INDEX OF SHEETS STATE STANDARDS

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	442201-03	CLASS C AND D PATCHES
3	SUMMARY OF QUANTITIES	642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
4	EXISTING AND PROPOSED TYPICAL SECTIONS	701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
5-6	ROADWAY AND PAVEMENT MARKING PLANS	701011-04	OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
7	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
8	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
9	RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY (BD-55)	701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FRO SPEEDS \geq 45 MPH
10	TRAFFIC CONTROL AND PROTECTION FOR SIDE RAODS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
44	,	701901-10	TRAFFIC CONTROL DEVICES
11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)	780001-05	TYPICAL PAVEMENT MARKINGS
12	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
13	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)		
14	ARTERIAL ROAD INFORMATION SIGN (TC-22)		

GENERAL NOTES

- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE
 ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
- 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 5. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- 6. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT BRANDY KENNEDY, AREA TRAFFIC FIELD ENGINEER VIA EMAIL AT BRANDY.KENNEDY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 8. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE DISTRICT 1 TYPICAL PAVEMENT MARKINGS.
- 10. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE DISTRICT 1 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
- 11. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 12. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 13. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITAION PROJECTS INVLOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.

GENERAL NOTES CONTINUE ON NEXT SHEET

USER NAME = nicholas.babul	DESIGNED -	REVISED -
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PLOT DATE = 3/8/2025	DATE -	REVISED -

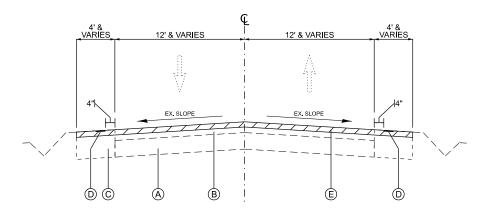
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DRIVEWAY ENTRANCE SIGNING (TC-26)

				<u> </u>	Ι	CO	NSTRUCTIO	N TYPE COI	DF							CC	ONSTRUCTION	TYPE COL)F	
	SUM	MARY OF QUANTITIES	1	4	0005				<u> </u>			SU	MMARY OF QUANTITIES			0005	- TOTAL OF TON		-	
CODE NO.		ITEM	UNIT	TOTAL QUANTITIES	80% FED	0005 100% STATE					CODE NO.		ITEM	UNIT	TOTAL QUANTITIES	80% FED 0005 20% STATE 100% STATI	E			
40600290	BITUMINOUS MATE	RIALS (TACK COAT)	POUND	6770	6770						78300200	RAISED REFLECT	TIVE PAVEMENT MARKER REMOVAL	EACH	43	43				
40600370	LONGITUDINAL JO	NT SEALANT	FOOT	2646	2646						78300202	PAVEMENT MARK	KING REMOVAL - WATER BLASTING	SQ FT	2419	2419				
40600400	MIXTURE FOR CRA	CKS, JOINTS, AND FLANGEWAYS	TON	16	16						X6420114	CENTER LINE - R	UMBLE STRIP - 16"	FOOT	2578	2578				
40600982	HOT-MIX ASPHALT	SURFACE REMOVAL - BUTT JOINT	SQ YD	76	76						X6700407	ENGINEER'S FIEL	LD OFFICE, TYPE A (D1)	CAL MO	6	6				
40603200	POLYMERIZED HO	T-MIX ASPHALT BINDER COURSE,	TON	414	414						★ X7800815	HOT SPRAY THEI LINE - 4 INCH	RMOPLASTIC PAVEMENT MARKING	FOOT	1877	1877				
40604172	POLYMERIZED HO'IL-9.5, MIX "E", N70	T-MIX ASPHALT SURFACE COURSE,	TON	983	983						Z0013798	CONSTRUCTION	LAYOUT	L SUM	1	1				
44000159	HOT-MIX ASPHALT	SURFACE REMOVAL, 2 1/2"	SQ YD	10030	10030						Z0030850	TEMPORARY INF	ORMATION SIGNING	SQFT	77.1	77.1				
44201785	CLASS D PATCHES	, TYPE I, 12 INCH	SQ YD	25	25															
44201789	CLASS D PATCHES	, TYPE II, 12 INCH	SQ YD	100	100															
44201794	CLASS D PATCHES	, TYPE III, 12 INCH	SQ YD	50	50															<u> </u>
44201796	CLASS D PATCHES	, TYPE IV, 12 INCH	SQ YD	25	25															
60920015	PIPE CULVERTS TO	D BE CLEANED 15"	FOOT	300		300	-													
64200116	SHOULDER RUMBL	E STRIPS, 16 INCH	FOOT	5224	5224															
67100100	MOBILIZATION		LSUM	1	1															
70100450	TRAFFIC CONTROL	AND PROTECTION, STANDARD 701201	LSUM	1	1															
70100460	TRAFFIC CONTROL	AND PROTECTION, STANDARD 701306	L SUM	1	1															
70300100	SHORT TERM PAVE	MENT MARKING	FOOT	6427	6427															
70300150	SHORT TERM PAVE	MENT MARKING REMOVAL	SQ FT	2143	2143															
70300221	TEMPORARY PAVE	MENT MARKING - LINE 4" - PAINT	FOOT	21537	21537															
70300281	TEMPORARY PAVE	MENT MARKING - LINE 24" - PAINT	FOOT	39	39															
* 78000200	THERMOPLASTIC I	PAVEMENT MARKING - LINE 4"	FOOT	5302	5302															
* 78000650	THERMOPLASTIC F	PAVEMENT MARKING - LINE 24"	FOOT	13	13															
* 78100100	RAISED REFLECTIV	/E PAVEMENT MARKER	EACH	43	43													* = {	SPECIALTY ITEM	 MS
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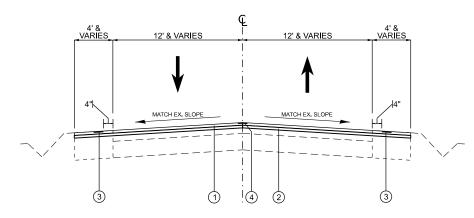
US 20 (GRANT HIGHWAY)



EXISTING TYPICAL SECTION

STA. 14+90 TO STA. 41+36

US 20 (GRANT HIGHWAY)



PRPOSED TYPICAL SECTION

STA. 14+90 TO STA. 41+36

LEGEND - EXISTING:

- A CONCRETE PAVEMENT ±8"
- (B) HOT MIX ASPHALT SURFACE BEFORE MILLING, ±6"
- © EXISTING HOT MIX ASPHALT SHOULDER
- (D) EXISTING SHOULDER RUMBLE STRIPS, 8"
- E HOT MIX ASPHALT SURFACE REMOVAL 2-1/2"

LEGEND - PROPOSED:

- 1 POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"
- 2 POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ③ PROPOSED SHOULDER RUMBLE STRIPS, 8"
- 4 PROPOSED CENTERLINE RUMBLE STRIPS, 16"

NOTES:

- 1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING.
- 2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLYMERIZED HMA BINDER COURSE IL-4.75.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	QUALITY MANAGEMENT						
MIXTURE TYPE	AIR VOIDS(%) @ Ndes	PROGRAM (QMP)					
PAVEMENT RESURFACING	•						
POLYMERIZED HOT MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70, 1-3/4"	4% @ 70 GYR.	QC/QA					
POLYMERIZED HOT MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC/QA					
PATCHING	TCHING						
CLASS D PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	QC/QA					
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CON PAY FOR PERFORMANCE (PFP)	(QCP);						

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

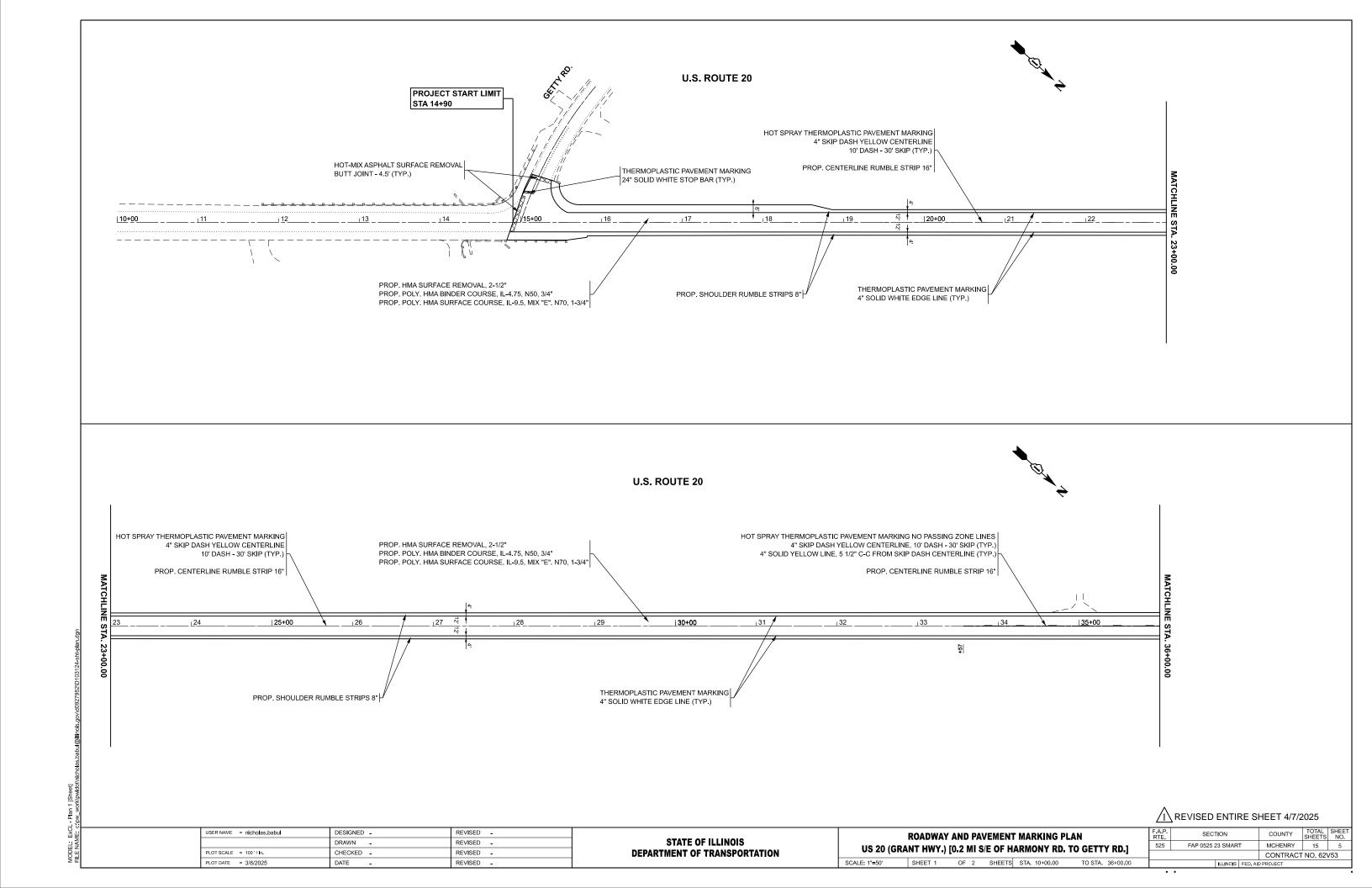
/ REVISED ENTIRE SHEET 4/7/2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS

US 20 (GRANT HWY.) [0.2 MI S/E OF HARMONY RD. TO GETTY RD.]

LE: SHEET 1 OF 1 SHEETS STA. TO STA.



U.S. ROUTE 20 HOT SPRAY THERMOPLASTIC PAVEMENT MARKING NO PASSING ZONE LINES 4" SKIP DASH YELLOW CENTERLINE, 10' DASH - 30' SKIP (TYP.) 4" SOLID YELLOW LINE, 5 1/2" C-C FROM SKIP DASH CENTERLINE (TYP.) PROJECT END LIMIT STA 41+36 PROP. CENTERLINE RUMBLE STRIP 16" HOT SPRAY THERMOPLASTIC PAVEMENT MARKING 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) PROP. SHOULDER RUMBLE STRIPS 8" PROP. CENTERLINE RUMBLE STRIP 16" [45+00 HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT - 4.5' (TYP.) PROP. HMA SURFACE REMOVAL, 2-1/2" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4" PROP. POLY. HMA SURFACE COURSE, IL-9.5, MIX "E". N70, 1-3/4" THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE EDGE LINE (TYP.)



REVISED ENTIRE SHEET 4/7/2025

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PLOT SCALE = 100 '/ In.	CHECKED -	REVISED -
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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

ROADWAY AND PAVEMENT MARKING PLAN										
US 20 (GRA	NT HWY.)	[0.2 MI S	E OF H	ARMONY RD. T	O GETTY RD.]					
	OUEET O	05.0	OUEETO	OT1 00 00 00	TO 071 10 00 00	_				

F.A.P. RTE	SEC	COUNTY	TOTAL SHEETS	SHEE		
525	FAP 0525 2	23 SMAR	Т	MCHENRY	15	6
			CONTRACT	NO. 62	/53	
		ILLINOIS	EED AII	D PRO JECT		

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 36+00.00