PAY ITEM NUMBER	DESIGNATION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE 0005 80% FEDERAL 20% STATE	0005 100% STATE	0021 100% VILLAGE
20200100	EARTH EXCAVATION	CU YD	14	14		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	95	95		
25200110	SODDING, SALT TOLERANT	SQ YD	95	95		
25200200	SUPPLEMENTAL WATERING	UNIT	1	1		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2	2		
28000510	INLET FILTERS	EACH	26	26		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	44	44		
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	30	30		
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	31	31	1	
~~35501288~~	~~HOT-MIX ASPHALT BASE COURSE, 2 1/2"~~	~~SQ YD~~	~~31~~	~~31~~		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	37,659	37,659		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	24,926	24,926		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	126	126		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,804	1,804		
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	22	22		
~~40602985~~	~~HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70~~	~~TON~~	~~22~~	~~22~~	1	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D" N50	TON	15	15		
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "E", N80	TON	8,214	8,214		
42001300	PROTECTIVE COAT	SQ YD	369	369		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	573	573		
42400800	DETECTABLE WARNINGS	SQ FT	48	48		
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	83,687	83,687		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	96	96	1	
44000600	SIDEWALK REMOVAL	SQ FT	323	323		
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	470	470		
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	50	50		
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	100	100		

	PAY ITEM NUMBER	DESIGNATION	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE 0005 80% FEDERAL 20% STATE	0005 100% STATE	0021 100% VILLAGE
	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	440	440		
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	100	100		
	60255500	MANHOLES TO BE ADJUSTED	EACH	1	1		
	60260100	INLETS TO BE ADJUSTED	EACH	9	9		
	60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	2	2		
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	400	400		
	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	18,298	18,298		
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	30	30		
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2		
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	2	2		
	67100100	MOBILIZATION	L SUM	1	1		
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1		
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		
	70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1		
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10		
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	416	416		
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	801	801		

* = SPECIALTY ITEM

1 REVISED SHEET 2/242022

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
IL-53 (UNIVERSITY PARKWAY TO 135TH STREET)

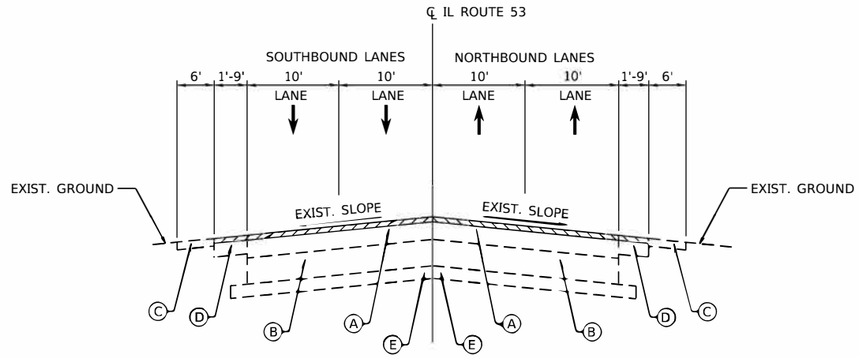
SCALE: NTS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
112	2021-053-RS	WILL	47	3

CONTRACT NO. 62N61

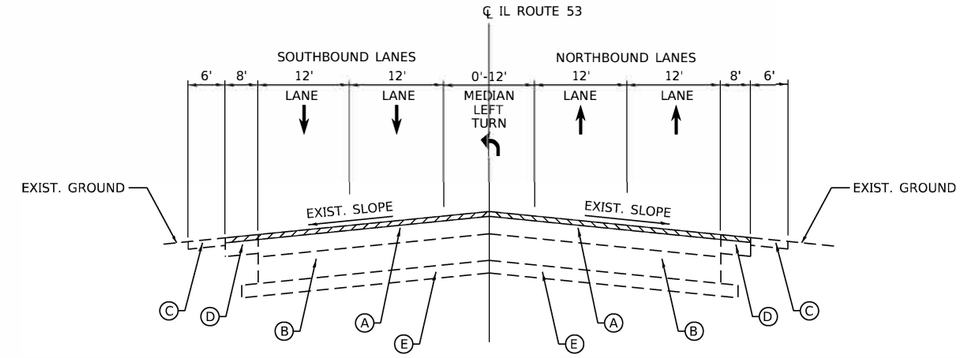
ILLINOIS | FED. AID PROJECT

REV-SEP



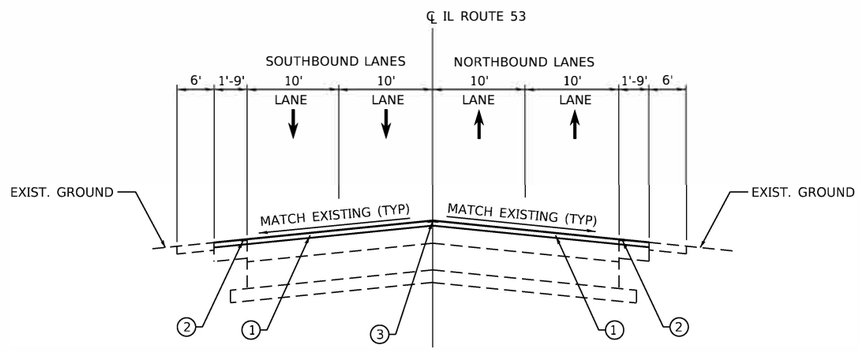
EXISTING TYPICAL CROSS SECTION

STA. 20+86 TO STA. 26+37
STA. 41+43 TO STA. 82+39
STA. 110+38 TO STA. 118+39



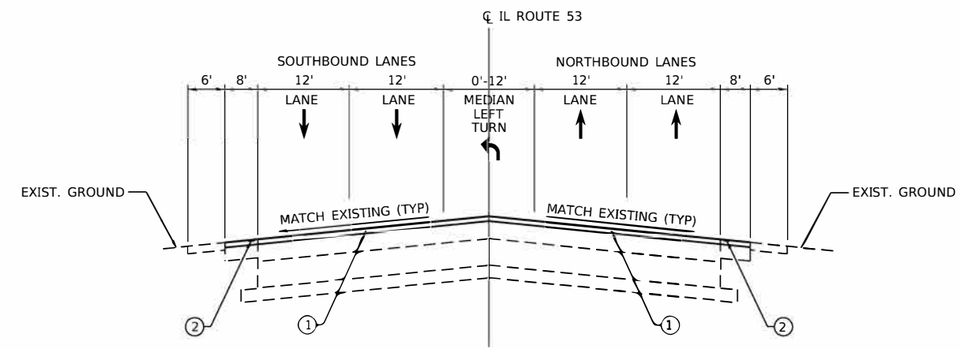
EXISTING TYPICAL CROSS SECTION

STA. 26+37 TO STA. 41+43
STA. 82+39 TO STA. 90+04



PROPOSED TYPICAL CROSS SECTION

STA. 20+86 TO STA. 26+37
STA. 41+43 TO STA. 82+39
STA. 110+38 TO STA. 118+39
END RUMBLE STRIPS AT STA. 116+00



PROPOSED TYPICAL CROSS SECTION

STA. 26+37 TO STA. 41+43
STA. 82+39 TO STA. 90+04

HOT-MIX ASPHALT MIXTURE REQUIRMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80; 1 3/4"	3.5% @ 80 GYR	PFP
MEDIAN SURFACE IMPROVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 GYR	QC/QA
DRIVEWAY RESTORATION		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19.0)	4.0% @ 50 GYR	QC/QA
MEDIAN RESTORATION FOR C&G REM & REPL. PER BD-24: HMA BINDER COURSE, IL-19.0, N70	4.0% @ 70 GYR	QC/QA
PATCHING CLASS D PATCHES, (HMA BINDER IL-19 mm)	4.0% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA): QUALITY CONTROL FOR PERFORMANCE (QCP): PAY FOR PERFORMANCE (PFP)		

MIXTURE REQUIREMENT NOTES:

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

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

LEGEND

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT, 9"±
- (B) EXISTING P.C.C. BASE COURSE, 9"±
- (C) EXISTING AGGREGATE SHOULDER, 6"±
- (D) EXISTING PAVED SHOULDER, 8"±
- (E) EXISTING SUB-BASE GRANULAR MATERIAL, TYP B, 4"±
- (F) EXISTING MEDIAN
- (G) EXISTING CURB AND GUTTER TYPE B-6.24
- (1) POLYMERIZED HOT-MIX ASPHALT SC SMA, 9.5, MIX "F", N80, 1 3/4"
- (2) SHOULDER RUMBLE STRIPS, 8"
- (3) CENTERLINE RUMBLE STRIPS, 16"

LEGEND:

1-3/4" HMA SURFACE REMOVAL

NOTES:

1. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.
2. THE CONTRACTOR SHALL MILL BEFORE PATCHING .

1 REVISED SHEET 2/24/2022

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL-53 (UNIVERSITY PARKWAY TO 135TH STREET)

SCALE: NTS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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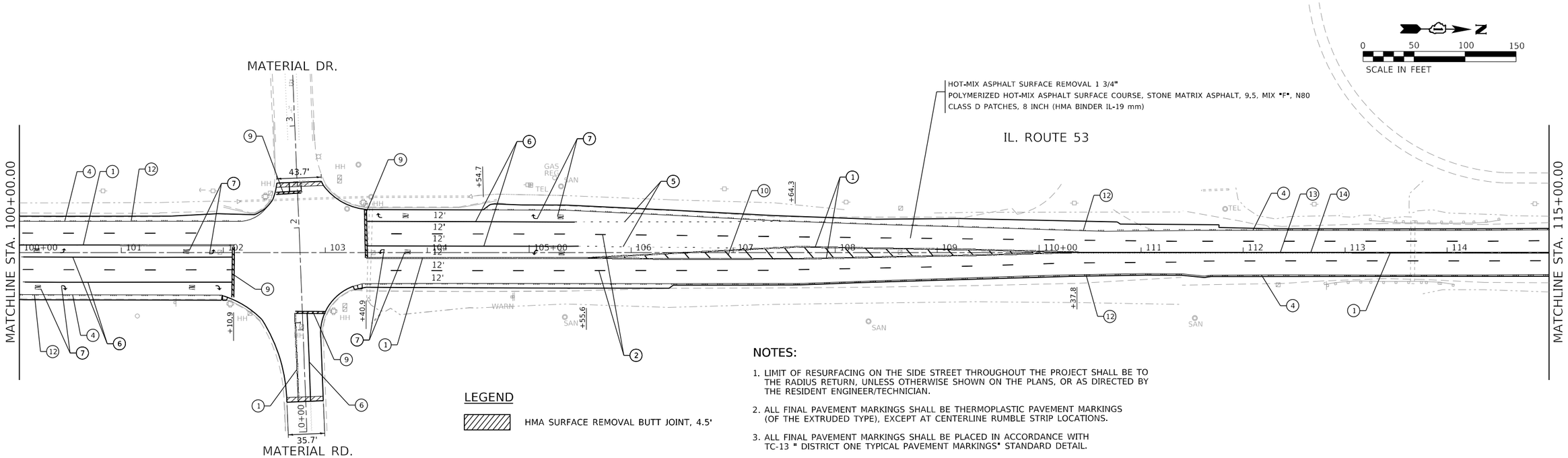
		CONTRACT NO. 62N61		
		ILLINOIS	FED. AID PROJECT	

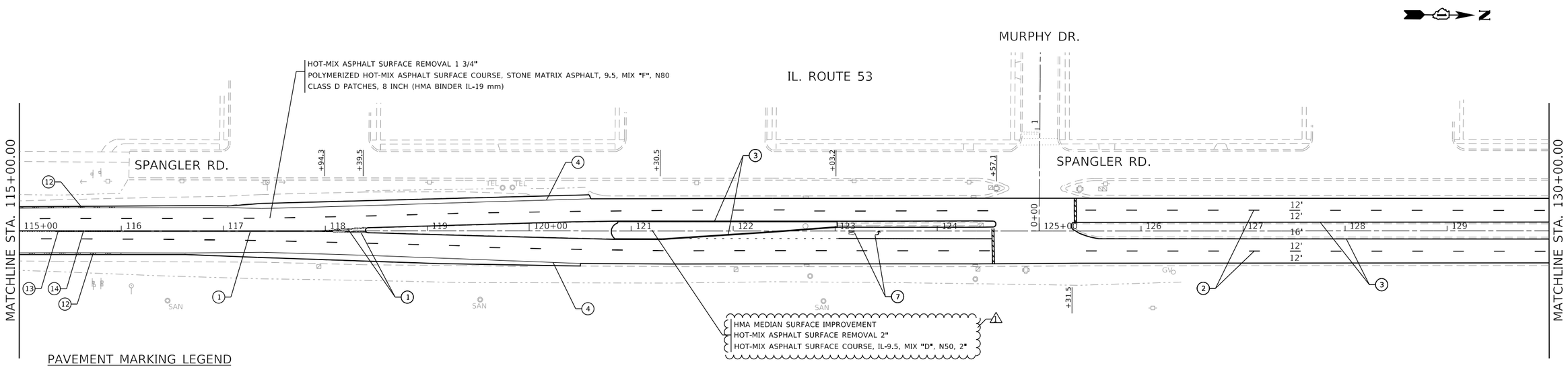


LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

NOTES:

1. LIMIT OF RESURFACING ON THE SIDE STREET THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER/TECHNICIAN.
2. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PAVEMENT MARKINGS (OF THE EXTRUDED TYPE), EXCEPT AT CENTERLINE RUMBLE STRIP LOCATIONS.
3. ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 " DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
4. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.



PAVEMENT MARKING LEGEND

1. LINE 2 @ 4" SOLID YELLOW, 11" C-C - CENTERLINE (TYP)
2. LINE 4", SKIP-DASH, WHITE (10' LINE - 30' SPACE) - LANE LINES (TYP)
3. LINE 4", SOLID, YELLOW - EDGE LINE (TYP)
4. LINE 4", SOLID WHITE - EDGE LINE (TYP)
5. LINE 6", SKIP-DASH, WHITE (2' LINE - 6' SPACE) - DOTTED LINES (TYP)
6. LINE 6", SOLID WHITE - TURN LANE MARKING (TYP)
7. LETTERS & SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP)
8. LINE 12", SOLID, WHITE - CONTINENTAL CROSSWALK (TYP)
9. LINE 24", SOLID, WHITE - STOP LINES (TYP)
10. LINE 12", SOLID, YELLOW - PAINTED MEDIANS DIAGONALS (TYP) (SEE DISTRICT DETAIL TC-13 FOR SPACING)
11. LINE 12", SOLID, WHITE - SHOULDER DIAGONALS @ 45° (TYP) (SEE DISTRICT TC-13 FOR SPACING)
12. SHOULDER RUMBLE STRIPS, 8"
13. CENTERLINE RUMBLE STRIPS, 16"
14. HOT SPRAY PAVEMENT MARKING LINE 2 @ 4" SOLID YELLOW, 11" C-C

1 REVISED SHEET 2/24/2022

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PLOT DATE = 2/22/2022	DATE - 09/15/2021		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY AND PAVEMENT MARKING PLANS
IL-53 (UNIVERSITY PARKWAY TO 135TH STREET)

SCALE: 1" = 50' | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
112	2021-053-RS	WILL	47	11
		CONTRACT NO. 62N61		
		ILLINOIS	FED. AID PROJECT	