

08-01-2025 LETTING ITEM 004

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

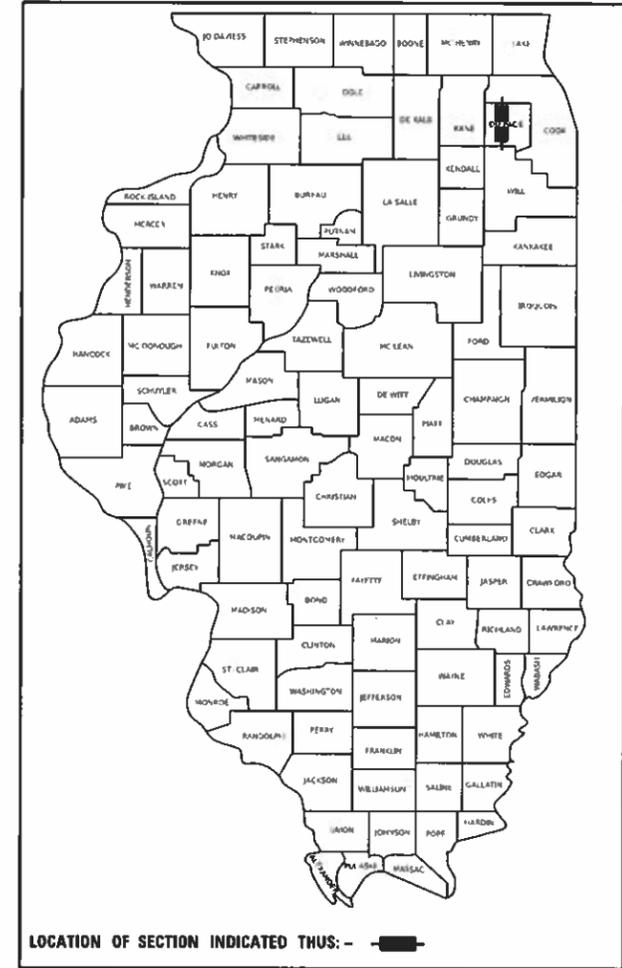
WESTERN FRONTAGE ROAD
 DESIGN DESIGNATION = LOCAL ROAD OR STEET
 DESIGN SPEED = 30 MPH
 POSTED SPEED = 30 MPH
 DESIGN YEAR = 2050

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY**

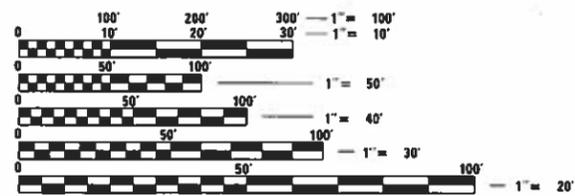
TR 3367
 KINGERY HIGHWAY ACCESSIBLE FRONTAGE ROADS
 PAVEMENT OVERLAY
 OAKLEAF DR TO IL ROUTE 83
 SECTION NO.: 24-01121-00-PV
 PROJECT NO.: MCMQ(032)
 ADDISON TOWNSHIP
 DUPAGE COUNTY
 C-91-058-25

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	1
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



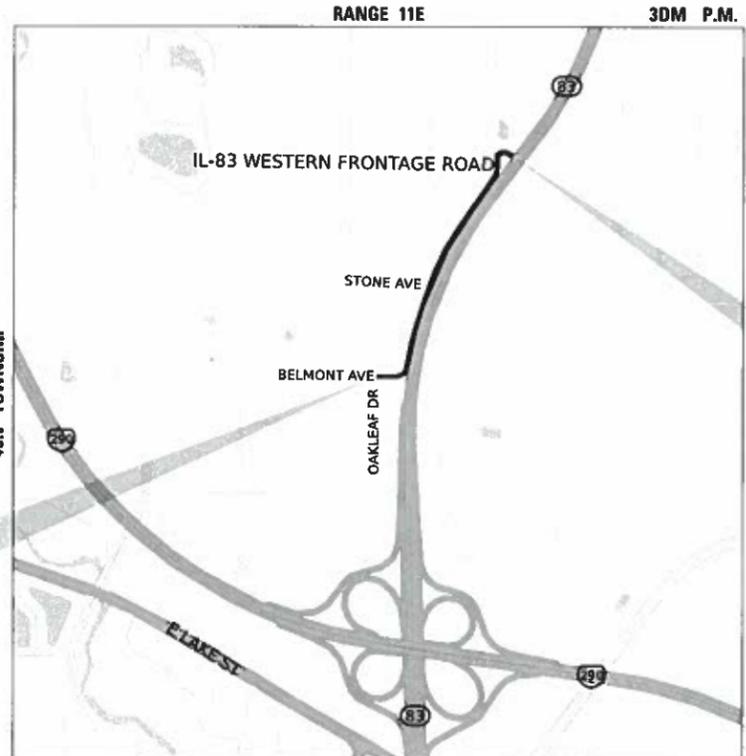
APPLIES TO SHEETS 1 - 21

REGISTERED P.E., STATE OF ILLINOIS, EXPIRES 11 / 30 / 2025



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811



PROJECT BEGINS
 STA. 10+72.00

PROJECT ENDS
 STA. 38+65.49

ADDISON TOWNSHIP
 GROSS LENGTH OF IMPROVEMENTS = 2,793.49 FT. = 0.529 MILE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Approved April 17, 2025
 [Signature] Don Hold
 Addison Township Highway Commissioner

Passed May 27, 2025
 [Signature] [Name]
 District One Engineer of Local Roads and Streets

Releasing for Bid Based on Limited Review May 27, 2025
 [Signature] [Name] Regional Engineer

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CONTRACT NO. 61L45

PLANS PREPARED BY:
Bravo Company ENGINEERING
 550 Warrenville Road, Suite 220
 Lisle, IL 60532
 Main: 630-702-9855
 www.BravoCoEng.com

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

INDEX OF SHEETS

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- 15 EROSION CONTROL, LANDSCAPING AND PAVEMENT MARKINGS PLAN
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- 442201-03 CLASS C AND D PATCHES
- 604001-05 FRAME AND LIDS TYPE 1
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IDOT DISTRICT ONE STANDARDS

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- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
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GENERAL

1. ALL REFERENCES TO STANDARD SPECIFICATIONS IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2025.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD); THE DETAILS IN THE PLANS AND THE SPECIAL PROVISIONS, AND IDOT STANDARD DRAWINGS AS LISTED IN THE CONTRACT DOCUMENTS.
3. A SAW CUT SHALL BE REQUIRED TO THE FULL DEPTH AT THE JOINT BETWEEN THE PAVEMENT, SIDEWALK, CURB AND GUTTER, MEDIAN, DRIVEWAY PAVEMENT, HOT-MIX ASPHALT SURFACES TO BE REMOVED AND THAT LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER.
4. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFF-SITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINE FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP.
5. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION PROJECT.
6. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
7. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
8. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

STAKING

1. ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. THE STATION/OFFSET/ELEVATION NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR EACH STRUCTURE TO SET THE FRAME AND GRATE IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
3. THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES OR PROPOSED PAVEMENT GRADES, UNLESS OTHERWISE NOTED.

UTILITIES

1. PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND ACCURACY IS NOT GUARANTEED. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED.
2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
4. ANY EXISTING OR PROPOSED SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. NO ADDITIONAL COMPENSATION SHALL BE PAID FOR THIS WORK.

SIGNING, STRIPING, AND LANDSCAPING

1. SIGNS WHICH ARE SO DESIGNATED BY THE ENGINEER SHALL BE REMOVED, STORED AND SUBSEQUENTLY RELOCATED BY THE CONTRACTOR. ANY SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION OPERATIONS BEYOND REPAIR SHALL BE REPLACED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
2. WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SEEDED/SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
3. 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.
4. ALL NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZER NUTRIENTS HAVE BEEN INTENTIONALLY OMITTED FROM THE CONTRACT ON THE SODDING APPLICATION.
5. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
6. THE RESIDENT ENGINEER SHALL NOTIFY EMAD ALHUSSEINI AREA TRAFFIC FIELD ENGINEER AT EMAD.ALHUSSEINI@ILLINOIS.GOV AT LEAST TWO WEEKS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.
7. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED.

COMMITMENTS

NO COMMITMENTS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS

SHEET 1 OF 1 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	2
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	0005 ROADWAY RESURFACING MAINTENANCE 80% FED 20% LOCAL
	20200100	EARTH EXCAVATION	CU YD	110
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	167
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	136
	25200110	SODDING, SALT TOLERANT	SQ YD	136
	25200200	SUPPLEMENTAL WATERING	UNIT	8
	28000510	INLET FILTERS	EACH	26
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	149
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	436
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	189
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5511
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	2794
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	35
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	33
	40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	16
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	18

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET 1 OF 4 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L45	

SPECIALTY ITEM	CODE NO.	ITEM	UNIT	0005 ROADWAY RESURFACING MAINTENANCE 80% FED 20% LOCAL
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	998
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	881
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	98
X	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9672
X	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	38
X	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	75
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	77
	LR443200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	4307
	X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	7367
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1

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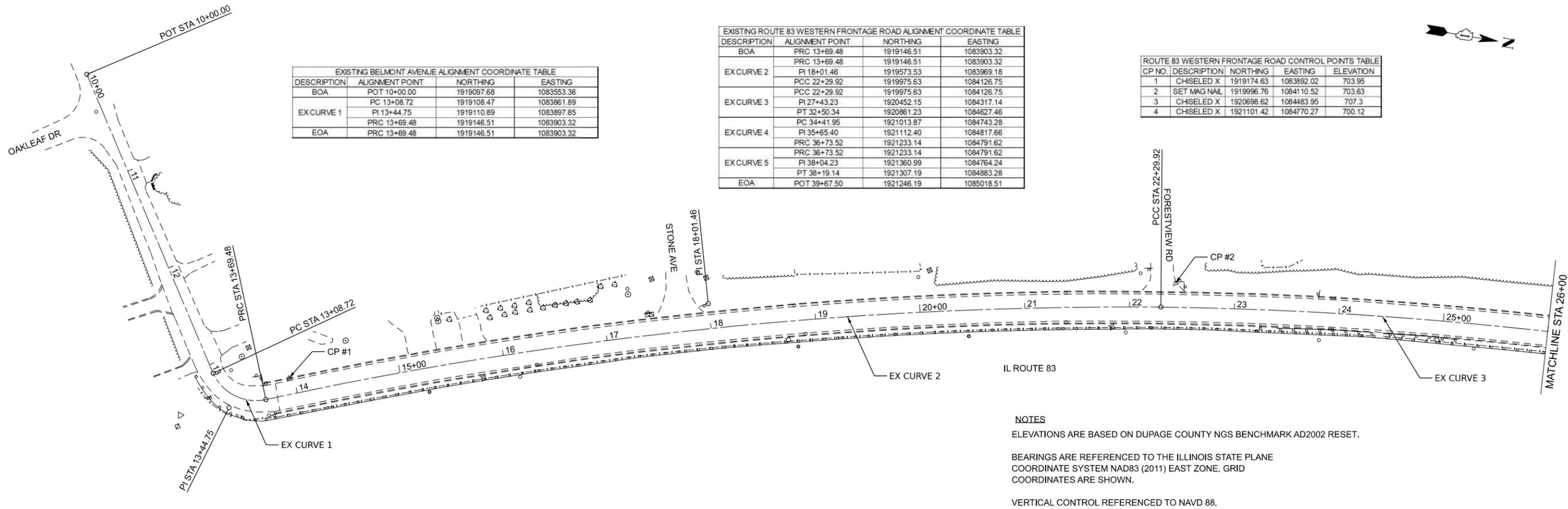
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SHEET 3 OF 4 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	5
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61L45	

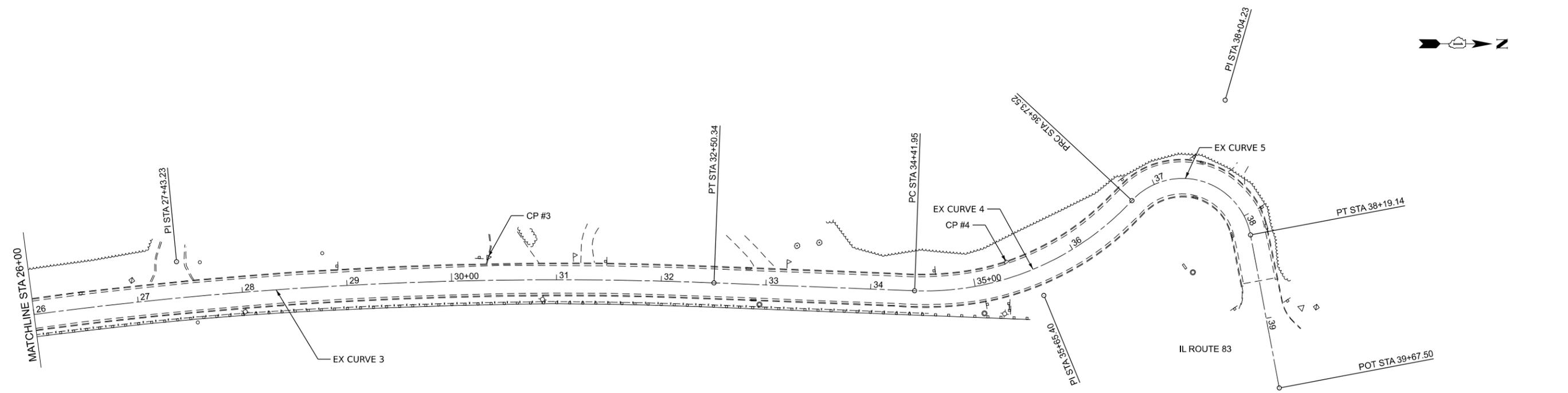


DESCRIPTION	ALIGNMENT POINT	NORTHING	EASTING
BOA	POT 10+00.00	1919087.68	1083553.36
EX CURVE 1	PC 13+08.72	1919108.47	1083861.89
	PI 13+44.75	1919110.89	1083897.85
	PRC 13+69.48	1919146.51	1083903.32
EOA	PRC 13+69.48	1919146.51	1083903.32

DESCRIPTION	ALIGNMENT POINT	NORTHING	EASTING
BOA	PRC 13+69.48	1919146.51	1083903.32
EX CURVE 2	PRC 13+69.48	1919146.51	1083903.32
	PI 18+01.46	1919573.53	1083969.18
	PCC 22+29.92	1919975.63	1084126.75
EX CURVE 3	PCC 22+29.92	1919975.63	1084126.75
	PI 27+43.23	1920452.15	1084317.14
	PT 32+50.34	1920861.23	1084627.46
EX CURVE 4	PC 34+41.95	1921013.87	1084743.28
	PI 35+65.40	1921112.40	1084817.66
	PRC 36+73.52	1921233.14	1084791.62
EX CURVE 5	PRC 36+73.52	1921233.14	1084791.62
	PI 38+04.23	1921360.99	1084764.24
	PT 38+19.14	1921307.19	1084883.28
EOA	POT 39+67.50	1921246.19	1085018.51

CP NO.	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	CHSELED X	1919174.63	1083892.02	703.95
2	SET MAG NAIL	1919996.76	1084110.52	703.63
3	CHSELED X	1920698.62	1084483.95	707.3
4	CHSELED X	1921101.42	1084770.27	700.12

NOTES
 ELEVATIONS ARE BASED ON DUPAGE COUNTY NGS BENCHMARK AD2002 RESET.
 BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM NAD83 (2011) EAST ZONE. GRID COORDINATES ARE SHOWN.
 VERTICAL CONTROL REFERENCED TO NAVD 88.

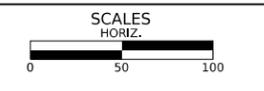


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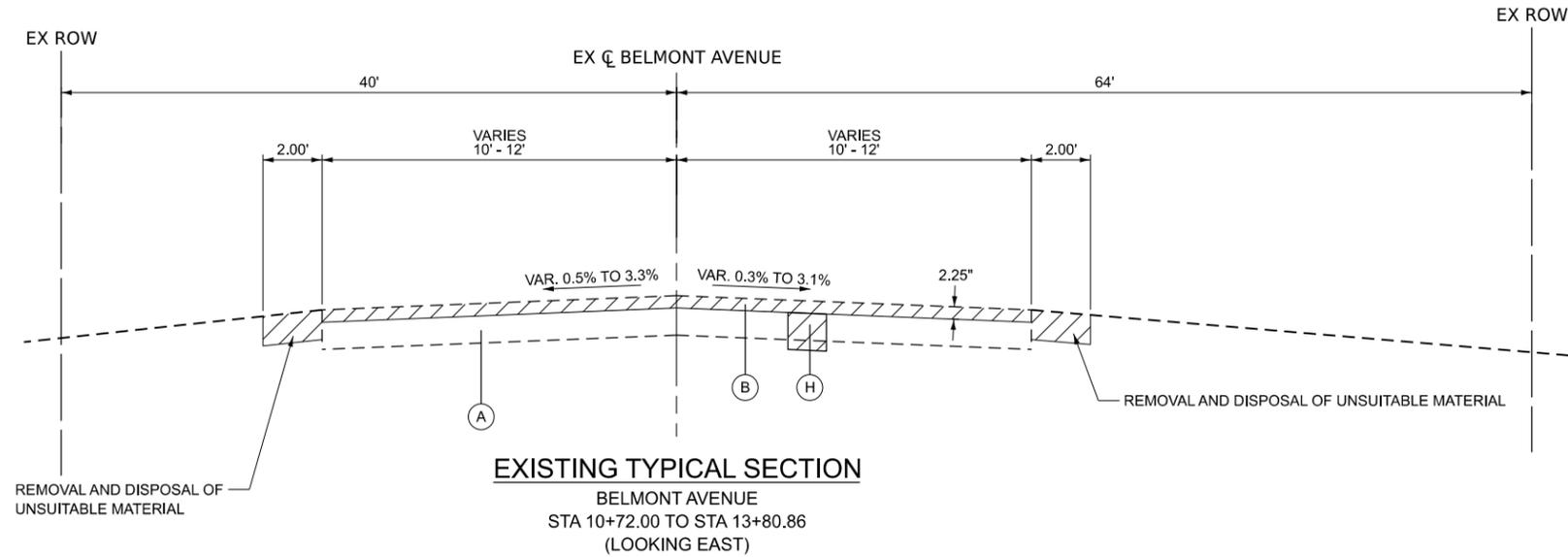
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



**ALIGNMENT, TIES & BENCHMARKS
 EXISTING ALIGNMENT**

SHEET 1 OF 1 SHEETS STA. TO STA.

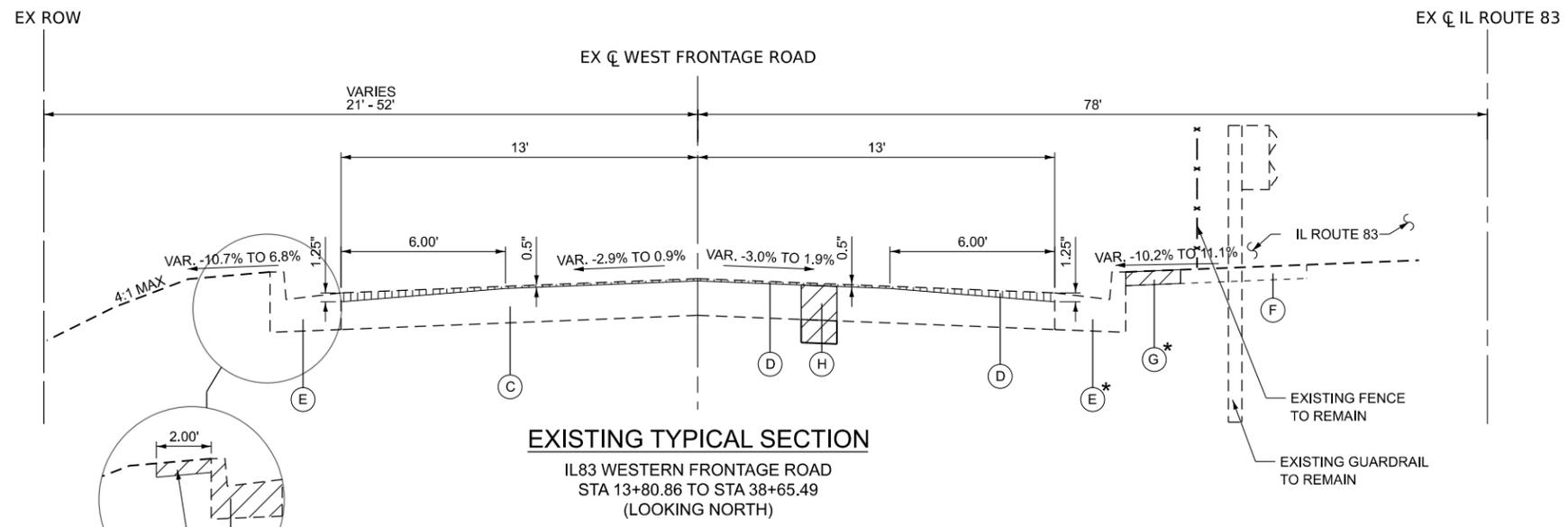
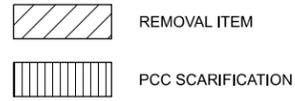
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	6
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
 BELMONT AVENUE
 STA 10+72.00 TO STA 13+80.86
 (LOOKING EAST)

LEGEND

- (A) EXISTING HMA PAVEMENT
- (B) HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- (C) EXISTING JOINTED PCC PAVEMENT, 8"
- (D) PORTLAND CEMENT CONCRETE SCARIFICATION, DEPTH RANGES FROM 0.5" TO 1.25" PAID FOR AS "PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)"
- (E) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPOT CURB REMOVAL AND REPLACEMENT TO BE DETERMINED BY THE ENGINEER)
- (F) EXISTING AGGREGATE SHOULDER
- (G) AGGREGATE SHOULDER REMOVAL
- (H) CLASS D PATCHES (AS DIRECTED BY THE ENGINEER)



EXISTING TYPICAL SECTION
 IL83 WESTERN FRONTAGE ROAD
 STA 13+80.86 TO STA 38+65.49
 (LOOKING NORTH)

* SEE ROADWAY PLAN SHEETS FOR LOCATIONS OF SPOT CURB REMOVAL AND REPLACEMENT. REMAINING LENGTH OF CURB IMPROVEMENTS SHALL BE DETERMINED BY THE ENGINEER

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

SHEET 1 OF 2 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	7
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QMP
FRONTAGE ROAD OVERLAY		
HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50; 1.5" TO 2.25"	4% @ 50 GYR	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"	3.5% @ 50 GYR	LR 1030-2
BELMONT AVENUE RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"	3.5% @ 50 GYR	LR 1030-2
SIDE ROAD PAVEMENT (BEHIND CURB REPAIRS)		
HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50; 1.5"	4% @ 50 GYR	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2.25"	4% @ 50 GYR	LR 1030-2
DRIVEWAYS (BEHIND CURB REPAIRS)		
HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50; 3" (2 LIFTS)	4% @ 50 GYR	LR 1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19MM)	4% @ 70 GYR	LR 1030-2
QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

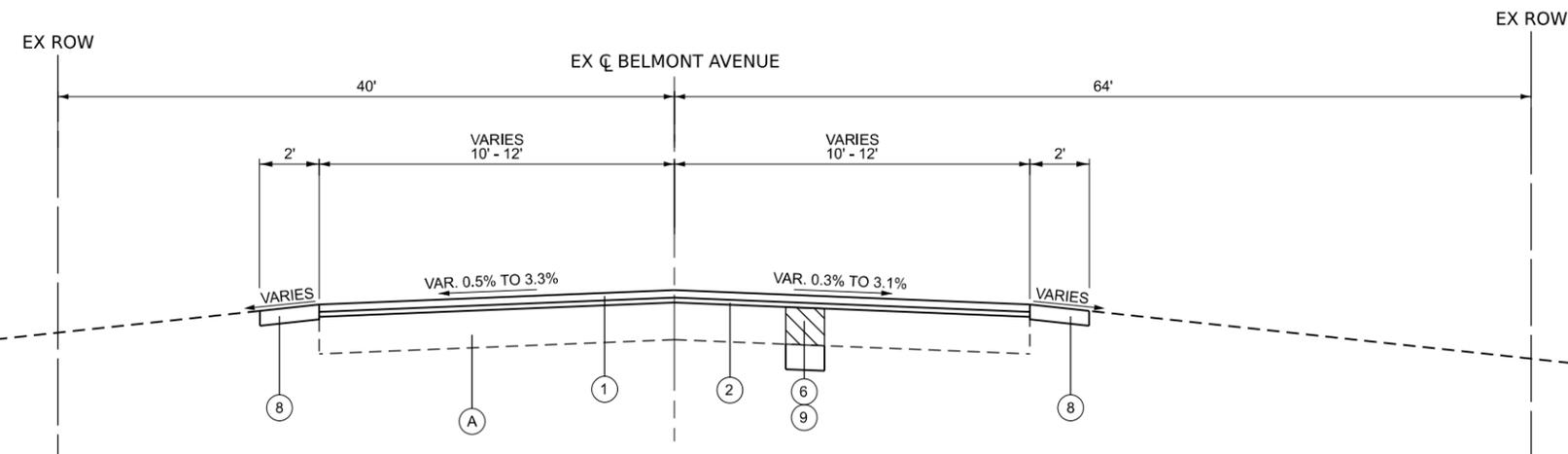
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3. LONGITUDINAL JOINT SEALANT SHALL BE PLACED ALONG THE ROADWAY CENTERLINE, UNDER THE HMA SURFACE COURSE.
4. STRIP REFLECTIVE CRACK CONTROL TREATMENT SHALL BE PLACED AT TRANSVERSE JOINT LINES, ON MILLED OR SCARIFIED PCC PAVEMENT SURFACE, BEFORE BINDER COURSE IS PLACED.

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "D", N50; 1.5" TO 2.25"
- ② POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 0.75"
- ③ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 1"
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPOT CURB REMOVAL AND REPLACEMENT TO BE DETERMINED BY THE ENGINEER)
- ⑤ AGGREGATE BASE COURSE, TYPE B, 6"
- ⑥ CLASS D PATCHES (AS DIRECTED BY THE ENGINEER)
- ⑦ TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- ⑧ AGGREGATE SHOULDERS, TYPE B 6"
- ⑨ UNDERCUT AS DIRECTED BY THE ENGINEER: REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AGGREGATE SUBGRADE IMPROVEMENT

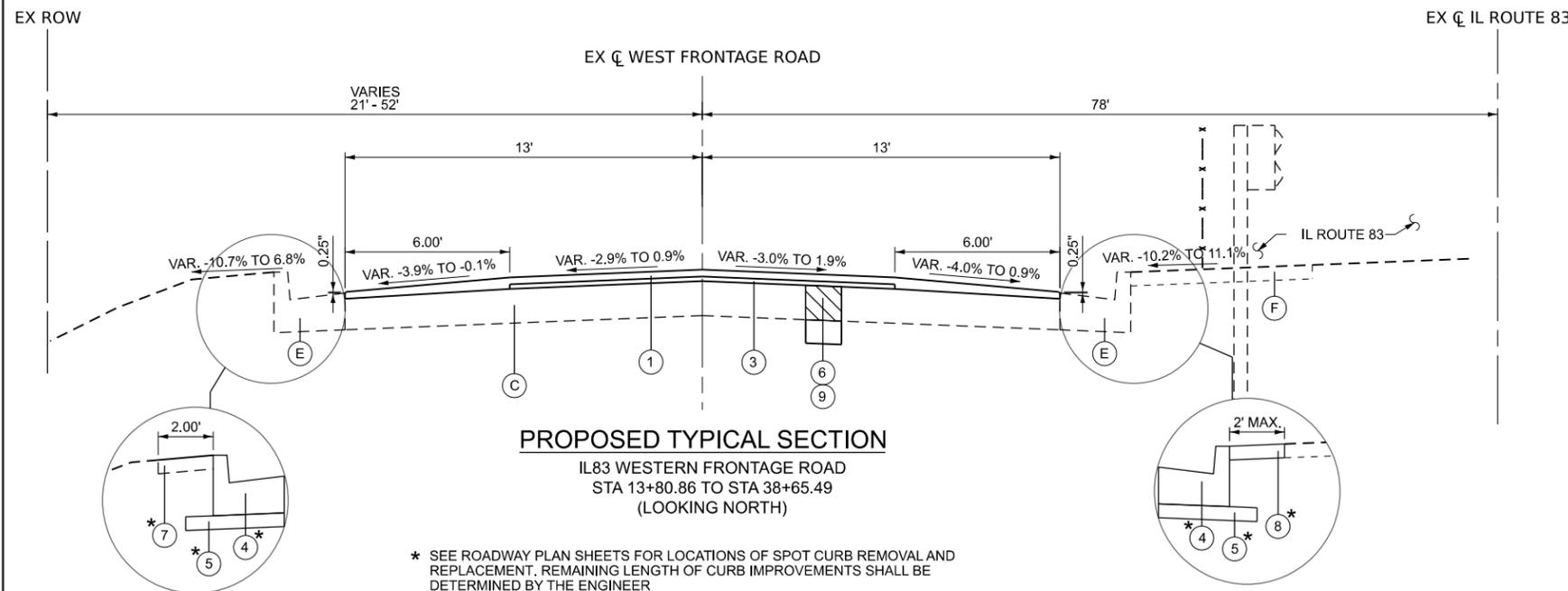
EXISTING LEGEND

- Ⓐ EXISTING HMA PAVEMENT
- Ⓑ HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- Ⓒ EXISTING JOINTED PCC PAVEMENT, 8"
- Ⓓ PORTLAND CEMENT CONCRETE SCARIFICATION, DEPTH RANGES FROM 0.5" TO 1.25" PAID FOR AS "PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)"
- Ⓔ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPOT CURB REMOVAL AND REPLACEMENT TO BE DETERMINED BY THE ENGINEER)
- Ⓕ EXISTING AGGREGATE SHOULDER
- Ⓖ AGGREGATE SHOULDER REMOVAL
- Ⓗ CLASS D PATCHES (AS DIRECTED BY THE ENGINEER)



PROPOSED TYPICAL SECTION

BELMONT AVENUE
STA 10+72.00 TO STA 13+80.86
(LOOKING EAST)



PROPOSED TYPICAL SECTION

IL83 WESTERN FRONTAGE ROAD
STA 13+80.86 TO STA 38+65.49
(LOOKING NORTH)

* SEE ROADWAY PLAN SHEETS FOR LOCATIONS OF SPOT CURB REMOVAL AND REPLACEMENT. REMAINING LENGTH OF CURB IMPROVEMENTS SHALL BE DETERMINED BY THE ENGINEER

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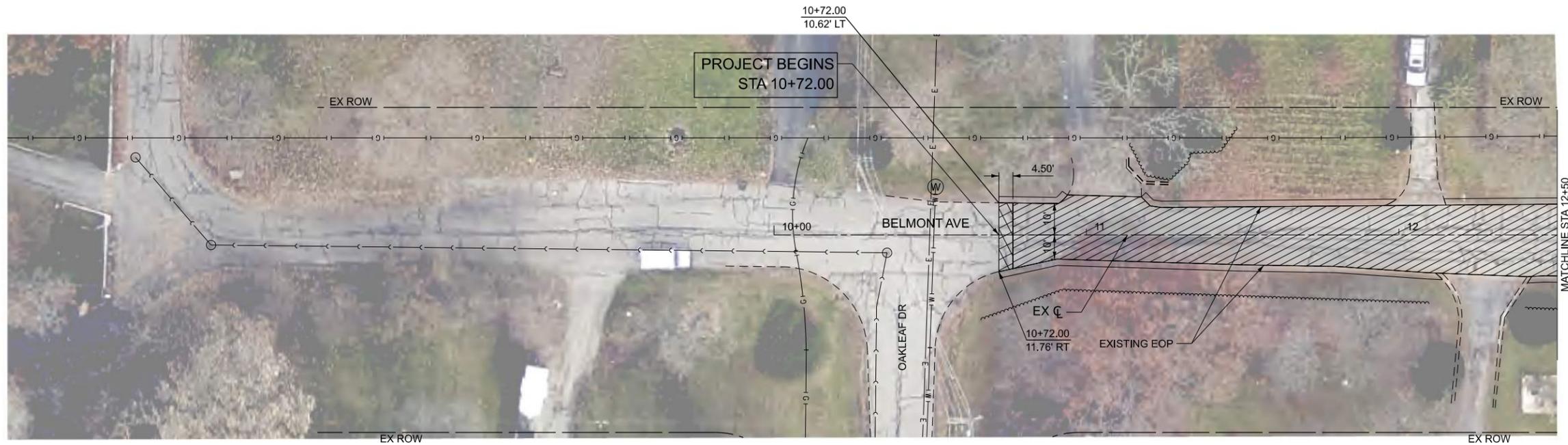
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SHEET 2 OF 2 SHEETS STA. TO STA.

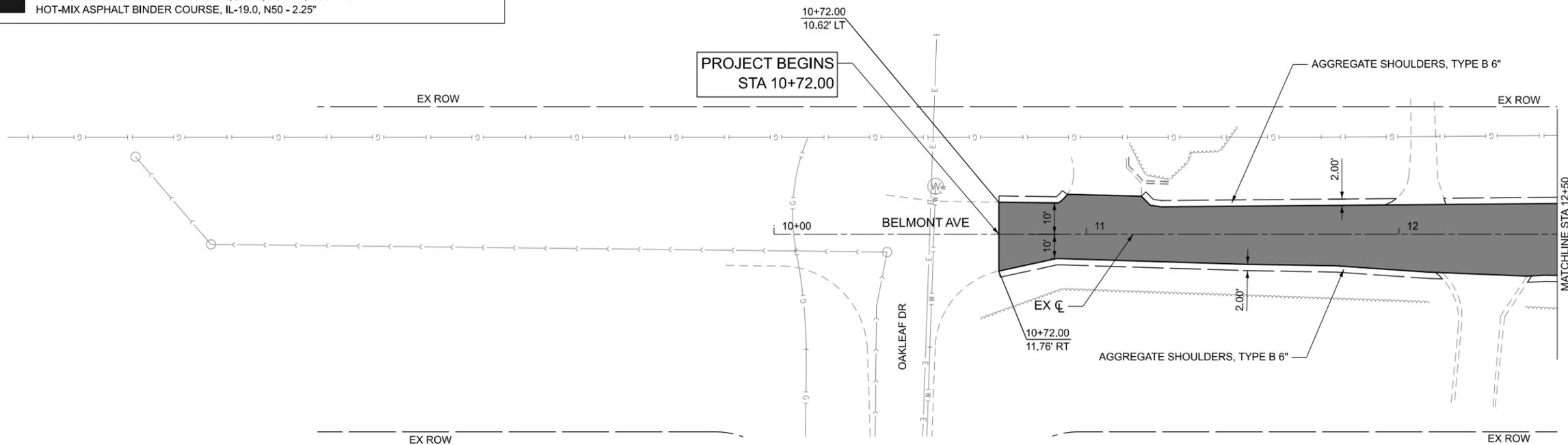
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3367	24-01121-00-PV	DUPAGE	21	8
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND	
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
	HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT



EXISTING

PROPOSED LEGEND	
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" TO 2.25" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1" (SEE PROPOSED TYPICAL SECTION FOR DETAILS OF VARIABLE SURFACE COURSE DEPTH)
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"



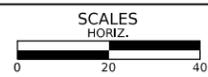
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CHECKED -	RTM	REVISED -	
DATE -	4/21/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ROADWAY PLAN

SHEET 1 OF 6 SHEETS STA. TO STA.

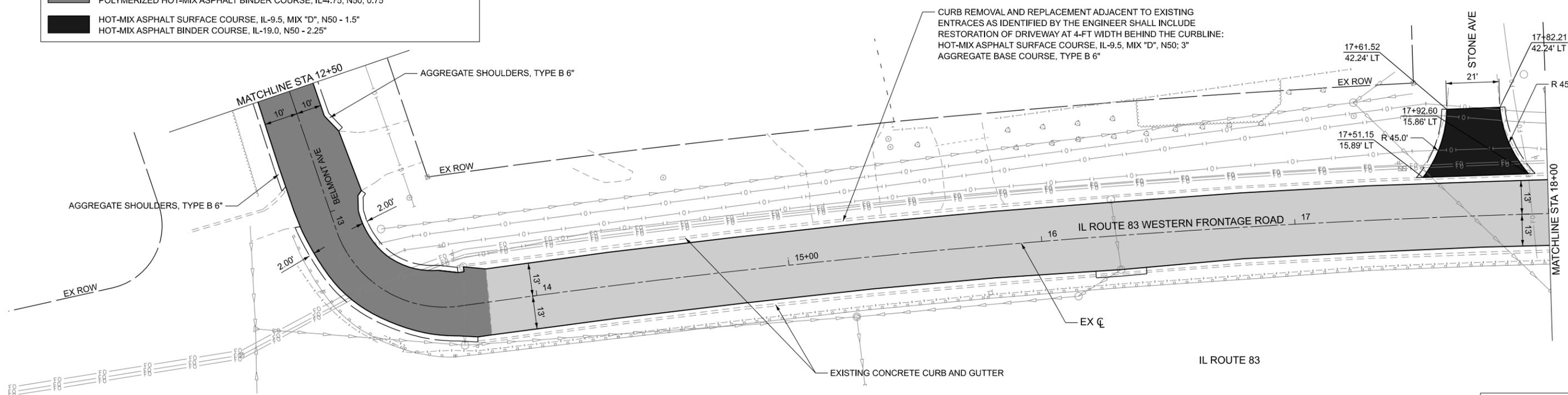
T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	9
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND	
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
	HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT



EXISTING

PROPOSED LEGEND	
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" TO 2.25" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1" (SEE PROPOSED TYPICAL SECTION FOR DETAILS OF VARIABLE SURFACE COURSE DEPTH)
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"



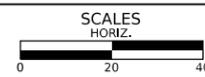
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DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

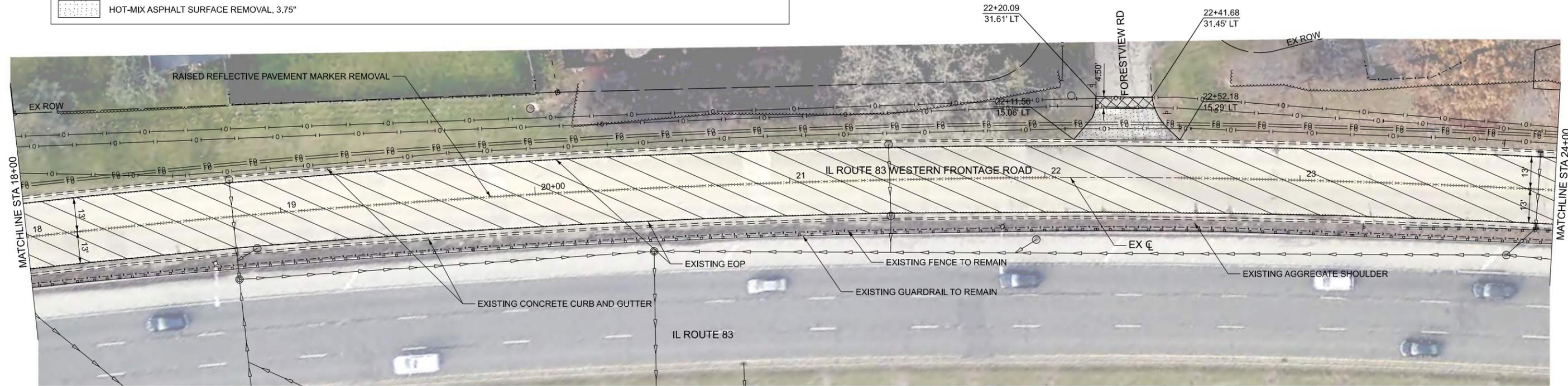


ROADWAY PLAN

SHEET 2 OF 6 SHEETS STA. TO STA.

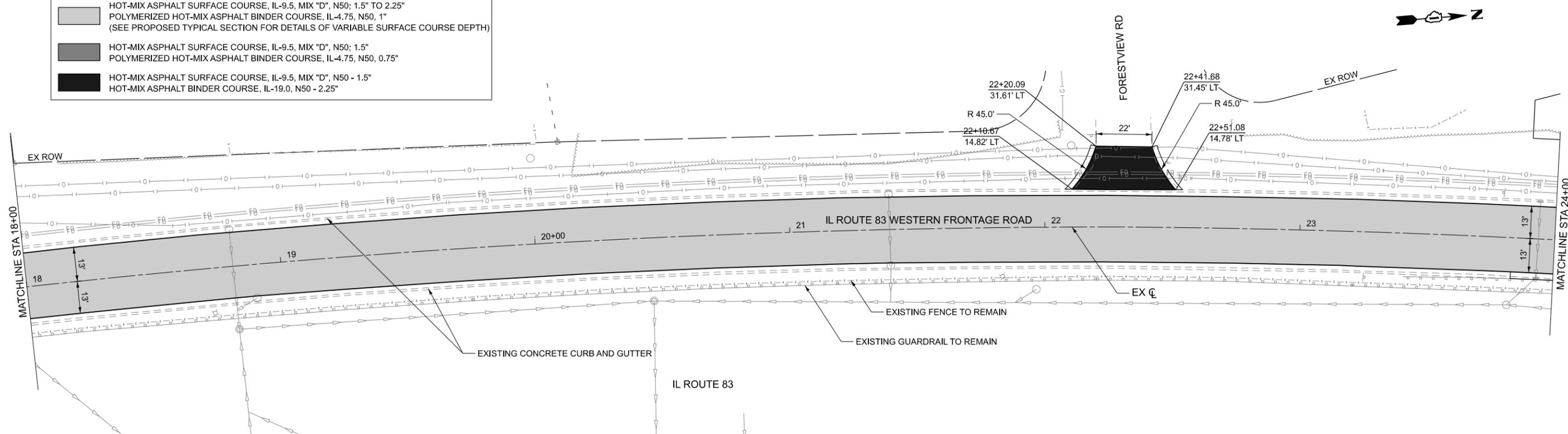
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3367	24-01121-00-PV	DUPAGE	21	10
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND			
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)		HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"		PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT
	HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"		



EXISTING

PROPOSED LEGEND	
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" TO 2.25" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1" (SEE PROPOSED TYPICAL SECTION FOR DETAILS OF VARIABLE SURFACE COURSE DEPTH)
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"



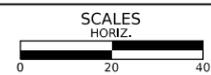
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DATE	4/21/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

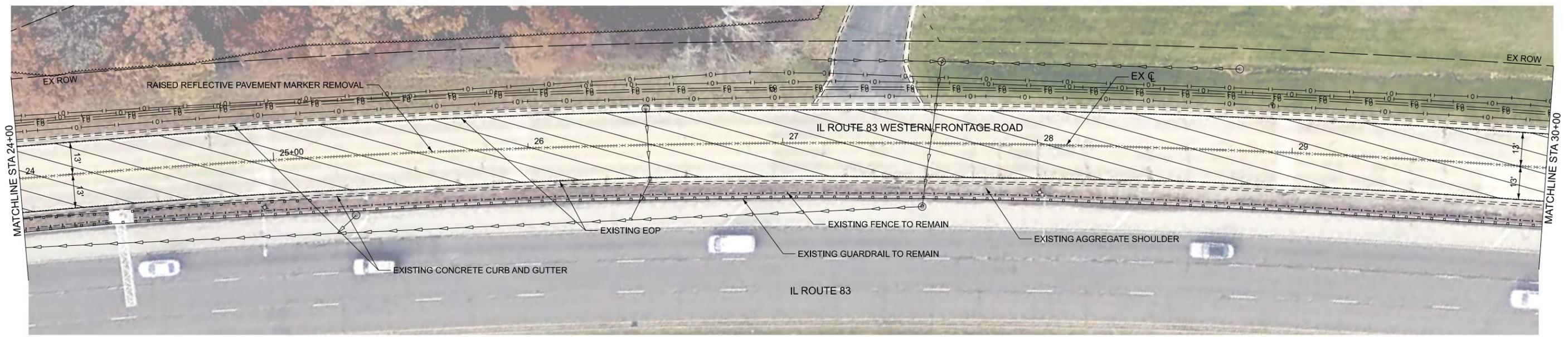
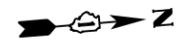


ROADWAY PLAN

SHEET 3 OF 6 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

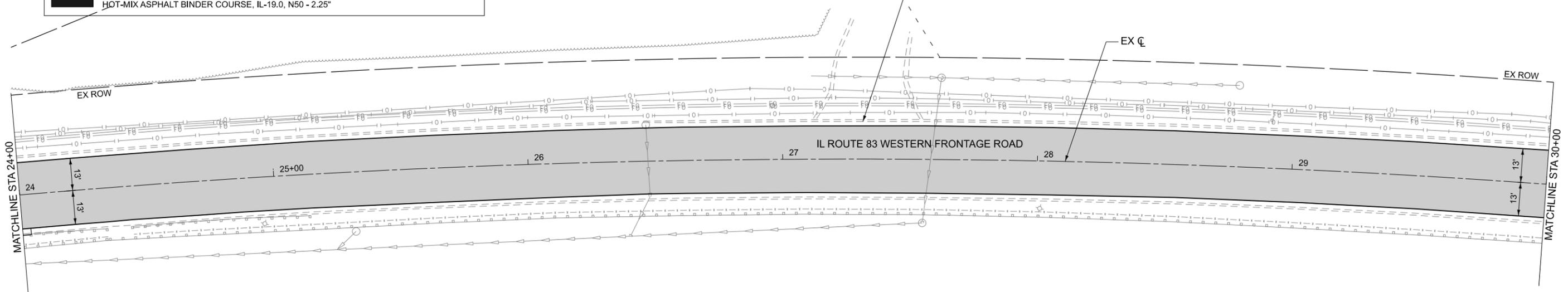
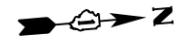
REMOVAL LEGEND	
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
	HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT



EXISTING

PROPOSED LEGEND	
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" TO 2.25" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1" (SEE PROPOSED TYPICAL SECTION FOR DETAILS OF VARIABLE SURFACE COURSE DEPTH)
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"

CURB REMOVAL AND REPLACEMENT ADJACENT TO EXISTING ENTRANCES AS IDENTIFIED BY THE ENGINEER SHALL INCLUDE RESTORATION OF DRIVEWAY AT 4-FT WIDTH BEHIND THE CURBLINE:
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"
AGGREGATE BASE COURSE, TYPE B 6"



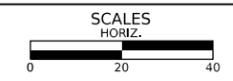
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DATE - 4/21/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

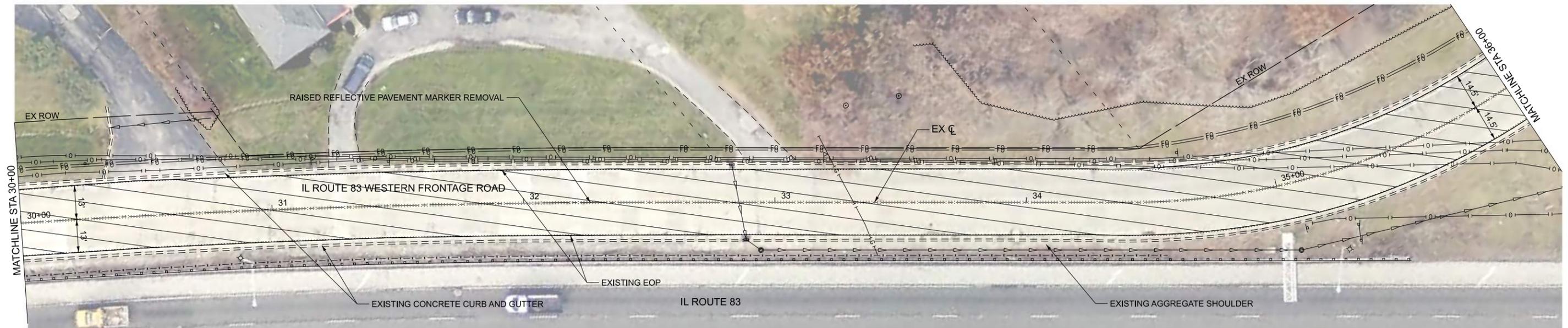


ROADWAY PLAN

SHEET 4 OF 6 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

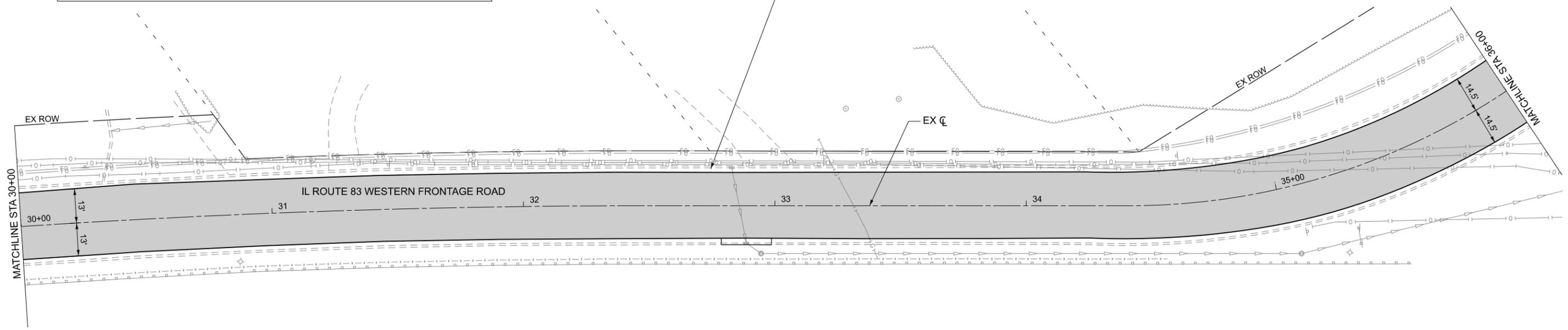
REMOVAL LEGEND	
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
	HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT



EXISTING

PROPOSED LEGEND	
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" TO 2.25" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1" (SEE PROPOSED TYPICAL SECTION FOR DETAILS OF VARIABLE SURFACE COURSE DEPTH)
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"

CURB REMOVAL AND REPLACEMENT ADJACENT TO EXISTING ENTRANCES AS IDENTIFIED BY THE ENGINEER SHALL INCLUDE RESTORATION OF DRIVEWAY AT 4-FT WIDTH BEHIND THE CURBLINE:
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 3"
AGGREGATE BASE COURSE, TYPE B 6"



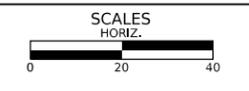
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



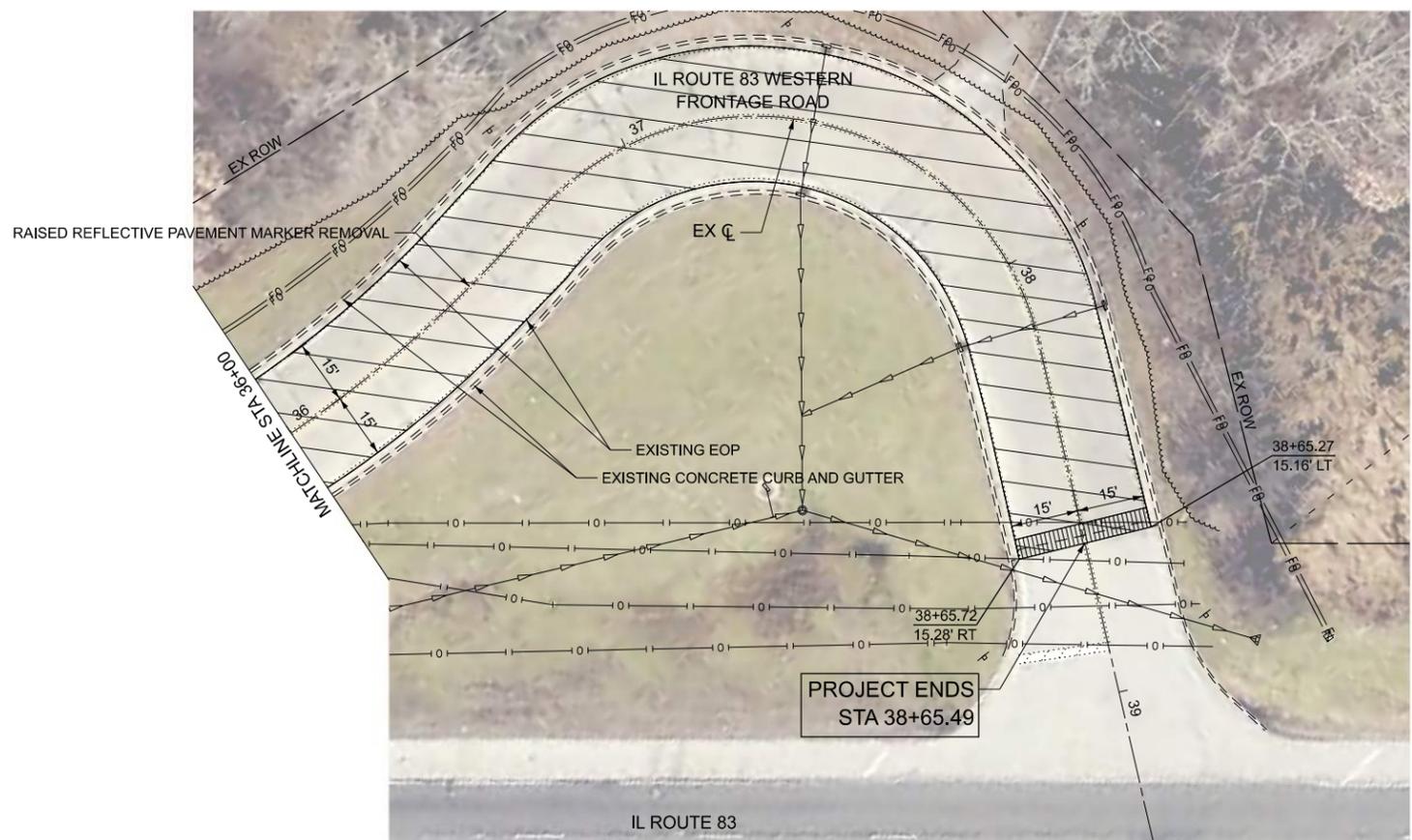
ROADWAY PLAN

SHEET 5 OF 6 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	13
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REMOVAL LEGEND

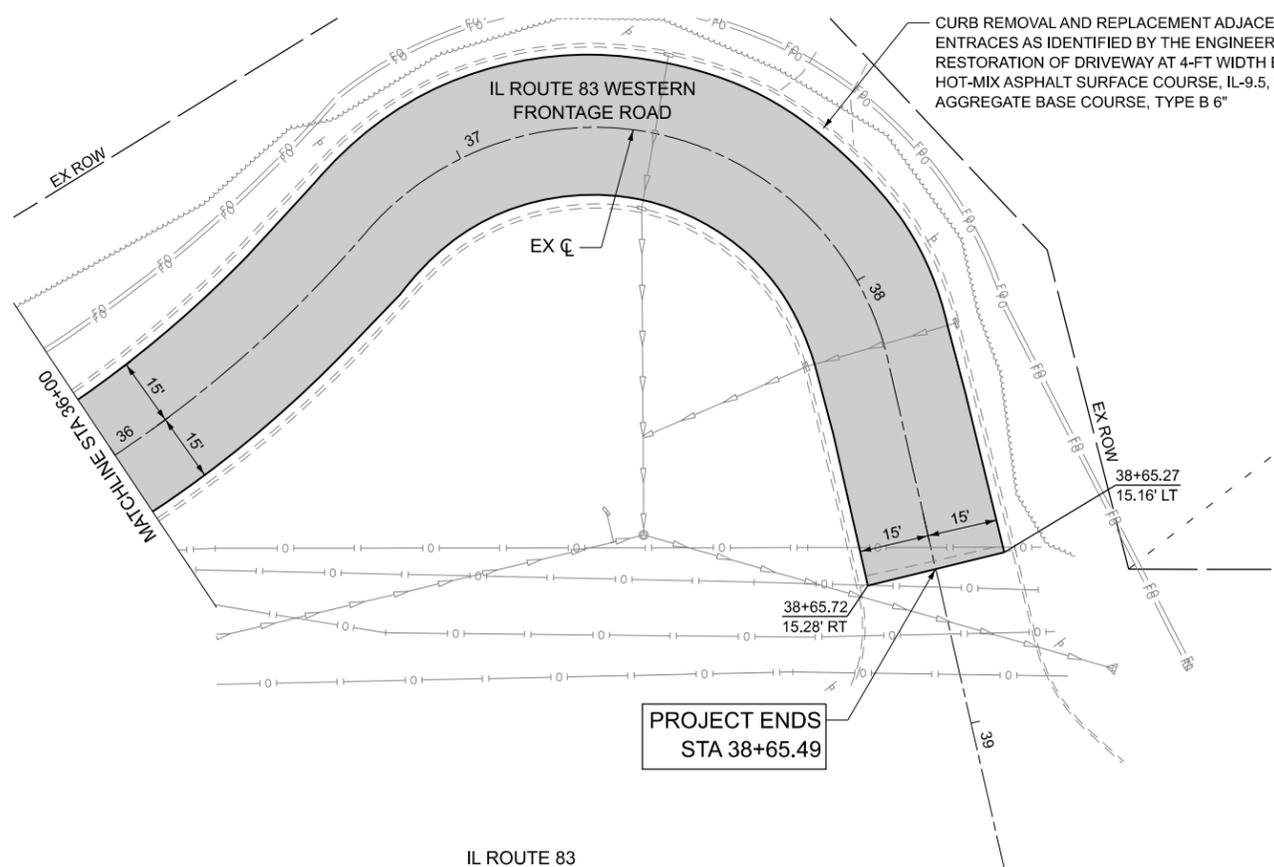
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)
	HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
	HOT-MIX ASPHALT SURFACE REMOVAL, 3.75"
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT



EXISTING

PROPOSED LEGEND

	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5" TO 2.25"
	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1" (SEE PROPOSED TYPICAL SECTION FOR DETAILS OF VARIABLE SURFACE COURSE DEPTH)
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1.5"
	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 0.75"
	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"



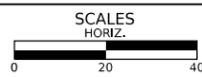
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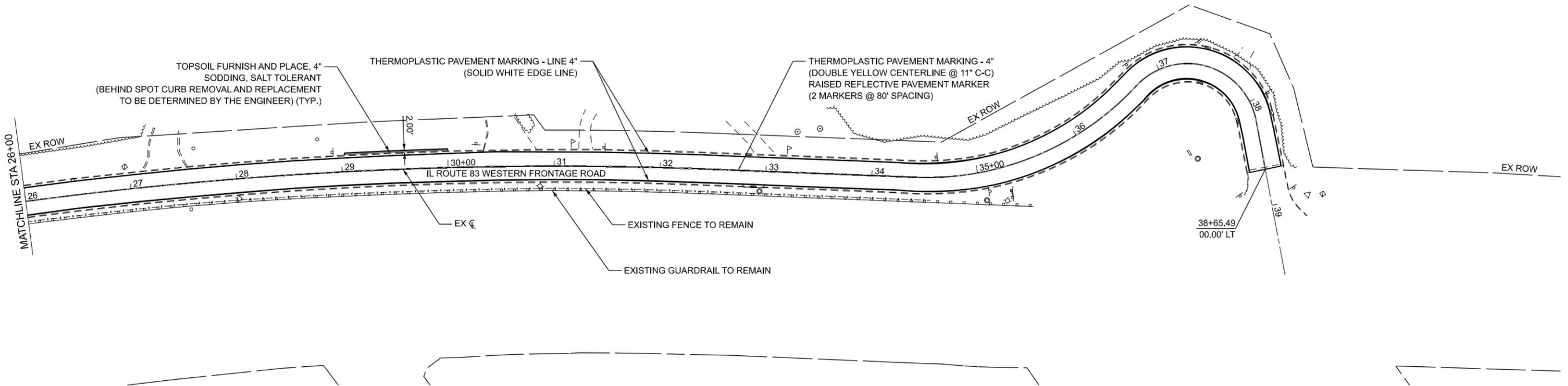
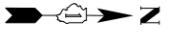
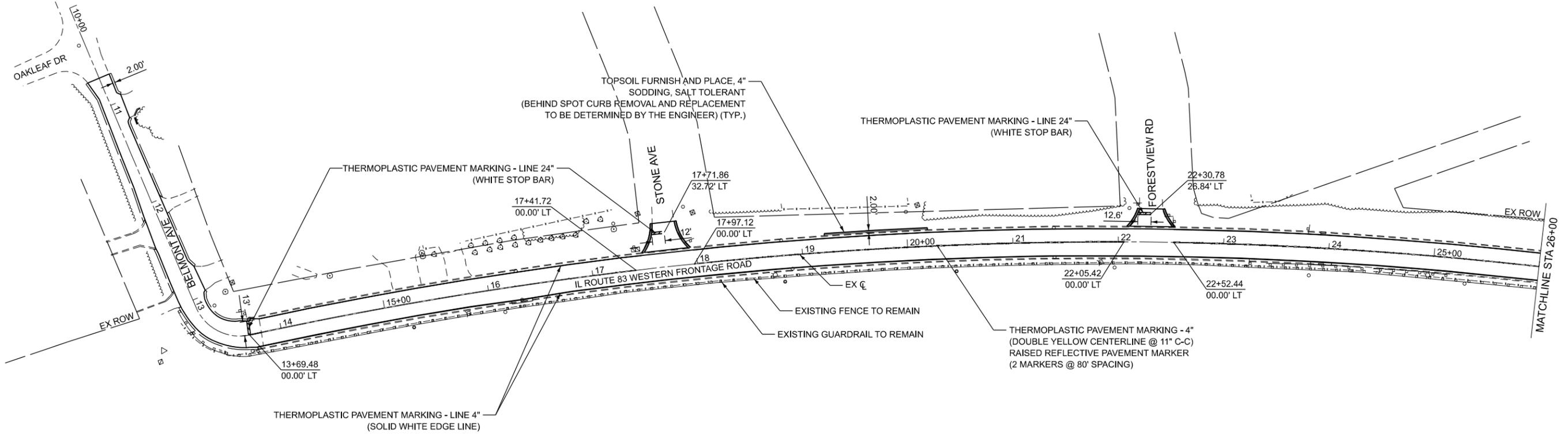
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ROADWAY PLAN

SHEET 6 OF 6 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 61L45	

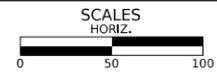


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DATE -	4/21/2025	REVISED -	

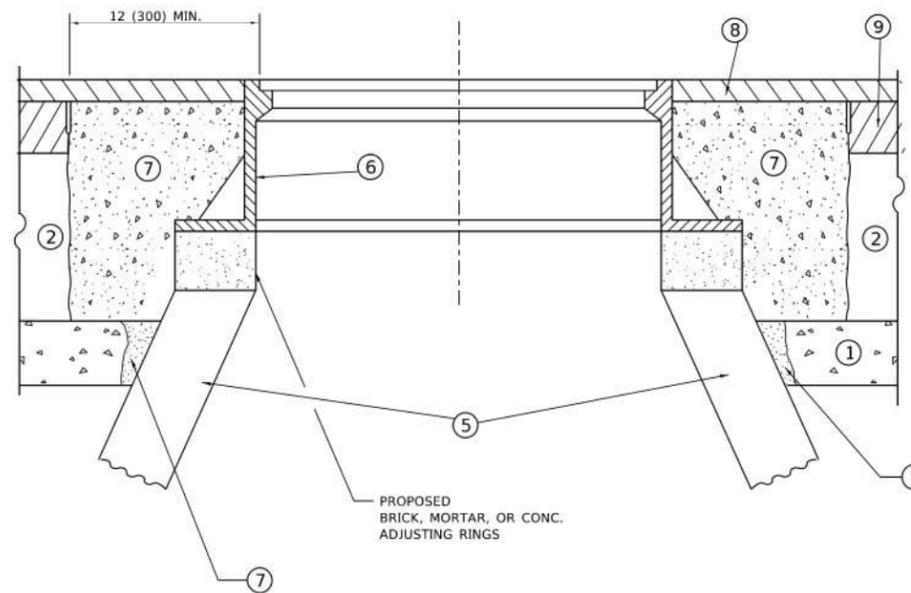
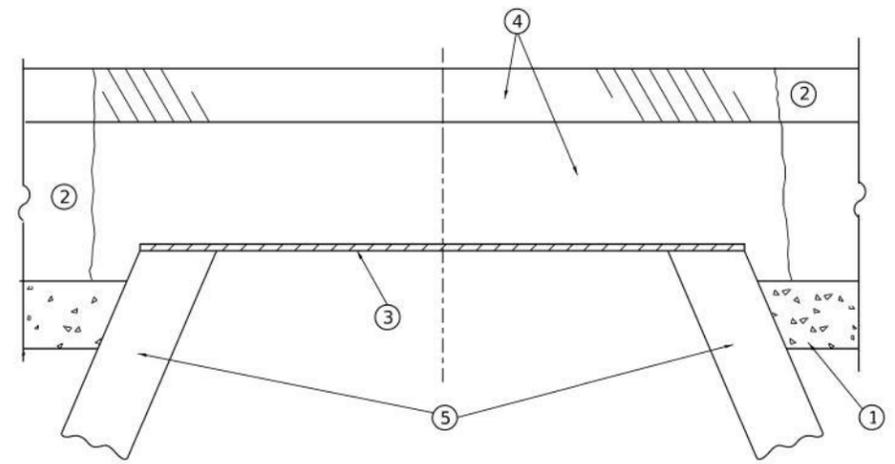
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



**EROSION CONTROL, LANDSCAPING AND
 PAVEMENT MARKINGS PLAN**

SHEET 1 OF 1 SHEETS STA. TO STA.

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	15
CONTRACT NO. 61L45				
FED. ROAD DIST. NO. 1		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 | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

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

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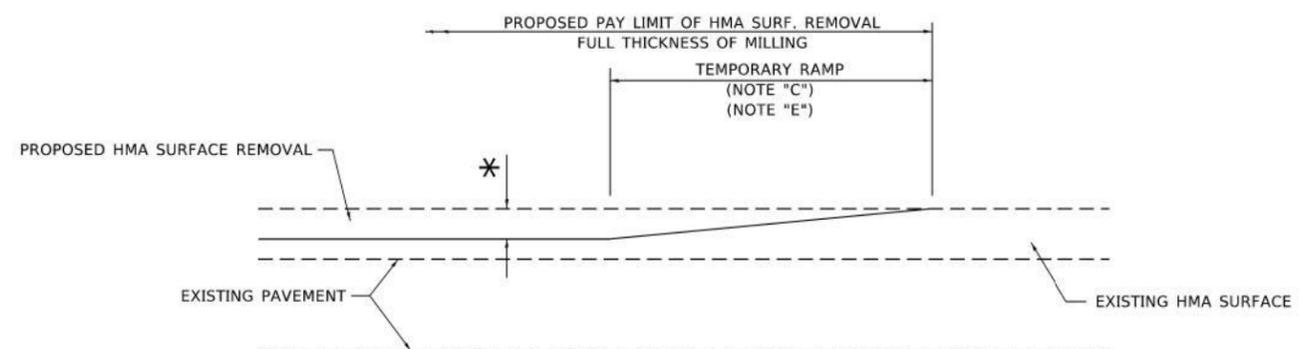
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PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 11-18-22
		REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

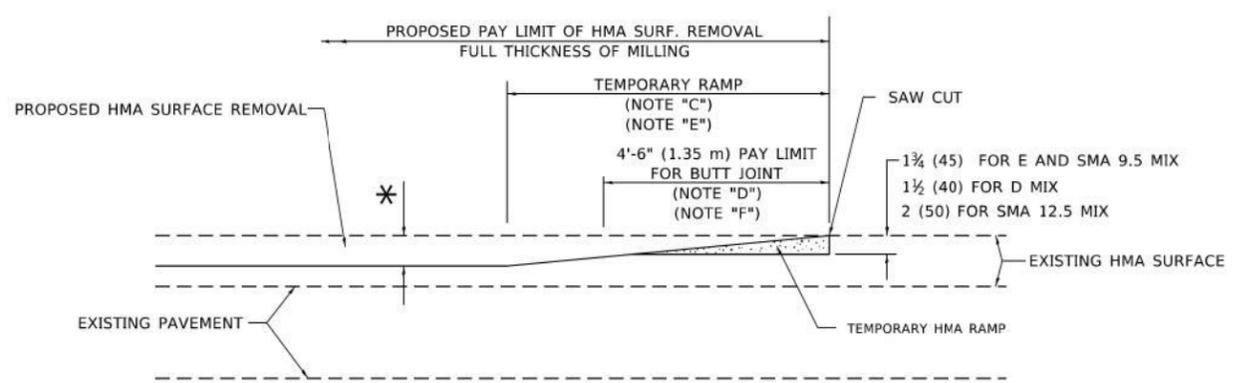
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

M.U.N.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	16
BD600-03 (BD-08)			CONTRACT NO. 61L45	
ILLINOIS FED. AID PROJECT				



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

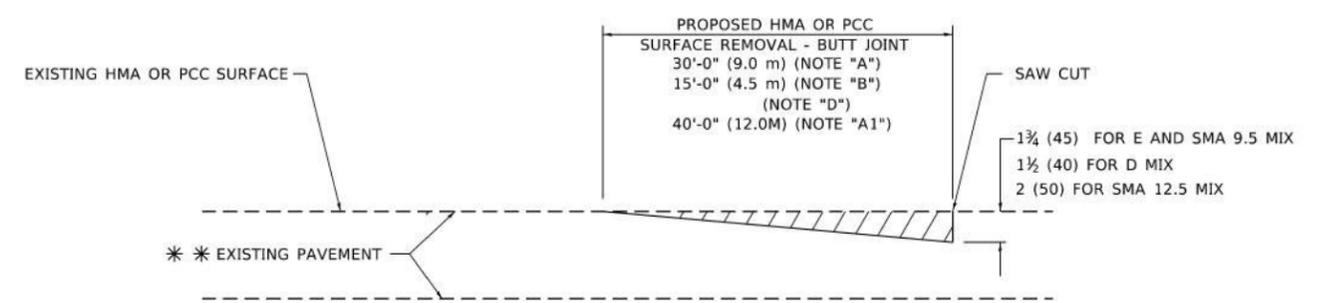
OPTION 1



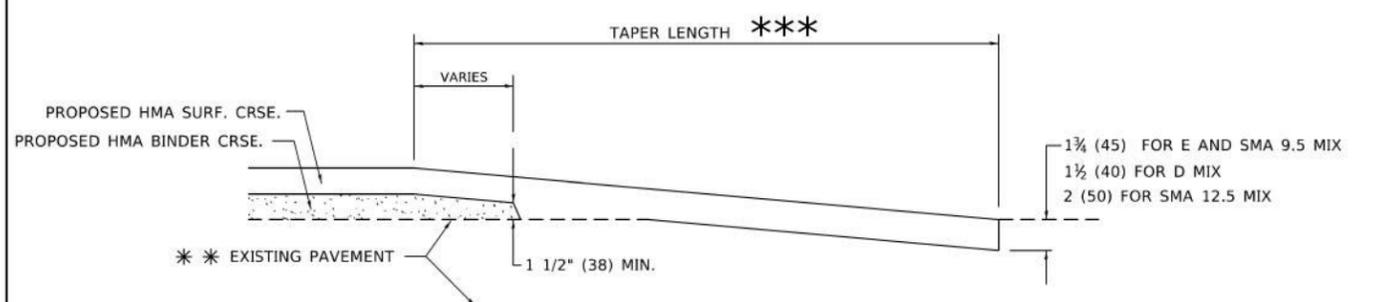
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

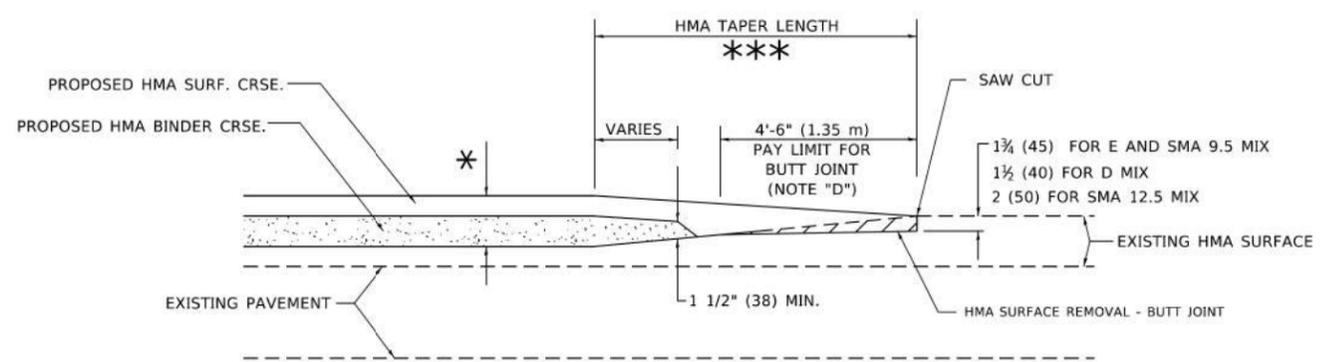
GENERAL NOTES

- 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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

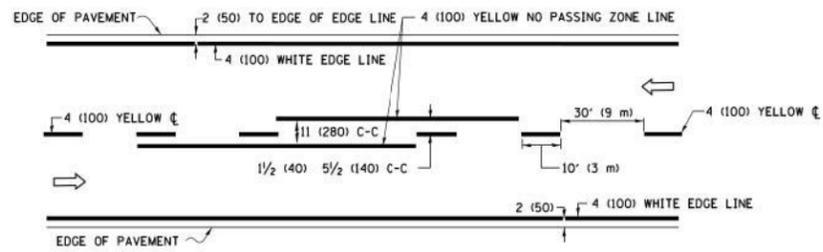
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USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

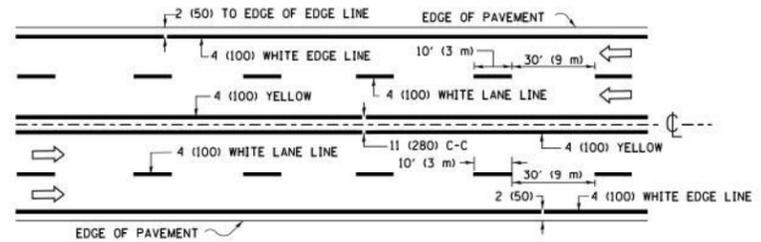
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

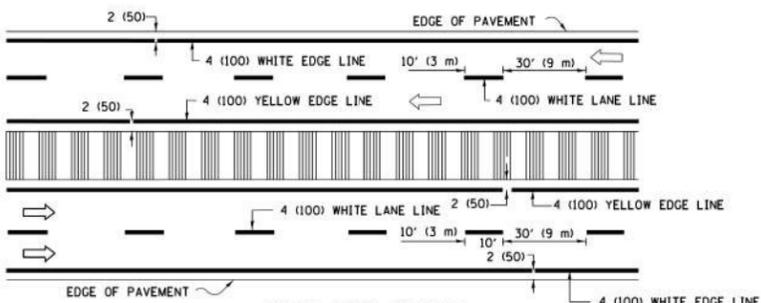
M.U.N.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3367	24-01121-00-PV	DUPAGE	21	17
BD400-05 BD-32		CONTRACT NO. 61L45		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

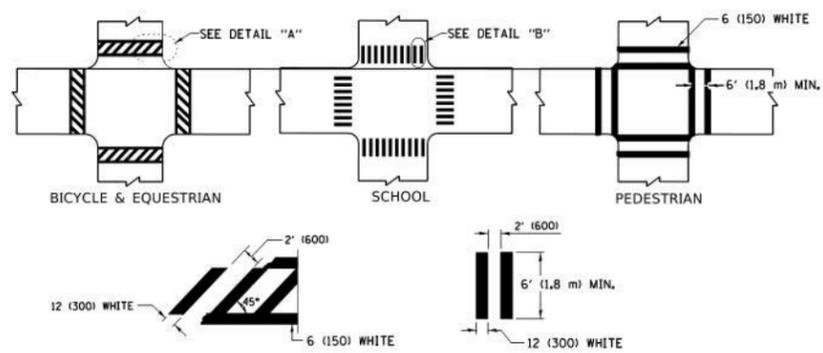


MULTI-LANE UNDIVIDED



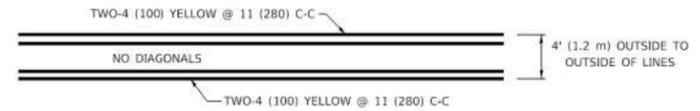
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

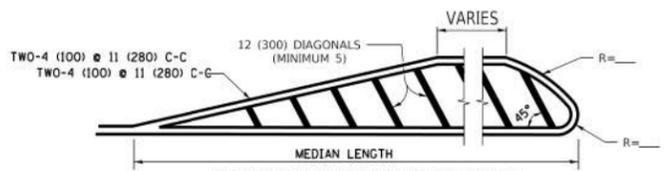


TYPICAL CROSSWALK MARKING

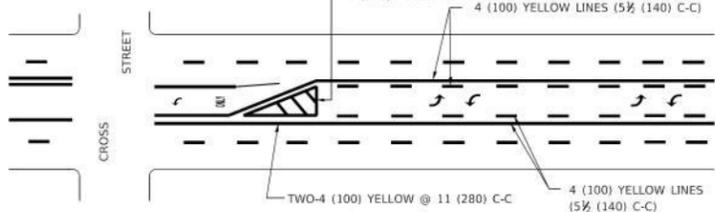
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



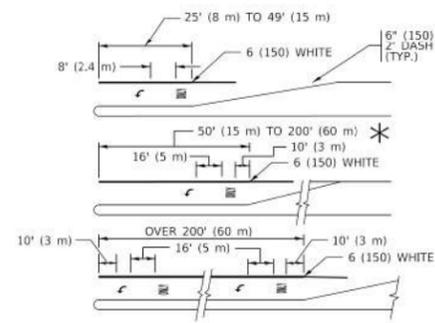
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



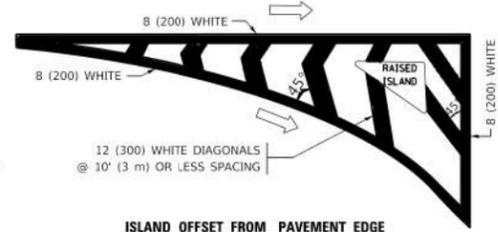
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



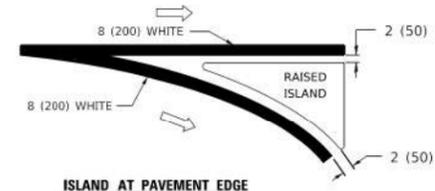
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

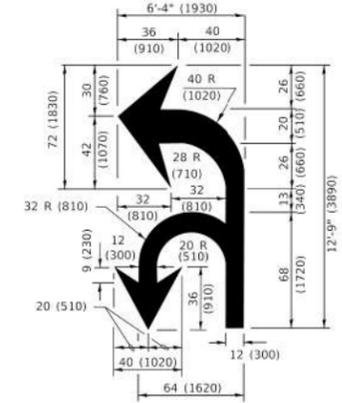
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



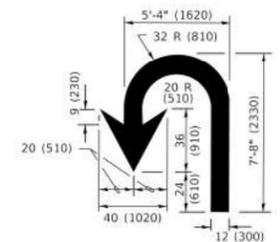
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE 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; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" 15' 6" (3.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ² EACH) "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (22.5 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.

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USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000" / ft.	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE		M.U.N.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		3367	24-01121-00-PV	DUPAGE	21	21
SCALE: NONE		TC-13		CONTRACT NO. 61L45		
SHEET 1 OF 2 SHEETS		ILLINOIS		FED. AID PROJECT		