11-08-2024 LETTING ITEM 112

FOR INDEX OF SHEETS, SEE SHEET NO. 2 FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION
ASHLAND AVE (W OF DOUGLAS AVE) - MAJOR COLLECTOR
ASHLAND AVE (E OF DOUGLAS AVE) - MINOR COLLECTOR

TRAFFIC DATA 2018 ADT W. OF DOUGLAS AVE = 6,150 2018 ADT E. OF DOUGLAS AVE = 4,000

POSTED SPEED LIMIT ASHLAND AVE = 30 MPH

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PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL

FEDERAL AID

0

DESIGN SPEED LIMIT ASHLAND AVE = 30 MPH

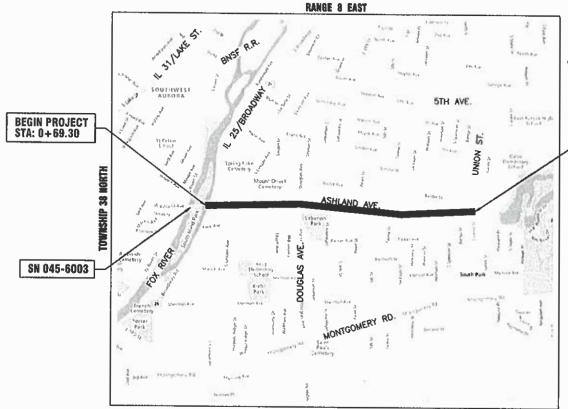
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1650 (ASHLAND AVE.) IL ROUTE 25/BROADWAY TO UNION ST. **ROADWAY RESURFACING** SECTION NO.: 24-00366-00-RS **PROJECT NO.: LG5Q(579)**

CITY OF AURORA KANE COUNTY

C-91-246-24



LOCATION MAP

GROSS LENGTH OF PROJECT = 6,921.00 FEET (1.311 MILES)

NET LENGTH OF PROJECT = 6,921.00 FEET (1.311 MILES)

KANE COUNTY - AURORA TOWNSHIP THIRD PRINCIPAL MERIDIAN

CONTRACT NO. 61K66

811 OR 1-800-892-0123

Know what's below. Call before you dig.

ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT

CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION

RANGE 8 EAST

PLANS PREPARED BY THE CITY OF AURORA

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

LOCATION OF SECTION INDICATED THUS:

DEPARTMENT OF TRANSPORTATION

23-00366-00-RS

REGIONAL ENGINEER

END PROJECT STA: 69+90.10

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, DETAILS, HIGHWAY STANDARDS AND GENERAL NOTES
3 - 5	SUMMARY OF QUANTITIES
6 - 7	TYPICAL SECTIONS
8 - 14	RESURFACING PLANS
15	EROSION CONTROL DETAILS
16 - 24	I.D.O.T. DISTRICT 1 DETAILS

ILLINOIS URBAN MANUAL EROSION CONTROL DETAILS

IUM-654SB	TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE
IUM-561C	INLET PROTECTION - PAVED AREAS CURB PROTECTION
IUM-561D	INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION

DISTRICT ONE DETAILS

BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

HIGHWAY STANDARDS

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
DECIMAL OF AN INCH AND OF A FOOT
TEMPORARY EROSION CONTROL SYSTEMS
PAVEMENT JOINTS
CLASS C AND D PATCHES
FRAME AND LIDS TYPE 1
FRAME AND LIDS TYPE 11
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
URBAN LANE CLOSURE, MULTILANE INTERSECTION
SIDEWALK, CORNER OR CROSSWALK CLOSURE
TRAFFIC CONTROL DEVICES
TYPICAL PAVEMENT MARKING

GENERAL NOTES

- 1. ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", JANUARY 1, 2022 AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, JANUARY 1, 2024.
- 2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY THE IDENTIFIED DISCREPANCIES.
- 3. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- 4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY, STATE, OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- 5. THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE RIGHT-OF-WAY OF ANY STREET AND/OR PARK PROPERTY SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER
- 6. OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- 7. SIDEWALK REMOVAL AND REPLACEMENT AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AS SHOWN ON THE PLANS IS FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS AND QUANTITIES ARE TO BE DETERMINED AND MARKED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- 8. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS.
- 9. THE CONTRACTOR SHALL VERIFY THAT ALL CRACKS, JOINTS, AND FLANGEWAYS ARE CLEAN AND DRY PRIOR TO PLACEMENT OF MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS.
- 10. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. DEBRIS AND SURPLUS MATERIAL SHALL BE REMOVED AND RESTORATION SHALL PROCEED AS THE WORK PROCEEDS. IF THE ENGINEER SO DIRECTS, THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. DEBRIS AND SURPLUS MATERIAL SHALL BE DISPOSED BY THE CONTRACTOR OFF-SITE.
- 11. DRIVEWAY ENTRANCES WILL BE KEPT OPEN TO TRAFFIC AT ALL TIMES. THE CONTRACTOR WILL BE ALLOWED TO CLOSE A MAXIMUM OF HALF THE AREA OF ANY ONE ENTRANCE AT ANY TIME. IT IS ESSENTIAL THAT THE ENTRANCES REMAIN OPEN AND 'DRIVE-ABLE' FOR TWO-WAY TRAFFIC AT ALL TIMES. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL AND PROTECTION. WHERE NEW CURB AND GUTTER IS TO BE INSTALLED ACROSS A DRIVEWAY, IT IS EXPECTED THAT ONLY HALF OF THE DRIVEWAY ENTRANCE MAY BE REMOVED AND REPLACED AT ANY ONE TIME. ONLY AFTER PROPER CONCRETE CURE TIME HAS OCCURRED MAY THE CONTRACTOR BEGIN REMOVAL AND REPLACEMENT OPERATIONS ON THE REMAINING HALF OF THE CURB AND GUTTER. THE CONTRACTOR WILL NOT BE ALLOWED TO CLOSE A HALF OF DRIVEWAY ENTRANCE FOR MORE THAN 48 HOURS UNDER ANY CIRCUMSTANCE.
- 12. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN
- 13. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1.5 INCHES WHERE THE SPEED IS 45 MPH OR LESS, WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.
- 14. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 15. ALL NITROGEN, PHOSPHOROUS, AND POTASSIUM FERTILIZER NUTRIENTS HAVE BEEN INTENTIONALLY OMITTED FROM THE CONTRACT ON THE SEEDING OR SODDING APPLICATION.
- 16. TREES RECEIVING TREE TRUNK PROTECTION AND TREE ROOT PRUNING ARE TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING UTILITIES FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. ALL UTILITY COMPANIES AND THE CITY OF AURORA SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO
- 2. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER.
- 3. ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12 INCHES IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OF CATCH BASINS, MANHOLES, INLETS AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.
- 4. THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES (IN VALVE BOXES AND VALVE VAULTS) SHALL REMAIN READILY ACCESSIBLE TO THE CITY FOR EMERGENCY OPERATIONS AND NOT BURIED DURING CONSTRUCTION, UNLESS APPROVED BY THE ENGINEER. THE LOCATIONS OF ALL WATER FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES. FOR ALL OTHER STRUCTURES THAT NEED TO BE ADJUSTED THAT ARE NOT WATER, THE CONTRACTOR CAN CHOOSE TO ADJUST THEM ACCORDING TO BD-08. THE CONTRACTOR CAN ALSO CHOOSE TO BURY WATER STRUCTURES ACCORDING TO BD-08 WITH APPROVAL BY THE ENGINEER. THE CONTRACTOR WOULD NEED TO PROVIDE A DETAILED SCHEDULE OF MILLING, PAVING, AND ADJUSTMENT TIMELINES FOR THE ENGINEER'S REVIEW. APPROVAL BY THE ENGINEER IS NOT GUARANTEED AND WOULD BE CONTINGENT ON THE CONTRACTOR BURYING WATER STRUCTURES LAST AND ADJUSTING THEM FIRST CONTINGENT ON THE CONTRACTOR BURNING WATER STRUCTURES LAST AND ADJUSTING FIRST HIT THE CONTRACTOR IS TO DETERMINE ANY PROTECTION OR RAMPING THAT IS REQUIRED AROUND STRUCTURES IF THEY ARE NOT BURIED. OPEN LID STORM MANHOLE STRUCTURES IN THE PAVEMENT MAY NOT BE ABLE TO BE ADJUSTED ACCORDING TO BD-08.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN THEIR YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.

SIGNING AND STRIPING

- 1. ALL EXISTING SIGNS (INCLUDING THOSE LOCATED ON UTILITY/LIGHT POLES) THAT DO NOT CONFLICT WITH THE IMPROVEMENTS SHALL REMAIN IN PLACE UNLESS DIRECTED BY THE ENGINEER.
- 2. SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- 3. SEE IDOT DISTRICT ONE DETAILS TC-13 (DISTRICT ONE TYPICAL PAVEMENT MARKINGS), AND TC-16 (SHORT TERM PAVEMENT MARKINGS LETTERS AND SYMBOLS) AND PLAN SHEETS FOR PAVEMENT
- 4. GRINDING OF PAVEMENT MARKINGS ON NEWLY CONSTRUCTED HOT-MIX ASPHALT SHALL NOT BE

COMMITMENTS

FINAL PAVEMENT ELEVATIONS SHALL NOT BE CHANGED IN THE FLOODPLAIN EAST OF STA. 52+00.

USER NAME = HOPPM	DESIGNED	-	AN	REVISED -
FILE NAME = Ashland Ave-Cover-Ph2	DRAWN	-	MH	REVISED -
PLOT SCALE = N.T.S.	CHECKED	-	TW	REVISED -
PLOT DATE = 9/26/2024	DATE	_	03/01/2024	REVISED -

INDEX OF OUTETO DETAILS HIGHWAY STANDARDS AND SENERAL MOTES	FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
INDEX OF SHEETS, DETAILS, HIGHWAY STANDARDS AND GENERAL NOTES	1650	23-00366-00-RS	KANE	24	2
			CONTRA	ACT NO. 6	1K66
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT		

CODE NUMBE	R ITEM DESCRIPTION	UNIT	QUANTITY ROADWAY 80% FEDERAL 20% LOCAL 0005
20101100	TREE TRUNK PROTECTION	EACH	5
20101200	TREE ROOT PRUNING	EACH	5
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	461
25200110	SODDING, SALT TOLERANT	SQ YD	461
25200200	SUPPLEMENTAL WATERING	UNIT	24.9
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	95
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	22379
40600370	LONGITUDINAL JOINT SEALANT	FOOT	8784
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	13.3
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	399
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1824
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	3714
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6750
42400800	DETECTABLE WARNINGS	SQ FT	460
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	33153
44000600	SIDEWALK REMOVAL	SQ FT	6750

t INDICATES SPECIALTY ITEM

COMPANY NAME:	
CLENT:	
DATE PLOTTED:	8/19/
FRE NAME:	Ashlar
PLOT DRIVER	DWC 1
PEN TABLE:	1001

USER NAME = HOPPM	DESIGNED	-	AN	REVISED	-
FILE NAME = Ashland Ave-Cover-Ph2	DRAWN	_	мн	REVISED	_
PLOT SCALE = N.T.S.	CHECKED	_	TW	REVISED	-
PLOT DATE = 8/19/2024	DATE	_	03/01/2024	REVISEO	-

1							RTE.	SECTION	COUNTY	SHEETS	NO.	
1		CUBARA ROV OF CUBARTITIES						1650	23-00365-00-RS	KANE	24	3
ı									CONTRA	CT NO. 5	1K66	
	SCALE: N.T.S. SHEET NO. 01 OF 03 SHEETS STA. TO STA.						ILUNOIS FED. A	D PROJECT				

				QUANTITY ROADWAY
	CODE NUMBER	ITEM DESCRIPTION	UNIT	80% FEDERAL 20% LOCAL 0005
	44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	170
	44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	330
	44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	660
	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	500
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	4894
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1632
t	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	255
t	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5894
t	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2934
t	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	224
t	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	461

t INDICATES SPECIALTY ITEM

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USER NAME = HOPPM	DESIGNED	-	AN	REVISED	_
FILE NAME = Ashland Ave~Cover~Ph2	DRAWN	-	мн	REVISED	_
PLOT SCALE == N.T.S.	CHECKED	_	TW	REVISEO	_
 PLOT DATE = 8/19/2024	DATE	_	03/01/2024	REVISED	-

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

R)						FAU RTE.	SECTION	COUNTY	TOTAL, SHEETS	SHEET NO.						
	SUMMARY OF QUANTITIES							1650	23-00366-00-RS	KANE	24	4				
										CONTRACT NO. 61K66						
	SCALE: N	N.T.S.	SHEET I	NO. 02	OF 03	SHEETS	STA.	TO STA.				D PROJECT				

	CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY ROADWAY 80% FEDERAL 20% LOCAL 0005
t	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	255
t	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	5894
t	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2934
t	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	224
t	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	461
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	60
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	664
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	25
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	108
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	177
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t INDICATES SPECIALTY ITEM

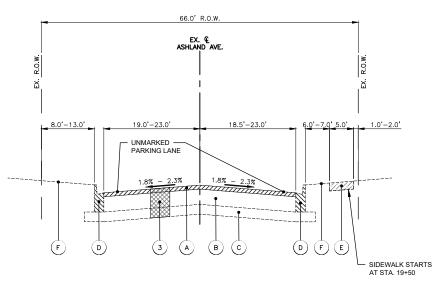
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	FILE NAME == Ashland Ave-Cover-Ph2	DRAWN	•••	MH	REVISED	-
1	PLOT SCALE = N.T.S.	CHECKED		TW	REVISED	
	PLOT DATE = B/19/2024	DATE	_	03/01/2024	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

								FAU RTE.	SECTION	COUNTY	TOTAL SHEETS				
1		SUMMARY OF QUANTITIES						1650	23-00366-00-RS	KANE	24				
ı											CONTRA	CT NO. 6			
J	SCALE:	N.T.S.	SHEET		03 OF	03	SHEETS	STA.	TC	STA.			ILLINOIS FED. A	D PROJECT	

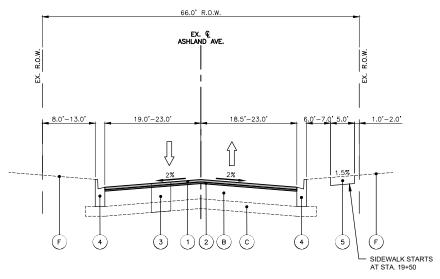
8/19/2024 10:59 AM Ashland Ave-Cover-Ph2 OWG To POF.pc3

CLIENT:
DATE PLOTTED: 8/19/2024 11
FILE NAME: Ashlond Ave—Co
PLOT DRIVER: DWG TO PDF.DR



EXISTING TYPICAL SECTION - ASHLAND AVE.

STA: 0+69.3 - STA: 24+50.0



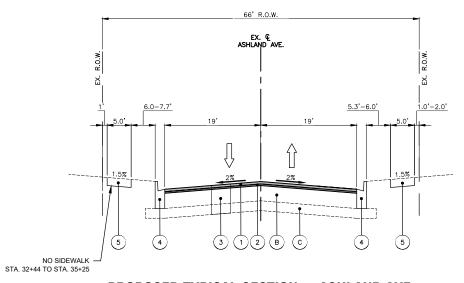
PROPOSED TYPICAL SECTION - ASHLAND AVE.

STA: 0+69.3 - STA: 24+50.0

66' R.O.W. 6.0-7.7 5.3'-6.0' 1.0'-2.0' UNMARKED PARKING LANE 1.8% - 2.3% D F E (3) (B) NO SIDEWALK STA. 32+44 TO STA. 35+25

EXISTING TYPICAL SECTION - ASHLAND AVE.

STA: 24+50.0 - STA: 51+00.0



PROPOSED TYPICAL SECTION - ASHLAND AVE.

STA: 24+50.0 - STA: 51+00.0

EXISTING LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL, 3.0" EXISTING PAVEMENT HMA, 11"

AGGREGATE SUBBASE, 4"

COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24

PORTLAND CEMENT CONCRETE SIDEWALK, 5"

EXISTING GROUND

OPERATION	MIXTURE TYPE	AIR VOIDS	OMP
OPERATION	MIXTORE TIPE	@ NDES	QMP
PAVEMENT RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR.	LR1030-2
PAVEMENT RESURFACING	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"	3.5% @ 50 GYR.	LR1030-2
CLASS D PATCHES	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4% @ 70 GYR.	LR1030-2
QMP DESIGNATION: QUALIT	ry control/quality assurance (qc/qa) per lr1030-2		

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

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 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG64-22" UNLESS MODIFIED BY RÉCLAIMED MATERIALS SPECIFICATIONS.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE P HMA BC IL-4.75 N50.

PROPOSED LEGEND

HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"

POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"

CLASS D PATCHES WITH SUBBASE GRANULAR MATERIAL TYPE B, 8" (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)

COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)

PCC SIDEWALK, 5" (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)

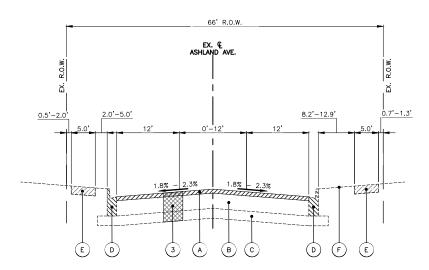
NOTES:

- THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

 NO PROPOSED WORK WILL TAKE PLACE OUTSIDE OF THE EXISTING R.O.W.

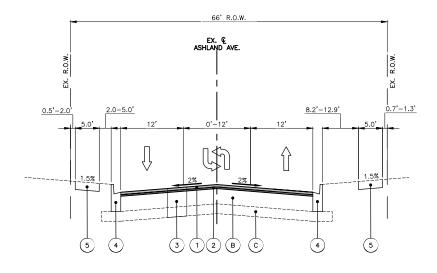
	 FINAL PAVEMENT ELEVATIONS SHALL REMAIN UNCHANGED IN THE FLOODPLAIN.

USER NAME = HOPPM	DESIGNED - AN	REVISED -			ASHLAND AVENUE		FAU RTF	SECTION	COUNTY	TOTAL SHEET
FILE NAME = Ashland Ave-Typ Sections	DRAWN - MH	REVISED -	STATE OF ILLINOIS		TYPICAL SECTIONS		1650	23-00366-00-RS	KANE	24 6
PLOT SCALE = N.T.S.	CHECKED - TW	REVISED -	DEPARTMENT OF TRANSPORTATION	TIFICAL SECTIONS			i -		CONTRA	ACT NO. 61K66
PLOT DATE = 8/19/2024	DATE - 03/01/2024	REVISED -		SCALE: N.T.S.	SHEET NO. 01 OF 02 SHEETS STA.	TO STA.		ILLINOIS FED. AII	D PROJECT	



EXISTING TYPICAL SECTION - ASHLAND AVE.

STA: 51+00.0 - STA: 69+90.1



PROPOSED TYPICAL SECTION - ASHLAND AVE.

STA: 51+00.0 - STA: 69+90.1

EXISTING LEGEND

A HOT-MIX ASPHALT SURFACE REMOVAL, 3.0"

B EXISTING HMA PAVEMENT, 11"

AGGREGATE SUBBASE, 4"

- COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24
- PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (F) EXISTING GROUND

NOTES:

- THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.
- NO PROPOSED WORK WILL TAKE PLACE OUTSIDE OF THE EXISTING R.O.W.
- FINAL PAVEMENT ELEVATIONS SHALL REMAIN UNCHANGED IN THE FLOODPLAIN.

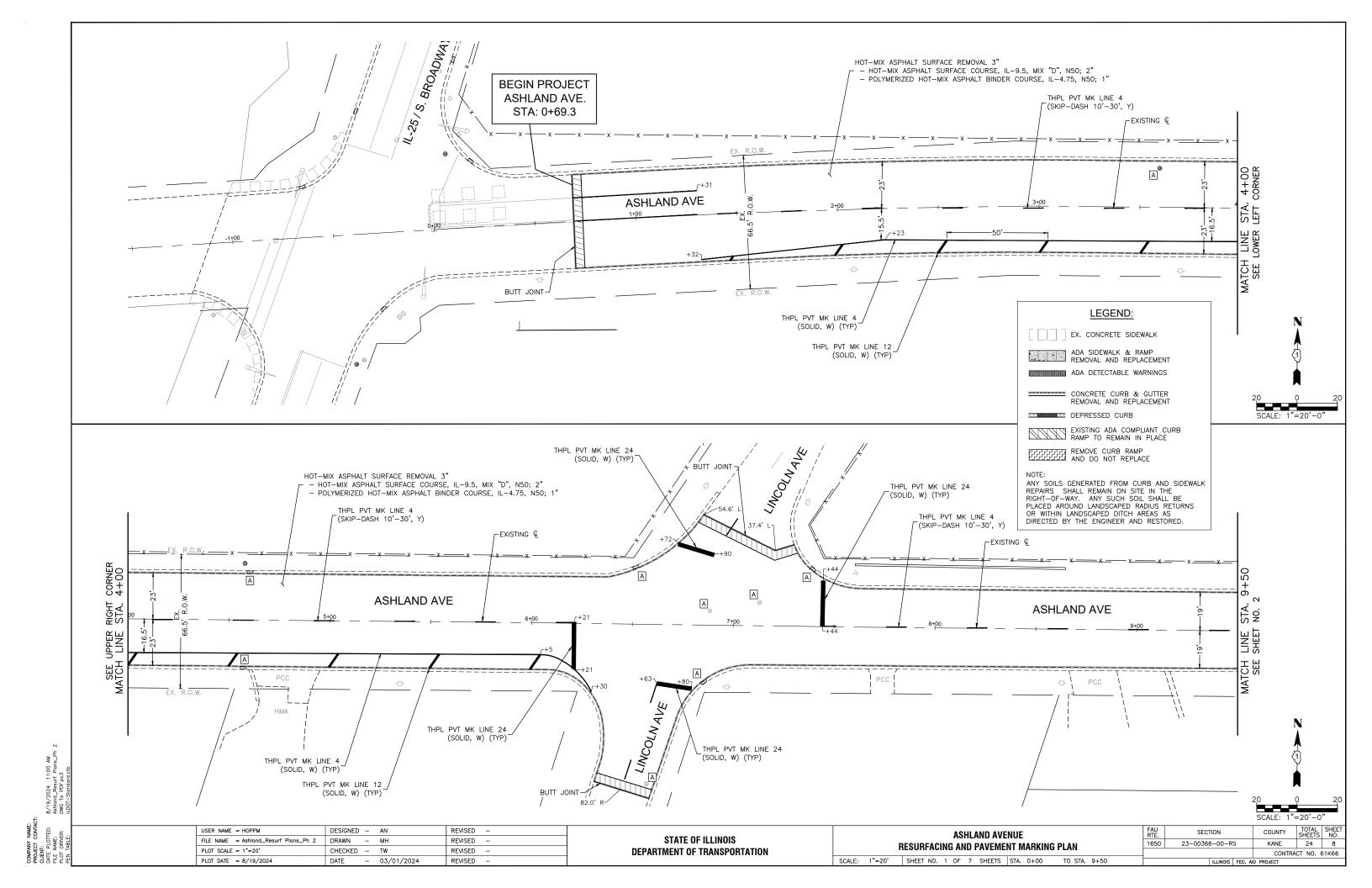
PROPOSED LEGEND

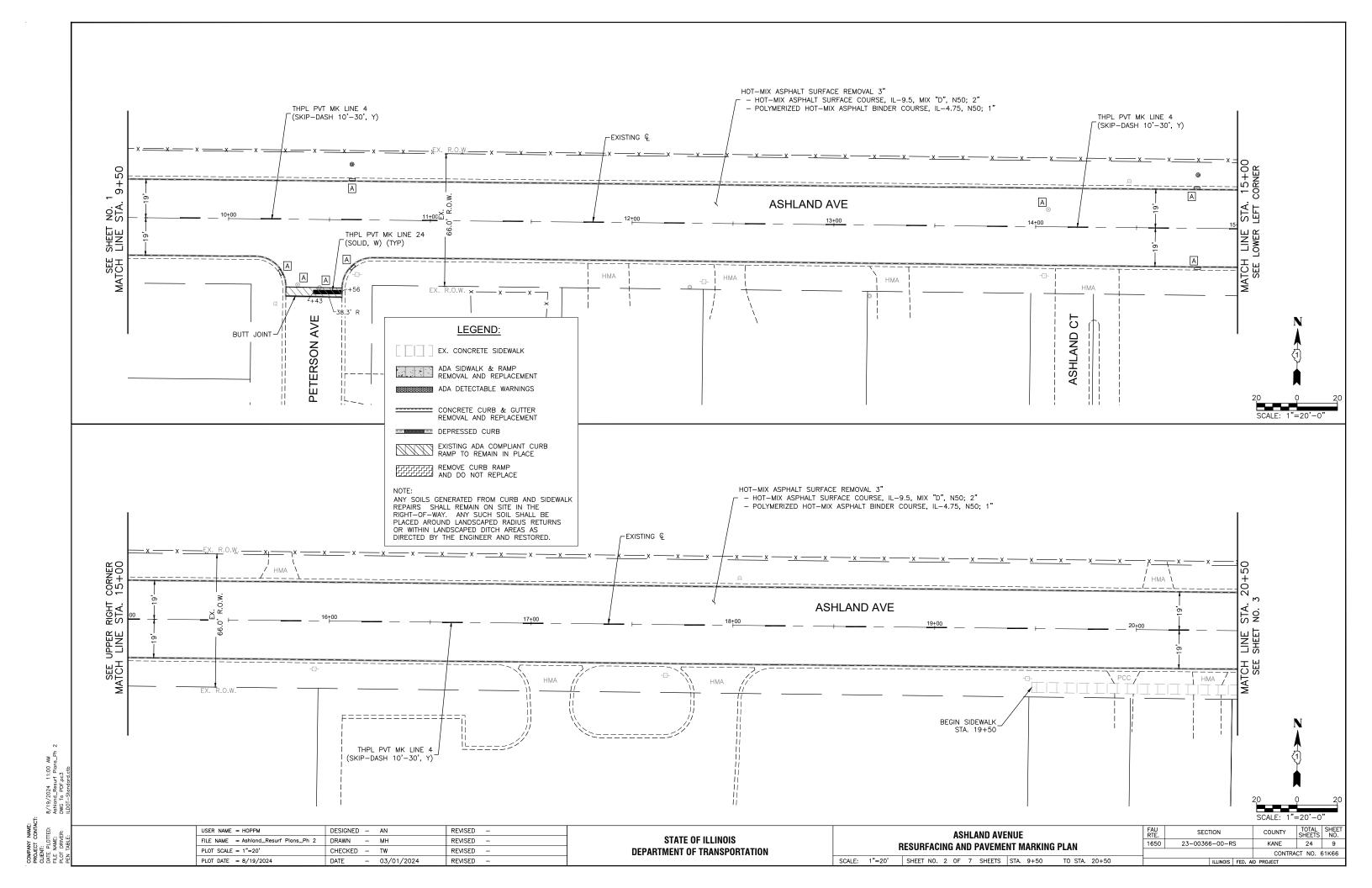
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- CLASS D PATCHES WITH SUBBASE GRANULAR MATERIAL TYPE B, 8" (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
 - COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- PCC SIDEWALK, 5" (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)

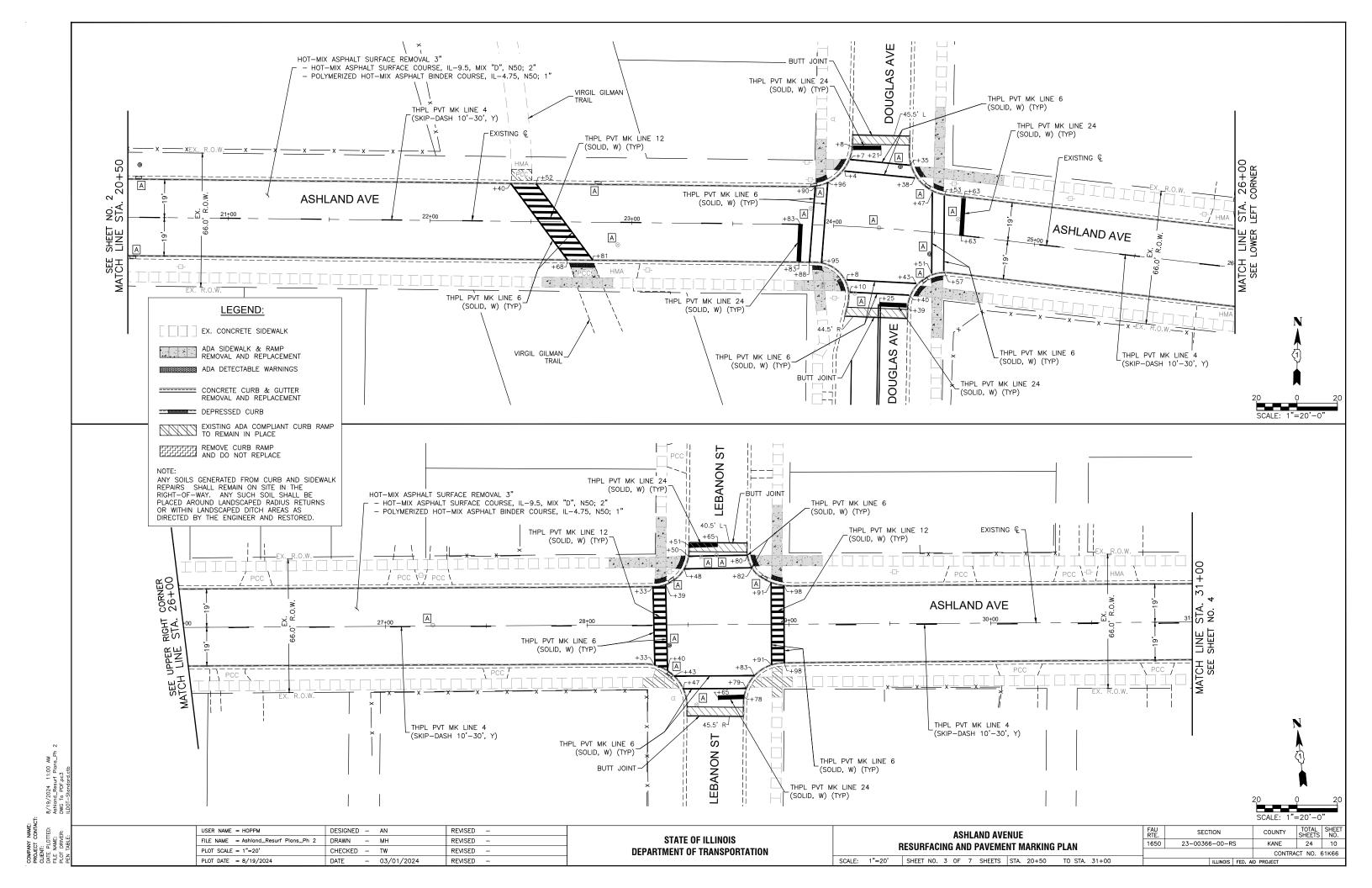
REVISED -USER NAME = HOPPM DESIGNED - AN FILE NAME = Ashland Ave-Typ Sections REVISED PLOT SCALE = N.T.S. CHECKED - TW REVISED PLOT DATE = 8/19/2024DATE - 03/01/2024 REVISED

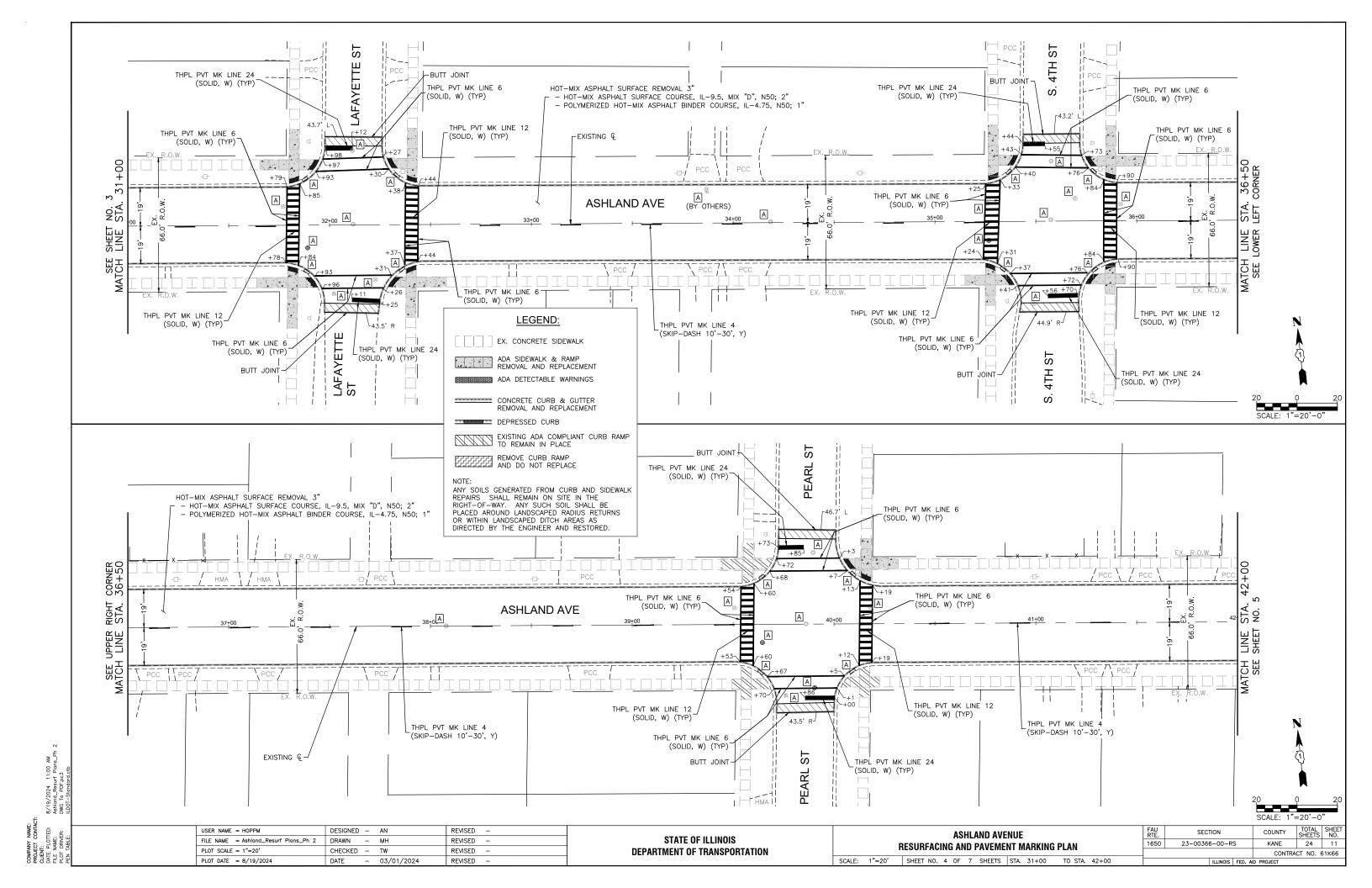
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION ASHLAND AVENUE 23-00366-00-RS KANE 24 7 TYPICAL SECTIONS CONTRACT NO. 61K66 SCALE: N.T.S. SHEET NO. 02 OF 02 SHEETS STA. TO STA.

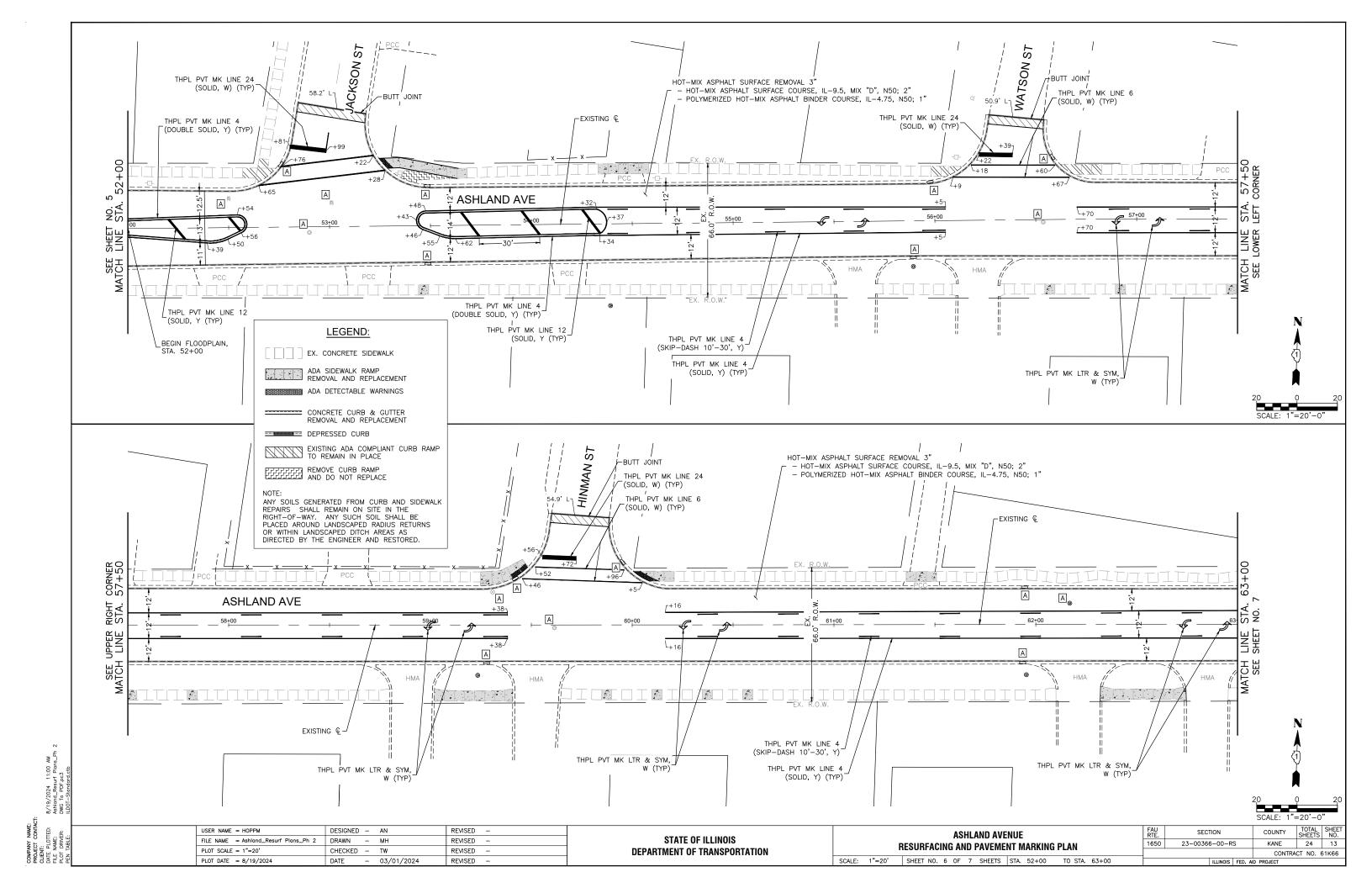


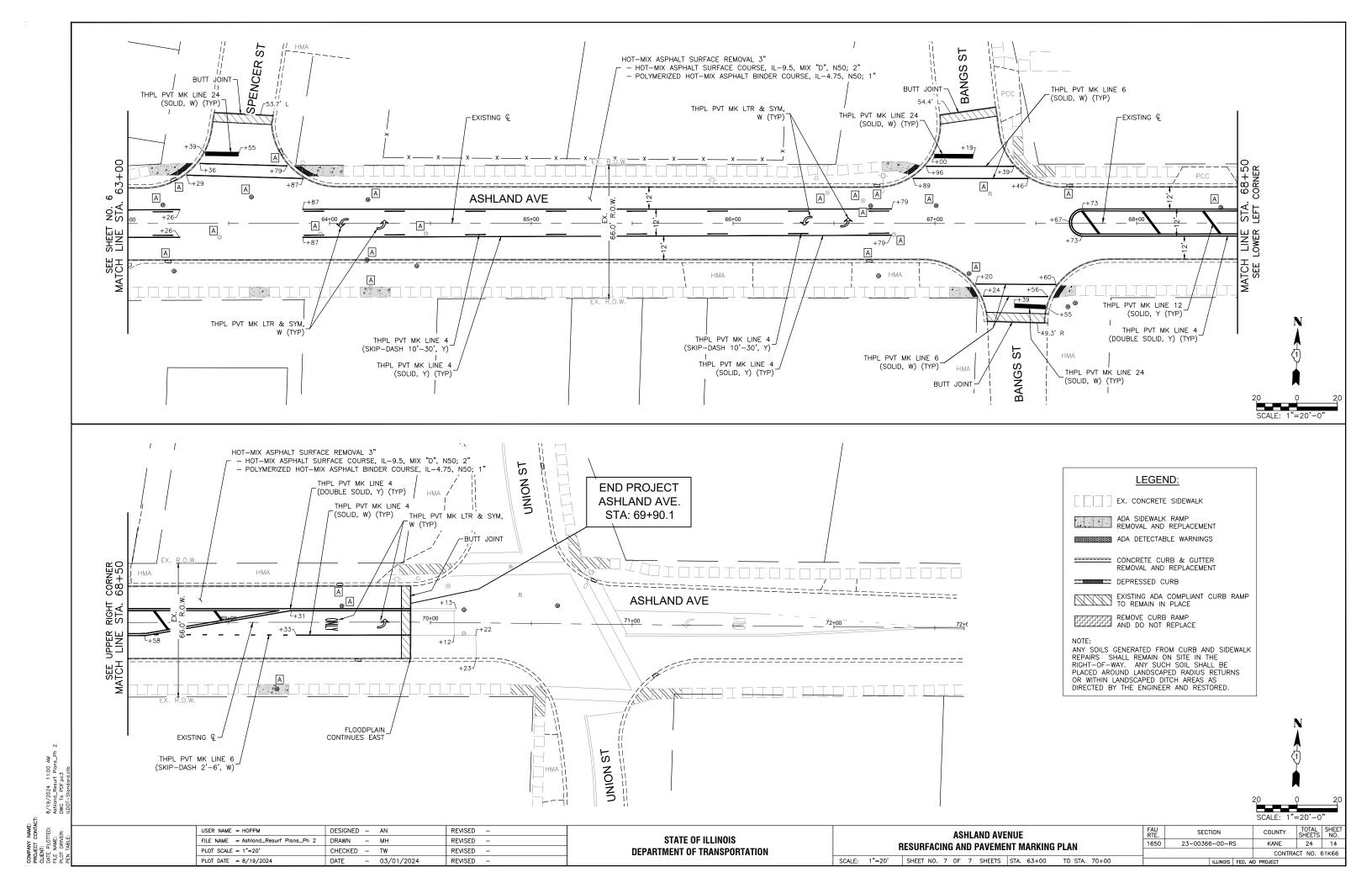


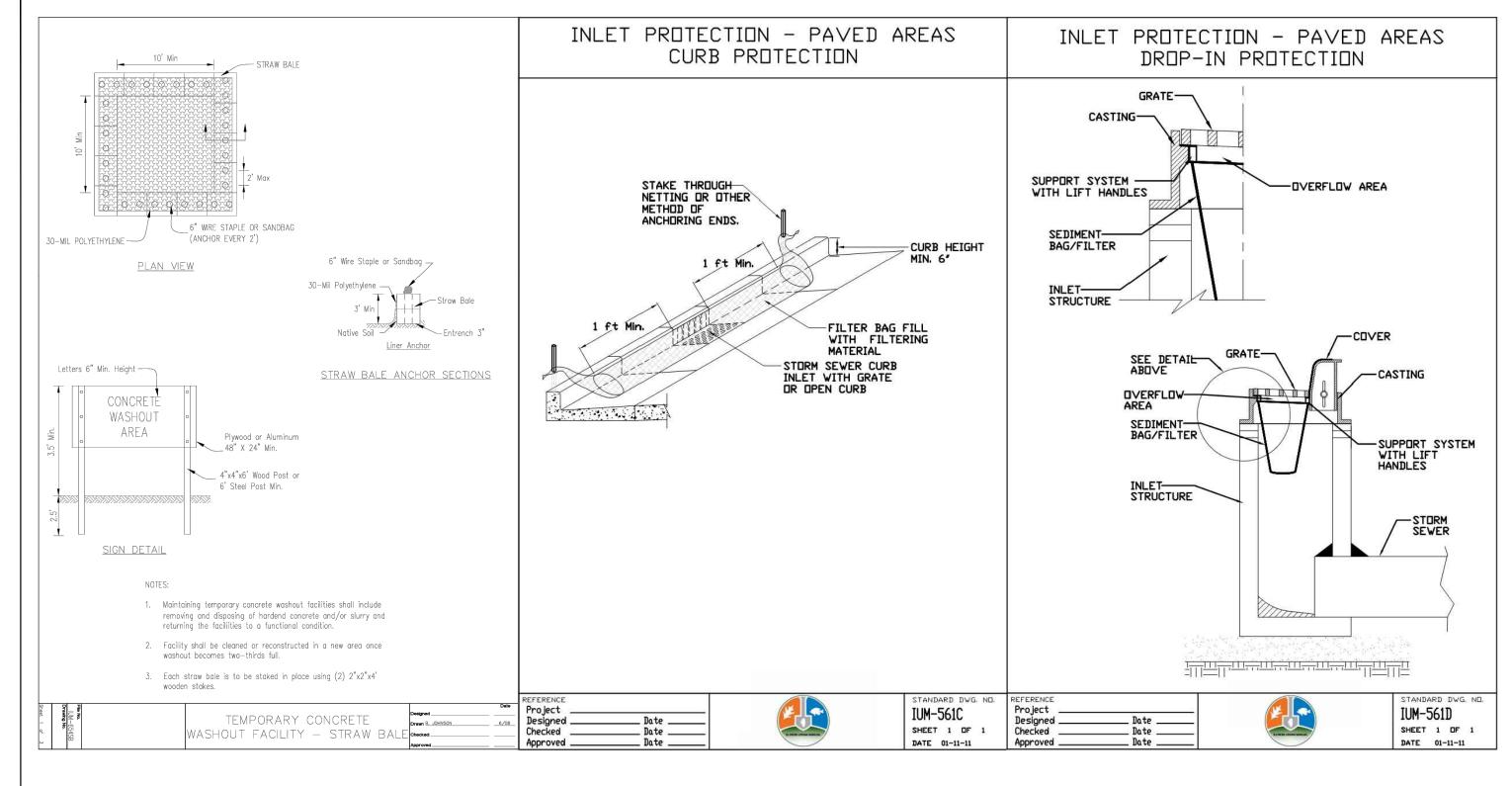




ST 5TH HOT-MIX ASPHALT SURFACE REMOVAL 3" BUTT JOINT - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"
- POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 1" THPL PVT MK LINE 6 THPL PVT MK LINE 24 (SOLID, W) (TYP) (SOLID, W) (TYP) THPL PVT MK LINE 24 (SOLID, W) (TYP) ⊢EXISTING € 47+50 CORNER THPL PVT MK LINE 6 THPL PVT MK LINE 6 (SOLID, W) (TYP) (SOLID, W) (TYP) ASHLAND AVE STA. LEFT Α LINE LOWER A +33-4 +31~ THPL PVT MK LINE 24 (SOLID, W) (TYP) THPL PVT MK LINE 6 .. THPL PVT MK LINE 4 (SOLID, W) (TYP) (SKIP-DASH 10'-30', Y) THPL PVT MK LINE 24 S (SOLID, W) (TYP) 5TH ST BUTT JOINT THPL PVT MK LINE 24 (SOLID, W) (TYP) LEGEND: ALMA THPL PVT MK LINE 6 EX. CONCRETE SIDEWALK (SOLID, W) (TYP) HOT-MIX ASPHALT SURFACE REMOVAL 3" - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2" ADA SIDEWALK RAMP REMOVAL AND REPLACEMENT - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 1" THPL PVT MK LINE 4 THPL PVT MK LINE 6 ADA DETECTABLE WARNINGS (DOUBLE SOLID, Y) (TYP) (SOLID, W) (TYP) EXISTING Q CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT DEPRESSED CURB EXISTING ADA COMPLIANT CURB RAMP
TO REMAIN IN PLACE A THPL PVT MK LINE 6 REMOVE CURB RAMP AND DO NOT REPLACE RIGHT STA. A (SOLID, W) (TYP) A A ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL SHALL BE PLACED AROUND LANDSCAPED RADIUS RETURNS **ASHLAND AVE** OR WITHIN LANDSCAPED DITCH AREAS AS DIRECTED BY THE ENGINEER AND RESTORED. THPL PVT MK LINE 12 (SOLID, Y (TYP) THPL PVT MK LINE 12 THPL PVT MK LINE 12 (SOLID, W) (TYP) (SOLID, W) (TYP) THPL PVT MK LINE 4 THPL PVT MK LINE 6 THPL PVT MK LINE 6 (SKIP-DASH 10'-30', Y) (SOLID, W) (TYP) (SOLID, W) (TYP) JACKSON BUTT JOINT THPL PVT MK LINE 24 'n (SOLID, W) (TYP) THPL PVT MK LINE 24 (SOLID, W) (TYP) USER NAME = HOPPM DESIGNED - AN REVISED -SECTION ASHLAND AVENUE REVISED STATE OF ILLINOIS 23-00366-00-RS 24 12 RESURFACING AND PAVEMENT MARKING PLAN PLOT SCALE = 1"=20" **DEPARTMENT OF TRANSPORTATION** CHECKED - TW REVISED CONTRACT NO. 61K66 SCALE: 1"=20' SHEET NO. 5 OF 7 SHEETS STA. 42+00 TO STA. 52+00 PLOT DATE = 8/19/2024DATE - 03/01/2024 REVISED





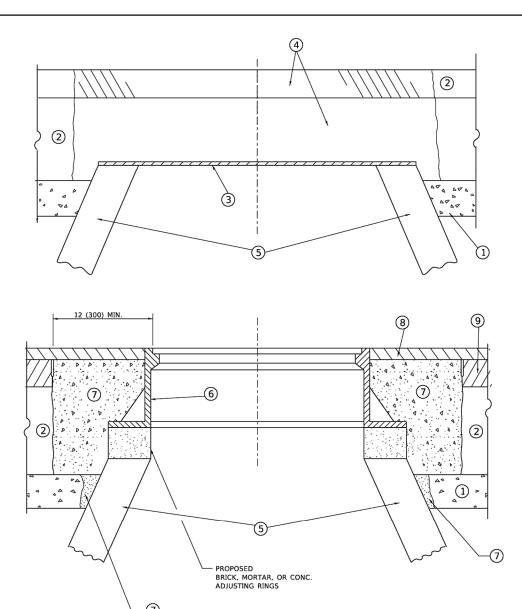


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8/19/2024	Ashland-Details	DWG To PDF.pc3	SEC-Standard oth
8/19	Ashla	DWG	SEC
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USER NAME = HOPPM	DESIGNED	-	AN	REVISED	_
FILE NAME = Ashland-Details	DRAWN	-	MH	REVISED	_
PLOT SCALE = N.T.S.	CHECKED	-	TW	REVISED	_
PLOT DATE = 8/19/2024	DATE	-	03/01/2024	REVISED	-

STATE OF ILLINOIS							
DEPARTMENT OF TRANSPORTATION							

	FAU RTE.	SECTION	COUNTY	COUNTY TOTAL SHEETS			
EROSION CONTROL DETAILS	1650	23-00366-00-RS	KANE	24	15		
	CONTRACT NO. 61K66						
SCALE: N.T.S. SHEET NO. 01 OF 01 SHEETS STA. TO STA.		ILLINOIS FEE	D. AID PROJECT				



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

- 1. 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.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

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 HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

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 PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- *UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

SUB-BASE GRANULAR
 MATERIAL

(6) FRAME AND LID (SEE NOTES)

(2) EXISTING PAVEMENT

(7) CLASS PP-2* CONCRETE

(3) 36 (900) DIAMETER METAL PLATE

: _

4 PROPOSED CRUSHED STONE AND HMA SURFACE MIX

8 PROPOSED HMA SURFACE COURSE

(5) EXISTING STRUCTURE

(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

- 1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11		DETAILS FOR	F.A. RTF	SECTION	COUNTY	TOTAL	SHEET NO.
	DRAWN -	REVISED - R. BORO 12-06-11	STATE OF ILLINOIS		1650	23-00366-00-RS	KANE	24	16
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22	DEPARTMENT OF TRANSPORTATION	FRAMES AND LIDS ADJUSTMENT WITH MILLING		BD600-03 (BD-08)	CONTRACT	Γ NO. 61	₹66
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT		-

METHOD OF MEASUREMENT

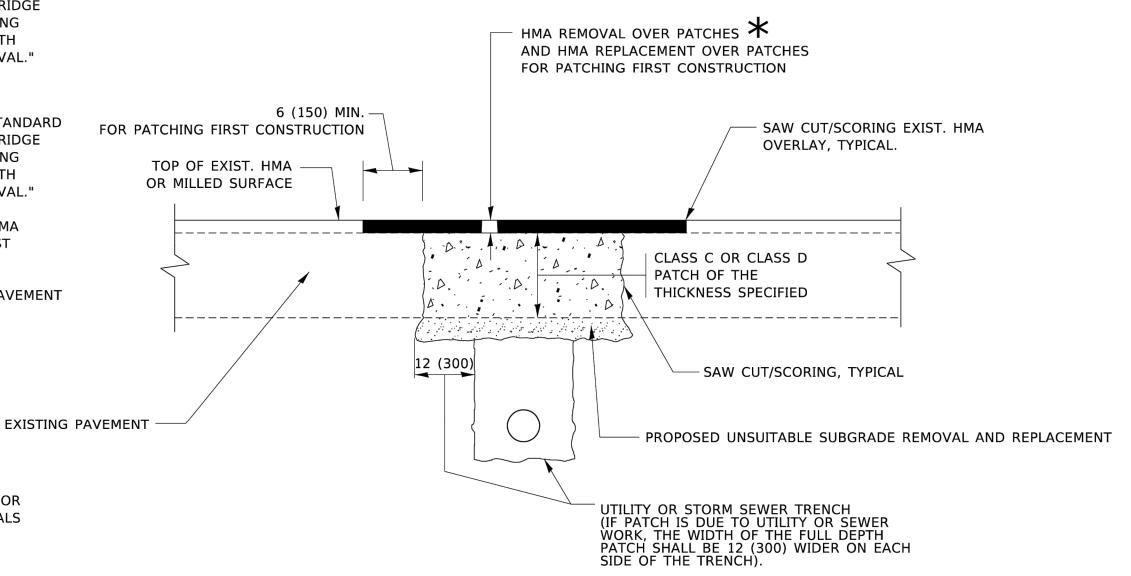
REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

- 1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
- SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
- 3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.

★ SEE TYPICAL SECTIONS FOR

THICKNESS AND MATERIALS



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

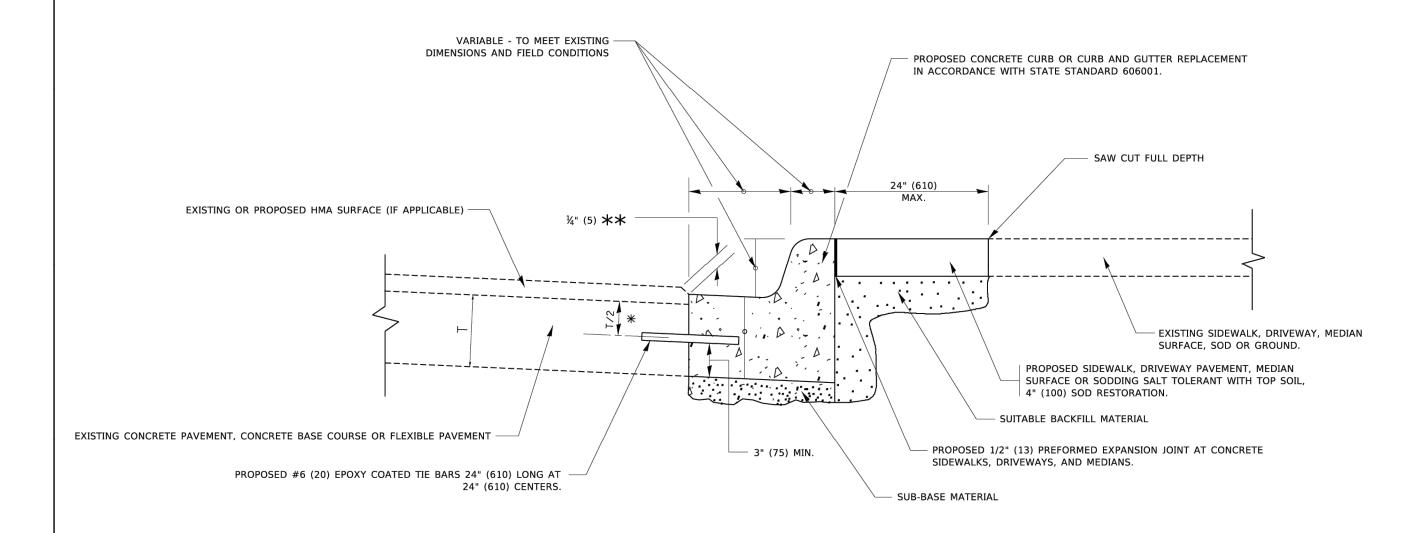
- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ 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.

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07			PAVEMENT PATCHING FOR		F.A. RTE	SECTION	COUNTY	TOTAL SHEET
	DRAWN -	REVISED - R. BORO 09-04-07	STATE OF ILLINOIS			ľ	1650	23-00366-00-RS	KANE	24 17
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08	DEPARTMENT OF TRANSPORTATION		HMA SURFACED PAVEMENT			BD400-04 (BD-22)	CONTRAC	T NO. 61K66
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS STA.	TO STA.	<u> </u>	ILLINOIS FED. AI	D PROJECT	

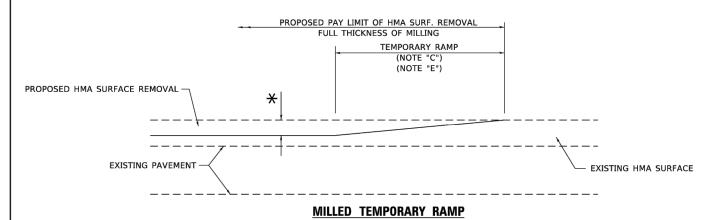


- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- $\star\star$ IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

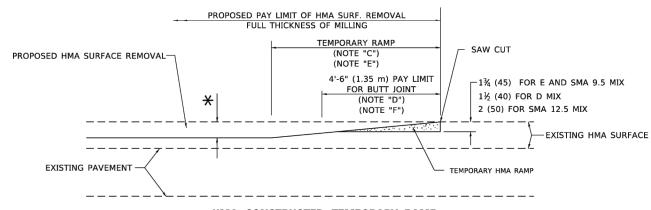
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	CURB OR CURB AND GUTTER F.A. SECTION				CURB OR CURB AND GUTTER				SECTION	COUNTY TOTAL SHEET NO.	
	DRAWN -	REVISED - M. GOMEZ 01-22-01	STATE OF ILLINOIS	REMOVAL AND REPLACEMENT			1650	23-00366-00-RS	KANE	24 18			
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09	DEPARTMENT OF TRANSPORTATION		KEIVIU	VAL AN	ID KEPLA	CEIVIENI			3D600-06 (BD-24)	CONTRAC	CT NO. 61K66
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE	SHEET 1	OF 1	SHEETS S	TA.	TO STA.		ILLINOIS FED. A	ID PROJECT	



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

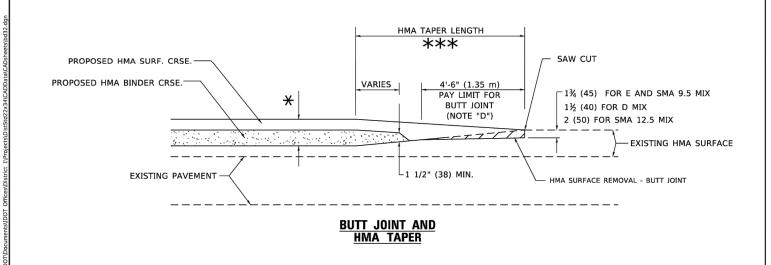


HMA CONSTRUCTED TEMPORARY RAMP

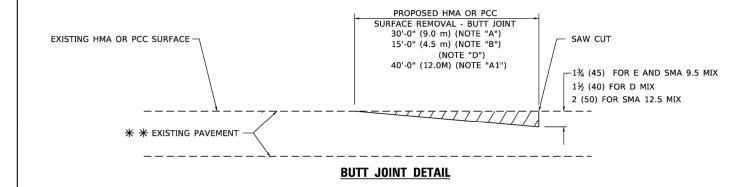
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

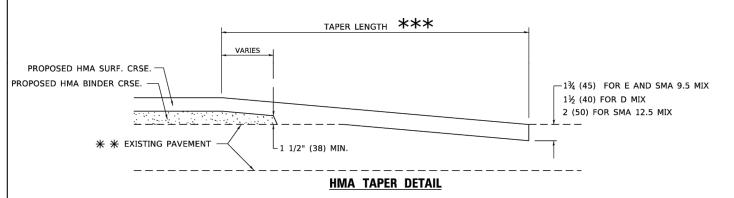
OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- 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' 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - igstar SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 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

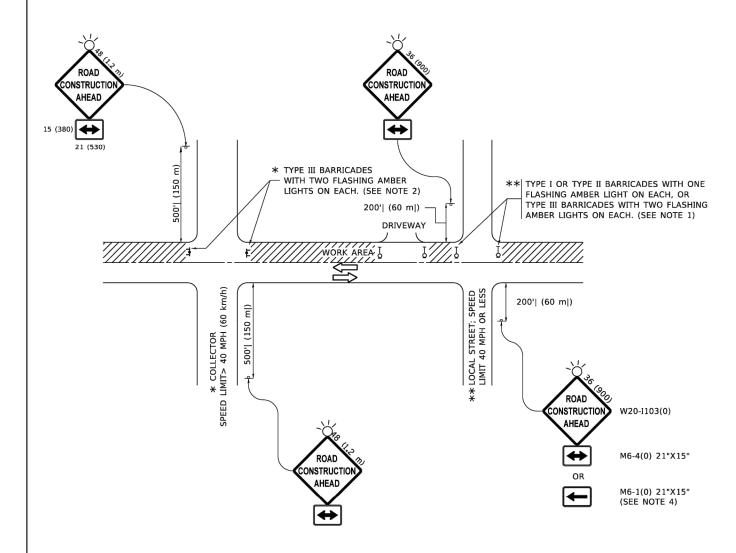
- THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED -	A. ABBAS 03-21-97
	DRAWN -	REVISED -	M. GOMEZ 04-06-0
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE 06-13-90	REVISED -	K SMITH 11-18-22

STAT	E OI	F ILLINOIS	
DEPARTMENT	0F	TRANSPORTAT	ION

BUTT JOINT AND HMA TAPER DETAILS						F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
						1650	23-00366-00-RS	KANE	24	19
							BD400-05 BD-32	CONTRACT	NO. 6	1K66
SCALE: NONE	SHEET 1	OF	1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				



NOTES:

- 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 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.
- 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 (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
 b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION
 OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
 4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL
 BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

SCALE: NONE

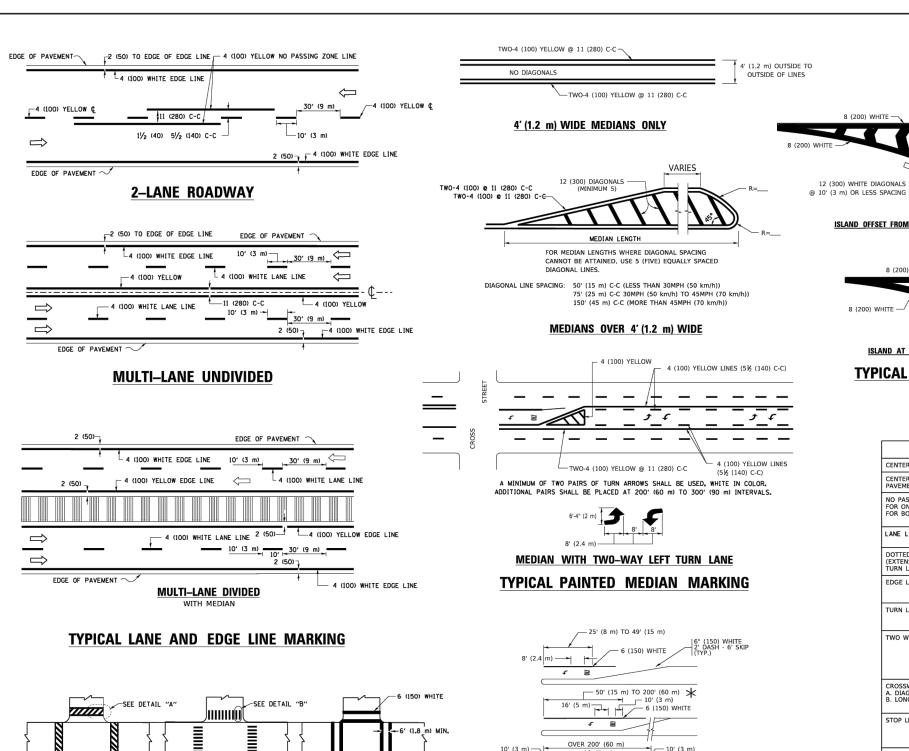
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET 1 OF 1 SHEETS STA. TO ST.

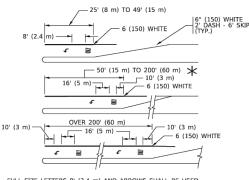


/////// BICYCLE & EQUESTRIAN PEDESTRIAN 2' (600) 6 (150) WHITE **12 (300) WHITE**

TYPICAL CROSSWALK MARKING

DETAIL "A"

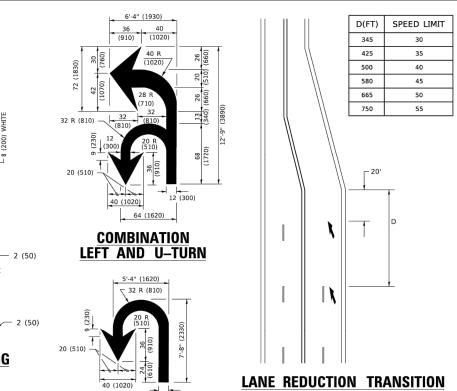
igspace + markings shall be installed parallel to the centerline of the road which it crosses



* 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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

		<u> </u>	Olliv	
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	5½ (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 MEDIANS IN YELLOW
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	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (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 5' (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 ZEACH "X"=54.0 SQ. FT. (5.0 m Z
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

U-TURN

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

ISLAND OFFSET FROM PAVEMENT EDGE

8 (200) WHITE -

ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

8 (200) WHITE -

RAISED

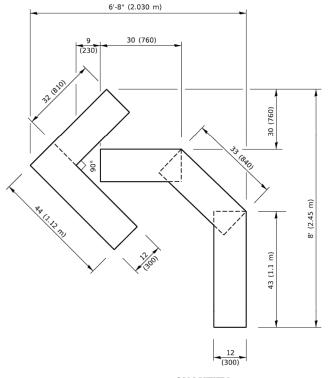
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = footemj DESIGNED -EVERS C. JUCIUS 09-09-09 DRAWN REVISED C. JUCIUS 07-01-13 CHECKED DATE C. JUCIUS 04-12-16 REVISED -

DETAIL "B"

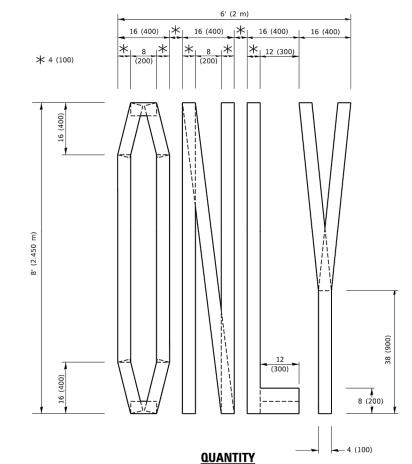
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	DISTRICT ONE TYPICAL PAVEMENT MARKINGS					COUNTY	TOTAL SHEETS	SHEET NO.
l -						KANE	24	21
						TC-13 CONTRACT		
SCALE: NONE SHEET	1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

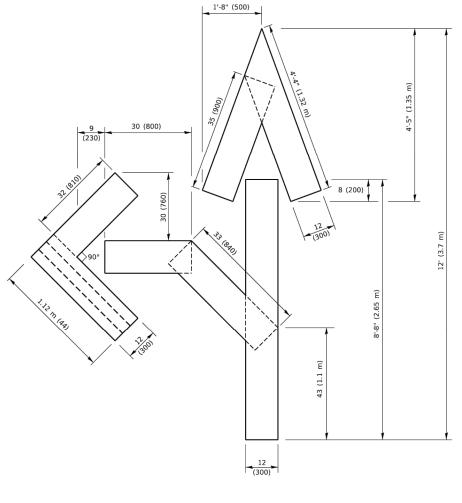


QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m) 15.2 sq. ft. (1.41 sq. m)



4 (100) LINE = 64.1 ft. (19.5 m) 21.4 sq. ft. (1.99 sq. m)

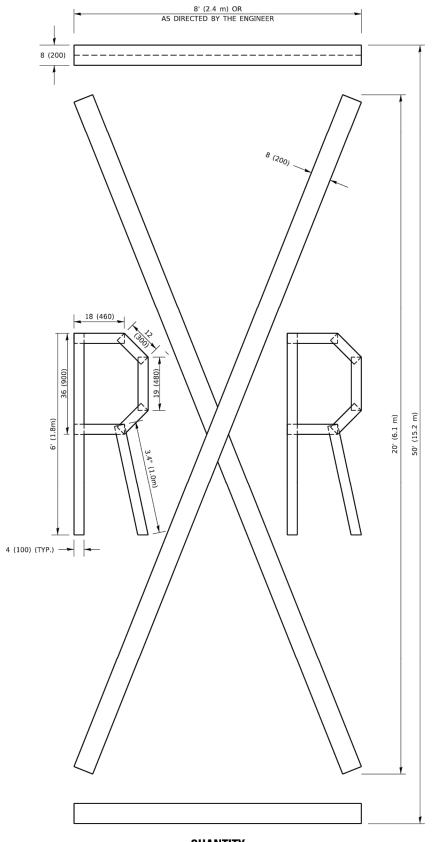


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m) 27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m) 75.3 sq. ft. (6.99 sq. m)

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

USER NAME = footemj	DESIGNED	-		REVISED	- T. RAMMACHER 03-02-98
	DRAWN	-		REVISED	- E. GOMEZ 08-28-00
PLOT SCALE = 50.0068 ' / in.	CHECKED	-		REVISED	- E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE	-	09-18-94	REVISED	- A. SCHUETZE 09-15-16

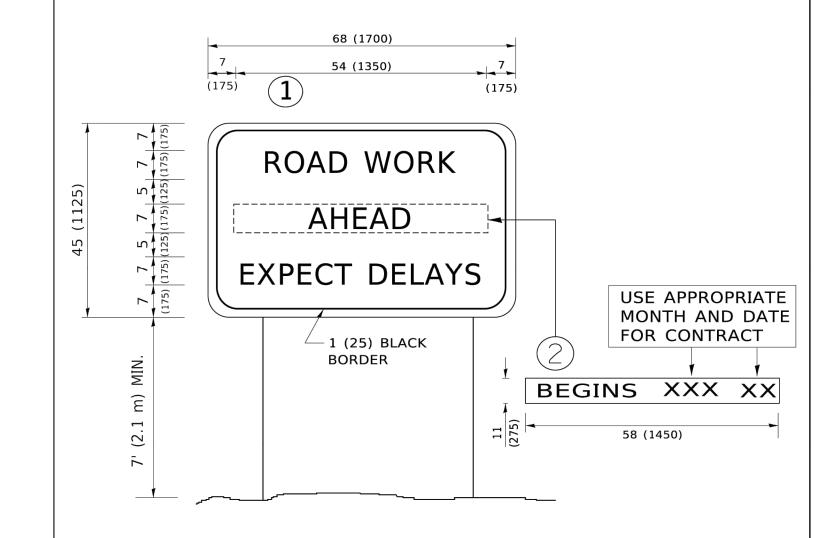
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	SHORT	TERM	PA	/EMENT	MARKING	LETTERS	AND	SYMBOLS	
TALE.	HONE	CUE	1	05 1	CHEETE	CTA		TO STA	

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

 1650
 23-00366-00-RS
 KANE
 24
 22

 TC-16
 CONTRACT NO. 61K66

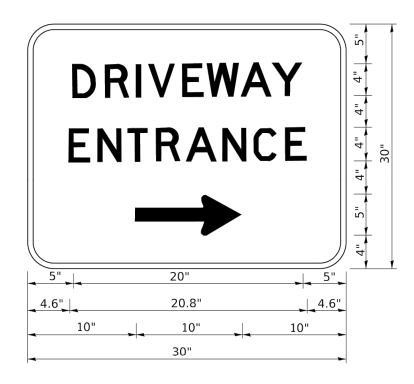


NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN(1)WITH INSTALLED PANEL(2)ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL 2 SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

USER NAME = footemj DESIGNED -REVISED - R. MIRS 09-15-97 ARTERIAL ROAD STATE OF ILLINOIS REVISED - R. MIRS 12-11-97 DRAWN 23-00366-00-RS 1650 KANE 24 23 INFORMATION SIGN PLOT SCALE = 50.0000 ' / in. CHECKED REVISED -T. RAMMACHER 02-02-99 **DEPARTMENT OF TRANSPORTATION** TC-22 CONTRACT NO. 61K66 REVISED - C. JUCIUS 01-31-07 SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. PLOT DATE = 3/4/2019



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

- 1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
- 2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
- 3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION