01-16-2026 LETTING ITEM 007

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	38	1
	ILLINOIS	CONTRACT NO. 61L56		

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

FUNCTIONAL CLASSIFICATION
MOLITOR ROAD
(ELIZABETH LN TO DIEHL RD) - MAJOR COLLECTOR
MOLITOR ROAD
(DIEHL RD TO EOLA RD) - MINOR COLLECTOR
DIEHL ROAD - MAJOR COLLECTOR

TRAFFIC DATA
ELIZABETH LN TO DIEHL MOLITOR SPLIT
2023 ADT = 6,050
DIEHL RD. EAST OF SPLIT
2023 ADT = 4,700
MOLITOR RD. EAST OF SPLIT
2023 ADT = 5,100

POSTED SPEED LIMIT
MOLITOR RD. = 30 MPH
DIEHL RD. = 40 MPH

DESIGN SPEED LIMIT
MOLITOR RD. = 30 MPH
DIEHL RD. = 40 MPH

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1490 & MUN 0230 (MOLITOR ROAD AND DIEHL ROAD)
ELIZABETH LN TO EOLA ROAD
ROADWAY RESURFACING
SECTION NO.: 24-00369-00-RS
PROJECT NO.: BG5I(144)
CITY OF AURORA
KANE COUNTY AND DUPAGE COUNTY

C-91-125-25
RANGE 9 EAST

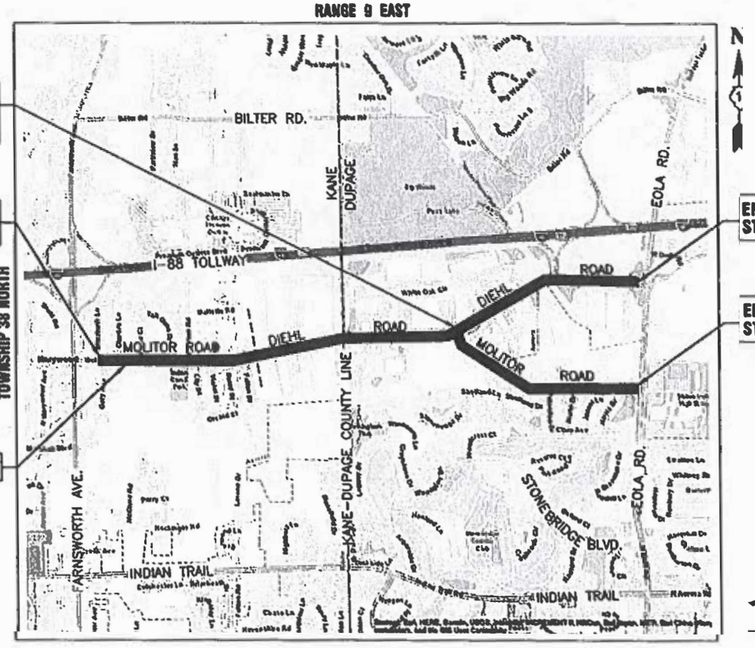
STA. EQUATION
MOLITOR-DIEHL STA. 76+22.5 =
MOLITOR STA. 199+30.2

BEGIN PROJECT
STA. 5+38.0

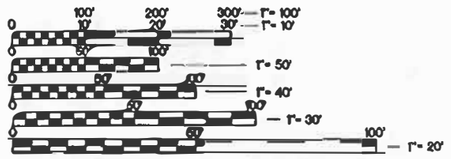
SN 045-3084

END PROJECT
STA. 114+40.0

END PROJECT
STA. 238+92.5



KANE COUNTY - AURORA TOWNSHIP
DUPAGE COUNTY - NAPERVILLE TOWNSHIP
THIRD PRINCIPAL MERIDIAN
LOCATION MAP
NOT TO SCALE



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
811 OR 1-800-892-0123

Dial 811 or 1-800-892-0123
811
Know what's below.
Call before you dig.

JULIE DESIGN TICKET NUMBER: # XXXX
WITH THE FOLLOWING:
COUNTY KANE/DUPAGE AND DUPAGE
CITY-TOWNSHIP AURORA-NAPERVILLE TOWNSHIP
SEC. & 1/4 SEC. NO.# 7, 18-38 N.-8 E.
(2) Working Days before you dig
(Excluding Sat., Sun. & Holidays)

TIMOTHY V. WEIDNER
062-059611
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
SEAL
TIMOTHY V. WEIDNER, P.E.
EXPIRES: NOVEMBER 30, 2025

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED July 28 2025
AURORA TOWNSHIP, HIGHWAY COMMISSIONER

APPROVED 8/18 2025
NAPERVILLE TOWNSHIP, SUPERVISOR AND DIRECTOR OF ROAD SERVICES

APPROVED July 28 2025
CITY OF AURORA, ENGINEERING COORDINATOR

PASSED August 28 2025
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW Aug 28th 2025 IR
REGIONAL ENGINEER

CONTRACT NO. 61L56

GROSS LENGTH OF PROJECT = 14,864.3 FEET (2.82 MILES)
NET LENGTH OF PROJECT = 14,864.3 FEET (2.82 MILES)

PLANS PREPARED BY THE CITY OF AURORA

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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
TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-07	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424031-03	MEDIAN PEDESTRIAN CROSSINGS
442201-04	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS TYPE 1
604051-04	FRAME AND LIDS TYPE 11
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
780001-05	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.
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 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.
5. 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.
6. 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.
7. OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
8. 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.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
10. 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.
11. THE CONTRACTOR SHALL VERIFY THAT ALL CRACKS, JOINTS, AND FLANGEWAYS ARE CLEAN AND DRY PRIOR TO PLACEMENT OF MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS.
12. 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.
13. 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.
14. 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
15. 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.
16. ALL NITROGEN, PHOSPHOROUS, AND POTASSIUM FERTILIZER NUTRIENTS HAVE BEEN INTENTIONALLY OMITTED FROM THE CONTRACT ON THE SODDING APPLICATION.
17. 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.
18. 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.
19. ANY TREE LIMBS THAT ARE BROKEN BY CONSTRUCTION EQUIPMENT MUST BE PRUNED CORRECTLY WITHIN 72 HOURS.
20. NO GRADING OR ADDITIONAL SOIL WILL BE ALLOWED WITHIN THE DRIPLINE OF ANY TREE UNLESS DIRECTED BY THE ENGINEER.
21. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE OF THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.

UTILITIES

1. ALL UTILITY COMPANIES AND THE CITY OF AURORA SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
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. 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.
5. 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 MARKING DETAILS.
4. GRINDING OF PAVEMENT MARKINGS ON NEWLY CONSTRUCTED HOT-MIX ASPHALT SHALL NOT BE PERMITTED.

COMMITMENTS

1. ALL SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS MUST REMAIN WITHIN THE RIGHT-OF-WAY.
2. PAVEMENT ELEVATIONS SHALL NOT BE CHANGED IN THE FLOODPLAIN (STA. 5+38.0 TO STA. 34+00).
3. PROJECT SHALL COORDINATE TRAFFIC CONTROL SIGNING AS NEEDED WITH CONTRACT 61G79 (NORTH AURORA RD AT CN RAILROAD).
4. CONTRACTOR SHALL SUPPLY INFORMATION AND BOND AS NEEDED TO OBTAIN DUPAGE COUNTY PERMIT FOR RAMP RECONSTRUCTION AT THE ILLINOIS PRAIRIE PATH.
5. CONTRACTOR SHALL SUPPLY INFORMATION AND BOND AS NEEDED TO OBTAIN TOLLWAY PERMIT FOR ADVANCE SIGNING ON I-88 RAMPS.

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 10/30/2025 10:00 AM
FILE NAME: Molitor Diehl-Cover-Ph2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

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FILE NAME = Molitor Diehl-Cover-Ph2	DRAWN - MH	REVISED -	
PLOT SCALE = N.T.S.	CHECKED - TW	REVISED -	
PLOT DATE = 10/30/2025	DATE - 06/02/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, DETAILS, HIGHWAY STANDARDS AND GENERAL NOTES

SCALE: N.T.S. | SHEET NO. 01 OF 01 SHEETS | STA. TO STA.

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	2
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		

	CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY ROADWAY 75% FEDERAL 25% LOCAL 0005
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	374
	25200110	SODDING, SALT TOLERANT	SQ YD	374
	25200200	SUPPLEMENTAL WATERING	UNIT	20.2
	31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	290
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	57116
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	32250
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	33.8
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	441
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	4654
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	9477
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5350
	42400800	DETECTABLE WARNINGS	SQ FT	306
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	84616
	44000600	SIDEWALK REMOVAL	SQ FT	5350
	44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	510
	44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	1020

t INDICATES SPECIALTY ITEM

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
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PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET NO. 01 OF 03 SHEETS | STA. | TO STA.

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	3
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		

	CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY ROADWAY 75% FEDERAL 25% LOCAL 0005
	44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	2030
	44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	1520
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	69
	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
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	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	20066
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	6689
t	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1139
t	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	52671
t	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6218
t	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1415
t	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	412

t INDICATES SPECIALTY ITEM

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PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. | SHEET NO. 02 OF 03 SHEETS | STA. | TO STA.

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	4
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		

	CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY ROADWAY 75% FEDERAL 25% LOCAL 0005
t	78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	1139
t	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	52671
t	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	6218
t	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1415
t	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	412
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	100
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	510
	X4400080	DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	40
	X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	17
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	126
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	128
t	X8860105	DETECTOR LOOP REPLACEMENT	FOOT	200

t INDICATES SPECIALTY ITEM

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CLIENT:
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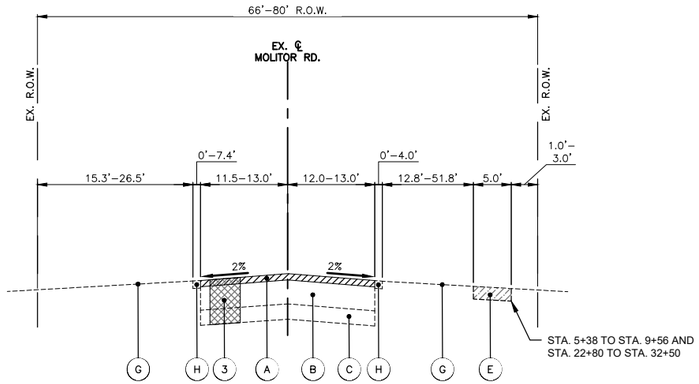
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

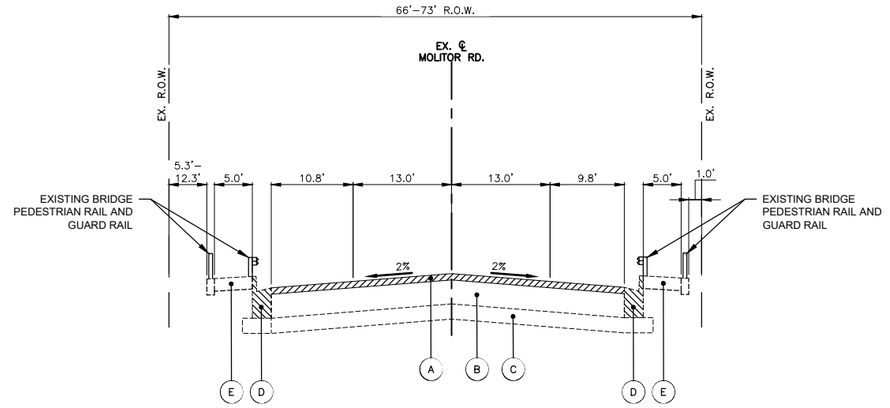
SCALE: N.T.S. | SHEET NO. 03 OF 03 SHEETS | STA. | TO STA.

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	5
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	



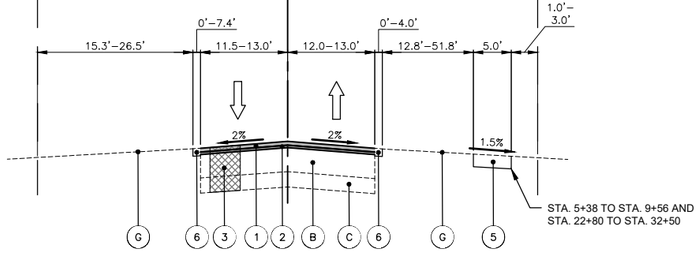
EXISTING TYPICAL SECTION - MOLITOR RD.

STA: 5+38.0 – STA: 15+65.3 AND
STA.16+39.0 – STA. 34+00.0



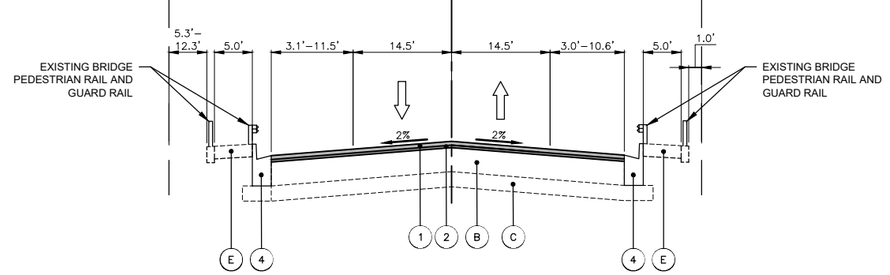
EXISTING TYPICAL SECTION - MOLITOR RD. OVER INDIAN CREEK (SN 045-3064)

STA: 15+65.3 – STA: 16+39.0



PROPOSED TYPICAL SECTION - MOLITOR RD.

STA: 5+38.0 – STA: 15+65.3 AND
STA.16+39.0 – STA. 34+00.0



PROPOSED TYPICAL SECTION - MOLITOR RD. OVER INDIAN CREEK (SN 045-3064)

STA: 15+65.3 – STA: 16+39.0

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATION	MIXTURE TYPE	AIR VOIDS @ NDES	QMP
PAVEMENT RESURFACING	HOT–MIX ASPHALT SURFACE COURSE, MIX "D", IL–9.5, N50, 2"	4% @ 50 GYR.	LR1030–2
	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, N50, 9"	4% @ 50 GYR.	LR1030–2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030–2			

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 RECLAIMED MATERIALS SPECIFICATIONS.

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

EXISTING LEGEND

- (A) HOT–MIX ASPHALT SURFACE REMOVAL, 3.0"
- (B) EXISTING HMA PAVEMENT, 12"
- (C) AGGREGATE SUBBASE, 4"
- (D) COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B–6.12 TO B–6.24
- (E) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (F) LANDSCAPED MEDIAN
- (G) EXISTING GROUND
- (H) EXISTING AGGREGATE SHOULDER

PROPOSED LEGEND

- (1) HOT–MIX ASPHALT SURFACE COURSE, MIX "D", IL–9.5, N50, 2"
- (2) POLYMERIZED HOT–MIX ASPHALT BINDER COURSE, IL–4.75, N50, 1"
- (3) CLASS D PATCHES 9" WITH SUBBASE GRANULAR MATERIAL 4", TYPE B AS NEEDED (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- (4) COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B–6.12 TO B–6.24 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- (5) PCC SIDEWALK, 5" (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- (6) AGGREGATE WEDGE SHOULDER, TYPE B

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.
- TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT SHALL BE USED TO RESTORE ANY TURF AREAS DAMAGED DURING CONSTRUCTION.

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:19 AM
FILE NAME: Molitor Diehl-Typ Sections
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

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FILE NAME = Molitor Diehl-Typ Sections	DRAWN – MH	REVISED –	
PLOT SCALE = N.T.S.	CHECKED – TW	REVISED –	
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROADTYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. 01 OF 03 SHEETS | STA. TO STA.

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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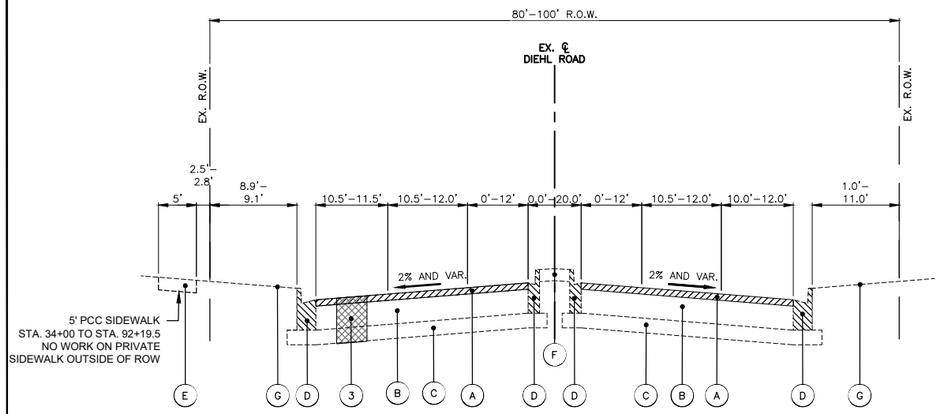
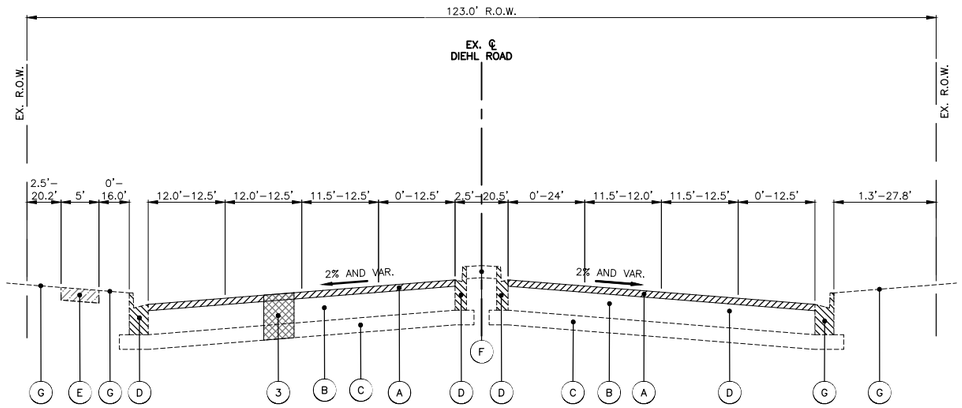
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		



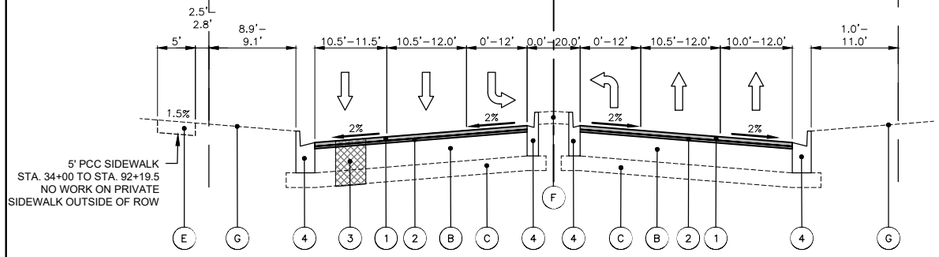
EXISTING TYPICAL SECTION - DIEHL ROAD

STA: 34+00.0 – STA: 99+00.00



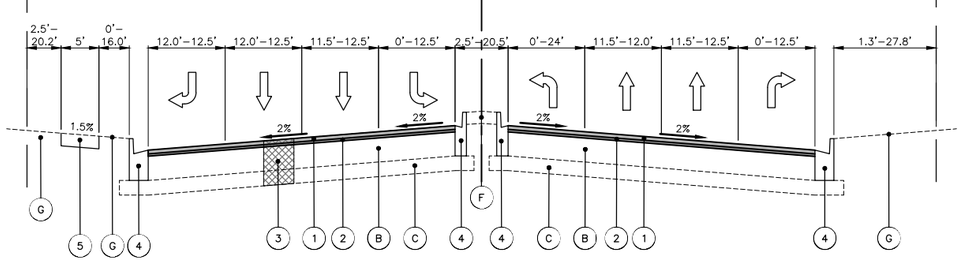
EXISTING TYPICAL SECTION - DIEHL ROAD

STA: 99+00.0 – STA: 115+85.3



PROPOSED TYPICAL SECTION - DIEHL ROAD

STA: 34+00.0 – STA: 99+00.00



PROPOSED TYPICAL SECTION - DIEHL ROAD

STA: 99+00.0 – STA: 115+85.3

EXISTING LEGEND

- A — HOT–MIX ASPHALT SURFACE REMOVAL, 3.0"
- B — EXISTING HMA PAVEMENT, 12"
- C — AGGREGATE SUBBASE, 4"
- D — COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B–6.12 TO B–6.24
- E — PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- F — LANDSCAPED MEDIAN
- G — EXISTING GROUND
- H — EXISTING AGGREGATE SHOULDER

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.
- TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT SHALL BE USED TO RESTORE ANY TURF AREAS DAMAGED DURING CONSTRUCTION.

PROPOSED LEGEND

- 1 — HOT–MIX ASPHALT SURFACE COURSE, MIX "D", IL–9.5, N50, 2"
- 2 — POLYMERIZED HOT–MIX ASPHALT BINDER COURSE, IL–4.75, N50, 1"
- 3 — CLASS D PATCHES 9" WITH SUBBASE GRANULAR MATERIAL 4", TYPE B AS NEEDED (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- 4 — COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B–6.12 TO B–6.24 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- 5 — PCC SIDEWALK, 5" (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- 6 — AGGREGATE WEDGE SHOULDER, TYPE B

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:19 AM
FILE NAME: Molitor Diehl–Typ Sections
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT–Standard.ctb

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FILE NAME = Molitor Diehl–Typ Sections	DRAWN – MH	REVISED –	
PLOT SCALE = N.T.S.	CHECKED – TW	REVISED –	
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIEHL ROAD
TYPICAL SECTIONS

SCALE: N.T.S. | SHEET NO. 02 OF 03 SHEETS | STA. | TO STA.

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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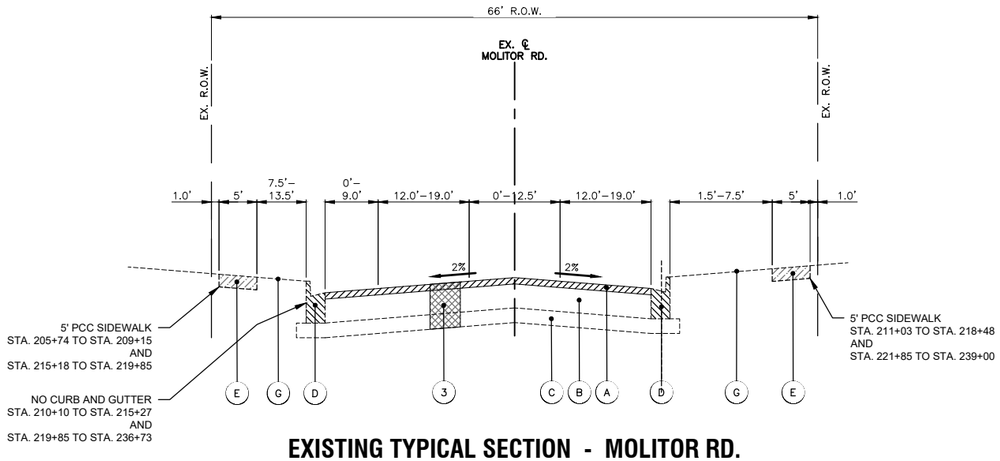
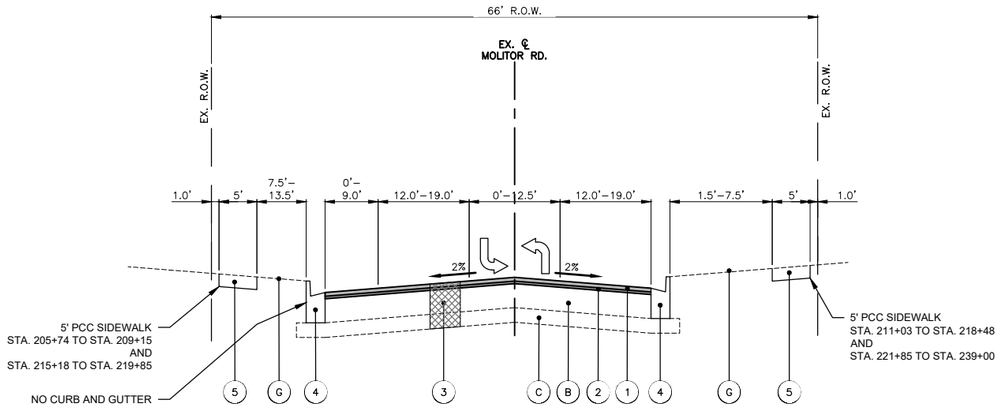
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION - MOLITOR RD.

STA: 199+30.2 – STA: 239+36.7



PROPOSED TYPICAL SECTION - MOLITOR RD.

STA: 199+30.2 – STA: 239+36.7

EXISTING LEGEND

- A — HOT–MIX ASPHALT SURFACE REMOVAL, 3.0"
- B — EXISTING HMA PAVEMENT, 12"
- C — AGGREGATE SUBBASE, 4"
- D — COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B–6.12 TO B–6.24
- E — PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- F — LANDSCAPED MEDIAN
- G — EXISTING GROUND
- H — EXISTING AGGREGATE SHOULDER

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.
- TOPSOIL FURNISH AND PLACE, 4" AND SODDING, SALT TOLERANT SHALL BE USED TO RESTORE ANY TURF AREAS DAMAGED DURING CONSTRUCTION.

PROPOSED LEGEND

- 1 — HOT–MIX ASPHALT SURFACE COURSE, MIX "D", IL–9.5, N50, 2"
- 2 — POLYMERIZED HOT–MIX ASPHALT BINDER COURSE, IL–4.75, N50, 1"
- 3 — CLASS D PATCHES 9" WITH SUBBASE GRANULAR MATERIAL 4", TYPE B AS NEEDED (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- 4 — COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B–6.12 TO B–6.24 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- 5 — PCC SIDEWALK, 5" (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- 6 — AGGREGATE WEDGE SHOULDER, TYPE B

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:19 AM
FILE NAME: Molitor Diehl–Typ Sections
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT–Standard.ctb

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FILE NAME = Molitor Diehl–Typ Sections	DRAWN – MH	REVISED –	
PLOT SCALE = N.T.S.	CHECKED – TW	REVISED –	
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD
TYPICAL SECTIONS

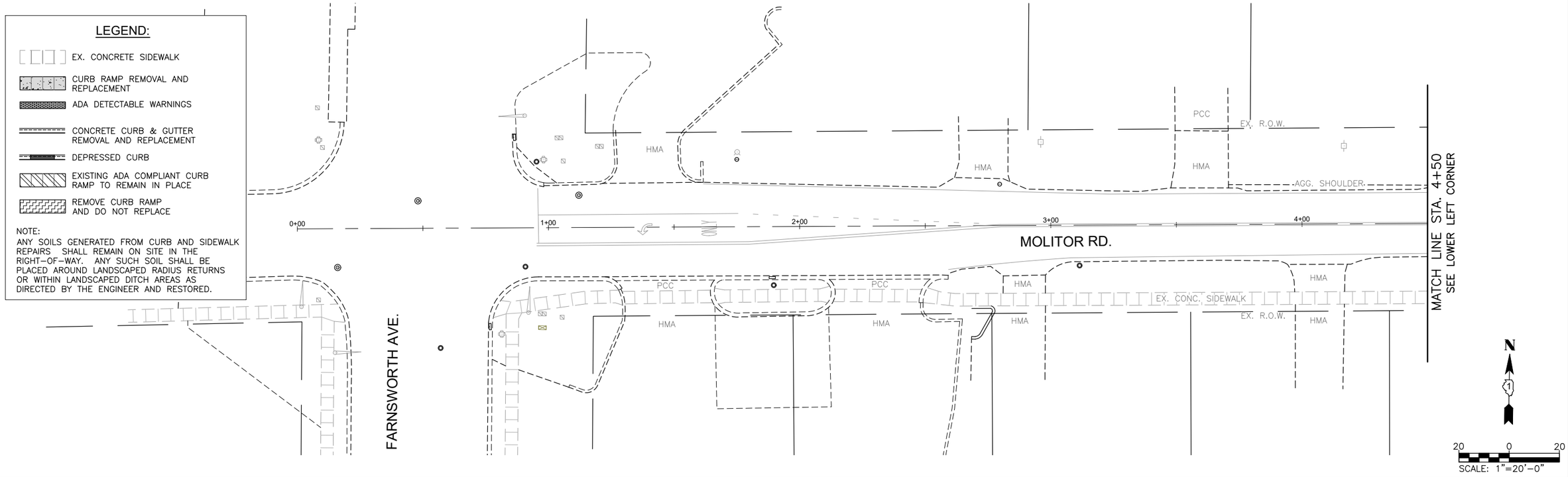
SCALE: N.T.S. | SHEET NO. 03 OF 03 SHEETS | STA. | TO STA.

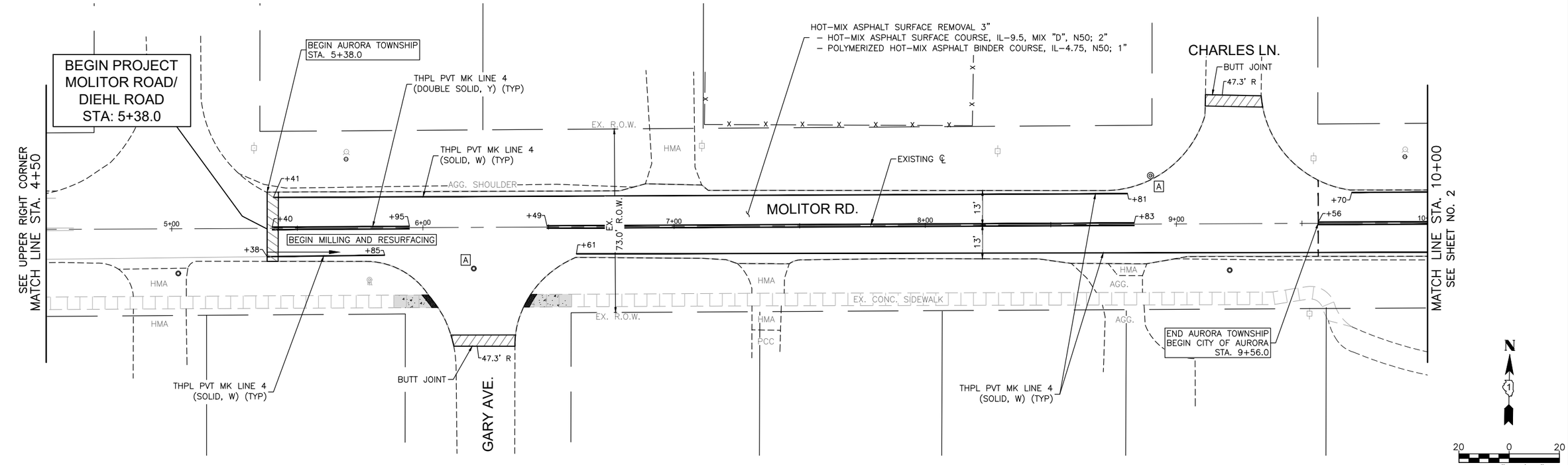
FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24–00369–00–RS	KANE/DUPAGE	36	8
		CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			

LEGEND:

- EX. CONCRETE SIDEWALK
- CURB RAMP REMOVAL AND REPLACEMENT
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB
- EXISTING ADA COMPLIANT CURB RAMP TO REMAIN IN PLACE
- REMOVE CURB RAMP AND DO NOT REPLACE

NOTE:
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 OR WITHIN LANDSCAPED DITCH AREAS AS DIRECTED BY THE ENGINEER AND RESTORED.





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PLOT SCALE = 1"=20'	CHECKED - TW	REVISED -	
PLOT DATE = 8/28/2025	DATE - 06/02/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 1 OF 16 SHEETS | STA. 1+00 TO STA. 10+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	9
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:20 AM
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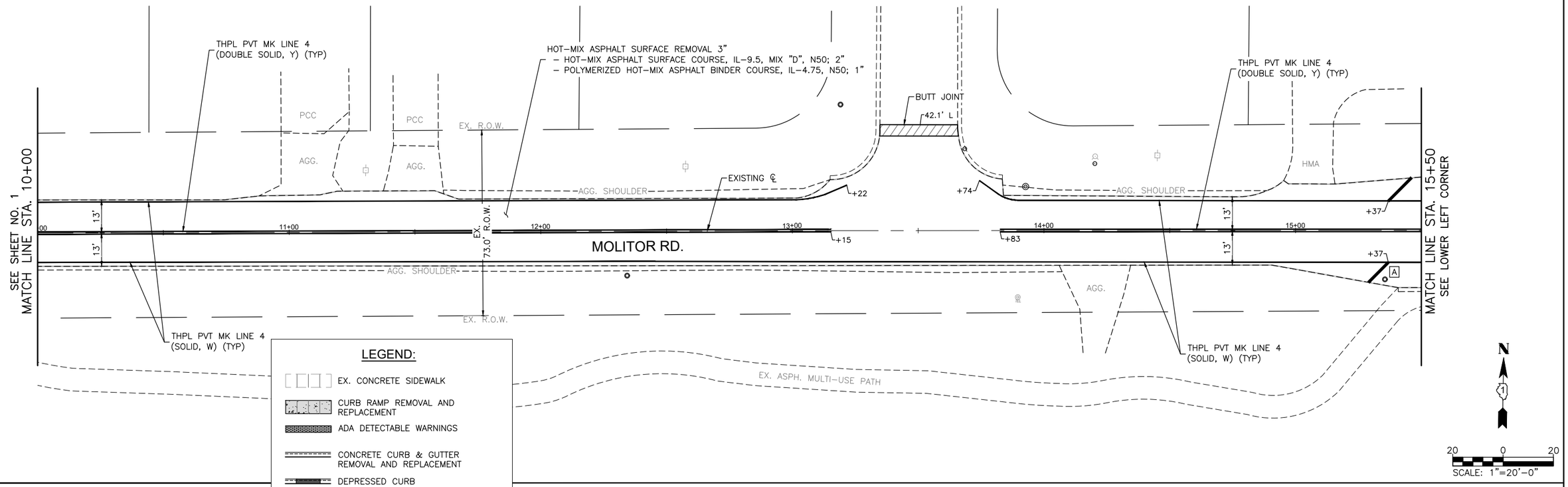
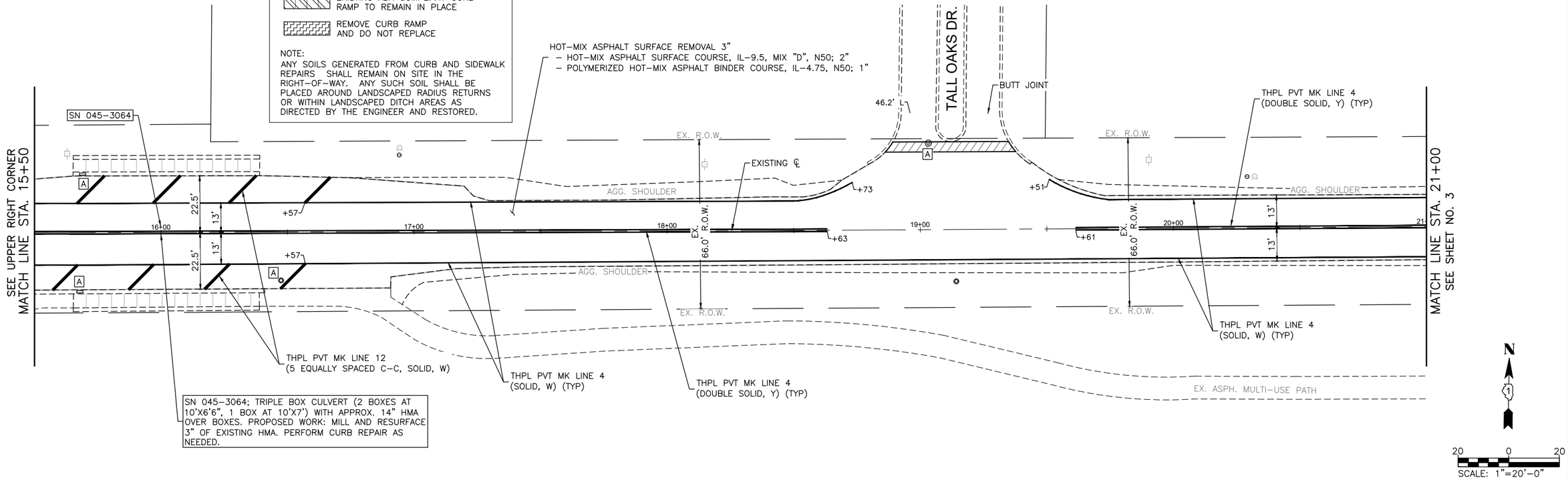
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb



LEGEND:

- EX. CONCRETE SIDEWALK
- CURB RAMP REMOVAL AND REPLACEMENT
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB
- EXISTING ADA COMPLIANT CURB RAMP TO REMAIN IN PLACE
- REMOVE CURB RAMP AND DO NOT REPLACE

NOTE:
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 OR WITHIN LANDSCAPED DITCH AREAS AS DIRECTED BY THE ENGINEER AND RESTORED.



SN 045-3064; TRIPLE BOX CULVERT (2 BOXES AT 10'X6'6", 1 BOX AT 10'X7') WITH APPROX. 14" HMA OVER BOXES. PROPOSED WORK: MILL AND RESURFACE 3" OF EXISTING HMA. PERFORM CURB REPAIR AS NEEDED.

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:20 AM
FILE NAME: Molitor-Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
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PLOT SCALE = 1"=20'	CHECKED - TW	REVISED -
PLOT DATE = 8/28/2025	DATE - 06/02/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 2 OF 16 SHEETS | STA. 10+00 TO STA. 21+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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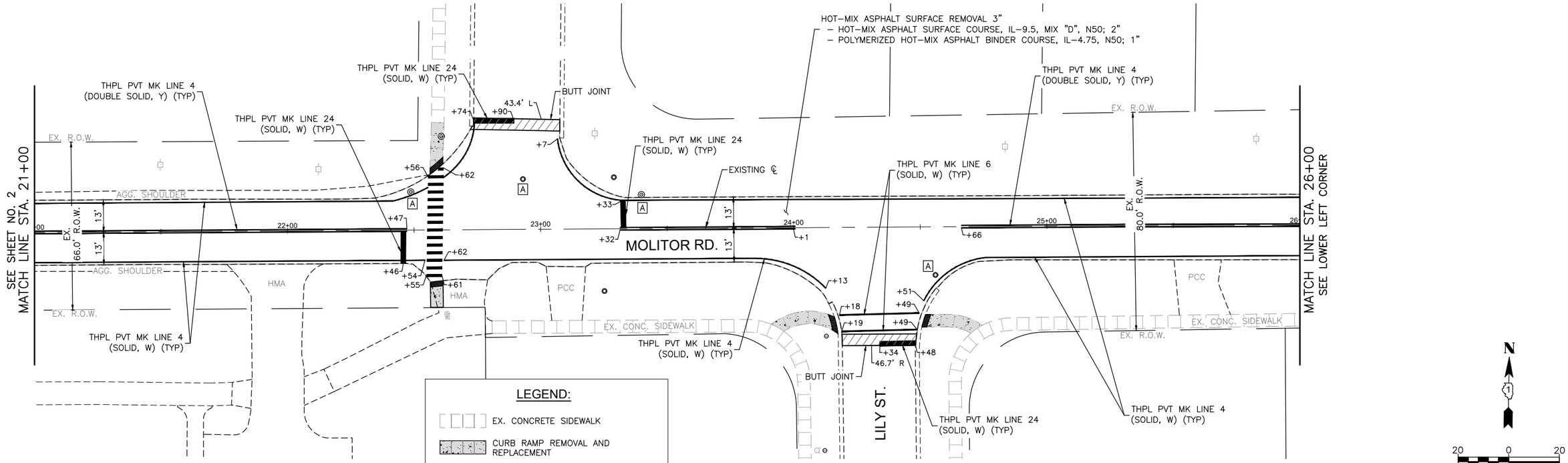
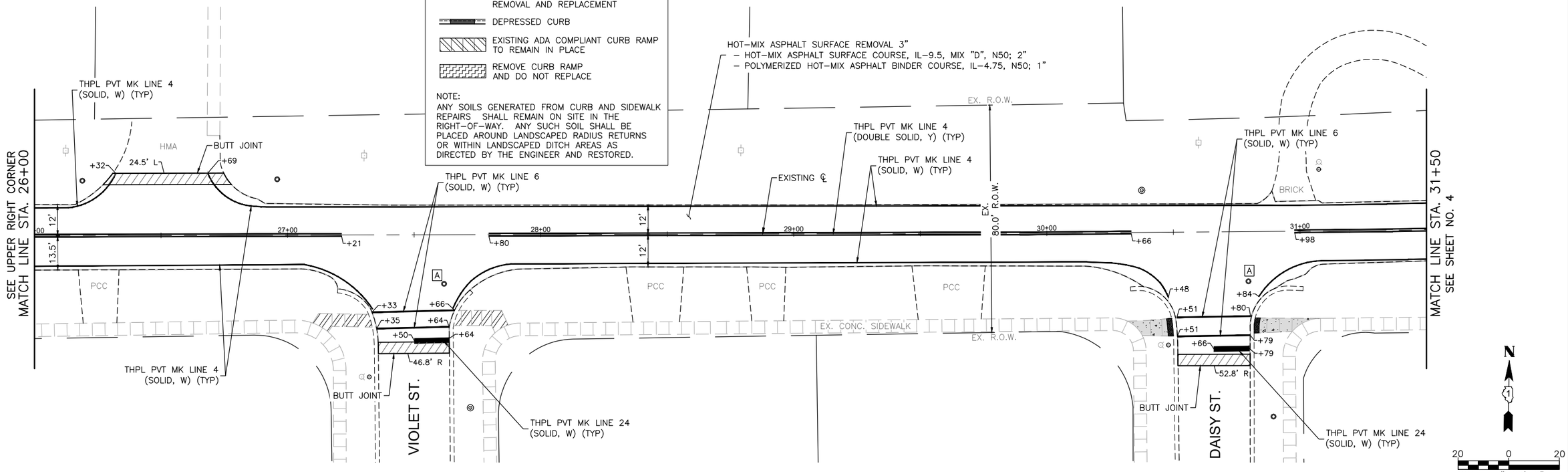
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	



LEGEND:

- EX. CONCRETE SIDEWALK
- CURB RAMP REMOVAL AND REPLACEMENT
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB
- EXISTING ADA COMPLIANT CURB RAMP TO REMAIN IN PLACE
- REMOVE CURB RAMP AND DO NOT REPLACE

NOTE:
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 OR WITHIN LANDSCAPED DITCH AREAS AS DIRECTED BY THE ENGINEER AND RESTORED.



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PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 3 OF 16 SHEETS | STA. 21+00 TO STA. 31+50

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	11
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
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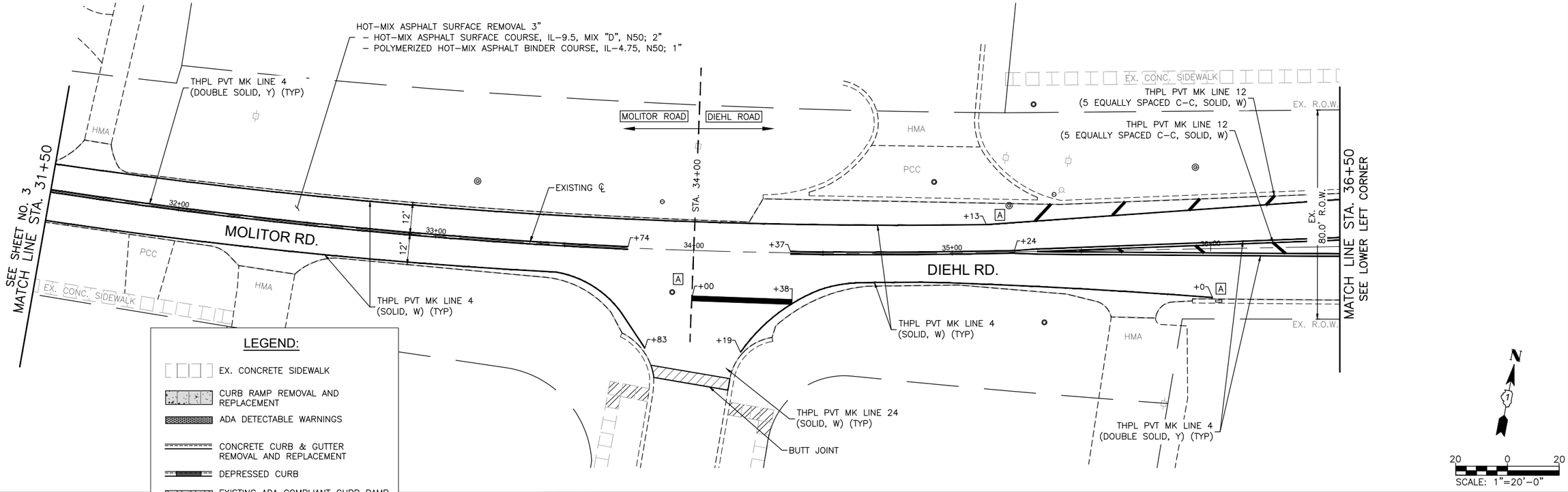

LEGEND:

- EX. CONCRETE SIDEWALK
- CURB RAMP REMOVAL AND REPLACEMENT
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB
- EXISTING ADA COMPLIANT CURB RAMP TO REMAIN IN PLACE
- REMOVE CURB RAMP AND DO NOT REPLACE

NOTE:
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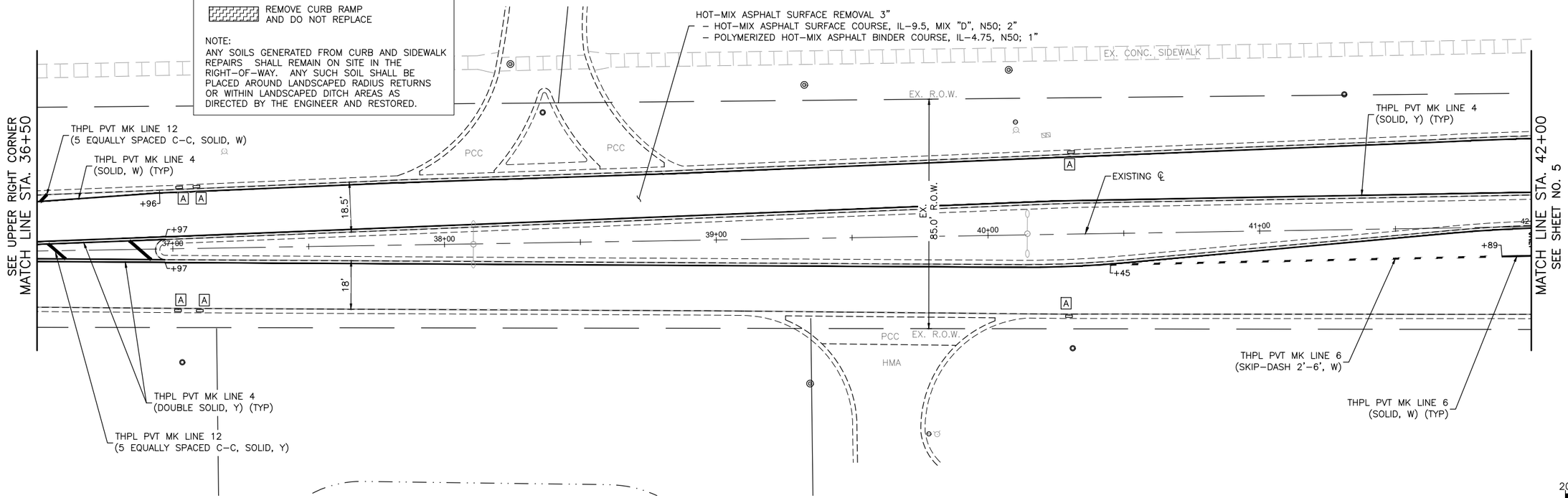

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PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD AND DIEHL ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 4 OF 16 SHEETS | STA. 31+50 TO STA. 42+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	12
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
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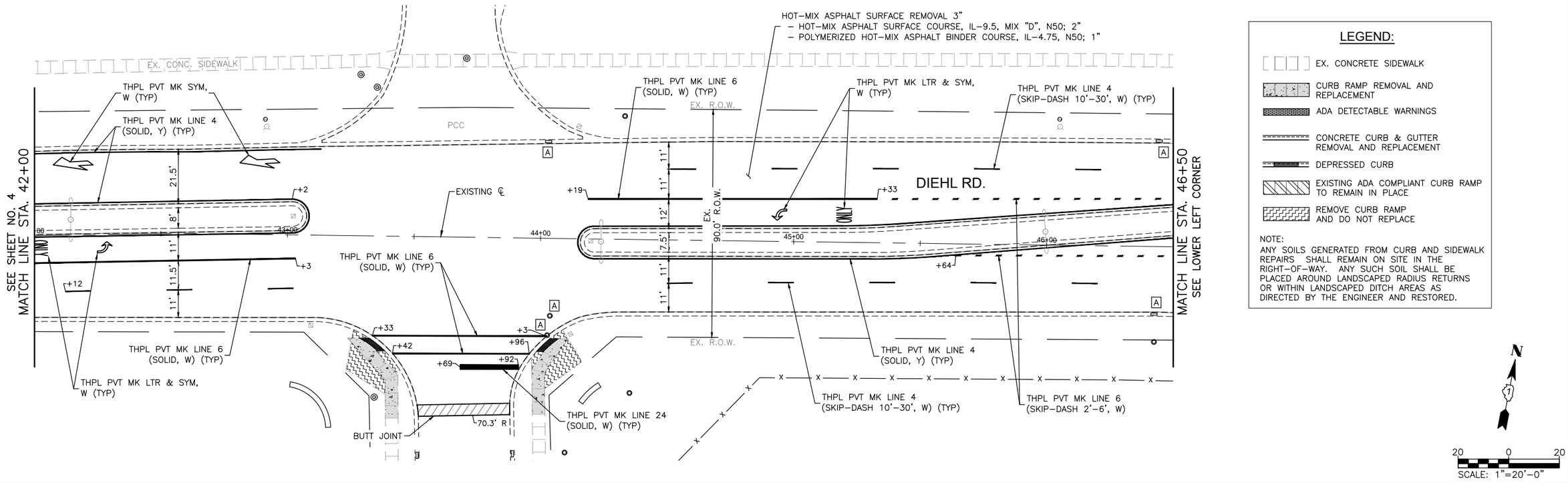

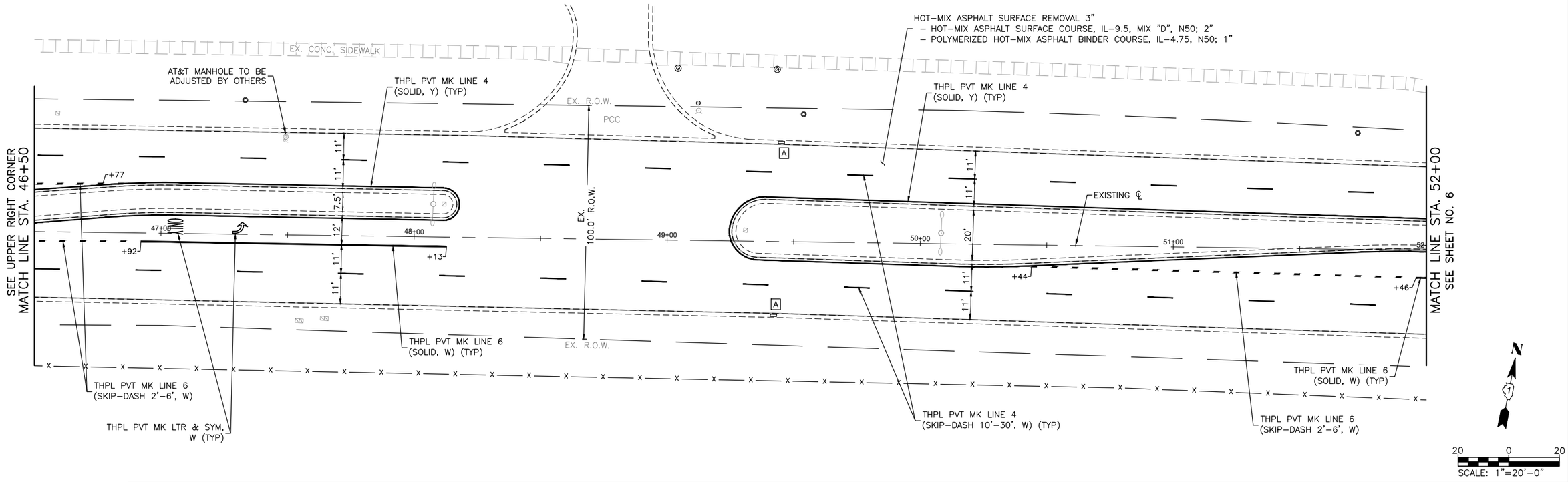

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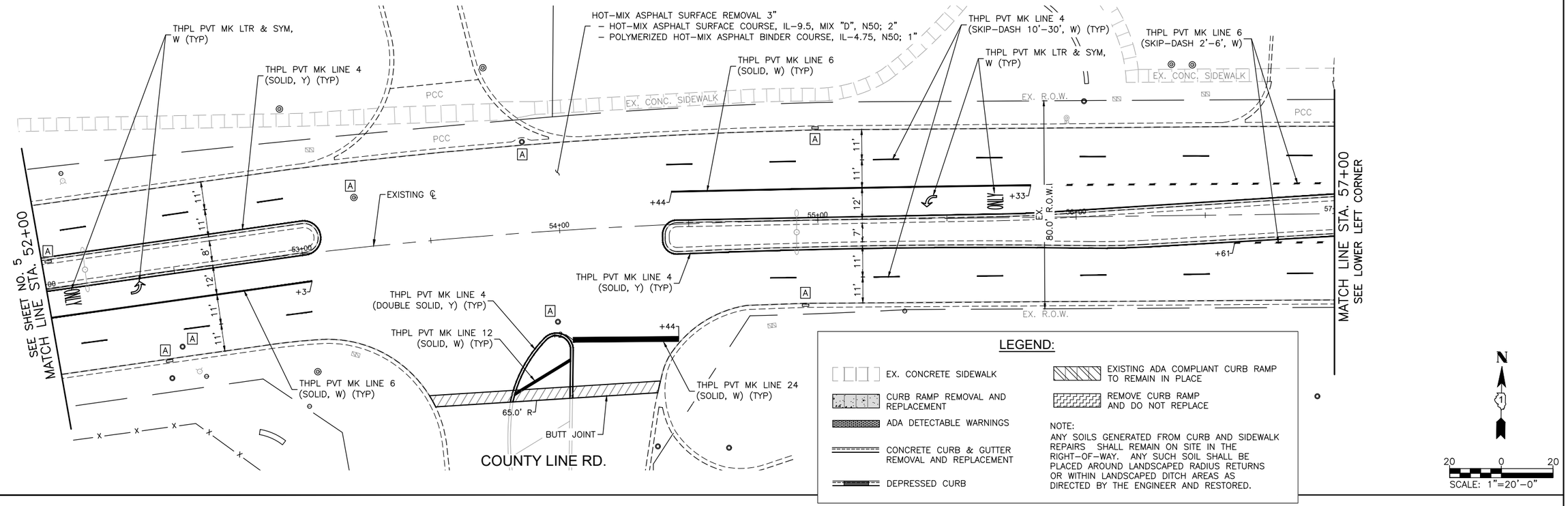
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIEHL ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 5 OF 16 SHEETS | STA. 42+00 TO STA. 52+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	13
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	



COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:21 AM
FILE NAME: Molitor-Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

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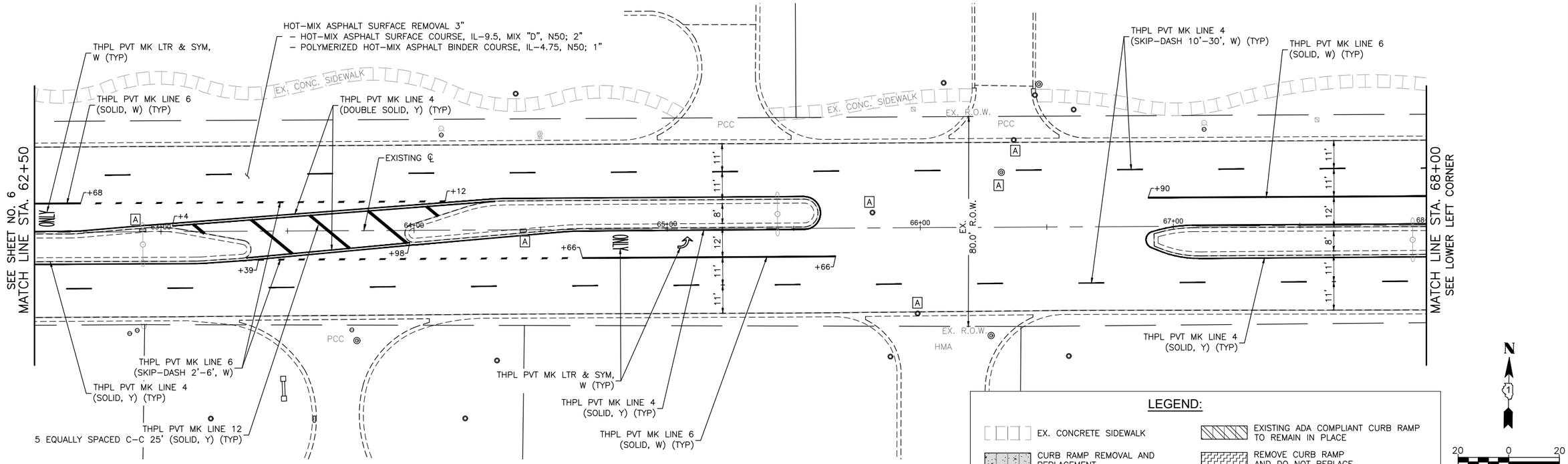
FILE NAME = Molitor-Diehl_Ph 2	DRAWN – MH	REVISED –
PLOT SCALE = 1"=20'	CHECKED – TW	REVISED –
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –

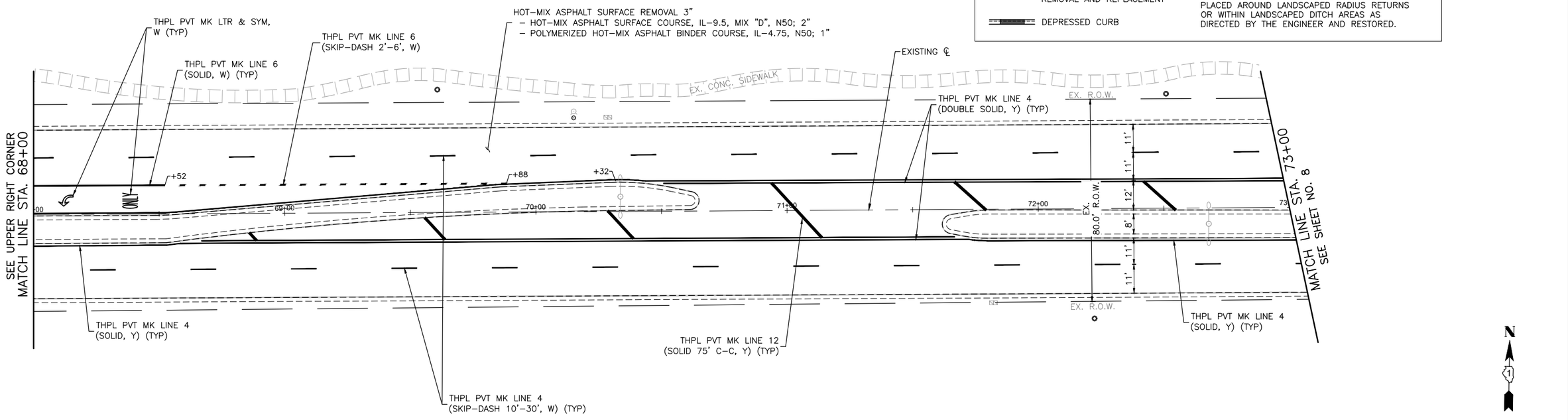
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIEHL ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 6 OF 16 SHEETS | STA. 52+00 TO STA. 62+50

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	14
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	





COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:21 AM
FILE NAME: Molitor-Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

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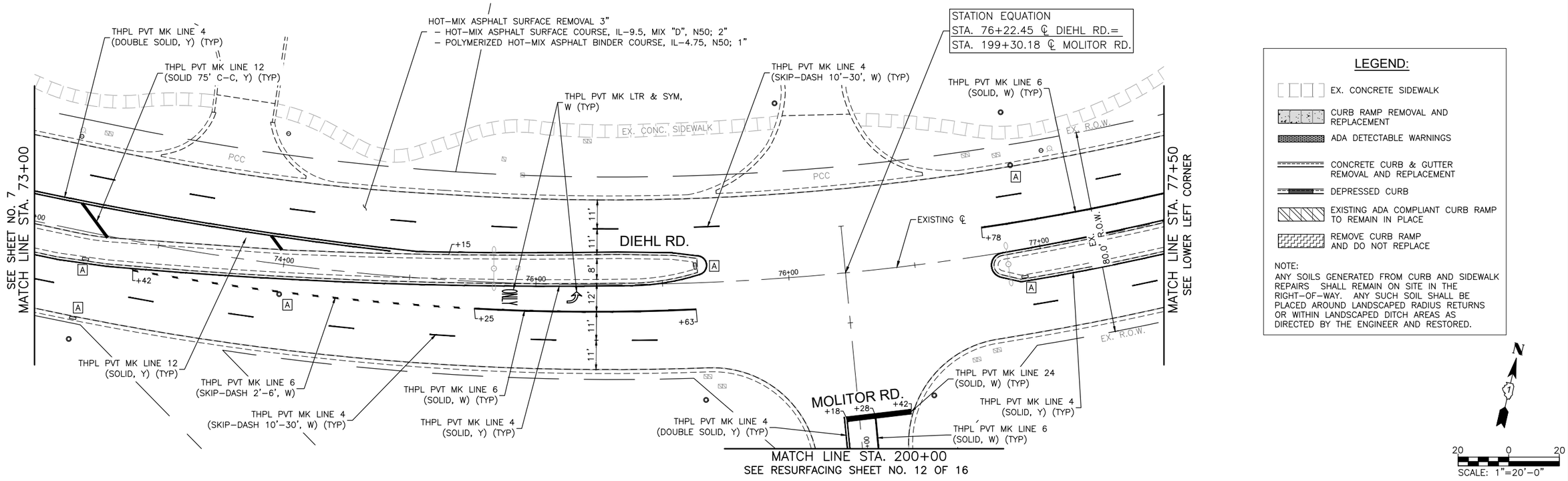
FILE NAME = Molitor-Diehl_Ph 2	DRAWN – MH	REVISED –	
PLOT SCALE = 1"=20'	CHECKED – TW	REVISED –	
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

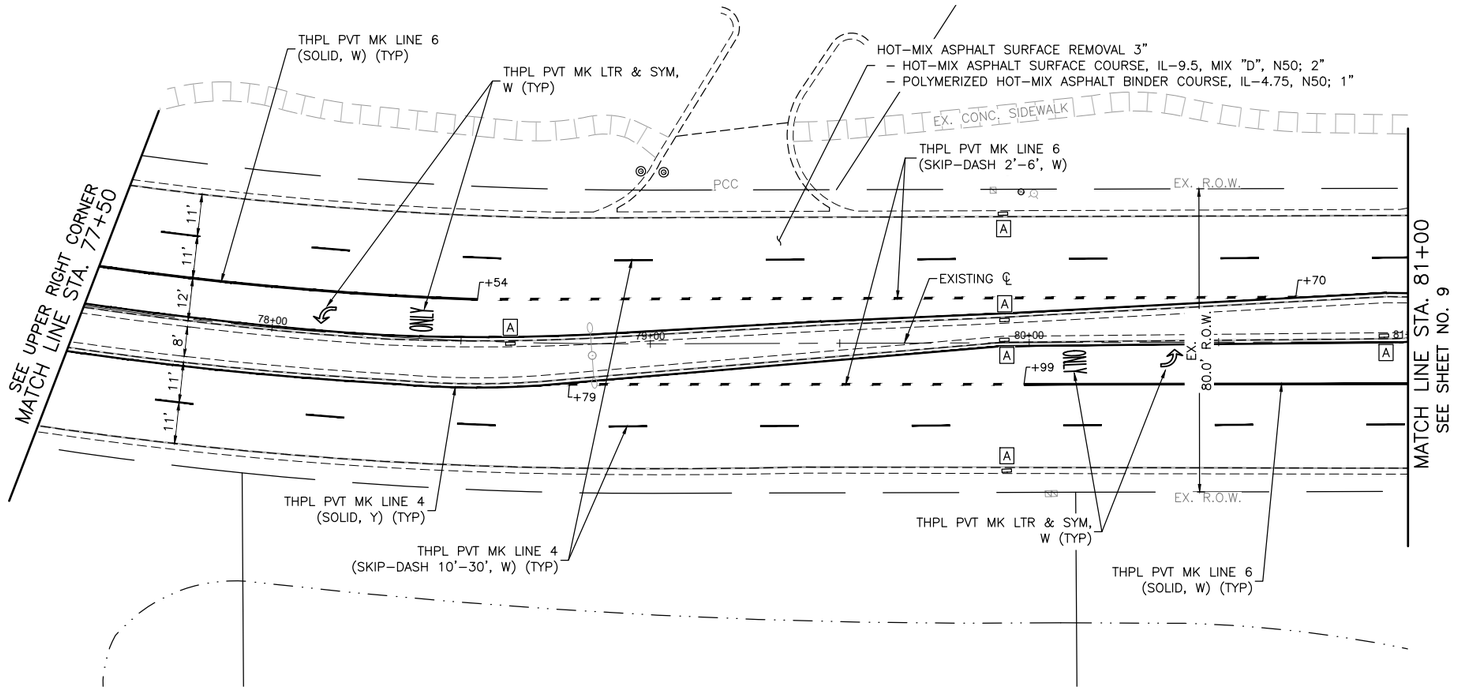
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIEHL ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 7 OF 16 SHEETS | STA. 62+50 TO STA. 73+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	15
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	





COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:21 AM
FILE NAME: Molitor-Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

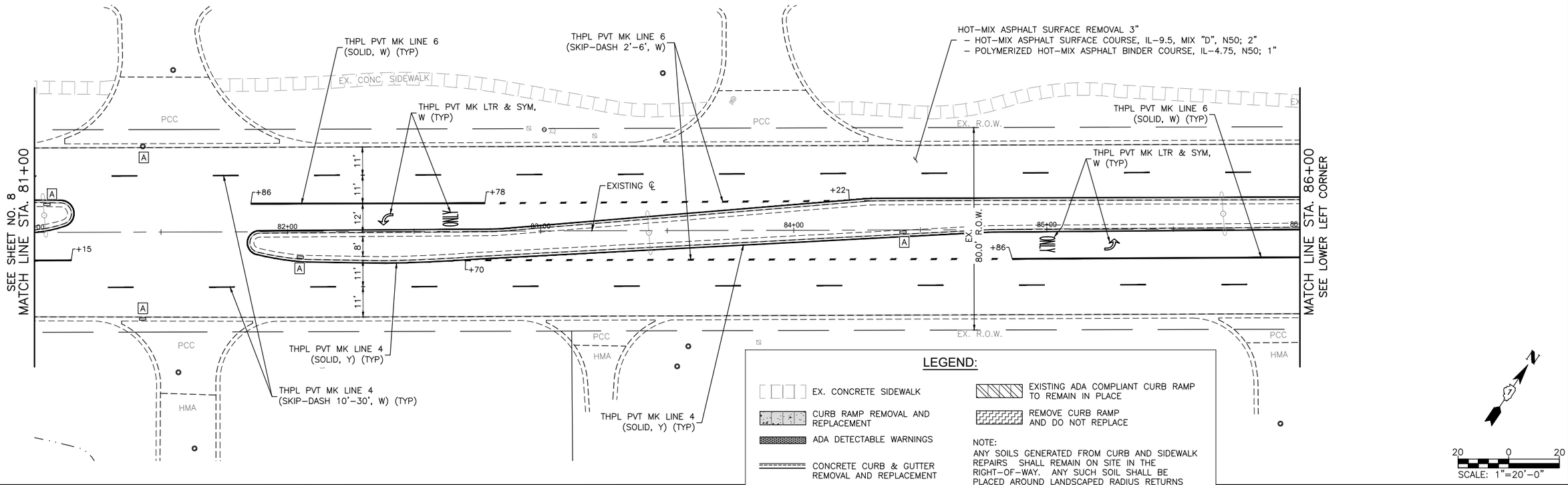
USER NAME = HOPPM	DESIGNED – AN	REVISED –
FILE NAME = Molitor-Diehl_Ph 2	DRAWN – MH	REVISED –
PLOT SCALE = 1"=20'	CHECKED – TW	REVISED –
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –

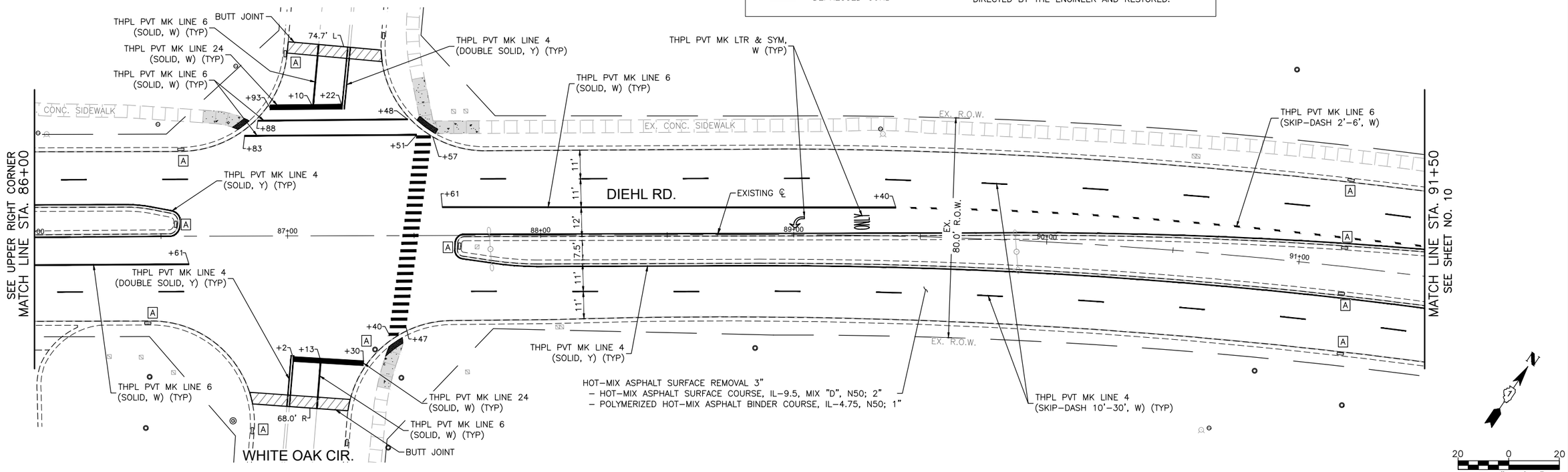
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIEHL ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 8 OF 16 SHEETS | STA. 73+00 TO STA. 81+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	16
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		





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FILE NAME = Molitor–Diehl_Ph 2	DRAWN – MH	REVISED –	
PLOT SCALE = 1"=20'	CHECKED – TW	REVISED –	
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

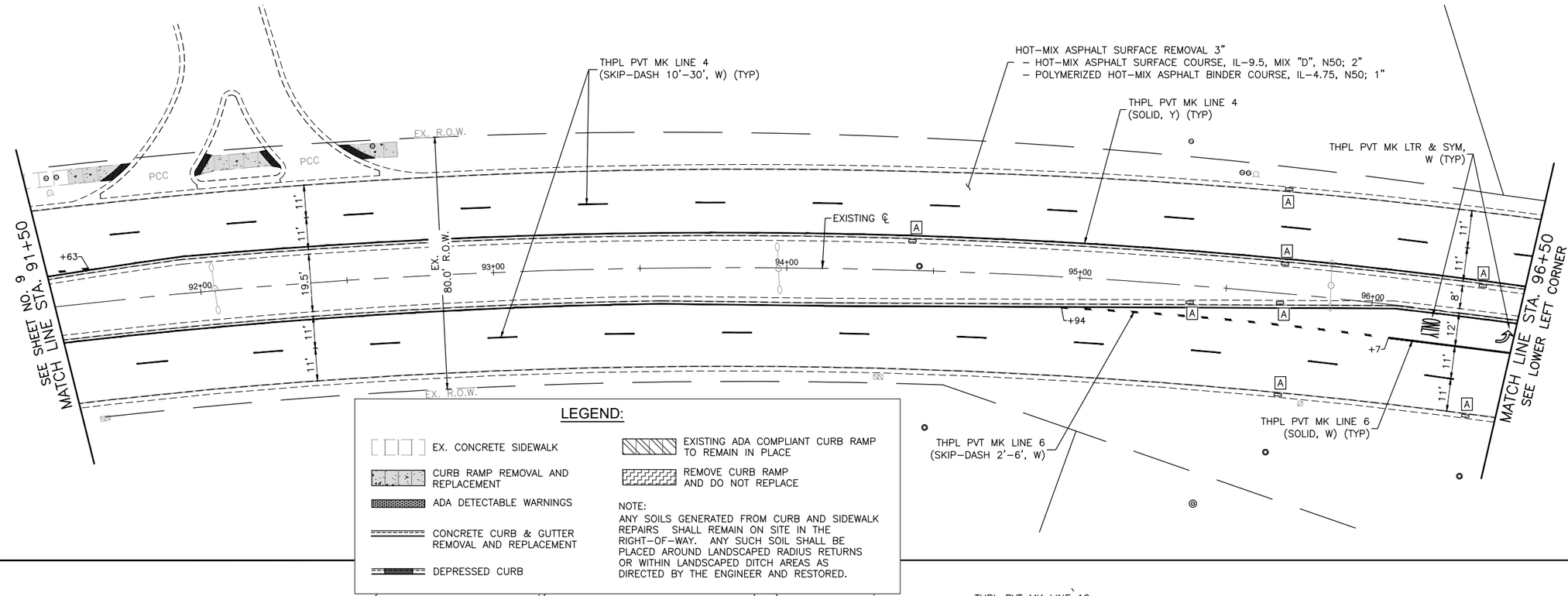
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIEHL ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 9 OF 16 SHEETS | STA. 81+00 TO STA. 91+50

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24–00369–00–RS	KANE/DUPAGE	36	17
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	

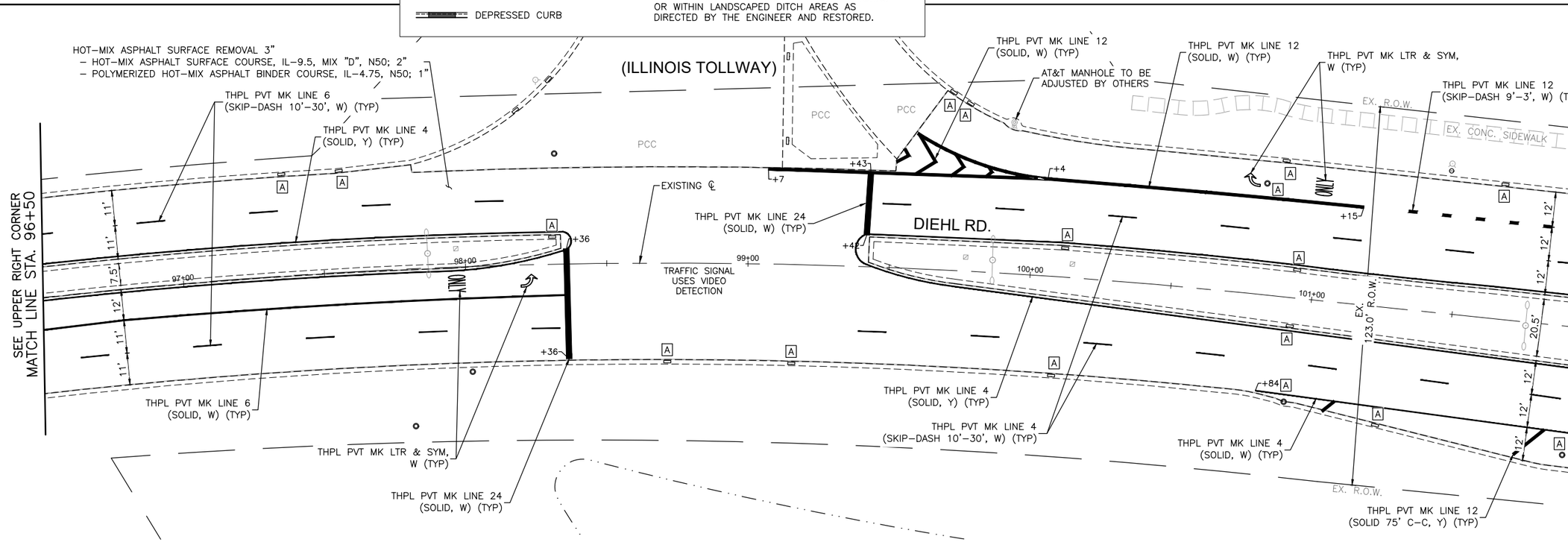
COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:21 AM
FILE NAME: Molitor–Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT–Standard.ctb



LEGEND:

- EX. CONCRETE SIDEWALK
- CURB RAMP REMOVAL AND REPLACEMENT
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB
- EXISTING ADA COMPLIANT CURB RAMP TO REMAIN IN PLACE
- REMOVE CURB RAMP AND DO NOT REPLACE

NOTE:
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 OR WITHIN LANDSCAPED DITCH AREAS AS DIRECTED BY THE ENGINEER AND RESTORED.



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FILE NAME = Molitor–Diehl_Ph 2	DRAWN – MH	REVISED –	
PLOT SCALE = 1"=20'	CHECKED – TW	REVISED –	
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

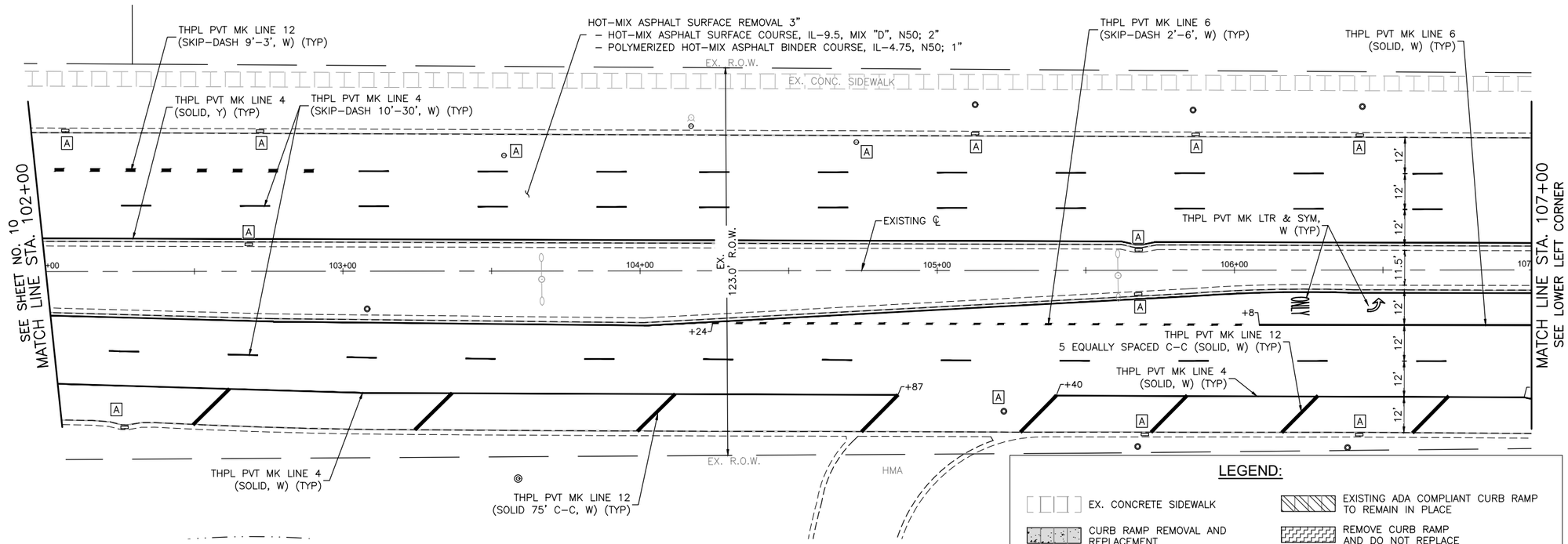
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

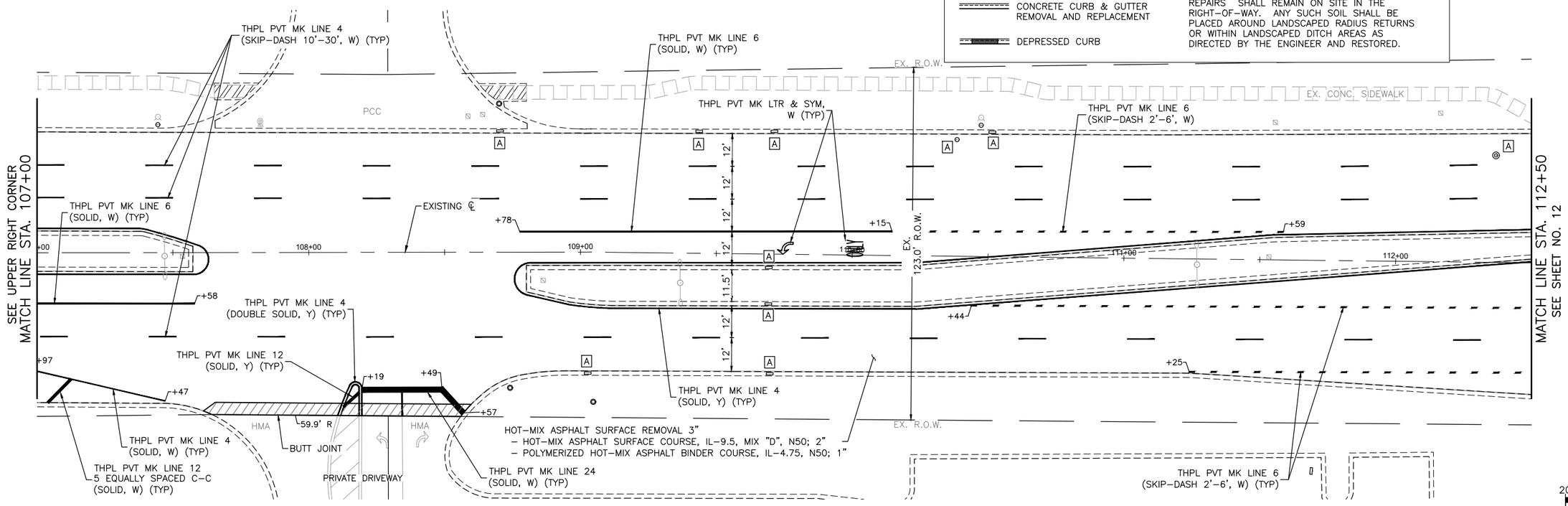
DIEHL ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 10 OF 16 SHEETS | STA. 91+50 TO STA. 102+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24–00369–00–RS	KANE/DUPAGE	36	18
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:21 AM
FILE NAME: Molitor–Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: IDOT–Standard.ctb





LEGEND:

- EX. CONCRETE SIDEWALK
- CURB RAMP REMOVAL AND REPLACEMENT
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB
- EXISTING ADA COMPLIANT CURB RAMP TO REMAIN IN PLACE
- REMOVE CURB RAMP AND DO NOT REPLACE

NOTE:
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 OR WITHIN LANDSCAPED DITCH AREAS AS DIRECTED BY THE ENGINEER AND RESTORED.

N

20 0 20
SCALE: 1"=20'–0"

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:21 AM
FILE NAME: Molitor–Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT–Standard.ctb

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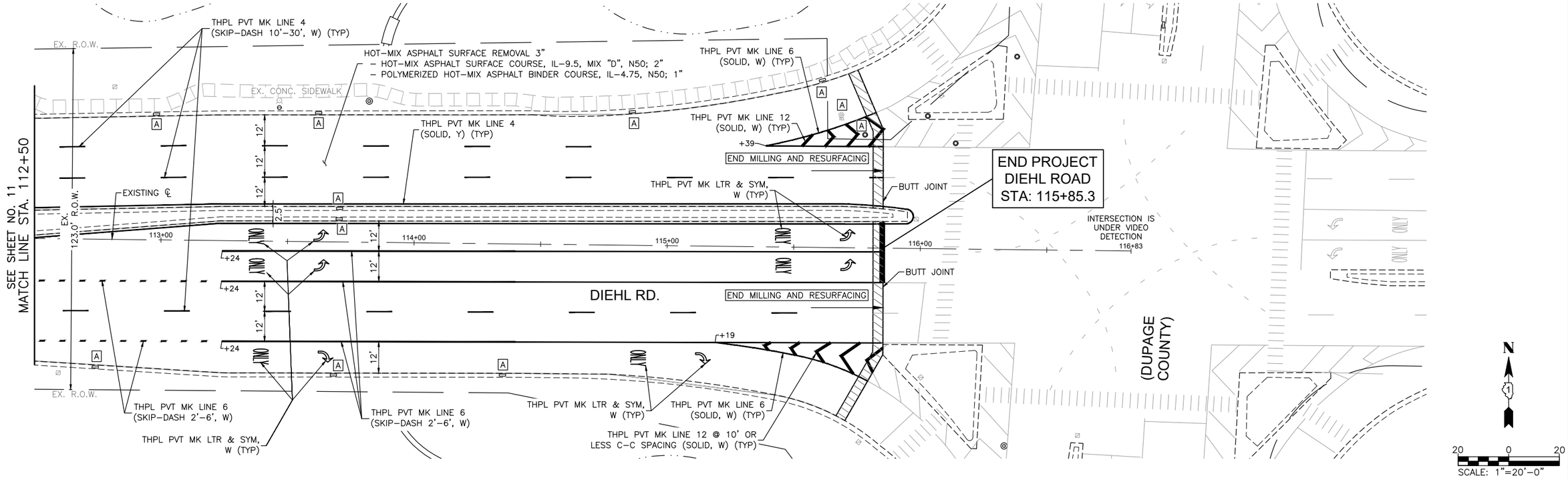
FILE NAME = Molitor–Diehl_Ph 2	DRAWN – MH	REVISED –
PLOT SCALE = 1"=20'	CHECKED – TW	REVISED –
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –

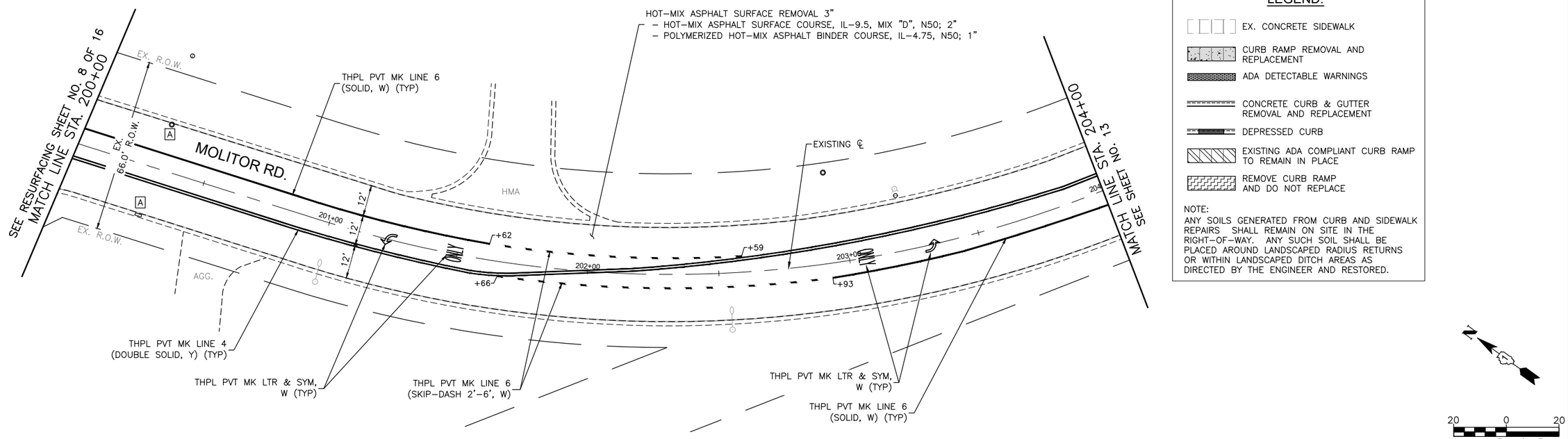
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIEHL ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 11 OF 16 SHEETS | STA. 102+00 TO STA. 112+50

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24–00369–00–RS	KANE/DUPAGE	36	19
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		





COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:22 AM
FILE NAME: Molitor-Diehl_Ph 2 DWG To PDF.pc3
PLOT DRIVER:
PEN TABLE: IDOT-Standard.ctb

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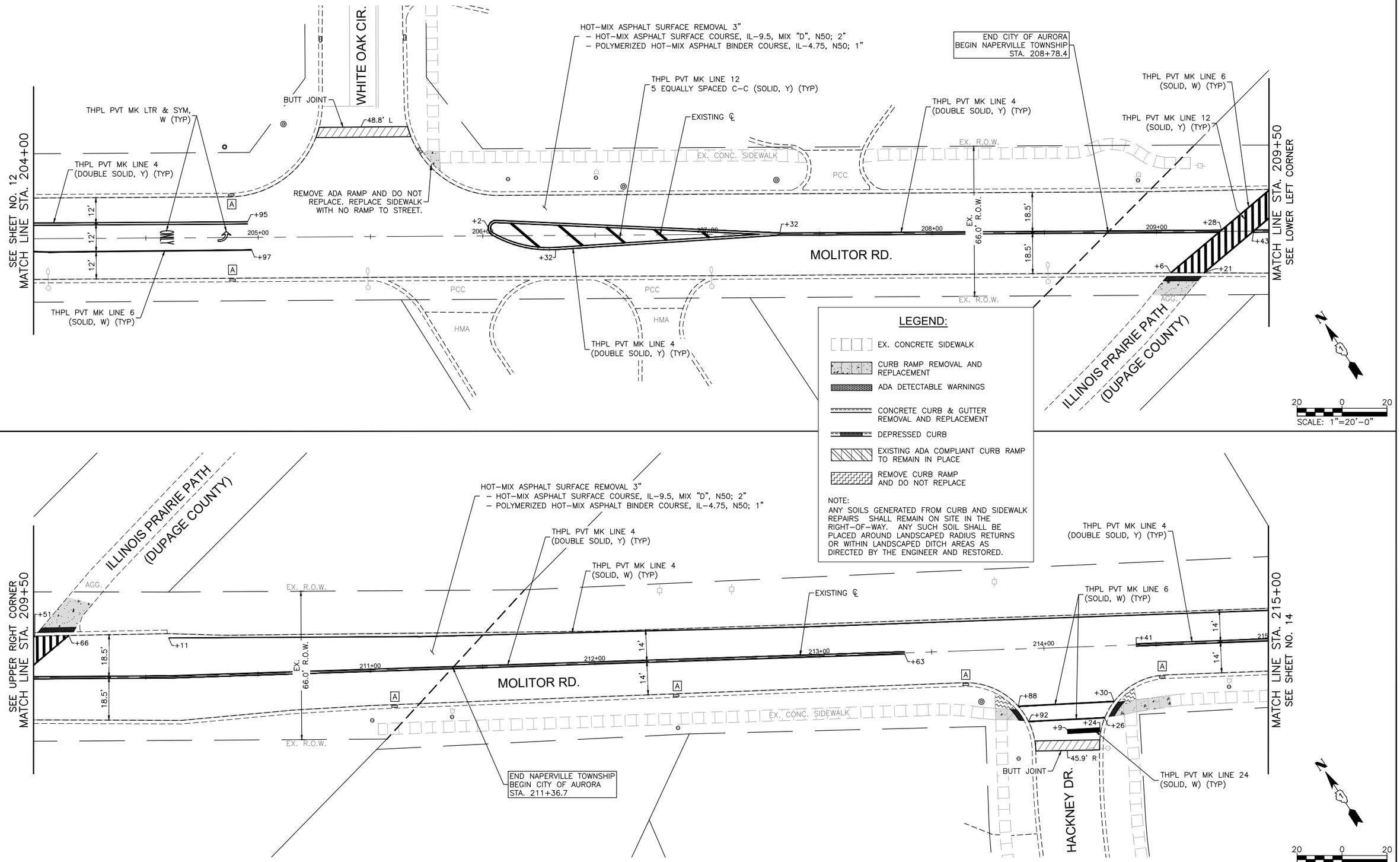
PLOT SCALE = 1"=20'	CHECKED - TW	REVISED -
PLOT DATE = 8/28/2025	DATE - 06/02/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIEHL ROAD AND MOLITOR ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 12 OF 16 SHEETS | STA. 112+50 TO STA. 204+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	20
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		



COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:22 AM
FILE NAME: Molitor-Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

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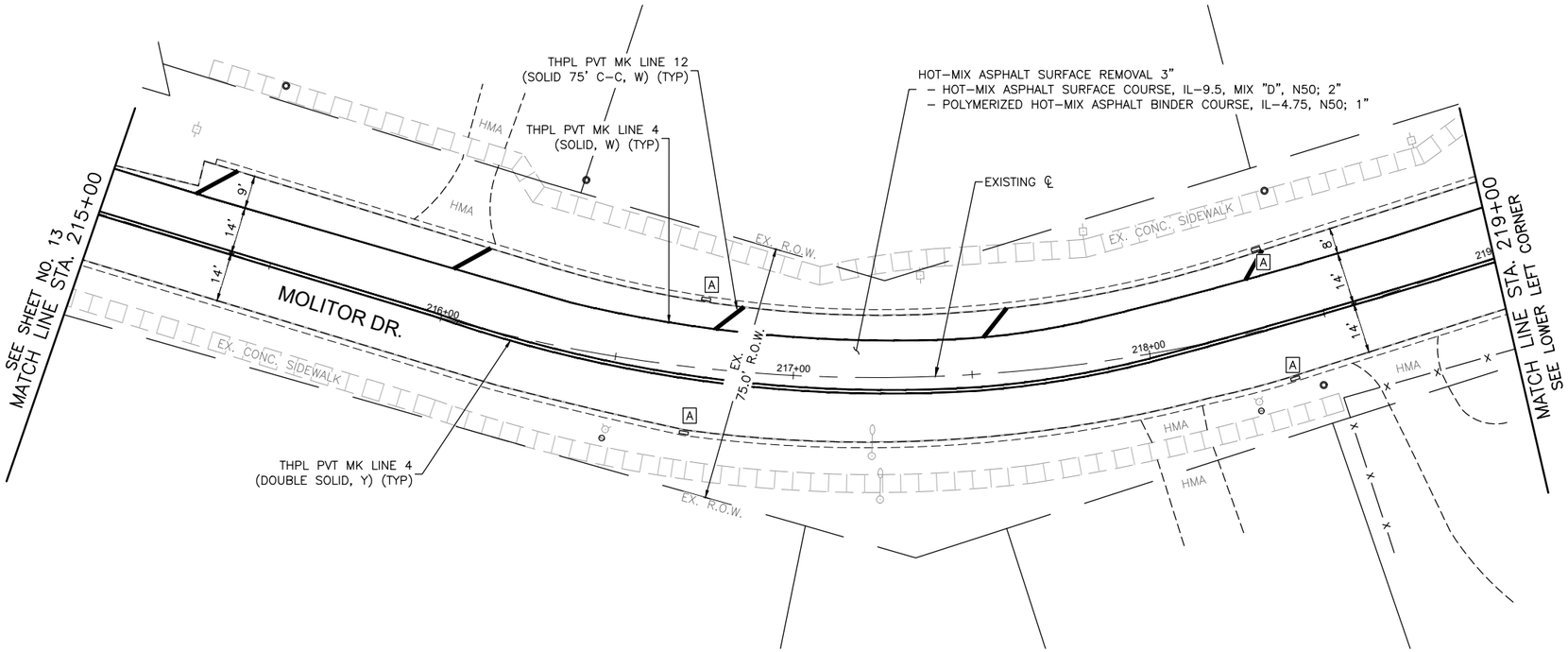
PLOT DATE = 8/28/2025	DATE - 06/02/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 13 OF 16 SHEETS | STA. 204+00 TO STA. 215+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	21
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	



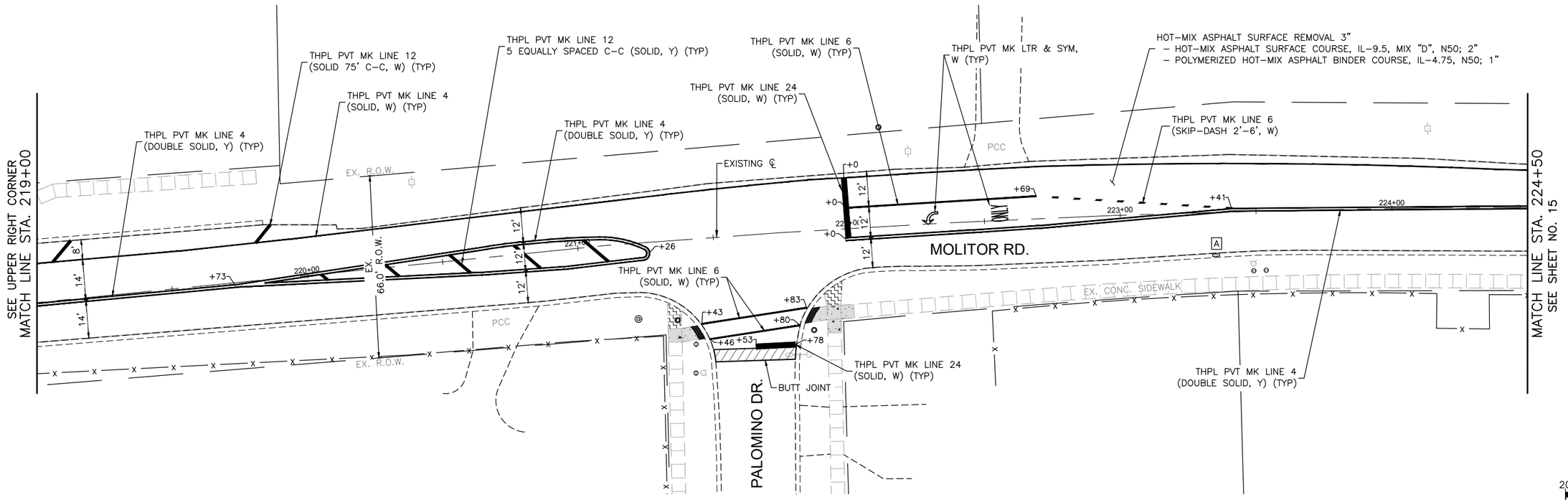
LEGEND:

- EX. CONCRETE SIDEWALK
- CURB RAMP REMOVAL AND REPLACEMENT
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB
- EXISTING ADA COMPLIANT CURB RAMP TO REMAIN IN PLACE
- REMOVE CURB RAMP AND DO NOT REPLACE

NOTE:
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 OR WITHIN LANDSCAPED DITCH AREAS AS DIRECTED BY THE ENGINEER AND RESTORED.

N

20 0 20
SCALE: 1"=20'-0"



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SCALE: 1"=20'-0"

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:22 AM
FILE NAME: Molitor-Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
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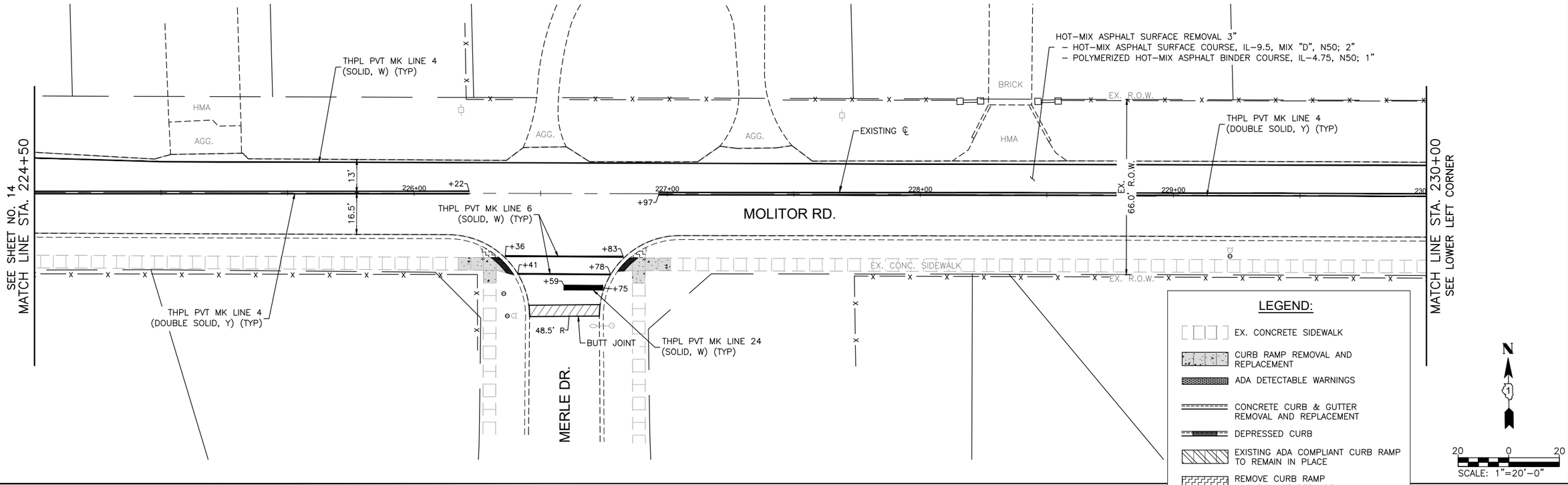
PLOT SCALE = 1"=20'	CHECKED – TW	REVISED –
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 14 OF 16 SHEETS | STA. 215+00 TO STA. 224+50

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	22
		CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	



COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:22 AM
FILE NAME: Molitor-Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: IDOT-Standard.ctb

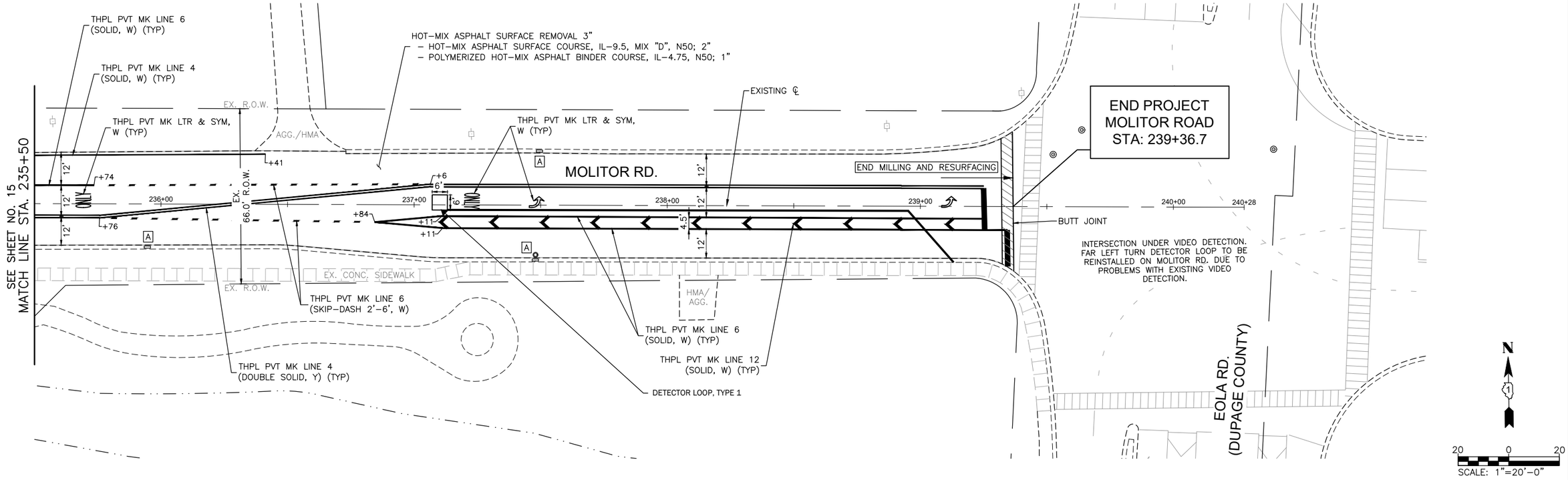
USER NAME = HOPPM	DESIGNED - AN	REVISED -	
FILE NAME = Molitor-Diehl_Ph 2	DRAWN - MH	REVISED -	
PLOT SCALE = 1"=20'	CHECKED - TW	REVISED -	
PLOT DATE = 8/28/2025	DATE - 06/02/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 15 OF 16 SHEETS | STA. 224+50 TO STA. 235+50

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	23
		CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			



LEGEND:

- EX. CONCRETE SIDEWALK
- CURB RAMP REMOVAL AND REPLACEMENT
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB
- EXISTING ADA COMPLIANT CURB RAMP TO REMAIN IN PLACE
- REMOVE CURB RAMP AND DO NOT REPLACE

NOTE:
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 OR WITHIN LANDSCAPED DITCH AREAS AS DIRECTED BY THE ENGINEER AND RESTORED.

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:22 AM
FILE NAME: Molitor-Diehl_Ph 2
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: ILDOT-Standard.ctb

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FILE NAME = Molitor-Diehl_Ph 2	DRAWN – MH	REVISED –
PLOT SCALE = 1"=20'	CHECKED – TW	REVISED –
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MOLITOR ROAD
RESURFACING AND PAVEMENT MARKING PLAN

SCALE: 1"=20' | SHEET NO. 16 OF 16 SHEETS | STA. 235+50 TO STA. 239+00

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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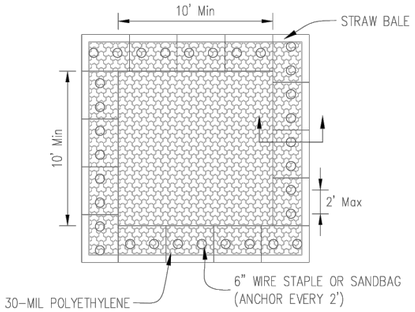
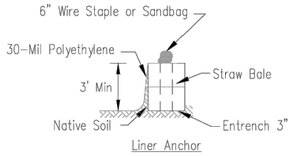
		CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		

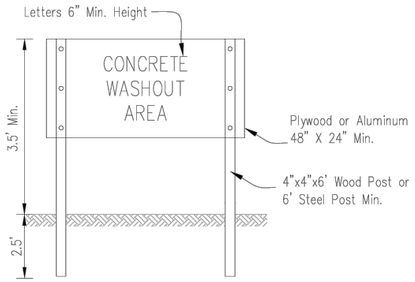


PLAN VIEW



Liner Anchor

STRAW BALE ANCHOR SECTIONS



SIGN DETAIL

NOTES:

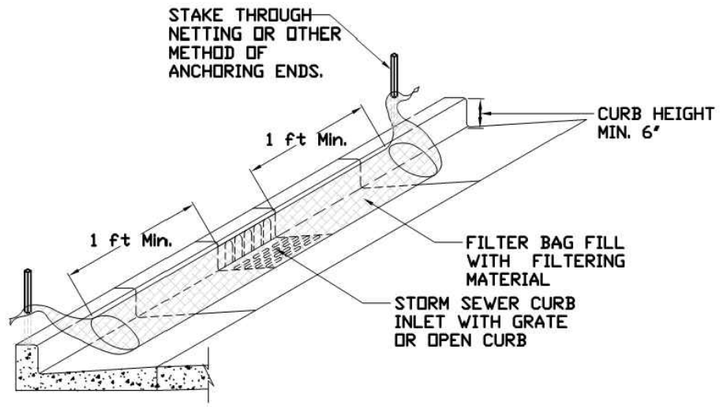
1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

Sheet 1 of 3 | Drawing No. IUM-565 | File No.

TEMPORARY CONCRETE WASHOUT FACILITY – STRAW BALE

	Date
Designed	
Drawn B. JOHNSON	6/08
Checked	
Approved	

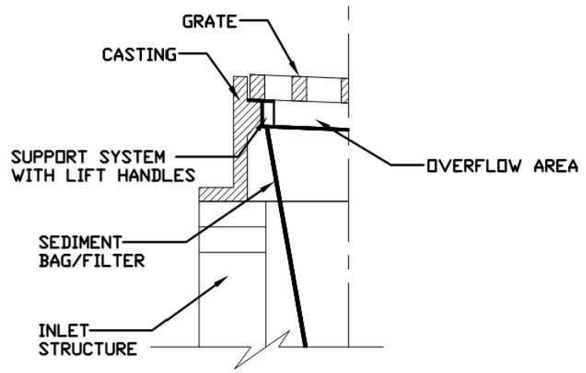
INLET PROTECTION - PAVED AREAS CURB PROTECTION

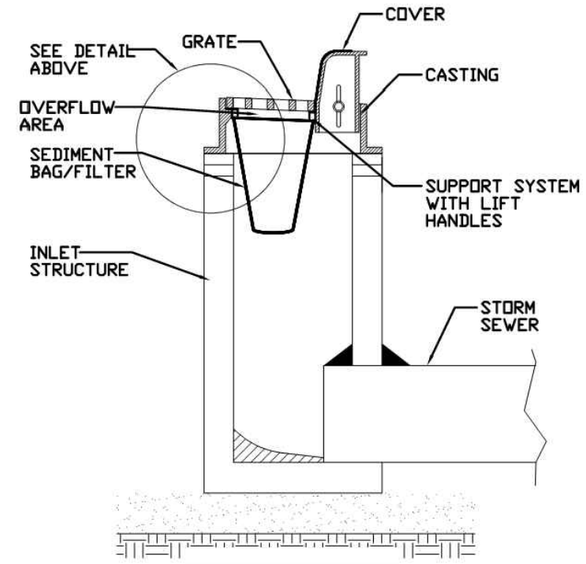


REFERENCE
Project
Designed Date
Checked Date
Approved Date

STANDARD DWG. NO.
IUM-561C
SHEET 1 OF 1
DATE 01-11-11

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION





REFERENCE
Project
Designed Date
Checked Date
Approved Date

STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

COMPANY NAME:
PROJECT CONTACT:
CLIENT:
DATE PLOTTED: 8/28/2025 6:22 AM
FILE NAME: Molitor Diehl-Details
PLOT DRIVER: DWG To PDF.pc3
PEN TABLE: SEC-Standard.ctb

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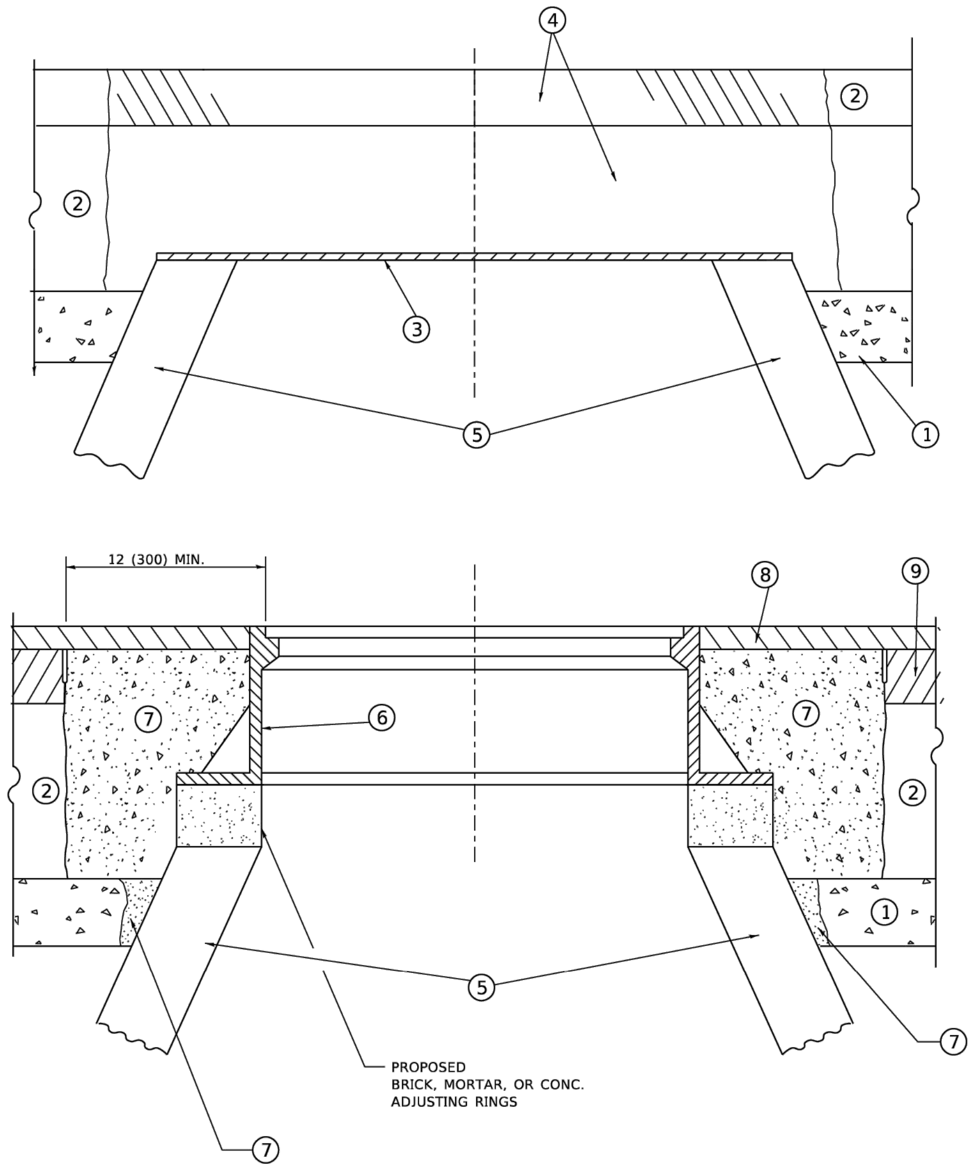
FILE NAME = Molitor Diehl-Details	DRAWN – MH	REVISED –	
PLOT SCALE = N.T.S.	CHECKED – TW	REVISED –	
PLOT DATE = 8/28/2025	DATE – 06/02/2025	REVISED –	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DETAILS

SCALE: N.T.S. | SHEET NO. 01 OF 01 SHEETS | STA. | TO STA.

FAU/MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490/0230	24-00369-00-RS	KANE/DUPAGE	36	25
		CONTRACT NO. 61L56		
		ILLINOIS | FED. 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.
2. 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.
3. 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.
5. 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

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 PP-2* CONCRETE
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

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)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. 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	STATE OF ILLINOIS
	DRAWN -	REVISED - R. BORO 12-06-11	DEPARTMENT OF TRANSPORTATION
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

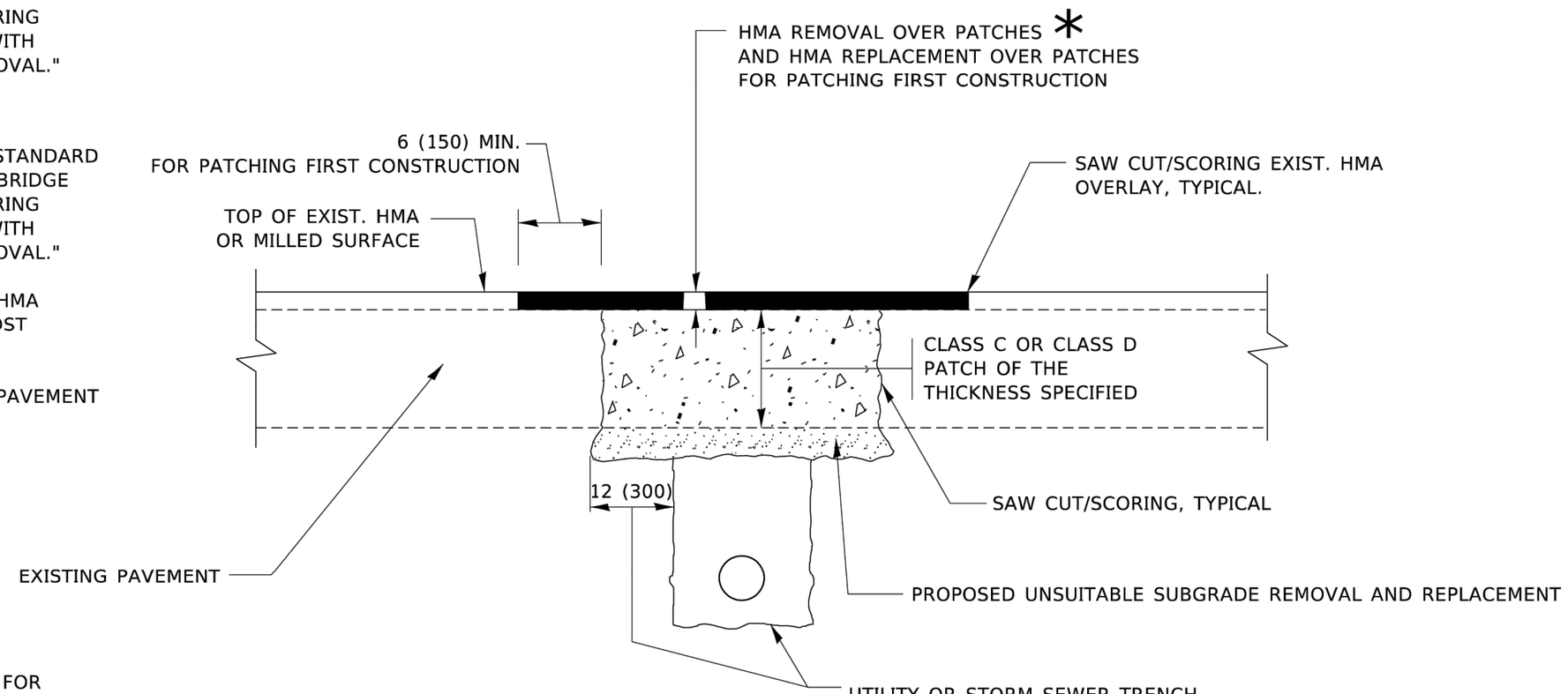
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24-00369-00-RS	KANE/DUPAGE	36	26
	BD600-03 (BD-08)	CONTRACT NO. 61L56		
		ILLINOIS	FED. AID PROJECT	

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."
2. 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.

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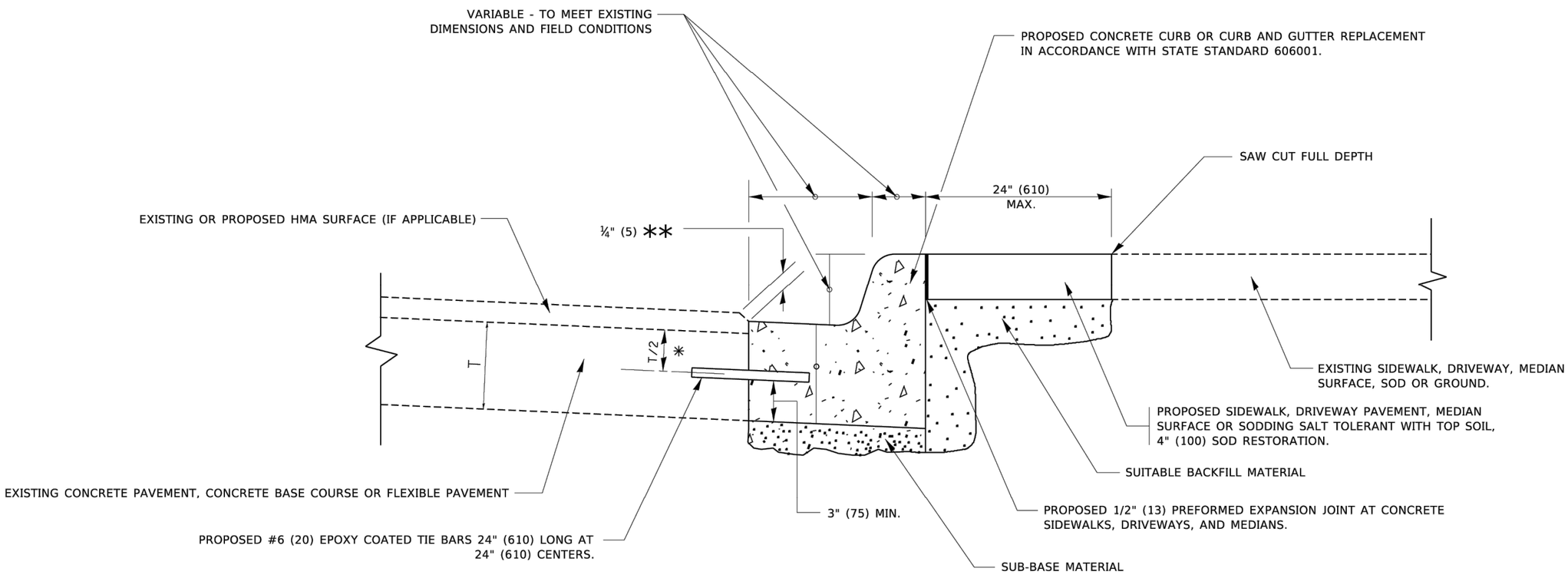
FILE NAME: pw:\\idot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADsheets\bd22.dgn

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
	DRAWN -	REVISED - R. BORO 09-04-07			
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08			
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.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24-00369-00-RS	KANE/DUPAGE	36	27
	BD400-04 (BD-22)	CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			



* 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.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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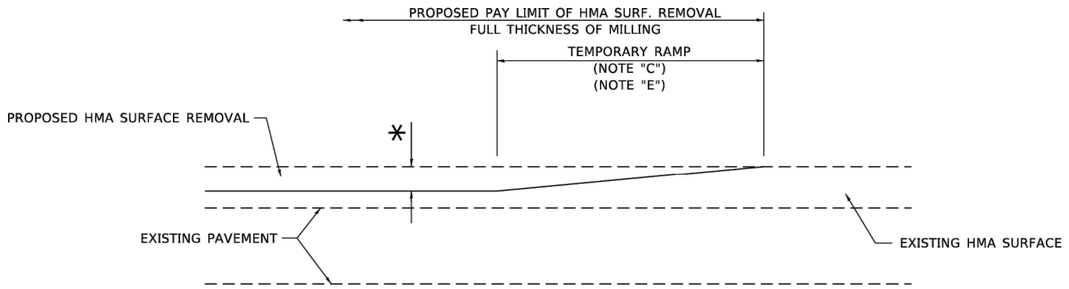
	DRAWN -	REVISED - M. GOMEZ 01-22-01	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

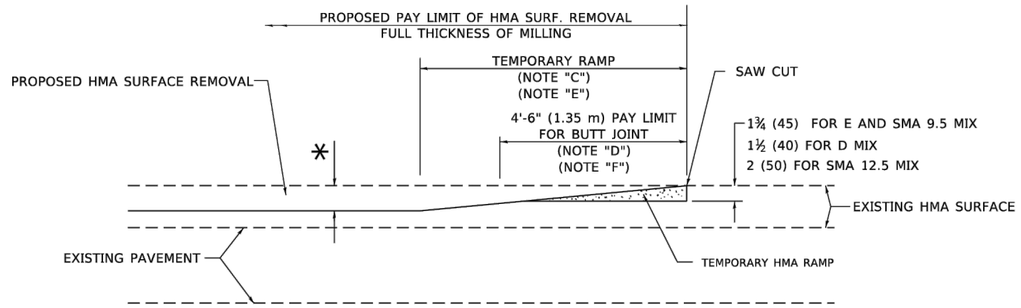
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24–00369–00–RS	KANE/DUPAGE	36	28
	BD600–06 (BD–24)	CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

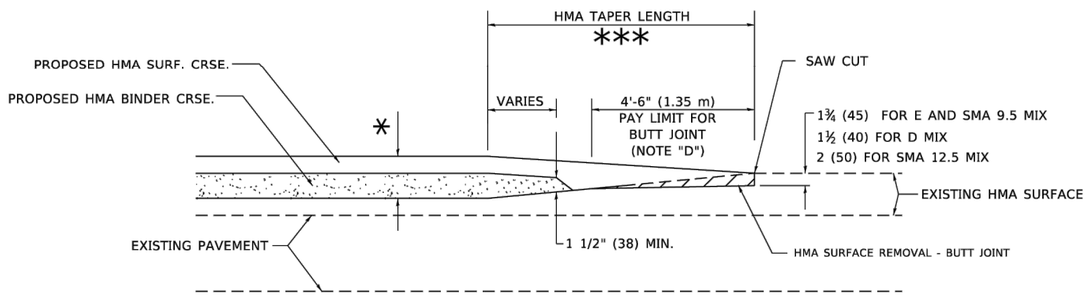


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

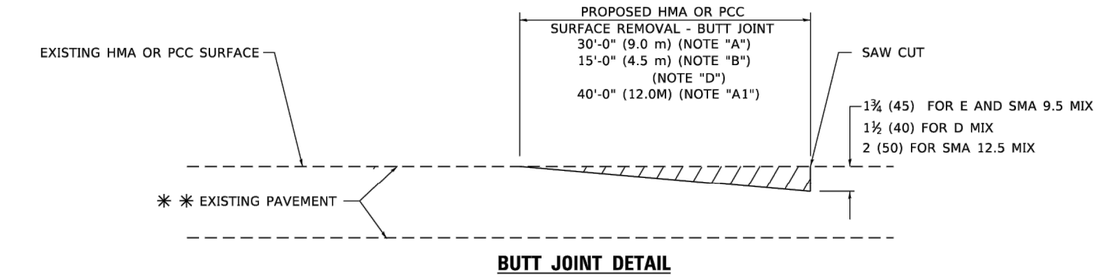
OPTION 2

TYPICAL TEMPORARY RAMP

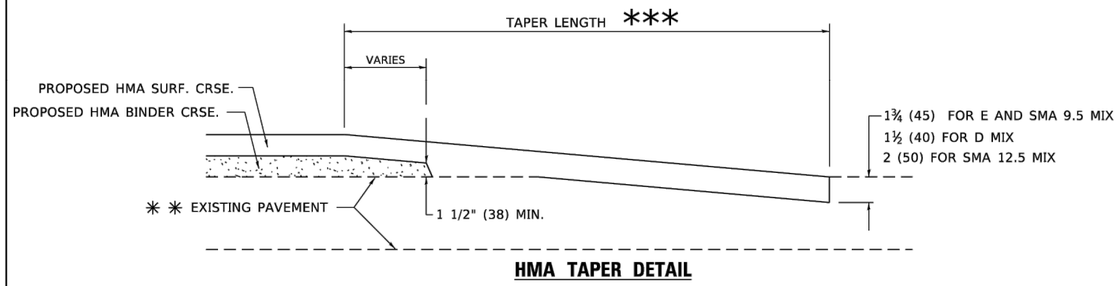


BUTT JOINT AND HMA TAPER

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.

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.

* 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

1. 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".

2. 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.

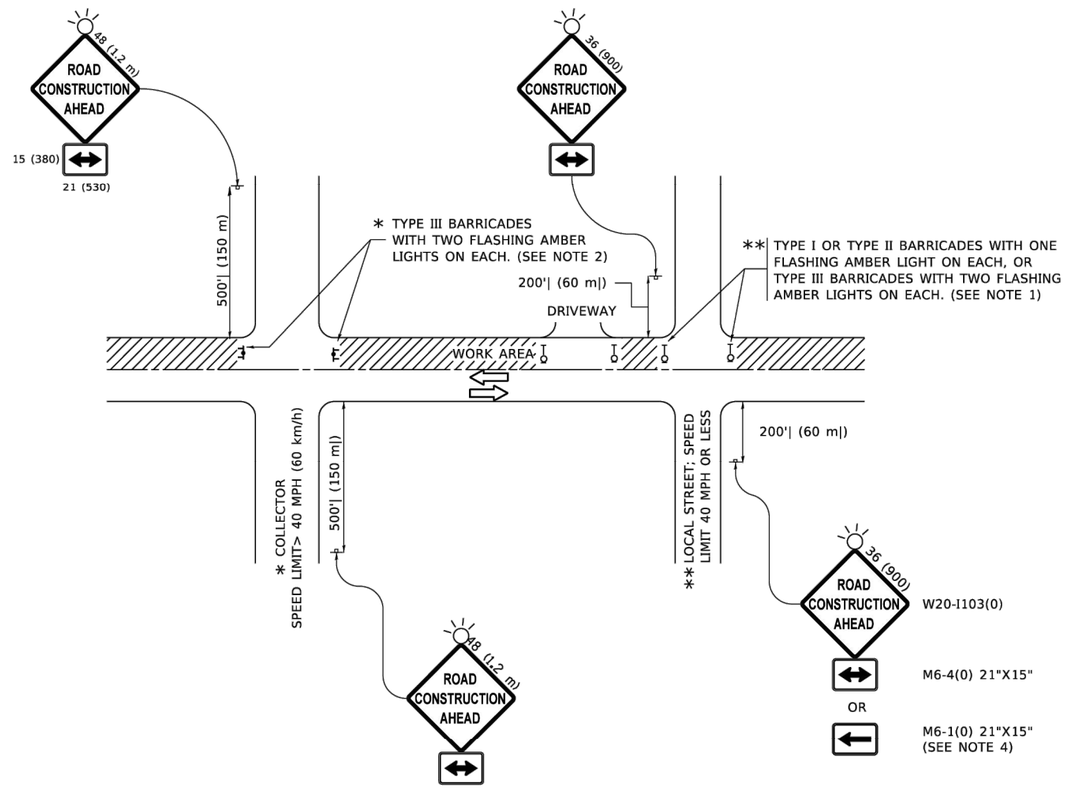
USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97	
	DRAWN -	REVISED - M. GOMEZ 04-06-01	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24-00369-00-RS	KANE/DUPAGE	36	29
	BD400-05 BD-32	CONTRACT NO. 61L56		
	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.
2. 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.
   b) 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. 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.
4. 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).
5. 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.
7. 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.

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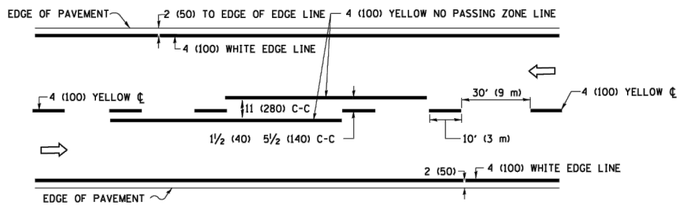
USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	
	DRAWN -	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

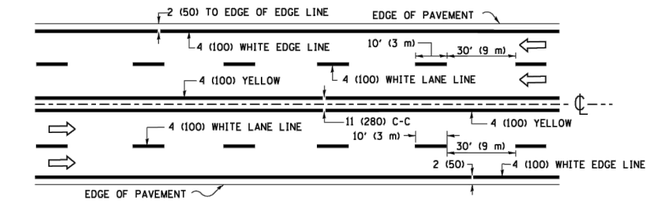
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

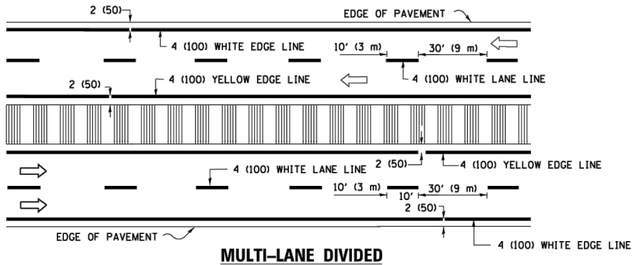
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24-00369-00-RS	KANE/DUPAGE	36	30
	TC-10	CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			



2–LANE ROADWAY

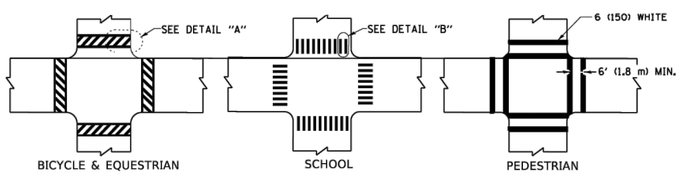


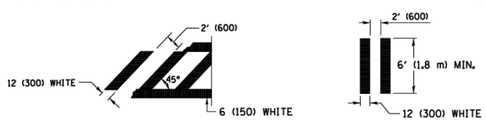
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

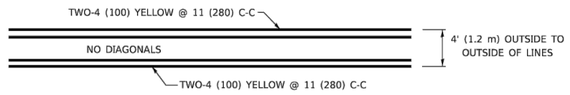




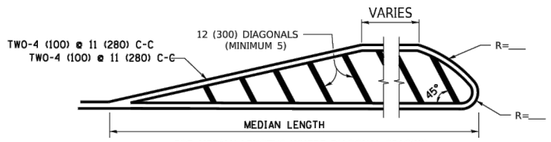
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✱ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



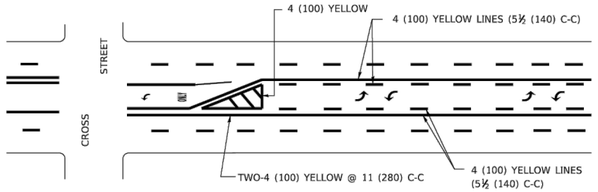
4' (1.2 m) WIDE MEDIANS ONLY



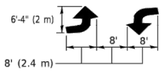
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

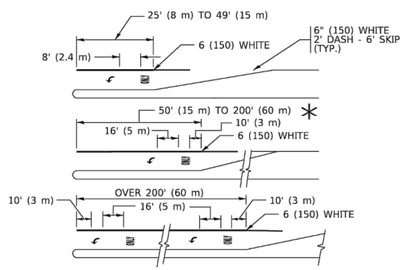


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

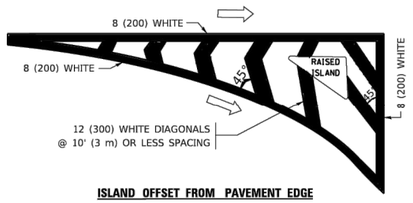


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²)

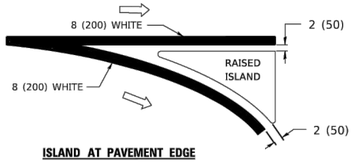
✱ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

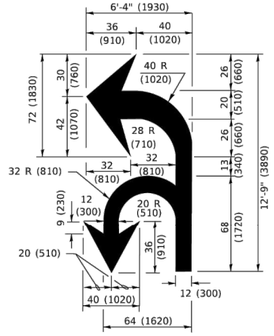


ISLAND OFFSET FROM PAVEMENT EDGE

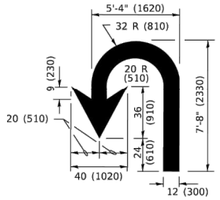


ISLAND AT PAVEMENT EDGE

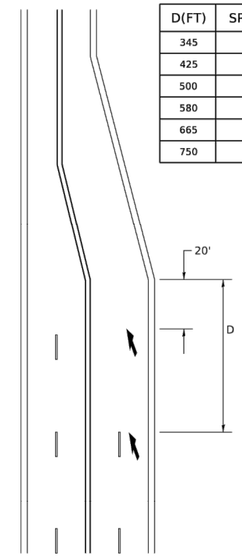
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

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

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 WHITE	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 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 m² EACH "X"=54.0 SQ. FT. (5.0 m²
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

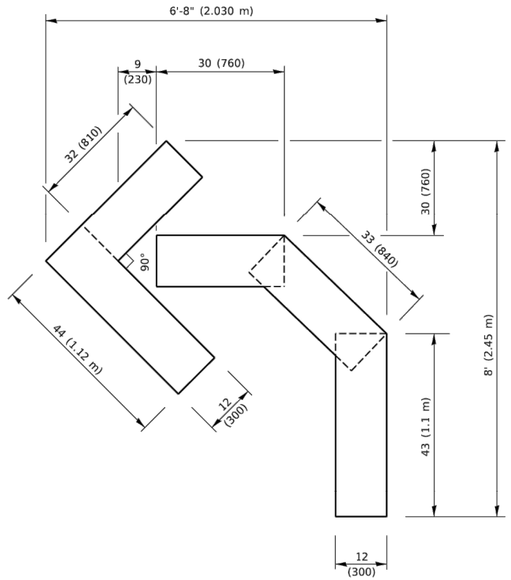
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOTIDocuments\IDOT Offices\District 1\Projects\Dist5td22s234\CADData\CADsheets\stc13.dgn

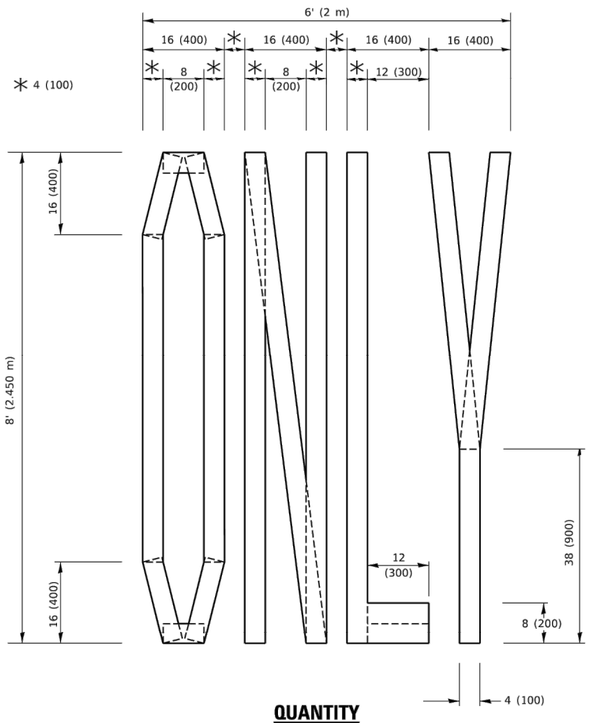
USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**	**DISTRICT ONE** **TYPICAL PAVEMENT MARKINGS**	
	DRAWN -	REVISED - C. JUCIUS 07-01-13			
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15		SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.	
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16			

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24–00369–00–RS	KANE/DUPAGE	36	31
	TC–13	CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			



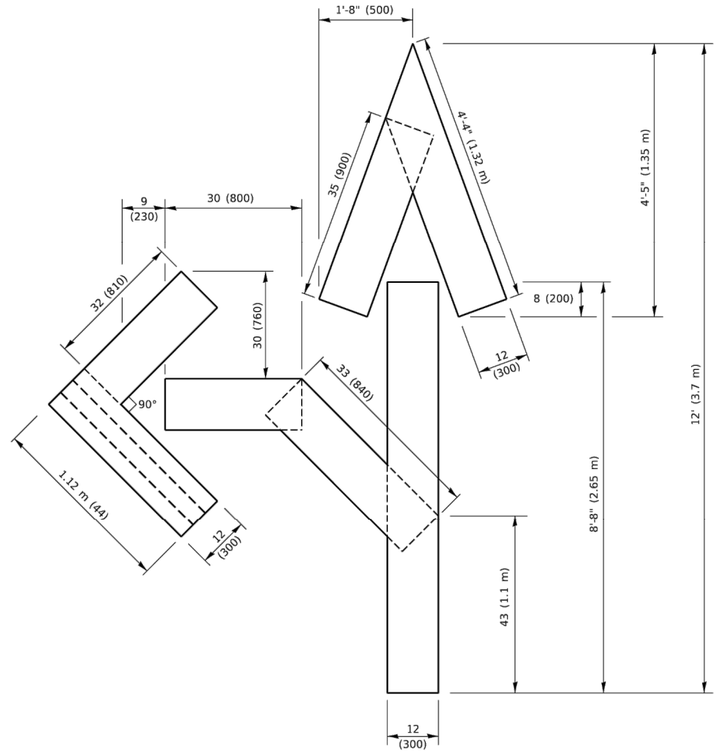
QUANTITY

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



QUANTITY

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

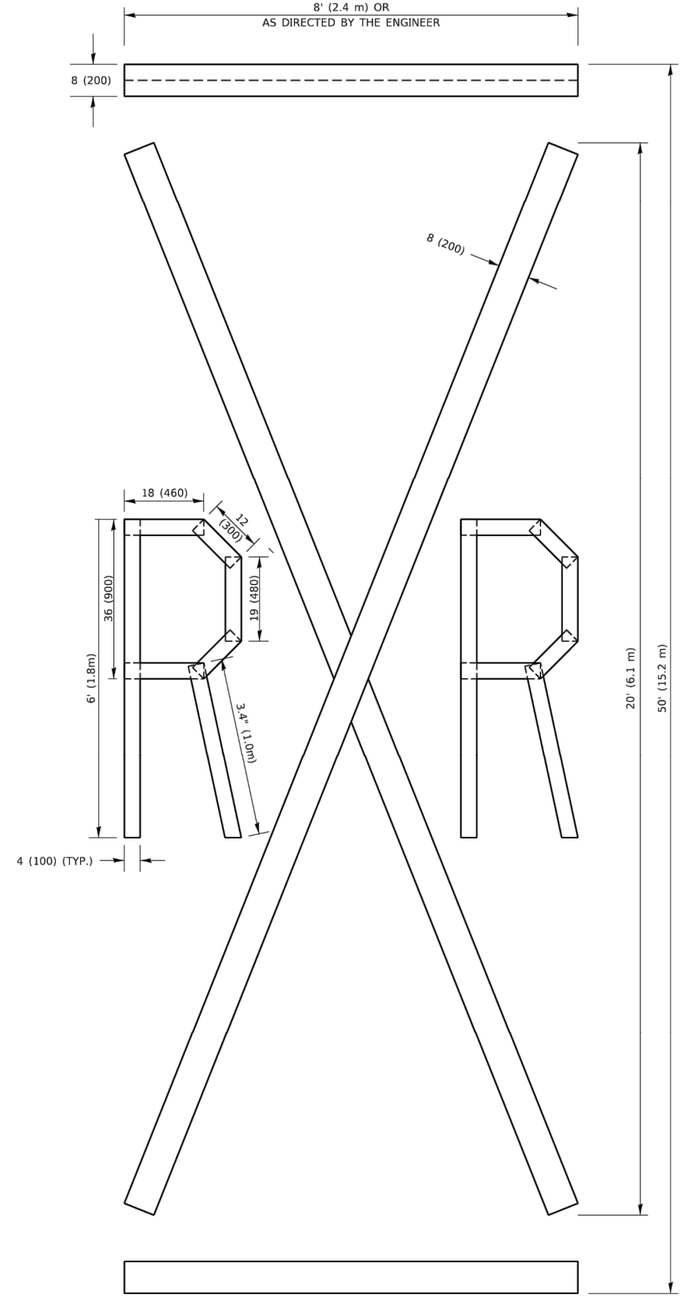


QUANTITY

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.

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT1Documents\IIDOT Offices\District 1\Projects\Dist\Std22x34\CADData\CADsheets\tc16.dgn

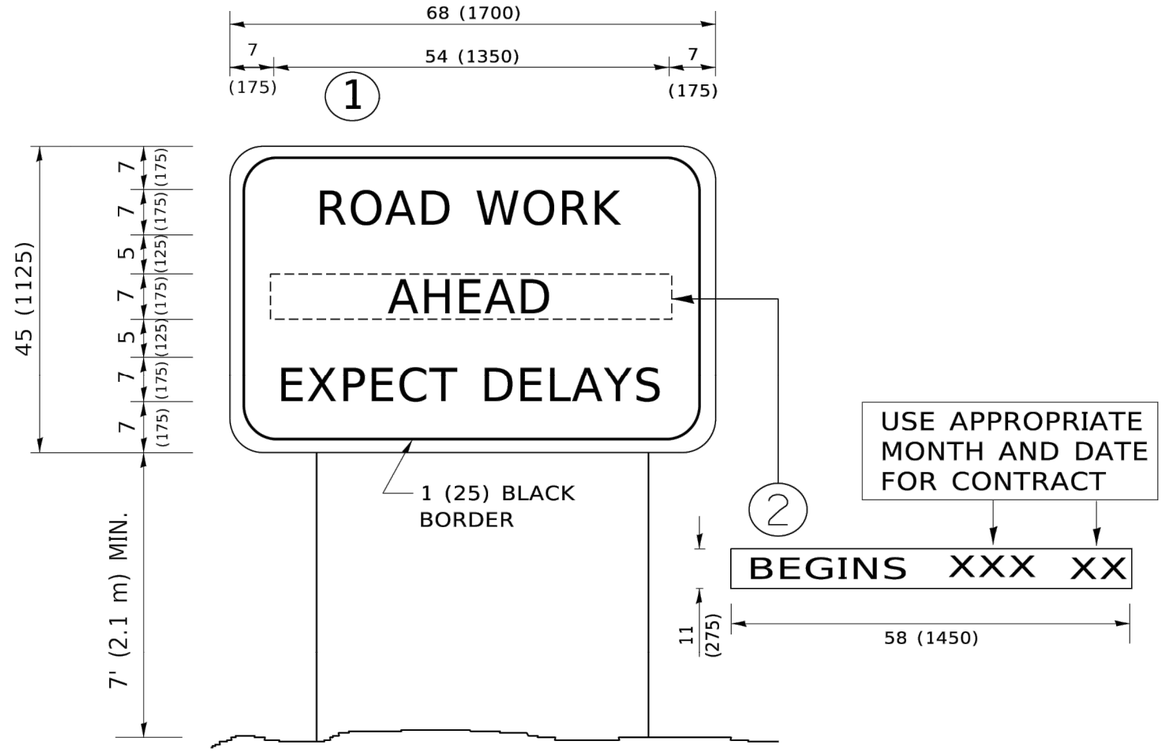
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00	
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24-00369-00-RS	KANE/DUPAGE	36	32
	TC-16	CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			



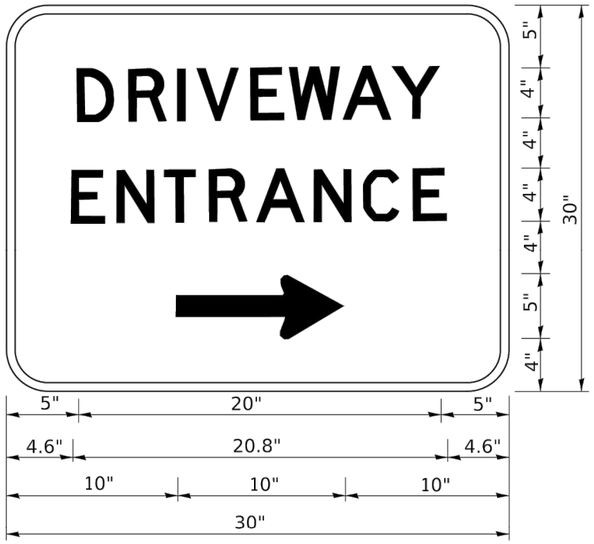
NOTES:

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	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**ARTERIAL ROAD INFORMATION SIGN**
	DRAWN -	REVISED - R. MIRS 12-11-97		
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07		

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24-00369-00-RS	KANE/DUPAGE	36	33
	TC-22	CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			



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".

USER NAME = leysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/6/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24-00369-00-RS	KANE/DUPAGE	36	34
	TC-26	CONTRACT NO. 61L56		
	ILLINOIS	FED. AID PROJECT		

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

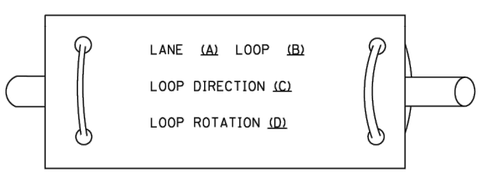
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD–IN CABLE TAG

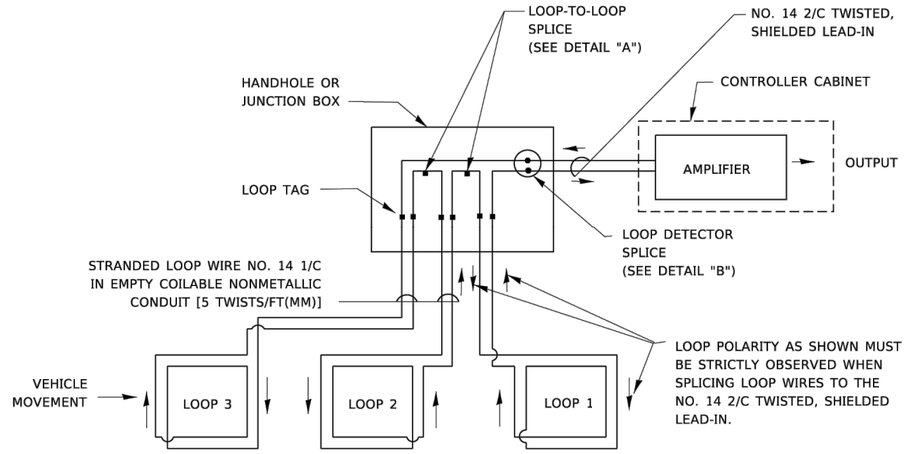


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

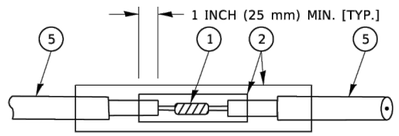
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

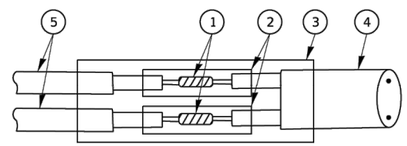


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
  SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

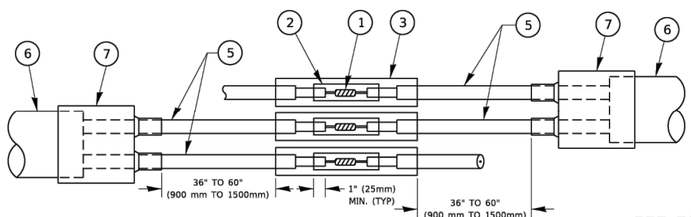


DETAIL "A"
LOOP-TO-LOOP SPLICE



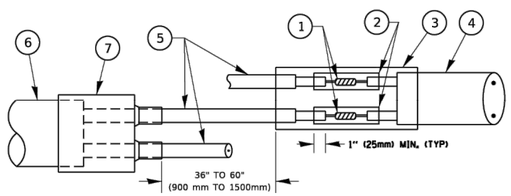
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE–FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP

(6) XL POLYOLEFIN 2 CONDUCTOR

(7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

USER NAME = footemj	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE -	REVISED -	

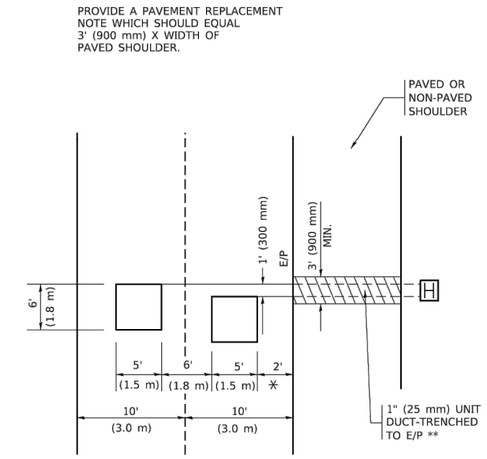
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24–00369–00–RS	KANE/DUPAGE	36	35
	TS–05	CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			

LOOPS NEXT TO SHOULDERS

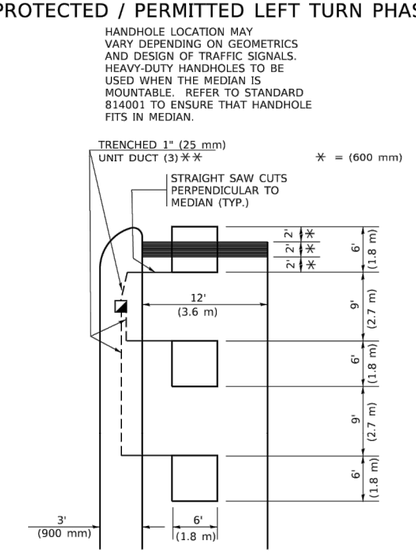


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

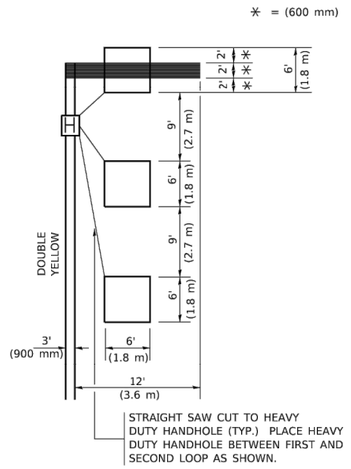


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS

VOLUME DENSITY (''FAR OUT'' DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)



NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

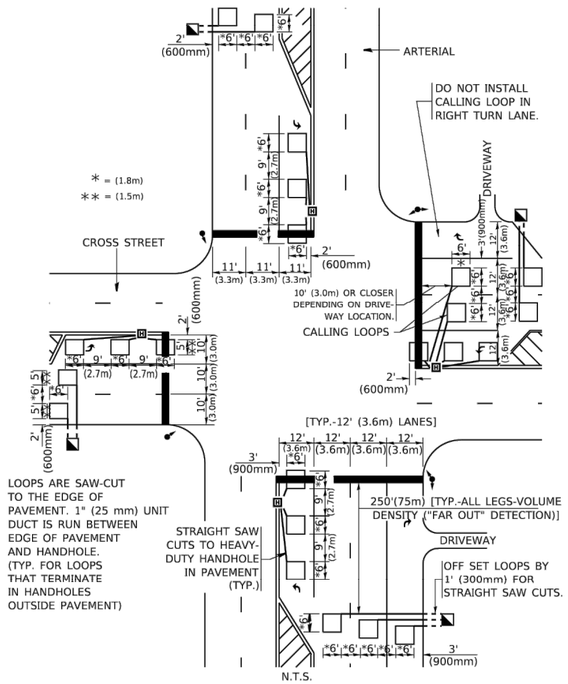
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

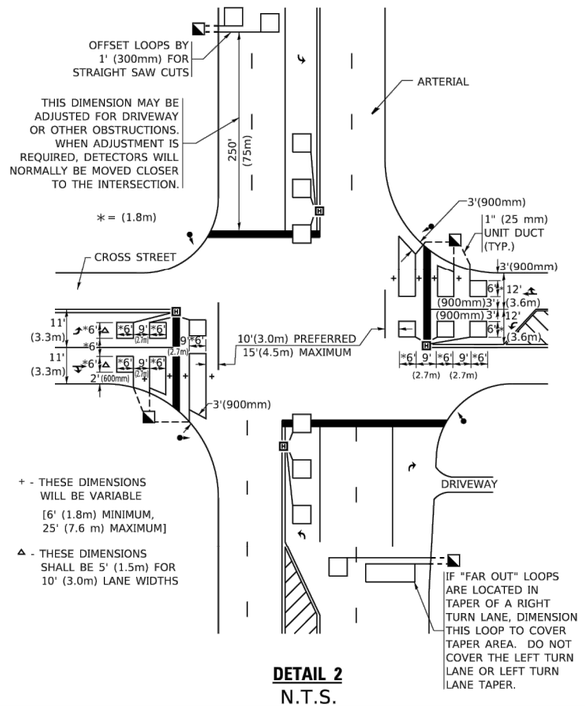
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000 ' / in.	CHECKED - R.K.F.	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1490	24-00369-00-RS	KANE/DUPAGE	36	36
	TS-07	CONTRACT NO. 61L56		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOTDocuments\IDOT Offices\District 1\Projects\DistStd22x34\CADData\CADSheetsts07.dgn