NAME =	USER NAME = drivakoegn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
c:\pwwork\piv\dot\drivakoegn\d0108315\ta3.dgn		DRAWN -	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.202 / IN.		CHECKED -	REVISED -
PLOT DATE = 9/9/2009		DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	10-00077-00-RS	COOK	16	16
TC-13		CONTRACT NO. 63526		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				