06-13-2025 LETTING ITEM 196

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS *	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	1
	ILLINOIS	CONTRACT NO. 62P73		

* 230 + 1 = 231 TOTAL SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

LOCATION 1: FAP ROUTE 334: US 12 (RAND ROAD) ILLINOIS ROUTE 59 TO SOUTH OF OLD RAND ROAD AND AT CASE ROAD
LOCATION 2: FAP ROUTE 335: IL RTE 176 (LIBERTY STREET) WEST OF IVANHOE ROAD TO WEST OF HAWLEY STREET
SECTION: 2024–1053–RS&N,SR,RS
PROJECT: HSIP–NHPP–AQR6(252)
SMART OVERLAY, SHOULDERS, RUMBLE STRIPS, AND CHANNELIZATION
LAKE COUNTY

D-91-041-22

LOCATION OF SECTION INDICATED THUS:–

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE VILLAGES OF FOX LAKE, VOLO, LAKEMOOR, WAUCONDA, AND MUNDELEIN

US 12 (RAND ROAD): IL 59 TO SOUTH OF OLD RAND ROAD
POSTED SPEED LIMIT = 55 MPH
2023 ADT = 36,400
DESIGN DESIGNATION = OTHER PRINCIPAL ARTERIAL

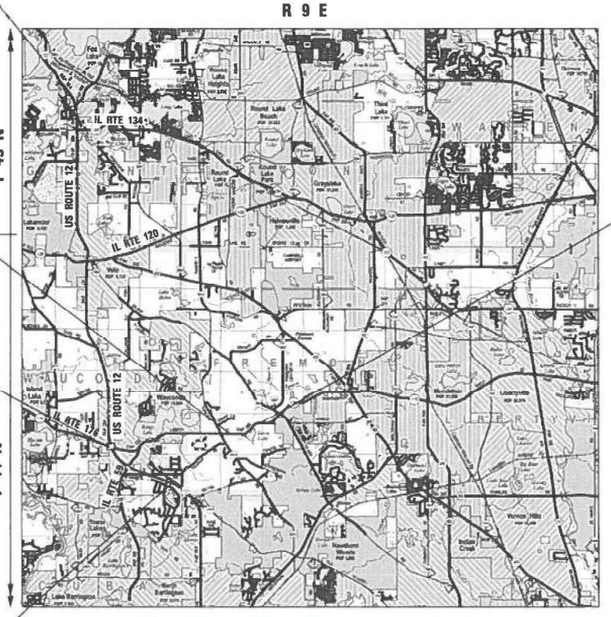
IL 76: WEST OF IVANHOE ROAD TO WEST OF HAWLEY ROAD
POSTED SPEED LIMIT = 55 MPH
2023 ADT = 16,200
DESIGN DESIGNATION = OTHER PRINCIPAL ARTERIAL

C–91–037–22

R 9 E

T 45 N

T 44 N



N

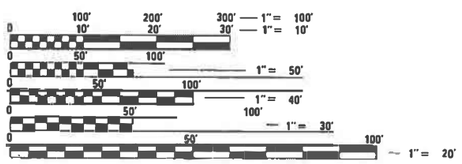
LOCATION 1: PROJECT ENDS STA. 728 + 45.00

LOCATION 2: PROJECT BEGINS STA. 12 + 96.10

LOCATION 1: BRIDGE OMISSION (STA. 278 + 16 to STA. 280 + 04.3)

LOCATION 1: PROJECT BEGINS STA. 177 + 90.00

LOCATION 2: PROJECT ENDS STA. 50 + 35.71



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 EXCAVATORS
1–800–892–0123
OR 811

GRANT, WAUCONDA, AND FREMONT TOWNSHIPS

LOCATION 1:
GROSS & NET LENGTH = 55,055 FT. = 10.43 MILE
OMISSION LENGTH = 188.3 FT. = 0.04 MILE
NET LENGTH = 54,866.7 FT. = 10.39 MILE

LOCATION 2:
GROSS & NET LENGTH = 3,739.61 FT. = 0.71 MILE

LICENSED PROFESSIONAL ENGINEER RYAN MATTHEW SIKES 062-068663 OF ILLINOIS

LICENSE EXPIRES: 11-30-2025
SHEETS 1-18, 20-66, 69-230

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 17 20 25
REGIONAL ENGINEER

May 9 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

May 9 20 25
DIRECTOR OF HIGHWAYS, PROJECT IMPLEMENTATION

DISTRICT 1
PROJECT ENGINEER: DAN WILGREEN, P.E. (847) 705–4240
PROJECT MANAGER: J. ALAIN MIDY, P.E. (847) 221–3056

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

CONTRACT NO. 62P73

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

INDEX OF SHEETS

GEOTECHNICAL NOTES

1. 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.

2. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

3. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
601001-05	PIPE UNDERDRAINS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTER
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
630001-13	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC-HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL TYPE 2
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS => 45 MPH
701421-08	LANE CLOSURE MULTILANE DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, FOR SPEEDS >= 45 MPH TO 55 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-10	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)

2. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

3. THE CONTRACTOR SHALL CONTACT DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.

5. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKINGS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

6. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW OF CURB OR DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY.

7. THE CONTRACTOR SHALL BE USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED INCLUDING PREVIOUSLY SEEDED AREAS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSIVE TO THE SATISFACTION OF THE ENGINEER.

8. THE RESIDENT ENGINEER SHALL CONTACT BRANDY KENNEDY, AREA TRAFFIC FIELD ENGINEER, VIA EMAIL AT BRANDY.KENNEDY@ILLINOIS.GOV, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

9. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM TO CONTINUOUSLY MONITOR FOR WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL LOCATIONS. SEE SPECIAL PROVISION AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.

10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

11. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

12. DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT AT A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN OR EQUAL TO 12" WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT.

13. THE CONTRACTOR SHALL ESTABLISH AN OVERNIGHT TEMPORARY WORK ZONE SPEED LIMIT REDUCTION FROM 55 MPH TO 45 MPH USING ADVANCE "SPEED LIMIT 45" REDUCTION WARNING (W3-5(0)-48) SIGNS, WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLIES AND "END WORK ZONE SPEED LIMIT" SIGNS PER HIGHWAY STANDARD 701421 AND ARTICLE 701.14 (B) FOR PROJECT LOCATIONS WHERE SHOULDER EXCAVATION WITH BARRICADES WILL REMAIN OVERNIGHT. THE ADVANCE "SPEED LIMIT 45" REDUCTION WARNING (W3-5(0)-48) SIGNS SHALL BE INSTALLED 500' PRIOR TO THE INITIAL WORK ZONE SPEED LIMIT 45 SIGNS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

14. SPEED DISPLAY TRAILERS SHALL BE INSTALLED A MAXIMUM OF 100' DOWNSTREAM FROM THE INITIAL WORK ZONE SPEED LIMIT SIGN ASSEMBLY SHOWN IN HIGHWAY STANDARD 701421 AND DELINEATED WITH THREE (3) TYPE II BARRICADES, DRUMS, OR VERTICAL BARRICADES AT 25' CENTERS.

15. ALL MILLED SURFACES SHALL BE AT A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO DEPARTMENT

16. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 ½ INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH

	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 90% FED 10% STATE SHOULDER RUMBLE STRIPS (US RTE 12)	0021 90% FED 10% STATE LT TURN LANE (US RTE 12 @ CASE RD)	0005 80% FED 20% STATE SMART OVERLAY	0021 100% STATE DRAINAGE STRUCTURE & STORM SEWER CLEANING	0021 90% FED 10% STATE RUMBLE STRIPS (IL RTE 176)	
	20200100	EARTH EXCAVATION	CU YD	39,990	39,455	535				
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	6,490	6,490					
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	14,610	14,610					
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SY YD	4,761	4,705	56				
	25000210	SEEDING, CLASS 2A	ACRE	1	0.99	0.01				
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	60	60					
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	60	60					
	25100630	EROSION CONTROL BLANKET	SQ YD	4,761	4,705	56				
	28000500	INLET AND PIPE PROTECTION	EACH	46	46					
	28000510	INLET FILTERS	EACH	20	20					
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	7,780	7,780					
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	63,248	62,432	816				
	31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	4,011	3,980	31				
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	232	232					

* SPECIALTY ITEM

	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 90% FED 10% STATE SHOULDER RUMBLE STRIPS (US RTE 12)	0021 90% FED 10% STATE LT TURN LANE (US RTE 12 @ CASE RD)	0005 80% FED 20% STATE SMART OVERLAY	0021 100% STATE DRAINAGE STRUCTURE & STORM SEWER CLEANING	0021 90% FED 10% STATE RUMBLE STRIPS (IL RTE 176)	
	35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	883	883					
	35501323	HOT-MIX ASPHALT BASE COURSE, 9 3/4"	SQ YD	556		556				
	35600701	HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/4"	SQ YD	50,344	50,149	195				
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	114,524	112,834	1,690				
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	71,057	22,568	588	47,901			
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	96,405			96,405			
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	200			200			
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	542			542			
	40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	2,520			2,520			
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	122	122					
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	235	235					
	40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	25,640	4,700	75	20,865			
	44000100	PAVEMENT REMOVAL	SQ YD	12,767	12,702	65				
	44000156	HOT-MIX ASPHALT SURFACE REMOVAL,1 3/4"	SQ YD	212,893			212,893			
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,084	1,084					

* SPECIALTY ITEM

MODEL: SOQ - Table Sheet 2 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhil\Projects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-soq.dgn

WBK ENGINEERING
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(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 2 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	4

CONTRACT NO. 62P73
ILLINOIS | FED. AID PROJECT

REV-SEP

	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 90% FED 10% STATE SHOULDER RUMBLE STRIPS (US RTE 12)	0021 90% FED 10% STATE LT TURN LANE (US RTE 12 @ CASE RD)	0005 80% FED 20% STATE SMART OVERLAY	0021 100% STATE DRAINAGE STRUCTURE & STORM SEWER CLEANING	0021 90% FED 10% STATE RUMBLE STRIPS (IL RTE 176)	
	44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SQ YD	15,000			15,000			
	44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	1,000			1,000			
	44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	2,000			2,000			
	44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	2,500			2,500			
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	10,199	10,098	101				
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	323	321	2				
	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	6,460	6,420	40				
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	114,565	113,980	585				
*	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	325	325					
*	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2					
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2					
	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	124,835	117,866				6,969	
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	9,998	9,864	134				
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10					

* SPECIALTY ITEM

MODEL: SOQ - Table Sheet 3 [Sheet]
FILE NAME: Z:\2023\23231 PTB210-002_VarPhil\Projects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sh-soq.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 3 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	5

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 90% FED 10% STATE SHOULDER RUMBLE STRIPS (US RTE 12)	0021 90% FED 10% STATE LT TURN LANE (US RTE 12 @ CASE RD)	0005 80% FED 20% STATE SMART OVERLAY	0021 100% STATE DRAINAGE STRUCTURE & STORM SEWER CLEANING	0021 90% FED 10% STATE RUMBLE STRIPS (IL RTE 176)	
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	80	80					
	67100100	MOBILIZATION	L SUM	1	1					
	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1					1	
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1					1	
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1					1	
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	60					
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	55,401	55,401					
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	18,467	18,467					
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	5,046	5,046					
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	310,704	310,704					
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	24,518	24,662					
	70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	7,124	7,124					

* SPECIALTY ITEM

MODEL: SOQ - Table Sheet 4 [Sheet]
FILE NAME: Z:\2023\23231 PTB210-002_VarPhil\Projects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sh-soq.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SUMMARY OF QUANTITIES

SCALE: NTS | SHEET 4 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	6

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 90% FED 10% STATE SHOULDER RUMBLE STRIPS (US RTE 12)	0021 90% FED 10% STATE LT TURN LANE (US RTE 12 @ CASE RD)	0005 80% FED 20% STATE SMART OVERLAY	0021 100% STATE DRAINAGE STRUCTURE & STORM SEWER CLEANING	0021 90% FED 10% STATE RUMBLE STRIPS (IL RTE 176)	
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	4,256	4,256					
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	984	984					
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2					
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,523	2,420	103				
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	155,352	155,352					
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	12,331	12,331					
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	3,562	3,562					
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,128	2,128					
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	492	492					
*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	7,383					7,383	
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3,947	3,757				190	
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	9	9					
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	4,137	3,947				190	
	X2020110	GRADING AND SHAPING SHOULDERS	UNIT	1,476	1,472	4				

* SPECIALTY ITEM

MODEL: SOQ - Table Sheet 5 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhil\Projects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-soq.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SUMMARY OF QUANTITIES

SCALE: 1"=1'-0" | SHEET 5 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	7

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

REV-SEP

	SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 90% FED 10% STATE SHOULDER RUMBLE STRIPS (US RTE 12)	0021 90% FED 10% STATE LT TURN LANE (US RTE 12 @ CASE RD)	0005 80% FED 20% STATE SMART OVERLAY	0021 100% STATE DRAINAGE STRUCTURE & STORM SEWER CLEANING	0021 90% FED 10% STATE RUMBLE STRIPS (IL RTE 176)	
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	50	50					
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	50	50					
	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	885				885		
	X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	1			1			
	X6420114	CENTER LINE - RUMBLE STRIP - 16"	FOOT	3,681					3,681	
	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	16	16					
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					
	X7010240	TRAFFIC CONTROL SURVEILLANCE (SPECIAL)	CAL DA	80	80					
	X7010410	SPEED DISPLAY TRAILER	CAL MO	16	16					
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	925.2	873.8				51.4	
*	X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	7,363					7,363	
*	X8860105	DETECTOR LOOP REPLACEMENT	FOOT	1,917	1,917					
	X6026800	INLET TO BE RECONSTRUCTED (SPECIAL)	EACH	1		1				
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	59				59		
Ø	Z0076600	TRAINEES	HOUR	500	500					
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500					

* SPECIALTY ITEM

Ø 0042

MODEL: SOQ - Table Sheet 6 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhillProjects\WO1 62P73-US12-RandRdIoIL59\09-CADD\3_Sheets\D162P73-sht-soq.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SUMMARY OF QUANTITIES

SCALE: 1"=1'-0" | SHEET 6 OF 6 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	8

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

EARTHWORK SCHEDULE

	END AREAS		20200100 EARTH EXCAVATION	EMBANKMENT	(ADJUSTED FOR SHRINKAGE - 15%)	SURPLUS
	(SQ. FT.)		(CU. YD.)	(CU. YD.)	(CU. YD.)	(CU. YD.)
Station	CUT	FILL				
177+90.02	6.29	0.00				
178+00.00	6.94	0.00	2.4	0.0	0.0	2.4
179+00.00	36.46	0.48	80.4	0.9	1.0	79.4
180+00.00	41.26	0.20	143.9	1.3	1.4	142.5
181+00.00	41.00	0.65	152.3	1.6	1.8	150.5
182+00.00	39.96	2.84	149.9	6.5	7.4	142.5
183+00.00	40.41	0.10	148.8	5.4	6.3	142.6
184+00.00	40.48	0.77	149.8	1.6	1.9	148.0
185+00.00	40.89	0.64	150.7	2.6	3.0	147.7
186+00.00	34.23	0.47	139.1	2.1	2.4	136.7
187+00.00	40.83	0.16	139.0	1.2	1.3	137.7
188+00.00	29.12	0.38	129.5	1.0	1.2	128.4
189+00.00	34.67	0.00	118.1	0.7	0.8	117.3
190+00.00	21.74	0.00	104.5	0.0	0.0	104.5
191+00.00	21.12	0.00	79.4	0.0	0.0	79.4
192+00.00	22.67	0.00	81.1	0.0	0.0	81.1
193+00.00	0.00	0.00	42.0	0.0	0.0	42.0
194+00.00	31.97	0.00	59.2	0.0	0.0	59.2
195+00.00	42.12	0.00	137.2	0.0	0.0	137.2
196+00.00	41.48	0.00	154.8	0.0	0.0	154.8
197+00.00	49.85	0.00	169.1	0.0	0.0	169.1
198+00.00	41.79	0.00	169.7	0.0	0.0	169.7
199+00.00	41.64	0.00	154.5	0.0	0.0	154.5
200+00.00	42.41	0.00	155.7	0.0	0.0	155.7
201+00.00	42.04	0.00	156.4	0.0	0.0	156.4
202+00.00	42.22	0.00	156.0	0.0	0.0	156.0
203+00.00	41.50	0.00	155.0	0.0	0.0	155.0
204+00.00	41.67	0.00	154.0	0.0	0.0	154.0
205+00.00	42.05	0.00	155.0	0.0	0.0	155.0
206+00.00	41.17	0.00	154.1	0.0	0.0	154.1
207+00.00	41.56	0.00	153.2	0.0	0.0	153.2
208+00.00	40.93	0.00	152.8	0.0	0.0	152.8
209+00.00	40.63	2.07	151.0	3.8	4.4	146.6
210+00.00	40.56	0.02	150.4	3.9	4.5	145.9
211+00.00	40.91	0.00	150.9	0.0	0.0	150.8
212+00.00	42.00	0.00	153.5	0.0	0.0	153.5
213+00.00	43.18	0.14	157.7	0.3	0.3	157.4
214+00.00	11.54	0.00	101.3	0.3	0.3	101.0
215+00.00	0.00	0.00	21.4	0.0	0.0	21.4
216+00.00	0.00	0.00	0.0	0.0	0.0	0.0
217+00.00	0.00	0.00	0.0	0.0	0.0	0.0
218+00.00	0.00	0.00	0.0	0.0	0.0	0.0
219+00.00	0.00	0.00	0.0	0.0	0.0	0.0
220+00.00	19.83	0.00	36.7	0.0	0.0	36.7
221+00.00	19.67	0.00	73.1	0.0	0.0	73.1
222+00.00	19.52	0.00	72.6	0.0	0.0	72.6
223+00.00	14.63	1.60	63.2	3.0	3.4	59.8
224+00.00	27.82	1.57	78.6	5.9	6.7	71.9
225+00.00	27.02	0.00	101.6	2.9	3.3	98.2
226+00.00	36.65	0.95	117.9	1.8	2.0	115.9
227+00.00	35.80	4.11	134.2	9.4	10.8	123.4
228+00.00	43.25	0.00	146.4	7.6	8.8	137.6
229+00.00	14.84	1.55	107.6	2.9	3.3	104.3
230+00.00	27.25	0.09	77.9	3.0	3.5	74.4
231+00.00	28.67	0.00	103.6	0.2	0.2	103.4
232+00.00	30.26	0.00	109.1	0.0	0.0	109.1
233+00.00	37.08	0.00	124.7	0.0	0.0	124.7
234+00.00	28.66	0.00	121.7	0.0	0.0	121.7
235+00.00	40.15	0.00	127.4	0.0	0.0	127.4
236+00.00	40.41	0.00	149.2	0.0	0.0	149.2
237+00.00	41.89	0.00	152.4	0.0	0.0	152.4
238+00.00	43.35	0.00	157.9	0.0	0.0	157.9
239+00.00	30.79	0.00	137.3	0.0	0.0	137.3
240+00.00	31.39	0.00	115.1	0.0	0.0	115.1
241+00.00	22.53	0.00	99.8	0.0	0.0	99.8
242+00.00	9.03	0.00	58.4	0.0	0.0	58.4
243+00.00	10.94	0.00	37.0	0.0	0.0	37.0
244+00.00	10.60	0.00	39.9	0.0	0.0	39.9
245+00.00	11.00	0.00	40.0	0.0	0.0	40.0
246+00.00	25.19	0.00	67.0	0.0	0.0	67.0
247+00.00	23.59	0.00	90.3	0.0	0.0	90.3
248+00.00	24.93	0.00	89.8	0.0	0.0	89.8
249+00.00	21.41	0.00	85.8	0.0	0.0	85.8
250+00.00	21.04	0.00	78.6	0.0	0.0	78.6
251+00.00	21.21	0.00	78.2	0.0	0.0	78.2
252+00.00	32.87	0.00	100.1	0.0	0.0	100.1
253+00.00	48.09	0.00	149.9	0.0	0.0	149.9
254+00.00	43.67	0.00	169.9	0.0	0.0	169.9
255+00.00	31.30	11.76	138.8	21.8	25.0	113.8
256+00.00	32.33	11.40	117.8	42.9	49.3	68.5
257+00.00	30.28	11.05	115.9	41.6	47.8	68.1
258+00.00	31.12	10.38	113.7	39.7	45.7	68.0
259+00.00	32.53	10.27	117.9	38.2	44.0	73.9
260+00.00	37.81	9.89	130.2	37.3	42.9	87.3
261+00.00	35.50	9.71	135.8	36.3	41.7	94.0
262+00.00	31.37	9.58	123.8	35.7	41.1	82.8
263+00.00	30.97	9.52	115.4	35.4	40.7	74.8
264+00.00	30.79	9.07	114.4	34.4	39.6	74.8
265+00.00	29.96	8.83	112.5	33.2	38.1	74.4
266+00.00	29.67	8.51	110.4	32.1	36.9	73.5
267+00.00	29.52	8.96	109.6	32.3	37.2	72.4
268+00.00	31.17	8.95	112.4	33.2	38.1	74.2
269+00.00	29.65	8.92	112.6	33.1	38.1	74.6
260+00.00	37.81	9.89	130.2	37.3	42.9	87.3
261+00.00	35.50	9.71	135.8	36.3	41.7	94.0
262+00.00	31.37	9.58	123.8	35.7	41.1	82.8
263+00.00	30.97	9.52	115.4	35.4	40.7	74.8
264+00.00	30.79	9.07	114.4	34.4	39.6	74.8
265+00.00	29.96	8.83	112.5	33.2	38.1	74.4
266+00.00	29.67	8.51	110.4	32.1	36.9	73.5
267+00.00	29.52	8.96	109.6	32.3	37.2	72.4
268+00.00	31.17	8.95	112.4	33.2	38.1	74.2
269+00.00	29.65	8.92	112.6	33.1	38.1	74.6
270+00.00	29.69	10.31	109.9	35.6	41.0	69.0
271+00.00	30.87	10.49	112.1	38.5	44.3	67.9
272+00.00	30.63	12.55	113.9	42.7	49.1	64.8
273+00.00	31.72	13.24	115.5	47.7	54.9	60.5
274+00.00	32.99	13.85	119.8	50.2	57.7	62.2
275+00.00	30.50	12.77	117.6	49.3	56.7	60.9
276+00.00	30.75	10.79	113.4	43.6	50.2	63.3
277+00.00	13.92	0.00	82.7	20.0	23.0	59.7
278+00.00	0.00	0.00	25.8	0.0	0.0	25.8
279+00.00	0.00	0.00	0.0	0.0	0.0	0.0
280+00.00	0.00	0.00	0.0	0.0	0.0	0.0
281+00.00	32.42	10.79	60.0	20.0	23.0	37.1
282+00.00	31.27	10.79	117.9	40.0	46.0	72.0
283+00.00	18.00	10.79	91.2	40.0	46.0	45.3
284+00.00	16.69	10.79	64.2	40.0	46.0	18.3
285+00.00	18.84	10.79	65.8	40.0	46.0	19.8
286+00.00	19.76	10.79	71.5	40.0	46.0	25.5
287+00.00	19.19	10.79	72.1	40.0	46.0	26.2
288+00.00	19.56	10.79	71.8	40.0	46.0	25.8
289+00.00	17.06	10.79	67.8	40.0	46.0	21.9
290+00.00	30.67	10.79	88.4	40.0	46.0	42.4
291+00.00	29.56	7.82	111.5	34.5	39.6	71.9
292+00.00	30.21	7.81	110.7	28.9	33.3	77.4
293+00.00	35.32	7.80	121.4	28.9	33.2	88.1
294+00.00	33.66	7.79	127.7	28.9	33.2	94.5
295+00.00	28.49	9.00	115.1	31.1	35.8	79.3
296+00.00	28.81	13.90	106.1	42.4	48.8	57.3
297+00.00	36.53	0.00	121.0	25.7	29.6	91.4
298+00.00	38.66	0.00	139.2	0.0	0.0	139.2
299+00.00	37.34	0.00	140.7	0.0	0.0	140.7
300+00.00	36.10	0.00	136.0	0.0	0.0	136.0
301+00.00	36.63	0.00	134.7	0.0	0.0	134.7
302+00.00	36.65	0.00	135.7	0.0	0.0	135.7
303+00.00	37.52	0.00	137.3	0.0	0.0	137.3
304+00.00	38.46	0.00	140.7	0.0	0.0	140.7
305+00.00	38.70	0.00	142.9	0.0	0.0	142.9
306+00.00	37.86	0.00	141.8	0.0	0.0	141.8
307+00.00	37.86	0.00	140.2	0.0	0.0	140.2
308+00.00	37.84	0.00	140.2	0.0	0.0	140.2
309+00.00	37.90	0.00	140.3	0.0	0.0	140.3
310+00.00	19.76	0.00	106.8	0.0	0.0	106.8
311+00.00	36.61	0.00	104.4	0.0	0.0	104.4
312+00.00	36.80	0.03	135.9	0.1	0.1	135.9
313+00.00	37.13	0.00	136.9	0.1	0.1	136.8
314+00.00	38.33	0.00	139.7	0.0	0.0	139.7
315+00.00	28.18	0.00	123.2	0.0	0.0	123.2
316+00.00	28.32	0.00	104.6	0.0	0.0	104.6
317+00.00	28.59	0.00	105.4	0.0	0.0	105.4
318+00.00	29.98	10.12	108.5	18.7	21.5	86.9
319+00.00	29.45	10.20	110.1	37.6	43.3	66.8
320+00.00	29.06	10.29	108.4	37.9	43.6	64.7
321+00.00	27.58	10.37	104.9	38.3	44.0	60.9
322+00.00	31.54	10.41	109.5	38.5	44.3	65.2
323+00.00	31.61	10.27	116.9	38.3	44.0	72.9
324+00.00	0.77	10.12	60.0	37.8	43.4	16.6
325+00.00	29.90	10.04	56.8	37.3	42.9	13.9
326+00.00	30.17	10.04	111.2	37.2	42.8	68.5
327+00.00	29.46	10.04	110.4	37.2	42.8	67.7
328+00.00	28.93	10.04	108.1	37.2	42.8	65.4
329+00.00	29.05	10.04	107.4	37.2	42.8	64.6
330+00.00	28.78	10.04	107.1	37.2	42.8	64.3
331+00.00	28.37	10.04	105.8	37.2	42.8	63.1
332+00.00	29.05	10.04	106.3	37.2	42.8	63.6
333+00.00	34.42	10.01	117.5	37.1	42.7	74.8
334+00.00	31.57	10.03	122.2	37.1	42.7	79.5
335+00.00	29.86	0.00	113.8	18.6	21.4	92.4
336+00.00	28.34	0.00	107.8	0.0	0.0	107.8
337+00.00	27.74	0.00	103.9	0.0	0.0	103.9
338+00.00	28.04	0.00	103.3	0.0	0.0	103.3
339+00.00	28.22	0.00	104.2	0.0	0.0	104.2
340+00.00	28.30	0.00	104.7	0.0	0.0	104.7
341+00.00	30.38	10.04	108.7	18.6	21.4	87.3
342+00.00	28.19	10.04	108.5	37.2	42.8	65.7
343+00.00	30.70	10.04	109.1	37.2	42.8	66.3
344+00.00	30.19	10.04	112.8	37.2	42.8	70.0
345+00.00	29.52	10.04	110.6	37.2	42.8	67.8
346+00.00	39.53	0.00	127.9	18.6	21.4	106.5
347+00.00	40.75	0.00	148.7	0.0	0.0	148.7
348+00.00	38.90	0.00	147.5	0.0	0.0	147.5
349+00.00	38.09	0.00	142.6	0.0	0.0	142.6
350+00.00	17.85	0.00	103.6	0.0	0.0	103.6
351+00.00	0.00	0.00	33.1	0.0	0.0	33.1
352+00.00	17.88	0.00	33.1	0.0	0.0	33.1
353+00.00	16.23	0.00	63.2	0.0	0.0	63.2
354+00.00	16.81	7.22	61.2	13.4	15.4	45.8
355+00.00	27.32	0.00	81.7	13.4	15.4	66.3
356+00.00	28.08	0.00	102.6	0.0	0.0	102.6
357+00.00	25.21	0.00	98.7	0.0	0.0	98.7
358+00.00	28.10	0.00	98.7	0.0	0.0	98.7
359+00.00	28.14	0.00	104.1	0.0	0.0	104.1
360+00.00	28.07	0.66	104.1	1.2	1.4	102.7
361+00.00	11.48	0.00	73.2	1.2	1.4	71.8
362+00.00	39.31	4.74	94.1	8.8	10.1	84.0
363+00.00	44.31	5.06	154.8	18.1	20.9	134.0
364+00.00	27.85	1.99	133.6	13.1	15.0	118.6
365+00.00	28.28	0.00	104.0	3.7	4.2	99.7
366+00.00	27.59	0.00	103.5	0.0	0.0	103.5
367+00.00	27.68	0.00	102.3	0.0	0.0	102.3
368+00.00	40.29	0.00	125.9	0.0	0.0	125.9
369+00.00	38.94	2.72	146.7	5.0	5.8	140.9
370+00.00	41.12	0.00	148.3	5.0	5.8	142.4
371+00.00	41.20	0.00	152.4	0.0	0.0	152.4
372+00.00	12.56	0.00	99.6	0.0	0.0	99.6
373+00.00	41.62	0.00	100.3	0.0	0.0	100.3
374+00.00	40.89	0.00	152.8	0.0	0.0	152.8
375+00.00	40.80	0.00	151.3	0.0	0.0	151.3
376+00.00	40.94	0.00	151.4	0.0	0.0	151.4
377+00.00	41.64	0.00	152.9	0.0	0.0	152.9
378+00.00	40.97	0.00	153.0	0.0	0.0	153.0
379+00.00	40.74	0.00	151.3	0.0	0.0	151.3
380+00.00	40.43	0.00	150.3	0.0	0.0	150.3
381+00.00	40.35	0.00	149.6	0.0	0.0	149.6
382+00.00	40.77	0.00	150.2	0.0	0.0	150.2
383+00.00	40.69	0.00	150.9	0.0	0.0	150.9
384+00.00	40.01	0.00	149.5	0.0	0.0	149.5
385+00.00	40.37	0.00	148.9	0.0	0.0	148.9
386+00.00	41.44	0.00	151.5	0.0	0.0	151.5
387+00.00	40.87	0.00	152.4	0.0	0.0	152.4
388+00.00	40.57	0.00	150.8	0.0	0.0	150.8
389+00.00	42.93	0.00	154.6	0.0	0.0	154.6
390+00.00	42.25	0.00	157.7	0.0	0.0	157.7
391+00.00	39.94	0.00	152.2	0.0	0.0	152.2
392+00.00	40.50	0.00	149.0	0.0	0.0	149.0
393+00.00	43.14	0.00	154.9	0.0	0.0	154.9
394+00.00	43.58	0.00	160.6	0.0	0.0	160.6
395+00.00	42.93	0.00	160.2	0.0	0.0	160.2
396+00.00	41.17	0.00	155.8	0.0	0.0	155.8
397+00.00	40.95	0.00	152.1	0.0	0.0	152.1
398+00.00	40.26	0.00	150.4	0.0	0.0	150.4
399+00.00	41.32	0.00	151.1	0.0	0.0	151.1
400+00.00	41.05	0.00	152.5	0.0	0.0	152.5
401+00.00	40.87	0.00	151.7	0.0	0.0	151.7
402+00.00	40.48	0.00	150.7	0.0	0.0	150.7
403+00.00	41.30	1.07	151.5	2.0	2.3	149.2
404+00.00	42.34	0.00	154.9	2.0	2.3	152.6
405+00.00	29.76	0.00	133.5	0.0	0.0	133.5
405+50.00	65.70	0.00	88.4	0.0	0.0	88.4
406+00.00	50.33	5.57	107.4	5.2	5.9	101.5
406+17.69	49.79	10.18	32.8	5.2	5.9	26.9
406+50.00	49.52	7.44	59.4	10.5	12.1	47.3
407+00.00	51.87	1.60	93.9	8.4	9.6	84.2
407+50.00	54.21	1.49	98.2	2.9	3.3	94.9
408+00.00	52.71	1.09	99.0	2.4	2.7	96.3
408+50.00	52.20	0.30	97.1	1.3	1.5	95.7
409+00.00	56.10	0.00	100.3	0.3	0.3	100.0
409+50.00	50.71	0.00	98.9	0.0	0.0	98.9
410+00.00	49.40	0.00	92.7	0.0	0.0	92.7
410+50.00	46.70	0.00	89.0	0.0	0.0	89.0
411+00.00	26.93	0.00	68.2	0.0	0.0	68.2
412+00.00	47.17	0.00	137.2	0.0	0.0	137.2
413+00.00	41.65	0.00	164.5	0.0	0.0	164.5
414+00.00	39.53	0.00	150.3	0.0	0.0	150.3
415+00.00	39.35	0.00	146.1	0.0	0.0	146.1
416+00.00	28.67	0.00	126.0	0.0	0.0	126.0
417+00.00	28.38	0.00	105.7	0.0	0.0	105.7
418+00.00	21.28	0.00	92.0	0.0	0.0	92.0
419+00.00	22.37	0.00	80.8	0.0	0.0	80.8
420+00.00	0.00	0.00	41.4	0.0	0.0	41.4
421+00.00	9.03	0.00	16.7	0.0	0.0	16.7
422+00.00	27.89	0.00	68.4	0.0	0.0	68.4
423+00.00	27.45	0.00	102.5	0.0	0.0	102.5
424+00.00	27.90	0.00	102.5	0.0	0.0	102.5
425+00.00	26.44	0.00	100.6	0.0	0.0	100.6
426+00.00	39.69	0.00	122.5	0.0	0.0	122.5
427+00.00	39.67	1.39	147.0	2.6	3.0	144.0
428+00.00	39.72	0.00	147.0	2.6	3.0	144.1
429+00.00	40.09	0.00	147.8	0.0	0.0	147.8
430+00.00	56.15	0.02	178.2	0.0	0.1	178.2
431+00.00	40.14	0.00	178.3	0.0	0.1	178.3
432+00.00	40.24	0.00	148.8	0.0	0.0	148.8
433+00.00	41.66	0.00	151.7	0.0	0.0	151.7
434+00.00	46.26	0.00	162.8	0.0	0.0	162.8
435+00.00	44.85	0.00	168.7	0.0	0.0	168.7
436+00.00	42.11	0.00	161.0	0.0	0.0	161.0
437+00.00	44.96	0.00	161.2	0.0	0.0	161.2
438+00.00	31.37	0.00	141.3	0.0	0.0	141.3
439+00.00	43.43	0.00	138.5	0.0	0.0	138.5
440+00.00	32.45	0.00	140.5	0.0	0.0	140.5
441+00.00	30.32	0.00	116.3	0.0	0.0	116.3
442+00.00	39.27	0.00	128.9	0.0	0.0	128.9
443+00.00	38.76	0.00	144.5	0.0	0.0	144.5
444+00.00	39.39	0.00	144.7	0.0	0.0	144.7
445+00.00	38.92	0.00	145.0	0.0	0.0	145.0
446+00.00	38.97	0.00	144.2	0.0	0.0	144.2
447+00.00	39.02	0.00	144.4	0.0	0.0	144.4
448+00.00	38.46	0.00	143.5	0.0	0.0	143.5
449+00.00	39.32	0.00	144.0	0.0	0.0	144.0
450+00.00	40.97	0.00	148.7	0.0	0.0	148.7
451+00.00	30.94	0.00	133.2	0.0	0.0	133.2
452+00.00	7.96	0.36	72.0	0.7	0.8	71.3
453+00.00	29.21	0.49	68.8	1.6	1.8	67.0
454+00.00	39.70	0.00	127.6	0.9	1.0	126.6
455+00.00	38.98	0.00	145.7	0.0	0.0	145.7
456+00.00	38.33	0.00	143.2	0.0	0.0	143.2
457+00.00	39.45	0.00	144.0	0.0	0.0	144.0
458+00.00	43.10	0.00	152.9	0.0	0.0	152.9
459+00.00	40.07	0.00	154.0	0.0	0.0	154.0
460+00.00	41.74	0.00	151.5	0.0	0.0	151.5
461+00.00	42.88	0.00	156.7	0.0	0.0	156.7
462+00.00	40.84	0.00	155.0	0.0	0.0	155.0
463+00.00	42.42	0.00	154.2	0.0	0.0	154.2
464+00.00	8.34	0.76	94.0	1.4	1.6	92.4
465+00.00	29.55	0.00	70.2	1.4	1.6	68.5
466+00.00	29.09	0.00	108.6	0.0	0.0	108.6
467+00.00	28.68	0.00	107.0	0.0	0.0	107.0
468+00.00	39.70	0.00	126.6	0.0	0.0	126.6
469+00.00	37.37	0.00	142.7	0.0	0.0	142.7
470+00.00	36.90	0.00	137.5	0.0	0.0	137.5
471+00.00	38.48	0.00	139.6	0.0	0.0	139.6
472+00.00	23.45	0.00	114.7	0.0	0.0	114.7
473+00.00	42.93	0.00	122.9	0.0	0.0	122.9
474+00.00	40.04	0.04	153.6	0.1	0.1	153.6
475+00.00	38.63	0.00	145.7	0.1	0.1	145.6
476+00.00	38.97	0.00	143.7	0.0	0.0	143.7
477+00.00	39.78	0.00	145.8	0.0	0.0	145.8
478+00.00	40.06	0.00	147.9	0.0	0.0	147.9
479+00.00	44.25	0.00	156.1	0.0	0.0	156.1
480+00.00	39.12	0.00	154.4	0.0	0.0	154.4
481+00.00	38.66	0.00	144.0	0.0	0.0	144.0
482+00.00	43.64	0.00	152.4	0.0	0.0	152.4
483+00.00	37.99	0.00	151.2	0.0	0.0	151.2
484+00.00	40.31	0.00	145.0	0.0	0.0	145.0
485+00.00	37.99	2.27	145.0	4.2	4.8	140.2
486+00.00	40.27	0.00	144.9	4.2	4.8	140.1
487+00.00	27.55	0.00	125.6	0.0	0.0	125.6
488+00.00	37.80	0.00	121.0	0.0	0.0	121.0
489+00.00	39.34	0.00	142.8	0.0	0.0	142.8
490+00.00	38.98	0.00	145.0	0.0	0.0	145.0
491+00.00	38.44	0.00	143.4	0.0	0.0	143.4
492+00.00	37.81	0.00	141.2	0.0	0.0	141.2
493+00.00	37.13	0.04	138.8	0.1	0.1	138.7
494+00.00	40.82	0.00	144.4	0.1	0.1	144.3
495+00.00	27.04	0.00	125.7	0.0	0.0	125.7
496+00.00	27.50	0.00	101.0	0.0	0.0	101.0
497+00.00	27.27	0.00	101.4	0.0	0.0	101.4
498+00.00	18.95	0.00	85.6	0.0	0.0	85.6
499+00.00	18.94	0.00	70.2	0.0	0.0	70.2
500+00.00	10.57	0.00	54.6	0.0	0.0	54.6
501+00.00	11.64	0.00	41.1	0.0	0.0	41.1
502+00.00	22.34	0.00	62.9	0.0	0.0	62.9
503+00.00	21.20	0.00	80.6	0.0	0.0	80.6
504+00.00	21.57	0.00	79.2	0.0	0.0	79.2
505+00.00	21.71	0.00	80.1	0.0	0.0	80.1
506+00.00	23.12	0.00	83.0	0.0	0.0	83.0
507+00.00	29.95	0.21	98.3	0.4	0.4	97.8
508+00.00	30.58	0.00	112.1	0.4	0.4	111.7
509+00.00	30.99	0.00	114.0	0.0	0.0	114.0
510+00.00	11.26	0.00	78.2	0.0	0.0	78.2
511+00.00	11.02	0.00	41.3	0.0	0.0	41.3
512+00.00	11.34	0.00	41.4	0.0	0.0	41.4
513+00.00	10.95	0.00	41.3	0.0	0.0	41.3
514+00.00	10.63	0.00	40.0	0.0	0.0	40.0
515+00.00	11.79	0.00	41.5	0.0	0.0	41.5
516+00.00	11.52	0.00	43.2	0.0	0.0	43.2
516+42.81	11.23	0.00	18.0	0.0	0.0	18.0

TOTAL	39987.1	CUYDS of Earth Excavation

MODEL: Sch1 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhIIProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	9
		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		

25000210 SEEDING, CLASS 2A

STATION	OFFSET (LT, RT, MED)	AREA (SQ FT)	ACRE
178+14.00	MED	420.0	0.010
178+20.00	LT	139.0	0.003
178+20.00	RT	18.0	0.000
179+25.00	LT	70.0	0.002
179+25.00	MED	3,235.0	0.074
181+00.00	MED	216.0	0.005
183+73.00	MED	256.0	0.006
184+25.00	RT	96.0	0.002
188+34.00	RT	292.0	0.007
193+93.00	MED	330.0	0.008
193+74.00	LT	160.0	0.004
194+36.00	RT	190.0	0.004
196+50.00	MED	43.0	0.001
199+00.00	MED	160.0	0.004
199+00.00	RT	33.7	0.001
200+35.00	MED	34.7	0.001
208+00.00	MED	2054.0	0.047
212+70.00	LT	38.0	0.001
213+00.00	MED	90.0	0.002
224+14.00	LT	170.0	0.004
224+19.00	RT	17.0	0.000
226+50.00	MED	422.0	0.010
227+83.00	RT	72.0	0.002
227+88.00	LT	34.0	0.001
228+00.00	MED	224.0	0.005
229+00.00	RT	178.0	0.004
229+75.00	MED	536.0	0.012
230+05.00	RT	344.0	0.008
231+83.00	RT	168.0	0.004
232+50.00	MED	237.0	0.005
233+15.00	RT	87.0	0.002
235+00.00	MED	683.0	0.016
235+65.00	RT	321.0	0.007
237+20.00	MED	154.0	0.004
238+80.00	RT	93.0	0.002
239+25.00	MED	360.0	0.008
241+09.00	RT	73.0	0.002
246+00.00	RT	12.0	0.000
246+00.00	MED	10.0	0.000
252+38.00	LT	457.0	0.010
252+45.00	RT	6.0	0.000
252+54.00	MED	78.0	0.002
252+95.00	RT	39.0	0.001
257+13.00	LT	57.0	0.001
258+50.00	LT	498.0	0.011
260+56.00	LT	213.0	0.005
261+07.00	LT	1,116.0	0.026
264+25.00	LT	52.0	0.001
267+23.00	LT	274.0	0.006
270+63.00	LT	52.0	0.001
271+75.00	RT	159.0	0.004
272+56.00	MED	466.0	0.011
273+01.00	RT	118.0	0.003
281+83.00	MED	96.0	0.002
281+77.00	LT	138.0	0.003
290+61.00	LT	389.0	0.009
294+08.00	LT	254.0	0.006
294+56.00	MED	2,269.0	0.052
302+49.00	RT	362.0	0.008
309+53.00	RT	253.0	0.006
313+40.00	LT	36.0	0.001
316+59.00	LT	598.0	0.014
317+00.00	RT	42.0	0.001
324+64.00	MED	866.0	0.020
324+75.00	MED	107.0	0.002
332+62.00	RT	20.0	0.000
333+60.00	LT	182.0	0.004
333+74.00	RT	71.0	0.002
339+96.00	LT	89.0	0.002
340+00.00	RT	302.0	0.007
342+93.00	RT	24.0	0.001
346+85.00	LT	685.0	0.016
347+07.00	RT	3.0	0.000
351+54.00	MED	172.0	0.004
359+25.00	MED	563.0	0.013
360+55.00	MED	100.0	0.002
361+61.00	MED	1806.0	0.041
361+57.00	RT	242.0	0.006
361+64.00	MED	29.0	0.001
362+33.00	RT	289.0	0.007
368+50.00	MED	723.0	0.017
370+50.00	MED	52.0	0.001
371+08.00	RT	34.0	0.001
372+65.00	MED	157.0	0.004
372+85.00	RT	26.0	0.001

STATION	OFFSET (LT, RT, MED)	AREA (SQ FT)	ACRE
388+10.00	LT	214.0	0.005
388+95.00	RT	148.0	0.003
389+50.00	MED	48.0	0.001
389+88.00	LT	87.0	0.002
392+25.00	MED	452.0	0.010
392+45.00	RT	608.0	0.014
392+75.00	LT	208.0	0.005
393+89.00	LT	121.0	0.003
393+99.00	MED	129.0	0.003
394+25.00	MED	47.0	0.001
397+45.00	RT	373.0	0.009
402+25.00	MED	601.0	0.014
403+65.00	RT	228.0	0.005
404+11.00	MED	86.0	0.002
405+26.00	RT	101.0	0.002
407+93.00	RT	97.0	0.002
409+29.00	RT	596.0	0.014
410+81.00	LT	45.0	0.001
412+04.00	LT	139.0	0.003
412+25.00	MED	55.0	0.001
412+54.00	RT	80.0	0.002
415+20.00	RT	157.0	0.004
417+00.00	MED	150.0	0.003
417+58.00	LT	643.0	0.015
420+91.00	MED	63.0	0.001
421+02.00	RT	98.0	0.002
425+22.00	LT	289.0	0.007
426+74.00	MED	226.0	0.005
428+33.00	RT	75.0	0.002
429+06.00	LT	236.0	0.005
430+26.00	MED	704.0	0.016
433+97.00	LT	77.0	0.002
435+40.00	LT	151.0	0.003
437+26.00	LT	553.0	0.013
439+68.00	LT	191.0	0.004
441+78.00	MED	9.0	0.000
448+00.00	LT	234.0	0.005
450+19.00	RT	87.0	0.002
450+71.00	LT	576.0	0.013
450+75.00	MED	426.0	0.010
452+31.00	LT	177.0	0.004
452+48.00	MED	167.0	0.004
452+75.00	MED	255.0	0.006
457+35.00	LT	127.0	0.003
457+69.00	RT	54.0	0.001
458+65.00	LT	159.0	0.004
458+68.00	RT	210.0	0.005
460+52.00	RT	31.0	0.001
460+75.00	LT	343.0	0.008
462+50.00	MED	107.0	0.002
462+73.00	RT	106.0	0.002
464+10.00	RT	289.0	0.007
464+56.00	MED	189.0	0.004
472+60.00	LT	33.0	0.001
473+00.00	MED	119.0	0.003
473+75.00	MED	489.0	0.011
478+83.00	LT	6.0	0.000
479+88.00	LT	41.0	0.001
481+08.00	LT	51.0	0.001
482+23.00	LT	31.0	0.001
483+00.00	LT	133.0	0.003
483+00.00	RT	24.0	0.001
483+34.00	LT	741.0	0.017
483+51.00	RT	46.0	0.001
484+00.00	MED	794.0	0.018
485+50.00	LT	41.0	0.001
486+65.00	RT	2.0	0.000
487+19.00	RT	83.0	0.002
492+25.00	MED	368.0	0.008
493+68.00	RT	69.0	0.002
494+75.00	MED	158.0	0.004
497+00.00	MED	716.0	0.016
506+79.00	MED	143.0	0.003

TOTAL	1.00	ACRE

20201200 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

STATION	STATION	SHOULDER	DEPTH (FOOT)	WIDTH (FOOT)	LENGTH (FOOT)	AREA SQ FT	VOLUME (CUYDS)
255+00	277+16	OUTSIDE	1.50	5	2,216	11080	615.56
280+24	296+00	OUTSIDE	1.50	5	1,576	7880	437.78
317+00	334+00	OUTSIDE	1.50	5	1,700	8500	472.22
340+00	345+00	OUTSIDE	1.50	5	500	2500	138.89
PER GEOTECH REPORT 20% OF REMAINING SHOULDER						433,508	4,816.75

TOTAL	6,490

21001000 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

STATION	STATION	SHOULDER	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQYD)
255+00	296+00	OUTSIDE	4,100	5.0	2277.8
315+00	345+00	OUTSIDE	3,000	5.0	1666.7
PER GEOTECH REPORT 20% OF REMAINING SHOULDER			106,655	4.5	10665.5

TOTAL	14610.0

21101615 TOPSOIL FURNISH AND PLACE, 4"
25100630 EROSION CONTROL BLANKET

STATION	OFFSET (LT, RT, MED)	AREA (SQ FT)	AREA (SQ YD)
178+14.00	MED	420.0	46.67
178+20.00	RT	18.0	2.00
179+25.00	LT	70.0	7.78
179+25.00	MED	3,235.0	359.44
181+00.00	MED	216.0	24.00
183+73.00	MED	256.0	28.44
184+25.00	RT	96.0	10.67
188+34.00	RT	292.0	32.44
193+93.00	MED	330.0	36.67
193+74.00	LT	160.0	17.78
194+36.00	RT	190.0	21.11
196+50.00	MED	43.0	4.78
199+00.00	MED	160.0	17.78
199+00.00	RT	33.7	3.74
200+35.00	MED	34.7	3.86
208+00.00	MED	2054.0	228.22
212+70.00	LT	38.0	4.22
213+00.00	MED	90.0	10.00
224+14.00	LT	170.0	18.89
224+19.00	RT	17.0	1.89
226+50.00	MED	422.0	46.89
227+83.00	RT	72.0	8.00
227+88.00	LT	34.0	3.78
228+00.00	MED	224.0	24.89
229+00.00	RT	178.0	19.78
229+75.00	MED	536.0	59.56
230+05.00	RT	344.0	38.22
231+83.00	RT	168.0	18.67
232+50.00	MED	237.0	26.33
233+15.00	RT	87.0	9.67
235+00.00	MED	683.0	75.89
235+65.00	RT	321.0	35.67
237+20.00	MED	154.0	17.11
238+80.00	RT	93.0	10.33
239+25.00	MED	360.0	40.00
241+09.00	RT	73.0	8.11
246+00.00	RT	12.0	1.33
246+00.00	MED	10.0	1.11
252+38.00	LT	457.0	50.78
252+45.00	RT	6.0	0.67
252+54.00	MED	78.0	8.67
252+95.00	RT	39.0	4.33
257+13.00	LT	57.0	6.33
258+50.00	LT	498.0	55.33
260+56.00	LT	213.0	23.67
261+07.00	LT	1,116.0	124.00
264+25.00	LT	52.0	5.78
267+23.00	LT	274.0	30.44
270+63.00	LT	52.0	5.78
271+75.00	RT	159.0	17.67
272+56.00	MED	466.0	51.78
273+01.00	RT	118.0	13.11
281+83.00	MED	96.0	10.67
281+77.00	LT	138.0	15.33
290+61.00	LT	389.0	43.22
294+08.00	LT	254.0	28.22
294+56.00	MED	2,269.0	252.11
302+49.00	RT	362.0	40.22

STATION	OFFSET (LT, RT, MED)	AREA (SQ FT)	AREA (SQ YD)
309+53.00	RT	253.0	28.11
313+40.00	LT	36.0	4.00
316+59.00	LT	598.0	66.44
317+00.00	RT	42.0	4.67
324+64.00	MED	866.0	96.22
324+75.00	MED	107.0	11.89
332+62.00	RT	20.0	2.22
333+60.00	LT	182.0	20.22
333+74.00	RT	71.0	7.89
339+96.00	LT	89.0	9.89
340+00.00	RT	302.0	33.56
342+93.00	RT	24.0	2.67
346+85.00	LT	685.0	76.11
347+07.00	RT	3.0	0.33
351+54.00	MED	172.0	19.11
359+25.00	MED	563.0	62.56
360+55.00	MED	100.0	11.11
361+61.00	MED	1806.0	200.67
361+57.00	RT	242.0	26.89
361+64.00	MED	29.0	3.22
362+33.00	RT	289.0	32.11
368+50.00	MED	723.0	80.33
370+50.00	MED	52.0	5.78
371+08.00	RT	34.0	3.78
372+65.00	MED	157.0	17.44
372+85.00	RT	26.0	2.89
388+10.00	LT	214.0	23.78
388+95.00	RT	148.0	16.44
389+50.00	MED	48.0	5.33
389+88.00	LT	87.0	9.67
392+25.00	MED	452.0	50.22
392+45.00	RT	608.0	67.56
392+75.00	LT	208.0	23.11
393+89.00	LT	121.0	13.44
393+99.00	MED	129.0	14.33
394+25.00	MED	47.0	5.22
397+45.00	RT	373.0	41.44
402+25.00	MED	601.0	66.78
403+65.00	RT	228.0	25.33
404+11.00	MED	86.0	9.56
405+26.00	RT	101.0	11.22
407+93.00	RT	97.0	10.78
409+29.00	RT	596.0	66.22
410+81.00	LT	45.0	5.00
412+04.00	LT	139.0	15.44
412+25.00	MED	55.0	6.11
412+54.00	RT	80.0	8.89
415+20.00	RT	157.0	17.44
417+00.00	MED	150.0	16.67
417+58.00	LT	643.0	71.44
420+91.00	MED	63.0	7.00
421+02.00	RT	98.0	10.89
425+22.00	LT	289.0	32.11
426+74.00	MED	226.0	25.11
428+33.00	RT	75.0	8.33
429+06.00	LT	236.0	26.22
430+26.00	MED	704.0	78.22
433+97.00	LT	77.0	8.56

STATION	OFFSET (LT, RT, MED)	AREA (SQ FT)	AREA (SQ YD)
435+40.00	LT	151.0	16.78
437+26.00	LT	553.0	61.44
439+68.00	LT	191.0	21.22
441+78.00	MED	9.0	1.00
448+00.00	LT	234.0	26.00
450+19.00	RT	87.0	9.67
450+71.00	LT	576.0	64.00
450+75.00	MED	426.0	47.33
452+31.00	LT	177.0	19.67
452+48.00	MED	167.0	18.56
452+75.00	MED	255.0	28.33
457+35.00	LT	127.0	14.11
457+69.00	RT	54.0	6.00
458+65.00	LT	159.0	17.67
458+68.00	RT	210.0	23.33
460+52.00	RT	31.0	3.44
460+75.00	LT	343.0	38.11
462+50.00	MED	107.0	11.89
462+73.00	RT	106.0	11.78
464+10.00	RT	289.0	32.11
464+56.00	MED	189.0	21.00
472+60.00	LT	33.0	3.67
473+00.00	MED	119.0	13.22
473+75.00	MED	489.0	54.33
478+83.00	LT	6.0	0.67
479+88.00	LT	41.0	4.56
481+08.00	LT	51.0	5.67
482+23.00	LT	31.0	3.44
483+00.00	LT	133.0	14.78
483+00.00	RT	24.0	2.67
483+51.00	RT	46.0	5.11
484+00.00	MED	794.0	88.22
485+50.00	LT	41.0	4.56
486+65.00	RT	2.0	0.22
487+19.00	RT	83.0	9.22
492+25.00	MED	368.0	40.89
493+68.00	RT	69.0	7.67
494+75.00	MED	158.0	17.56
497+00.00	MED	716.0	79.56
506+79.00	MED	143.0	15.89
CASE RD LTL	MED RT	500.0	56.00

TOTAL	4,761	SQ YD

MODEL: Sch2 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoL59\09-CADD\3_Sheets\D162P73-sht-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/2/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 2 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	10

CONTRACT NO. 62P73
ILLINOIS | FED. AID PROJECT

28000500 INLET AND PIPE PROTECTION

STATION	OFFSET (LT, RT, MED)	EACH
198+66.60	MED	1
200+88.30	MED	1
207+35.80	MED	1
209+78.30	MED	1
211+64.40	MED	1
219+29.70	MED	1
226+83.40	MED	1
228+76.60	MED	1
232+29.60	MED	1
263+88.90	MED	1
269+60.50	MED	1
277+73.10	MED	1
290+51.80	MED	1
296+09.60	MED	1
311+84.70	MED	1
329+71.90	MED	1
343+08.50	MED	1
346+48.50	MED	1
347+17.90	MED	1
354+26.20	MED	1
362+12.40	RT	1
368+82.70	MED	1
381+31.40	MED	1
391+94.70	MED	1
395+79.20	MED	1
396+83.70	MED	1
397+14.70	MED	1
406+17.20	MED	1
415+60.90	MED	1
421+21.20	MED	1
426+54.20	MED	1
430+58.20	MED	1
438+51.10	RT	1
440+36.70	MED	1
440+56.70	MED	1
440+81.90	MED	1
446+68.70	MED	1
453+20.00	MED	1
455+85.10	MED	1
467+77.80	MED	1
469+77.20	MED	1
474+78.90	MED	1
480+78.10	MED	1
494+76.90	MED	1
497+78.50	MED	1
508+99.30	MED	1
	TOTAL	46

28000510 INLET FILTERS

STATION	OFFSET (LT, RT, MED)	EACH
279+23.30	RT	1
279+75.00	LT	1
288+70.40	LT	1
346+82.40	LT	1
500+86.43	MED	2
501+73.75	MED	2
502+74.51	MED	2
503+73.33	MED	2
524+58.00	RT	1
524+50.00	LT	1
526+92.00	RT	1
528+75.00	LT	1
529+00.00	RT	1
529+60.00	LT	1
530+10.00	LT	1
534+15.00	LT	1
	TOTAL	20

30300001 AGGREGATE SUBGRADE IMPROVEMENT

STATION	STATION	SHOULDER	DEPTH (FOOT)	WIDTH (FOOT)	LENGTH (FOOT)	AREA SQ FT	VOLUME (CUYDS)
255+00	296+00	OUTSIDE	1.50	5	4,100	20500	1,138.89
315+00	345+00	OUTSIDE	1.50	5	3,000	15000	833.33
PER GEOTECH REPORT 25% OF REMAINING SHOULDER						417,588	5,799.83

TOTAL	7,780

30300112 AGGREGATE SUBGRADE IMPROVEMENT 12"

LOC	STA	STA	WIDTH (FT)	SQ FT	SQ YD
LT	178+18.00	192+96.90	6.0	8,873	986
MED LT	178+18.00	195+98.00	4.0	7,120	791
MED RT	177+90.00	188+30.00	4.0	4,160	462
RT	177+90.00	189+19.00	6.0	6,774	753
LT	193+74.00	213+32.72	6.0	11,752	1,306
MED LT	193+74.00	214+13.14	4.0	8,157	906
MED RT	193+74.00	214+83.81	4.0	8,439	938
RT	194+35.97	213+33.80	6.0	11,387	1,265
LT	223+94.65	230+03.53	6.0	3,653	406
MED LT	225+39.42	229+05.96	4.0	1,466	163
MED RT	219+16.70	229+05.96	4.0	3,957	440
RT	219+76.31	238+96.60	6.0	11,522	1,280
LT	234+16.91	241+56.80	6.0	4,439	493
MED LT	229+63.33	238+31.79	4.0	3,474	386
MED RT	229+63.33	238+31.79	4.0	3,474	386
MED LT	238+82.61	241+55.59	4.0	1,092	121
MED RT	238+82.61	240+91.76	4.0	837	93
RT	241+08.07	245+15.17	6.0	2,443	271
RT	245+74.62	272+02.00	6.0	15,764	1,752
MED RT	245+97.53	276+62.00	4.0	12,258	1,362
MED LT	252+54.28	277+16.00	4.0	9,847	1,094
LT	251+63.00	267+52.00	6.0	9,534	1,059
LT	267+11.37	267+52.00	6.0	244	27
LT	267+11.50	277+16.00	6.0	6,027	670
RT	271+68.02	272+03.10	4.0	140	16
RT	271+72.81	276+62.00	6.0	2,935	326
LT	280+04.09	282+52.50	6.0	1,490	166
RT	280+73.00	290+08.10	6.0	5,611	623
MED LT	280+72.36	309+63.30	4.0	11,564	1,285
MED RT	280+23.90	309+63.00	4.0	11,756	1,306
LT	289+06.70	323+64.15	6.0	20,745	2,305
RT	289+48.98	314+16.47	6.0	14,805	1,645
RT	289+48.98	290+09.08	4.0	240	27
MED LT	310+25.60	323+82.01	4.0	5,426	603
MED RT	310+25.60	323+82.01	4.0	5,426	603
RT	317+10.21	334+02.71	6.0	10,155	1,128
RT	340+03.49	347+27.69	6.0	4,345	483
LT	324+48.95	349+52.06	6.0	15,019	1,669
MED LT	324+48.95	350+44.60	4.0	10,383	1,154
MED RT	324+48.95	350+44.60	4.0	10,383	1,154
LT	354+02.67	411+01.00	6.0	34,190	3,799
RT	361+58.40	363+67.90	6.0	1,257	140
RT	364+54.50	364+65.40	6.0	65	7
MED LT	351+31.23	361+04.51	4.0	3,893	433
MED RT	351+31.23	361+04.51	4.0	3,893	432.6
MED LT	361+52.09	371+73.18	4.0	4,084	453.8
MED RT	361+52.09	371+73.18	4.0	4,084	453.8
MED LT	372+56.03	393+39.90	4.0	8,335	926.2
MED RT	372+56.03	393+39.90	4.0	8,335	926.2
RT	372+84.88	415+67.32	6.0	25,695	2,855.0
MED LT	393+88.13	404+75.93	4.0	4,351	483.5
MED RT	393+88.13	404+75.93	4.0	4,351	483.5
MED LT	405+25.90	411+10.41	4.0	2,338	259.8
LT	411+90.28	419+59.50	6.0	4,615	512.8
MED LT	411+77.18	419+60.59	4.0	3,134	348.2
MED RT	411+77.18	417+68.30	4.0	2,364	262.7
MED LT	420+83.34	437+98.33	4.0	6,860	762.2
MED RT	420+83.34	437+98.33	4.0	6,860	762.2
RT	421+01.60	450+77.20	6.0	17,854	1,983.7
LT	425+21.62	463+16.98	6.0	22,772	2,530.2
MED LT	438+51.86	451+71.04	4.0	5,277	586.3
MED RT	438+51.86	451+71.04	4.0	5,277	586.3
MED LT	452+30.72	463+59.92	4.0	4,517	501.9
MED RT	452+30.72	463+59.92	4.0	4,517	501.9
RT	453+26.00	494+45.32	6.0	24,716	2,746.2
MED LT	464+24.16	472+18.70	4.0	3,178	353.1
MED RT	464+24.16	472+18.70	4.0	3,178	353.1
LT	467+05.40	509+66.31	6.0	25,565	2,840.6
RT	501+79.71	516+42.80	6.0	8,779	975.4
MED LT	472+68.25	486+92.38	4.0	5,697	632.9
MED RT	472+68.25	486+92.38	4.0	5,697	632.9
MED LT	487+39.29	498+09.97	4.0	4,283	475.9
MED RT	487+39.29	499+26.91	4.0	4,750	527.8
LTL @ CASE MED RT	405+25.90	411+10.41	4	2,338	259.8
LTL @ CASE PVMT	405+25.90	411+10.41		5,002.49	556.0

TOTAL	**63,248**	**SQ YD**

35501308 HOT-MIX ASPHALT BASE COURSE, 6"

Sta	Area (SF)	Area (SY)
389+50	162	18
437+00	101	11
450+50	205	23
452+00	413	46
458+50	117	13
458+50	117	13
460+50	136	15
463+75	168	19
483+50	179	20
483+50	179	20
487+00	304	34
	TOTAL	232

35501316 HOT-MIX ASPHALT BASE COURSE, 8"

Sta	Area (SF)	Area (SY)
222+50	203	23
223+50	196	22
224+50	175	19
225+50	295	33
226+50	251	28
228+50	399	44
229+50	161	18
231+50	161	18
233+00	161	18
238+50	203	33
252+50	241	27
257+50	199	22
260+00	334	37
261+00	280	31
333+00	447	50
342+50	336	37
363+00	213	24
389+50	162	18
393+50	170	19
405+00	275	31
409+00	270	30
411+00	223	25
411+50	176	20
412+00	187	21
412+50	141	16
438+00	216	24
438+50	214	24
458+50	257	29
460+50	145	16
472+50	100	11
472+50	318	35
479+50	495	55
482+00	253	28
	TOTAL	**883**

35501323	**HOT-MIX ASPHALT BASE COURSE, 9 3/4"**			
LOC	**STA**	**STA**	**SQ FT**	**SQ YD**
CASE ROAD LTL	405+23.9	411+03.7	5,002.49	556.0

MODEL: Sch3 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhil\Projects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 3 OF 10 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	11

CONTRACT NO. 62P73
ILLINOIS | FED. AID PROJECT

35600701 HOT-MIX ASPHALT BASE COURSE WIDENING, 6 1/4"

LOC	STA	STA	WIDTH (FT)	SQ YD
LT	178+18.00	192+96.90	5	821.6
MED LT	178+18.00	195+98.00	3	593.3
MED RT	177+90.00	188+30.00	3	346.7
RT	177+90.00	189+19.00	5	627.2
LT	193+74.00	213+32.72	5	1,088.2
MED LT	193+74.00	214+13.14	3	679.7
MED RT	193+74.00	214+83.81	3	703.3
RT	194+35.97	213+33.80	5	1,054.4
LT	223+94.65	230+03.53	5	338.3
MED LT	225+39.42	229+05.96	3	122.2
MED RT	219+16.70	229+05.96	3	329.8
RT	219+76.31	238+96.60	5	1,066.8
LT	234+16.91	241+56.80	5	411.1
MED LT	229+63.33	238+31.79	3	289.5
MED RT	229+63.33	238+31.79	3	289.5
MED LT	238+82.61	241+55.59	3	91.0
MED RT	238+82.61	240+91.76	3	69.7
RT	241+08.07	245+15.17	5	226.2
RT	245+74.62	272+02.00	5	1,459.7
MED RT	245+97.53	276+62.00	3	1,021.5
MED LT	252+54.28	277+16.00	3	820.6
LT	251+63.00	267+52.00	5	982.0
LT	267+11.37	267+52.00	5	22.6
LT	267+11.50	277+16.00	5	558.1
RT	271+68.02	272+03.10	2	7.8
RT	271+72.81	276+62.00	5	271.8
LT	280+04.09	282+52.50	5	138.0
RT	280+73.00	290+08.10	5	519.5
MED LT	280+72.36	309+63.30	3	963.6
MED RT	280+23.90	309+63.00	3	979.7
LT	289+06.70	323+64.15	5	1,920.8
RT	289+48.98	314+16.47	5	1,370.8
RT	289+48.98	290+09.08	2	13.4
MED LT	310+25.60	323+82.01	3	452.1
MED RT	310+25.60	323+82.01	3	452.1
RT	317+10.21	334+02.71	5	940.3
RT	340+03.49	347+27.69	5	402.3
LT	324+48.95	349+52.06	5	1,390.6
MED LT	324+48.95	350+44.60	3	865.2
MED RT	324+48.95	350+44.60	3	865.2
LT	354+02.67	411+01.00	5	3,165.7
RT	361+58.40	363+67.90	5	116.4
RT	364+54.50	364+65.40	5	6.1
RT	367+11.30	371+65.20	5	252.2
MED LT	351+31.23	361+04.51	3	324.4
MED RT	351+31.23	361+04.51	3	324.4
MED LT	361+52.09	371+73.18	3	340.4
MED RT	361+52.09	371+73.18	3	340.4
MED LT	372+56.03	393+39.90	3	694.6
MED RT	372+56.03	393+39.90	3	694.6
RT	372+84.88	415+67.32	5	2,379.1
MED LT	393+88.13	404+75.93	3	362.6
MED RT	393+88.13	404+75.93	3	362.6
MED LT	405+25.90	411+10.41	3	194.8
LT	411+90.28	419+59.50	5	427.3
MED LT	411+77.18	419+60.59	3	261.1
MED RT	411+77.18	417+68.30	3	197.0
MED LT	420+83.34	437+98.33	3	571.7
MED RT	420+83.34	437+98.33	3	571.7
RT	421+01.60	450+77.20	5	1,653.1
LT	425+21.62	463+16.98	5	2,108.5
MED LT	438+51.86	451+71.04	3	439.7
MED RT	438+51.86	451+71.04	3	439.7
MED LT	452+30.72	463+59.92	3	376.4
MED RT	452+30.72	463+59.92	3	376.4
RT	453+26.00	494+45.32	5	2,288.5
MED LT	464+24.16	472+18.70	3	264.8
MED RT	464+24.16	472+18.70	3	264.8
LT	467+05.40	509+66.31	5	2,367.2
RT	501+79.71	516+42.80	5	812.8
MED LT	472+68.25	486+92.38	3	474.7
MED RT	472+68.25	486+92.38	3	474.7
MED LT	487+39.29	498+09.97	3	356.9
MED RT	487+39.29	499+26.91	3	395.9
LTL @ CASE MED RT	405+25.90	411+10.41	3	194.8

TOTAL	50,344

40600275 BITUMINOUS MATERIALS (PRIME COAT)

LOC	STA	STA	WIDTH (FT)	SQ FT	FACTOR	POUNDS
LT	178+18.00	192+96.90	5	7,395	0.25	1,849
MED LT	178+18.00	195+98.00	3	5,340	0.25	1,335
MED RT	177+90.00	188+30.00	3	3,120	0.25	780
RT	177+90.00	189+19.00	5	5,645	0.25	1,411
LT	193+74.00	213+32.72	5	9,794	0.25	2,448
MED LT	193+74.00	214+13.14	3	6,117	0.25	1,529
MED RT	193+74.00	214+83.81	3	6,329	0.25	1,582
RT	194+35.97	213+33.80	5	9,469	0.25	2,372
LT	223+94.65	230+03.53	5	3,044	0.25	761
MED LT	225+39.42	229+05.96	3	1,100	0.25	275
MED RT	219+16.70	229+05.96	3	2,968	0.25	742
RT	219+76.31	238+96.60	5	9,601	0.25	2,400
LT	234+16.91	241+56.80	5	3,699	0.25	925
MED LT	229+63.33	238+31.79	3	2,605	0.25	651
MED RT	229+63.33	238+31.79	3	2,605	0.25	651
MED LT	238+82.61	241+55.59	3	819	0.25	205
MED RT	238+82.61	240+91.76	3	627	0.25	157
RT	241+08.07	245+15.17	5	2,035	0.25	509
RT	245+74.62	272+02.00	5	13,137	0.25	3,284
MED RT	245+97.53	276+62.00	3	9,193	0.25	2,298
MED LT	252+54.28	277+16.00	3	7,385	0.25	1,846
LT	251+63.00	267+52.00	5	7,945	0.25	1,986
LT	267+11.37	267+52.00	5	203	0.25	51
LT	267+11.50	277+16.00	5	5,023	0.25	1,256
RT	271+68.02	272+03.10	2	70	0.25	18
RT	271+72.81	276+62.00	5	2,446	0.25	611
LT	280+04.09	282+52.50	5	1,242	0.25	311
RT	280+73.00	290+08.10	5	4,675	0.25	1,169
MED LT	280+72.36	309+63.30	3	8,673	0.25	2,168
MED RT	280+23.90	309+63.00	3	8,817	0.25	2,204
LT	289+06.70	323+64.15	5	17,287	0.25	4,322
RT	289+48.98	314+16.47	5	12,337	0.25	3,084
RT	289+48.98	290+09.08	2	120	0.25	30
MED LT	310+25.60	323+82.01	3	4,069	0.25	1,017
MED RT	310+25.60	323+82.01	3	4,069	0.25	1,017
RT	317+10.21	334+02.71	5	8,463	0.25	2,116
RT	340+03.49	347+27.69	5	3,621	0.25	905
LT	324+48.95	349+52.06	5	12,516	0.25	3,129
MED LT	324+48.95	350+44.60	3	7,787	0.25	1,947
MED RT	324+48.95	350+44.60	3	7,787	0.25	1,947
LT	354+02.67	411+01.00	5	28,492	0.25	7,123
RT	361+58.40	363+67.90	5	1,048	0.25	262
RT	364+54.50	364+65.40	5	55	0.25	14
RT	367+11.30	371+65.20	5	2,269	0.25	567
MED LT	351+31.23	361+04.51	3	2,920	0.25	730
MED RT	351+31.23	361+04.51	3	2,920	0.25	730
MED LT	361+52.09	371+73.18	3	3,063	0.25	766
MED RT	361+52.09	371+73.18	3	3,063	0.25	766
MED LT	372+56.03	393+39.90	3	6,252	0.25	1,563
MED RT	372+56.03	393+39.90	3	6,252	0.25	1,563
RT	372+84.88	415+67.32	5	21,412	0.25	5,353
MED LT	393+88.13	404+75.93	3	3,263	0.25	816
MED RT	393+88.13	404+75.93	3	3,263	0.25	816
MED LT	405+25.90	411+10.41	3	1,754	0.25	438
LT	411+90.28	419+59.50	5	3,846	0.25	962
MED LT	411+77.18	419+60.59	3	2,350	0.25	588
MED RT	411+77.18	417+68.30	3	1,773	0.25	443
MED LT	420+83.34	437+98.33	3	5,145	0.25	1,286
MED RT	420+83.34	437+98.33	3	5,145	0.25	1,286
RT	421+01.60	450+77.20	5	14,878	0.25	3,720
LT	425+21.62	463+16.98	5	18,977	0.25	4,744
MED LT	438+51.86	451+71.04	3	3,958	0.25	989
MED RT	438+51.86	451+71.04	3	3,958	0.25	989
MED LT	452+30.72	463+59.92	3	3,388	0.25	847
MED RT	452+30.72	463+59.92	3	3,388	0.25	847
RT	453+26.00	494+45.32	5	20,597	0.25	5,149
MED LT	464+24.16	472+18.70	3	2,384	0.25	596
MED RT	464+24.16	472+18.70	3	2,384	0.25	596
LT	467+05.40	509+66.31	5	21,305	0.25	5,326
RT	501+79.71	516+42.80	5	7,315	0.25	1,829
MED LT	472+68.25	486+92.38	3	4,272	0.25	1,068
MED RT	472+68.25	486+92.38	3	4,272	0.25	1,068
MED LT	487+39.29	498+09.97	3	3,212	0.25	803
MED RT	487+39.29	499+26.91	3	3,563	0.25	891
LTL @ CASE MED RT	405+25.90	411+10.41	3	1,754	0.25	438
LTL @ CASE PVMT	405+25.90	411+10.41		5,002.49	0.25	1,251

TOTAL	114,524	POUND

40600290 BITUMINOUS MATERIALS (TACK COAT)

LOC	STA	STA	WIDTH (FT)	SQ FT	FACTOR	APPLS	POUNDS
LT	178+18.00	192+96.90	5	7,395	0.025	2	370
MED LT	178+18.00	195+98.00	3	5,340	0.025	2	267
MED RT	177+90.00	188+30.00	3	3,120	0.025	2	156
RT	177+90.00	189+19.00	5	5,645	0.025	2	282
LT	193+74.00	213+32.72	5	9,794	0.025	2	490
MED LT	193+74.00	214+13.14	3	6,117	0.025	2	306
MED RT	193+74.00	214+83.81	3	6,329	0.025	2	316
RT	194+35.97	213+33.80	5	9,489	0.025	2	474
LT	223+94.65	230+03.53	5	3,044	0.025	2	152
MED LT	225+39.42	229+05.96	3	1,100	0.025	2	55
MED RT	219+16.70	229+05.96	3	2,968	0.025	2	148
RT	219+76.31	238+96.60	5	9,601	0.025	2	480
LT	234+16.91	241+56.80	5	3,699	0.025	2	185
MED LT	229+63.33	238+31.79	3	2,605	0.025	2	130
MED RT	229+63.33	238+31.79	3	2,605	0.025	2	130
MED LT	238+82.61	241+55.59	3	819	0.025	2	41
MED RT	238+82.61	240+91.76	3	627	0.025	2	31
RT	241+08.07	245+15.17	5	2,035	0.025	2	102
RT	245+74.62	272+02.00	5	13,137	0.025	2	657
MED RT	245+97.53	276+62.00	3	9,193	0.025	2	460
MED LT	252+54.28	277+16.00	3	7,385	0.025	2	369
LT	251+63.00	267+52.00	5	7,945	0.025	2	397
LT	267+11.37	267+52.00	5	203	0.025	2	10
LT	267+11.50	277+16.00	5	5,023	0.025	2	251
RT	271+68.02	272+03.10	2	70	0.025	2	4
RT	271+72.81	276+62.00	5	2,446	0.025	2	122
LT	280+04.09	282+52.50	5	1,242	0.025	2	62
RT	280+73.00	290+08.10	5	4,675	0.025	2	234
MED LT	280+72.36	309+63.30	3	8,673	0.025	2	434
MED RT	280+23.90	309+63.00	3	8,817	0.025	2	441
LT	289+06.70	323+64.15	5	17,287	0.025	2	864
RT	289+48.98	314+16.47	5	12,337	0.025	2	617
RT	289+48.98	290+09.08	2	120	0.025	2	6
MED LT	310+25.60	323+82.01	3	4,069	0.025	2	203
MED RT	310+25.60	323+82.01	3	4,069	0.025	2	203
RT	317+10.21	334+02.71	5	8,463	0.025	2	423
RT	340+03.49	347+27.69	5	3,621	0.025	2	181
LT	324+48.95	349+52.06	5	12,516	0.025	2	626
MED LT	324+48.95	350+44.60	3	7,787	0.025	2	389
MED RT	324+48.95	350+44.60	3	7,787	0.025	2	389
LT	354+02.67	411+01.00	5	28,492	0.025	2	1,425
RT	361+58.40	363+67.90	5	1,048	0.025	2	52
RT	364+54.50	364+65.40	5	55	0.025	2	3
RT	367+11.30	371+65.20	5	2,269	0.025	2	113
MED LT	351+31.23	361+04.51	3	2,920	0.025	2	146
MED RT	351+31.23	361+04.51	3	2,920	0.025	2	146
MED LT	361+52.09	371+73.18	3	3,063	0.025	2	153
MED RT	361+52.09	371+73.18	3	3,063	0.025	2	153
MED LT	372+56.03	393+39.90	3	6,252	0.025	2	313
MED RT	372+56.03	393+39.90	3	6,252	0.025	2	313
RT	372+84.88	415+67.32	5	21,412	0.025	2	1,071
MED LT	393+88.13	404+75.93	3	3,263	0.025	2	163
MED RT	393+88.13	404+75.93	3	3,263	0.025	2	163
MED LT	405+25.90	411+10.41	3	1,754	0.025	2	88
LT	411+90.28	419+59.50	5	3,846	0.025	2	192
MED LT	411+77.18	419+60.59	3	2,350	0.025	2	118
MED RT	411+77.18	417+68.30	3	1,773	0.025	2	89
MED LT	420+83.34	437+98.33	3	5,145	0.025	2	257
MED RT	420+83.34	437+98.33	3	5,145	0.025	2	257
RT	421+01.60	450+77.20	5	14,878	0.025	2	744
LT	425+21.62	463+16.98	5	18,977	0.025	2	949
MED LT	438+51.86	451+71.04	3	3,958	0.025	2	198
MED RT	438+51.86	451+71.04	3	3,958	0.025	2	198
MED LT	452+30.72	463+59.92	3	3,388	0.025	2	169
MED RT	452+30.72	463+59.92	3	3,388	0.025	2	169
RT	453+26.00	494+45.32	5	20,597	0.025	2	1,030
MED LT	464+24.16	472+18.70	3	2,384	0.025	2	119
MED RT	464+24.16	472+18.70	3	2,384	0.025	2	119
LT	467+05.40	509+66.31	5	21,305	0.025	2	1,065
RT	501+79.71	516+42.80	5	7,315	0.025	2	366
MED LT	472+68.25	486+92.38	3	4,272	0.025	2	214
MED RT	472+68.25	486+92.38	3	4,272	0.025	2	214
MED LT	487+39.29	498+09.97	3	3,212	0.025	2	161
MED RT	487+39.29	499+20.91	3	3,503	0.025	2	176
LTL @ CASE MED RT	405+25.90	411+10.41	3	1,754	0.025	2	88
LTL @ CASE PVMT	405+25.90	411+10.41		5,002.49	0.025	4	500
US 12	193+68	277+16		471,431.04	0.025	1	11,786
US 12	280+24	517+19.42		1,333,130.33	0.025	1	33,328
US 12	523+54.45	538+73.14		111,467.12	0.025	1	2,787

TOTAL	71,057	POUND

MODEL: Sch4 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhillProjects\WO1_62P73-US12-RandRd\IL59\09-CADD\3_Sheets\D162P73-sht-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 4 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	12

CONTRACT NO. 62P73
ILLINOIS | FED. AID PROJECT

40600370 LONGITUDINAL JOINT SEALANT

LOC	STA.	STA.	TOTAL (FOOT)
Lane Line RT	193+72.00	276+63.00	8,291.0
Lane Line RT	280+24.00	517+19.00	23,095.0
Lane Line RT	523+54.00	538+73.00	1,519.0
Lane Line LT	193+72.00	277+16.00	8,344.0
Lane Line LT	280+73.00	517+19.00	23,646.0
Lane Line LT	523+54.00	538+73.00	1,519.0
LTL LT	193+77.00	198+16.00	439.0
LTL RT	209+57.00	218+32.00	875.0
LTL LT	219+28.00	223+92.00	464.0
LTL RT	234+38.00	238+21.00	383.0
LTL LT	238+95.00	242+11.00	316.0
LTL RT	319+45.00	323+75.00	430.0
LTL LT	324+59.00	328+81.00	422.0
LTL RT	346+17.00	350+51.00	434.0
LTL LT	351+47.00	355+86.00	439.0
LTL RT	356+97.00	361+00.00	403.0
LTL LT	359+00.00	365+36.00	636.0
LTL RT	367+37.00	371+66.00	429.0
LTL LT	372+60.00	377+37.00	477.0
LTL RT	389+80.00	393+32.00	352.0
LTL LT	393+91.00	397+39.00	348.0
LTL RT	401+28.00	404+73.00	345.0
LTL LT	405+36.00	409+04.00	368.0
LTL RT	405+24.00	411+04.00	580.0
LTL LT	411+86.00	415+86.00	400.0
LTL RT	415+26.00	420+15.00	489.0
LTL LT	420+90.00	424+22.00	332.0
LTL RT	433+32.00	438+00.00	468.0
LTL LT	438+40.00	442+65.00	425.0
LTL RT	447+50.00	452+00.00	450.0
LTL LT	452+00.00	456+40.00	440.0
LTL RT	459+18.00	464+00.00	482.0
LTL LT	464+00.00	468+43.00	443.0
LTL RT	467+42.00	472+50.00	508.0
LTL LT	472+50.00	477+31.00	481.0
LTL RT	482+76.00	487+00.00	424.0
LTL LT	487+00.00	490+12.00	312.0
LTL LT	500+00.00	507+00.00	700.0
LTL RT	503+62.00	509+52.00	590.0
LTL RT	513+91.00	517+20.00	329.0
LTL LT	523+54.00	538+73.00	1,519.0
LTL RT	525+24.00	538+73.00	1,349.0
RTL RT	213+58.00	220+00.00	642.0
RTL LT	218+50.00	223+94.00	544.0
RTL LT	324+00.00	328+81.00	481.0
RTL RT	334+00.00	336+93.00	293.0
RTL RT	336+93.00	340+00.00	307.0
RTL RT	347+32.00	350+50.00	318.0
RTL LT	420+00.00	425+76.00	576.0
RTL LT	464+00.00	467+00.00	300.0
RTL RT	494+45.00	501+50.00	705.0
RTL LT	509+00.00	517+19.00	819.0
RTL LT	531+00.00	535+00.00	400.0
RTE 59 Ramp	241+27.00	250+73.00	946.0
RTE 59 Ramp	251+62.00	267+12.00	1,550.0
RTE 176 Ramp	263+14.00	271+80.00	866.0
RTE 176 Ramp	290+08.00	300+00.00	992.0
RTE 176 Ramp	285+86.00	299+57.00	1,371.0
TOTAL	**96,405**	**FEET**	

40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

INTERSECTION	LENGTH OF BUTT JOINT (FEET)	WIDTH OF BUTT JOINT (FEET)	TOTAL AREA (SQYD)
Old Rand Rd (North Leg)	4.5	73.0	36.5
Patton Dr (West Leg)	4.5	115.0	57.5
Rt 59 Ent Ramps US 12	4.5	16.0	8.0
Rt 59 Ex Ramps US 12	4.5	16.0	8.0
Rt 176 Ent Ramp	4.5	18.0	9.0
Rt 176 Exit Ramp	4.5	18.0	9.0
SB Bridge Omission	4.5	24.0	12.0
SB Bridge Omission	4.5	24.0	12.0
NB Bridge Omission	4.5	24.0	12.0
NB Bridge Omission	4.5	24.0	12.0
Cook St	4.5	30.0	15.0
Bonner Rd (West Leg)	4.5	45.0	22.5
Bonner Rd (East Leg)	4.5	70.0	35.0
N Old Rand Rd (East Leg)	4.5	28.0	14.0
Case Rd (West Leg)	4.5	24.0	12.0
CE @ Approx 420+30	4.5	40.0	20.0
CE @ Approx 429+50	4.5	23.0	11.5
CE @ Approx 451+95	4.5	67.0	33.5
Russel Dr	4.5	32.0	16.0
CE @ Approx 510+10	4.5	32.0	16.0
CE @ Approx 514+70	4.5	19.0	9.5
US 20 (Sta 517+19.42)	4.5	87.0	43.5
US 20 (Sta 523+54.45)	4.5	87.0	43.5
Volo Village Rd (West Leg)	4.5	40.0	20.0
Volo Village Rd (East Leg)	4.5	48.0	24.0
Proj Lmt (Sta 538+73)	4.5	60.0	30.0
		TOTAL	542.0

40601005 HOT-MIX ASPHALT REPLACEMENT OVER PATCHES

Per IDOT	2520	TON

40604060 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

Sta	Area (SF)	Area (SY)		THICK (IN)	TON
222+50	203	23	CE	2	2.5
223+50	190	22	CE	2	2.4
224+50	175	19	CE	2	2.2
225+50	295	33	CE	2	3.7
226+50	251	28	CE	2	3.1
228+50	399	44	CE	2	5.0
229+50	161	18	CE	2	2.0
231+50	161	18	CE	2	2.0
233+00	161	18	CE	2	2.0
238+50	293	33	CE	2	3.6
252+50	241	27	CE	2	3.0
257+50	199	22	CE	2	2.5
260+00	334	37	CE	2	4.2
261+00	280	31	CE	2	3.5
333+00	447	50	CE	2	5.6
342+50	336	37	CE	2	4.2
363+00	213	24	CE	2	2.7
389+50	162	18	CE	2	2.0
393+50	170	19	CE	2	2.1
405+00	275	31	CE	2	3.4
409+00	270	30	CE	2	3.4
411+00	223	25	CE	2	2.8
411+50	176	20	PE	2	2.2
412+00	187	21	CE	2	2.3
412+50	141	16	CE	2	1.8
437+00	101	11	CE	2	1.3
438+00	216	24	CE	2	2.7
438+50	214	24	CE	2	2.7
450+50	205	23	CE	2	2.6
452+00	413	46	CE	2	5.1
458+50	117	13	CE	2	1.5
458+50	257	29	CE	2	3.2
460+50	136	15	PE	2	1.7
460+50	145	16	CE	2	1.8
463+75	168	19	CE	2	2.1
472+50	100	11	PE	2	1.2
472+50	318	35	PE	2	4.0
479+50	495	55	PE	2	6.2
482+00	253	28	CE	2	3.1
483+50	179	20	PE	2	2.2
483+50	179	20	CE	2	2.2
487+00	304	34	PE	2	3.8
				TOTAL	122

40604062 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

LOC	STA	STA	SQ FT	SQ YD	DEPTH (IN)	TON
US 12 (SHOULDERS STA 177+90 TO STA 192+98.0				2,388.8	1.75	235
					TOTAL	235

40605026 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80

LOC	STA	STA	SQ FT	SQ YD	DEPTH (IN)	TON
CASE ROAD LTL	405+23.9	411+03.7	5,002.49	556	1.75	55
CASE ROAD LTL SHLDR	405+23.9	411+03.7	1,753.5	195	1.75	20
US 12 (LANES)	193+68	277+16	471,431.04	52,381.23	1.75	5,134
US 12 (LANES)	280+24	517+19.42	1,333,130.33	148,125.59	1.75	14,517
US 12 (LANES)	523+54.45	538+72.93	111,467.12	12,385.24	1.75	1,214
US 12 (SHOULDERS STA 193+72.4 TO STA 728+45				47,955.2	1.75	4,700
					TOTAL	25,640

44000200 DRIVEWAY PAVEMENT REMOVAL

Sta	Area (SF)	Area (SY)
222+50	203	23
223+50	196	22
224+50	175	19
225+50	295	33
226+50	251	28
228+50	399	44
229+50	161	18
231+50	161	18
233+00	161	18
238+50	293	33
252+50	241	27
257+50	199	22
260+00	334	37
261+00	280	31
333+00	447	50
342+50	336	37
363+00	213	24
389+50	162	18
393+50	170	19
405+00	275	31
409+00	270	30
411+00	223	25
411+50	176	20
412+00	187	21
412+50	141	16
437+00	101	11
438+00	216	24
438+50	214	24
450+50	205	23
452+00	413	46
458+50	117	13
458+50	257	29
460+50	136	15
460+50	145	16
463+75	168	19
472+50	100	11
472+50	318	35
479+50	495	55
482+00	253	28
483+50	179	20
483+50	179	20
487+00	304	34
	TOTAL	1,084

44000100 PAVEMENT REMOVAL

LOC	STA	STA	LF	Width (ft)	Area (SF)	Area (SY)
LT	178+18.00	192+96.90	1478.90	1	1478.9	165
MED LT	178+18.00	195+98.00	1780.00	1	1780.0	198
MED RT	177+90.00	188+30.00	1040.00	1	1040.0	116
RT	177+90.00	189+19.00	1129.00	1	1129.0	126
LT	193+74.00	213+32.72	1958.72	1	1958.7	218
MED LT	193+74.00	214+13.14	2039.14	1	2039.1	227
MED RT	193+74.00	214+83.81	2109.81	1	2109.8	235
RT	194+35.97	213+33.80	1897.83	1	1897.8	211
LT	223+94.65	230+03.53	608.88	1	608.9	68
MED LT	225+39.42	229+05.96	366.54	1	366.5	41
MED RT	219+16.70	229+05.96	989.26	1	989.3	110
RT	219+76.31	238+97.38	1921.07	1	1921.1	214
LT	234+16.91	241+56.80	739.89	1	739.9	83
MED LT	229+63.33	238+31.79	868.46	1	868.5	97
MED RT	229+63.33	238+31.79	868.46	1	868.5	97
MED LT	238+82.61	241+55.59	272.98	1	273.0	31
MED RT	238+82.61	240+91.76	209.15	1	209.1	24
RT	241+08.07	245+15.17	407.10	1	407.1	46
RT	245+74.62	271+96.07	2621.45	1	2621.5	292
MED RT	245+97.53	277+55.15	3157.62	1	3157.6	351
MED LT	252+54.28	277+83.34	2529.06	1	2529.1	282
LT	251+68.79	267+45.88	1577.09	1	1577.1	176
LT	267+11.37	267+50.81	39.44	1	39.4	5
LT	267+10.94	278+18.10	1107.16	1	1107.2	124
RT	271+68.02	272+03.10	35.08	1	35.1	4
RT	271+72.81	277+25.30	552.49	1	552.5	62
LT	280+04.09	282+51.93	247.84	1	247.8	28
RT	280+24.21	290+08.10	983.89	1	983.9	110
MED LT	280+72.36	309+63.30	2890.94	1	2890.9	322
MED RT	280+23.90	309+63.00	2939.10	1	2939.1	327
LT	288+72.21	323+64.15	3491.94	1	3491.9	388
RT	289+48.98	314+16.47	2467.49	1	2467.5	275
RT	289+48.98	290+09.08	60.10	1	60.1	7
MED LT	310+25.60	323+82.01	1356.41	1	1356.4	151
MED RT	310+25.60	323+82.01	1356.41	1	1356.4	151
RT	317+10.21	334+02.71	1692.50	1	1692.5	189
RT	340+03.49	347+27.69	724.20	1	724.2	81
LT	324+48.95	349+52.06	2503.11	1	2503.1	279
MED LT	324+48.95	350+44.60	2595.65	1	2595.7	289
MED RT	324+48.95	350+44.60	2595.65	1	2595.7	289
LT	354+02.67	411+01.00	5698.33	1	5698.3	634
RT	361+55.20	363+58.00	202.80	1	202.8	23
RT	367+11.30	371+65.23	453.93	1	453.9	51
RT	367+11.30	371+65.23	453.93	1	453.9	51
MED LT	351+31.23	361+04.51	973.28	1	973.3	109
MED RT	351+31.23	361+04.51	973.28	1	973.3	109
MED LT	361+52.09	371+73.18	1021.09	1	1021.1	114
MED RT	361+52.09	371+73.18	1021.09	1	1021.1	114
MED LT	372+56.03	393+39.90	2083.87	1	2083.9	232
MED RT	372+56.03	393+39.90	2083.87	1	2083.9	232
RT	372+84.88	415+67.32	4282.44	1	4282.4	476
MED LT	393+88.13	404+75.93	1087.80	1	1087.8	121
MED RT	393+88.13	404+75.93	1087.80	1	1087.8	121
MED LT	405+25.90	411+10.41	584.51	1	584.5	65
LT	411+90.28	419+43.40	753.12	1	753.1	84
MED LT	411+77.18	419+60.59	783.41	1	783.4	88
MED RT	411+77.18	417+68.30	591.12	1	591.1	66
MED LT	420+83.34	437+98.33	1714.99	1	1715.0	191
MED RT	420+83.34	437+98.33	1714.99	1	1715.0	191
RT	421+03.50	450+77.20	2973.70	1	2973.7	331
LT	425+21.62	463+16.98	3795.36	1	3795.4	422
MED LT	438+51.86	451+71.04	1319.18	1	1319.2	147
MED RT	438+51.86	451+71.04	1319.18	1	1319.2	147
MED LT	452+30.72	463+59.92	1129.20	1	1129.2	126
MED RT	452+30.72	463+59.92	1129.20	1	1129.2	126
RT	453+26.00	494+45.32	4119.32	1	4119.3	458
MED LT	464+24.16	472+18.70	794.54	1	794.5	89
MED RT	464+24.16	472+18.70	794.54	1	794.5	89
LT	467+06.81	509+66.31	4259.50	1	4259.5	474
RT	501+79.71	516+42.80	1463.09	1	1463.1	163
MED LT	472+68.25	486+92.38	1424.13	1	1424.1	159
MED RT	472+68.25	486+92.38	1424.13	1	1424.1	159
MED LT	487+39.29	498+09.97	1070.68	1	1070.7	119
MED RT	487+39.29	499+26.91	1187.62	1	1187.6	132
LTL @ CASE MED RT	405+25.90	411+10.41	584.51	1	584.5	65
TOTAL	12767	SQ YD				

44000156 HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

LOC	STA	STA	SQ FT	SQ YD
US 12	193+68	277+16	471,431.04	52,381.23
US 12	280+24	517+19.42	1,333,130.33	148,125.59
US 12	523+54.45	538+72.93	111,467.12	12,385.24
			TOTAL	**212,893**

44002212 HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"

Per IDOT	15000	SQYD

60100060 CONCRETE HEADWALLS FOR PIPE DRAINS

LOC	STA	STA	# OF HEADWALLS 1 PER 400'
LT	178+18.00	192+96.90	4
MED LT	178+18.00	195+98.00	5
MED RT	177+90.00	188+30.00	3
RT	177+90.00	189+19.00	3
LT	193+74.00	213+32.72	5
MED LT	193+74.00	214+13.14	6
MED RT	193+74.00	214+83.81	6
RT	194+35.97	213+33.80	5
LT	223+94.65	230+03.53	2
MED LT	225+39.42	229+05.96	1
MED RT	219+16.70	229+05.96	3
RT	219+76.31	238+97.38	5
LT	234+16.91	241+56.80	2
MED LT	229+63.33	238+31.79	3
MED RT	229+63.33	238+31.79	3
MED LT	238+82.61	241+55.59	1
MED RT	238+82.61	240+91.76	1
RT	241+08.07	245+15.17	2
RT	245+74.62	271+96.07	7
MED RT	245+97.53	277+55.15	8
MED LT	252+54.28	277+83.34	7
LT	251+68.79	267+45.88	4
LT	267+11.37	267+50.81	1
LT	267+10.94	278+18.10	3
RT	271+68.02	272+03.10	1
RT	271+72.81	277+25.30	2
LT	280+04.09	282+51.93	1
RT	280+24.21	290+08.10	3
MED LT	280+72.36	309+63.30	8
MED RT	280+23.90	309+63.00	8
LT	288+72.21	323+64.15	9
RT	289+48.98	314+16.47	7
RT	289+48.98	290+09.08	1
MED LT	310+25.60	323+82.01	4
MED RT	310+25.60	323+82.01	4
RT	317+10.21	334+02.71	5
RT	340+03.49	347+27.69	2
LT	324+48.95	349+52.06	7
MED LT	324+48.95	350+44.60	7
MED RT	324+48.95	350+44.60	7
LT	354+02.67	411+01.00	15
RT	361+55.20	363+58.00	1
RT	367+11.30	371+65.23	2
RT	367+11.30	371+65.23	2
MED LT	351+31.23	361+04.51	3
MED RT	351+31.23	361+04.51	3
MED LT	361+52.09	371+73.18	3
MED RT	361+52.09	371+73.18	3
MED LT	372+56.03	393+39.90	6
MED RT	372+56.03	393+39.90	6
RT	372+84.88	415+67.32	11
MED LT	393+88.13	404+75.93	3
MED RT	393+88.13	404+75.93	3
MED LT	405+25.90	411+10.41	2
LT	411+90.28	419+43.40	2
MED LT	411+77.18	419+60.59	2
MED RT	411+77.18	417+68.30	2
MED LT	420+83.34	437+98.33	5
MED RT	420+83.34	437+98.33	5
RT	421+03.50	450+77.20	8
LT	425+21.62	463+16.98	10
MED LT	438+51.86	451+71.04	4
MED RT	438+51.86	451+71.04	4
MED LT	452+30.72	463+59.92	3
MED RT	452+30.72	463+59.92	3
RT	453+26.00	494+45.32	11
MED LT	464+24.16	472+18.70	2
MED RT	464+24.16	472+18.70	2
LT	467+06.81	509+66.31	11
RT	501+79.71	516+42.80	4
MED LT	472+68.25	486+92.38	4
MED RT	472+68.25	486+92.38	4
MED LT	487+39.29	498+09.97	3
MED RT	487+39.29	499+26.91	3
LTL @ CASE MED RT	405+25.90	411+10.41	2
TOTAL	323	EACH	

MODEL: Sch5 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhil\Projects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D1\62P73-sht-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 4/2/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 5 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	13

CONTRACT NO. 62P73
ILLINOIS | FED. AID PROJECT

60108100 PIPE UNDERDRAINS 4" (SPECIAL)

LOC	STA	STA	# OF OUTFALL 1 PER 400'	LENGTH (FT) ASSUME 20' EACH
LT	178+18.00	192+96.90	4.0	80.0
MED LT	178+18.00	195+98.00	5.0	100.0
MED RT	177+90.00	188+30.00	3.0	60.0
RT	177+90.00	189+19.00	3.0	60.0
LT	193+74.00	213+32.72	5.0	100.0
MED LT	193+74.00	214+13.14	6.0	120.0
MED RT	193+74.00	214+83.81	6.0	120.0
RT	194+35.97	213+33.80	5.0	100.0
LT	223+94.65	230+03.53	2.0	40.0
MED LT	225+39.42	229+05.96	1.0	20.0
MED RT	219+16.70	229+05.96	3.0	60.0
RT	219+76.31	238+97.38	5.0	100.0
LT	234+16.91	241+56.80	2.0	40.0
MED LT	229+63.33	238+31.79	3.0	60.0
MED RT	229+63.33	238+31.79	3.0	60.0
MED LT	238+82.61	241+55.59	1.0	20.0
MED RT	238+82.61	240+91.76	1.0	20.0
RT	241+08.07	245+15.17	2.0	40.0
RT	245+74.62	271+96.07	7.0	140.0
MED RT	245+97.53	277+55.15	8.0	160.0
MED LT	252+54.28	277+83.34	7.0	140.0
LT	251+68.79	267+45.88	4.0	80.0
LT	267+11.37	267+50.81	1.0	20.0
LT	267+10.94	278+18.10	3.0	60.0
RT	271+68.02	272+03.10	1.0	20.0
RT	271+72.81	277+25.30	2.0	40.0
LT	280+04.09	282+51.93	1.0	20.0
RT	280+24.21	290+08.10	3.0	60.0
MED LT	280+72.36	309+63.30	8.0	160.0
MED RT	280+23.90	309+63.00	8.0	160.0
LT	288+72.21	323+64.15	9.0	180.0
RT	289+48.98	314+16.47	7.0	140.0
RT	289+48.98	290+09.08	1.0	20.0
MED LT	310+25.60	323+82.01	4.0	80.0
MED RT	310+25.60	323+82.01	4.0	80.0
RT	317+10.21	334+02.71	5.0	100.0
RT	340+03.49	347+27.69	2.0	40.0
LT	324+48.95	349+52.06	7.0	140.0
MED LT	324+48.95	350+44.60	7.0	140.0
MED RT	324+48.95	350+44.60	7.0	140.0
LT	354+02.67	411+01.00	15.0	300.0
RT	361+55.20	363+58.00	1.0	20.0
RT	367+11.30	371+65.23	2.0	40.0
RT	367+11.30	371+65.23	2.0	40.0
MED LT	351+31.23	361+04.51	3.0	60.0
MED RT	351+31.23	361+04.51	3.0	60.0
MED LT	361+52.09	371+73.18	3.0	60.0
MED RT	361+52.09	371+73.18	3.0	60.0
MED LT	372+56.03	393+39.90	6.0	120.0
MED RT	372+56.03	393+39.90	6.0	120.0
RT	372+84.88	415+67.32	11.0	220.0
MED LT	393+88.13	404+75.93	3.0	60.0
MED RT	393+88.13	404+75.93	3.0	60.0
MED LT	405+25.90	411+10.41	2.0	40.0
LT	411+90.28	419+43.40	2.0	40.0
MED LT	411+77.10	419+60.59	2.0	40.0
MED RT	411+77.18	417+68.30	2.0	40.0
MED LT	420+83.34	437+98.33	5.0	100.0
MED RT	420+83.34	437+98.33	5.0	100.0
RT	421+03.50	450+77.20	8.0	160.0
LT	425+21.62	463+16.98	10.0	200.0
MED LT	438+51.86	451+71.04	4.0	80.0
MED RT	438+51.86	451+71.04	4.0	80.0
MED LT	452+30.72	463+59.92	3.0	60.0
MED RT	452+30.72	463+59.92	3.0	60.0
RT	453+26.00	494+45.32	11.0	220.0
MED LT	464+24.16	472+18.70	2.0	40.0
MED RT	464+24.16	472+18.70	2.0	40.0
LT	467+06.81	509+66.31	11.0	220.0
RT	501+79.71	516+42.80	4.0	80.0
MED LT	472+68.25	486+92.38	4.0	80.0
MED RT	472+68.25	486+92.38	4.0	80.0
MED LT	487+39.29	498+09.97	3.0	60.0
MED RT	487+39.29	499+26.91	3.0	60.0
LTL @ CASE	405+25.90	411+10.41	2.0	40.0
MED RT				

TOTAL	6,460	FOOT

60108204 PIPE UNDERDRAINS, TYPE 2, 4"

LOC	STA	STA	LENGTH (FT)
LT	178+18.00	192+96.90	1,478.9
MED LT	178+18.00	195+98.00	1,780.0
MED RT	177+90.00	188+30.00	1,040.0
RT	177+90.00	189+19.00	1,129.0
LT	193+74.00	213+32.72	1,958.7
MED LT	193+74.00	214+13.14	2,039.1
MED RT	193+74.00	214+83.81	2,109.8
RT	194+35.97	213+33.80	1,897.8
LT	223+94.65	230+03.53	608.9
MED LT	225+39.42	229+05.96	366.5
MED RT	219+16.70	229+05.96	989.3
RT	219+76.31	238+97.38	1,921.1
LT	234+16.91	241+56.80	739.9
MED LT	229+63.33	238+31.79	868.5
MED RT	229+63.33	238+31.79	868.5
MED LT	238+82.61	241+55.59	273.0
MED RT	238+82.61	240+91.76	209.1
RT	241+08.07	245+15.17	407.1
RT	245+74.62	271+96.07	2,621.5
MED RT	245+97.53	277+55.15	3,157.6
MED LT	252+54.28	277+83.34	2,529.1
LT	251+68.79	267+45.88	1,577.1
LT	267+11.37	267+50.81	39.4
LT	267+10.94	278+18.10	1,107.2
RT	271+68.02	272+03.10	35.1
RT	271+72.81	277+25.30	552.5
LT	280+04.09	282+51.93	247.8
RT	280+24.21	290+08.10	983.9
MED LT	280+72.36	309+63.30	2,890.9
MED RT	280+23.90	309+63.00	2,939.1
LT	288+72.21	323+64.15	3,491.9
RT	289+48.98	314+16.47	2,467.5
RT	289+48.98	290+09.08	60.1
MED LT	310+25.60	323+82.01	1,356.4
MED RT	310+25.60	323+82.01	1,356.4
RT	317+10.21	334+02.71	1,692.5
RT	340+03.49	347+27.69	724.2
LT	324+48.95	349+52.06	2,503.1
MED LT	324+48.95	350+44.60	2,595.7
MED RT	324+48.95	350+44.60	2,595.7
LT	354+02.67	411+01.00	5,698.3
RT	361+55.20	363+58.00	202.8
RT	367+11.30	371+65.23	453.9
RT	367+11.30	371+65.23	453.9
MED LT	351+31.23	361+04.51	973.3
MED RT	351+31.23	361+04.51	973
MED LT	361+52.09	371+73.18	1,021
MED RT	361+52.09	371+73.18	1,021
MED LT	372+56.03	393+39.90	2,084
MED RT	372+56.03	393+39.90	2,084
RT	372+84.88	415+67.32	4,282
MED LT	393+88.13	404+75.93	1,088
MED RT	393+88.13	404+75.93	1,088
MED LT	405+25.90	411+10.41	585
LT	411+90.28	419+43.40	753
MED LT	411+77.18	419+60.59	783
MED RT	411+77.18	417+68.30	591
MED LT	420+83.34	437+98.33	1,715
MED RT	420+83.34	437+98.33	1,715
RT	421+03.50	450+77.20	2,974
LT	425+21.62	463+16.98	3,795
MED LT	438+51.86	451+71.04	1,319
MED RT	438+51.86	451+71.04	1,319
MED LT	452+30.72	463+59.92	1,129
MED RT	452+30.72	463+59.92	1,129
RT	453+26.00	494+45.32	4,119
MED LT	464+24.16	472+18.70	795
MED RT	464+24.16	472+18.70	795
LT	467+06.81	509+66.31	4,260
RT	501+79.71	516+42.80	1,463
MED LT	472+68.25	486+92.38	1,424
MED RT	472+68.25	486+92.38	1,424
MED LT	487+39.29	498+09.97	1,071
MED RT	487+39.29	499+26.91	1,188
LTL @ CASE	405+25.90	411+10.41	585
MED RT			

TOTAL	114,565	FOOT

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

LOC	SQ FT	QTY	SQ FT
OLD RAND RD			
O	6.0	2	12.0
N	7.1	2	14.2
L	3.8	2	7.6
Y	3.9	2	7.8
LT/RT ARROW	15.6	2	31.2
		SUBTOTAL	73
PATTEN DR			
O	6.0	9	54.0
N	7.1	9	63.9
L	3.8	9	34.2
Y	3.9	9	35.1
LT/RT ARROW	15.6	9	140.4
		SUBTOTAL	328
C.E. STA. 229+00			
LT/U TURN	30.4	1	30.4
U TURN	16.3	1	16.3
		SUBTOTAL	47
C.E. STA. 238+50			
LT/U TURN	30.4	1	30.4
U TURN	16.3	1	16.3
		SUBTOTAL	47
PINE ST			
O	6.0	1	6.0
N	7.1	1	7.1
L	3.8	1	3.8
Y	3.9	1	3.9
LT/RT ARROW	15.6	1	15.6
		SUBTOTAL	36
COOK ST			
O	6.0	3	18.0
N	7.1	3	21.3
L	3.8	3	11.4
Y	3.9	3	11.7
LT/RT ARROW	15.6	2	31.2
U TURN	16.3	1	16.3
		SUBTOTAL	110
C.E. STA. 335+00			
O	6.0	1	6.0
N	7.1	1	7.1
L	3.8	1	3.8
Y	3.9	1	3.9
LT/RT ARROW	15.6	1	15.6
		SUBTOTAL	36

LOC	SQ FT	QTY	SQ FT
C.E. STA. 338+00			
O	6.0	1	6.0
N	7.1	1	7.1
L	3.8	1	3.8
Y	3.9	1	3.9
LT/RT ARROW	15.6	1	15.6
		SUBTOTAL	36
BONNER ROAD			
O	6.0	5	30.0
N	7.1	5	35.5
L	3.8	5	19.0
Y	3.9	5	19.5
LT/RT ARROW	15.6	5	78.0
		SUBTOTAL	182
C.E. STA. 361+00			
LT/U TURN	30.4	1	30.4
U TURN	16.3	1	16.3
		SUBTOTAL	47
N OLD RAND ROAD			
O	6.0	2	12.0
N	7.1	2	14.2
L	3.8	2	7.6
Y	3.9	2	7.8
LT/RT ARROW	15.6	1	15.6
U TURN	16.3	1	16.3
		SUBTOTAL	74
P.E. STA. 393+50			
O	6.0	1	6.0
N	7.1	1	7.1
L	3.8	1	3.8
Y	3.9	1	3.9
LT/U TURN	30.4	1	30.4
U TURN	16.3	1	16.3
		SUBTOTAL	68
C.E. STA. 405+00			
O	6.0	1	6.0
N	7.1	1	7.1
L	3.8	1	3.8
Y	3.9	1	3.9
LT/U TURN	30.4	1	30.4
U TURN	16.3	1	16.3
		SUBTOTAL	68

LOC	SQ FT	QTY	SQ FT
CASE RD			
O	6.0	2	12.0
N	7.1	2	14.2
L	3.8	2	7.6
Y	3.9	2	7.8
LT/RT ARROW	15.6	2	31.2
LT/U TURN	30.4	1	30.4
		SUBTOTAL	103
C.E. STA. 420+00			
O	6.0	4	24.0
N	7.1	4	28.4
L	3.8	4	15.2
Y	3.9	4	15.6
LT/RT ARROW	15.6	4	62.4
LT/U TURN	30.4	1	30.4
		SUBTOTAL	176
C.E. STA. 438+00			
O	6.0	1	6.0
N	7.1	1	7.1
L	3.8	1	3.8
Y	3.9	1	3.9
LT/U TURN	30.4	1	30.4
U TURN	16.3	1	16.3
		SUBTOTAL	68
C.E. & P.E. STA. 452+00			
LT/U TURN	30.4	2	60.8
		SUBTOTAL	61
N RUSSEL DR			
O	6.0	3	18.0
N	7.1	3	21.3
L	3.8	3	11.4
Y	3.9	3	11.7
LT/RT ARROW	15.6	3	46.8
		SUBTOTAL	109
STA. 472+50			
LT/U TURN	30.4	2	60.8
		SUBTOTAL	61
STA. 487+00			
O	6.0	1	6.0
N	7.1	1	7.1
L	3.8	1	3.8
Y	3.9	1	3.9
LT/U TURN	30.4	1	30.4
U TURN	16.3	1	16.3
		SUBTOTAL	68

LOC	SQ FT	QTY	SQ FT
N ELLIS DR			
O	6.0	4	24.0
N	7.1	4	28.4
L	3.8	4	15.2
Y	3.9	4	15.6
LT/RT ARROW	15.6	4	62.4
		SUBTOTAL	146
C.E. STA. 510+00			
O	6.0	5	30.0
N	7.1	5	35.5
L	3.8	5	19.0
Y	3.9	5	19.5
LT/RT ARROW	15.6	5	78.0
		SUBTOTAL	182
C.E. STA. 515+00			
O	6.0	2	12.0
N	7.1	2	14.2
L	3.8	2	7.6
Y	3.9	2	7.8
LT/RT ARROW	15.6	2	31.2
		SUBTOTAL	73
W BELVIDERE RD			
O	6.0	2	12.0
N	7.1	2	14.2
L	3.8	2	7.6
Y	3.9	2	7.8
LT/RT ARROW	15.6	2	31.2
		SUBTOTAL	73
VOLO VILLAGE RD			
O	6.0	5	30.0
N	7.1	5	35.5
L	3.8	5	19.0
Y	3.9	5	19.5
LT/RT ARROW	15.6	5	78.0
		SUBTOTAL	182
C.E. STA. 535+00			
O	6.0	2	12.0
N	7.1	2	14.2
L	3.8	2	7.6
Y	3.9	2	7.8
LT/RT ARROW	15.6	2	31.2
		SUBTOTAL	73

TOTAL	2,523

MODEL: Sch6 [Sheet]
FILE NAME: Z:\2023\232331_PTB210-002_VarPhillProjects\WO1_62P73-US12-RandRdoIL59\09-CADD\3_Sheets\D162P73-sth-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 6 OF 10 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	14

CONTRACT NO. 62P73
ILLINOIS | FED. AID PROJECT

78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
193+68.00	202+00.00	LT OUT	WHITE	SOLID	1	832
193+68.00	202+00.00	LT IN	YELLOW	SOLID	1	832
193+68.00	202+00.00	LT	WHITE	SKIP DASH	1	210
193+68.00	202+00.00	RT OUT	WHITE	SOLID	1	832
193+68.00	202+00.00	RT IN	YELLOW	SOLID	1	832
193+68.00	202+00.00	RT	WHITE	SKIP DASH	1	210
				SUBTOTAL		3748

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
202+00.00	217+00.00	LT OUT	WHITE	SOLID	1	1500
202+00.00	217+00.00	LT IN	YELLOW	SOLID	1	1500
202+00.00	217+00.00	LT	WHITE	SKIP DASH	1	370
202+00.00	217+00.00	RT OUT	WHITE	SOLID	1	1500
202+00.00	217+00.00	RT IN	YELLOW	SOLID	1	1500
202+00.00	217+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6740

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
217+00.00	232+00.00	LT OUT	WHITE	SOLID	1	1500
217+00.00	232+00.00	LT IN	YELLOW	SOLID	1	1500
217+00.00	232+00.00	LT	WHITE	SKIP DASH	1	380
217+00.00	232+00.00	RT OUT	WHITE	SOLID	1	1500
217+00.00	232+00.00	RT IN	YELLOW	SOLID	1	1500
217+00.00	232+00.00	RT	WHITE	SKIP DASH	1	380
				SUBTOTAL		6760

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
232+00.00	247+00.00	LT OUT	WHITE	SOLID	1	1500
232+00.00	247+00.00	LT IN	YELLOW	SOLID	1	1500
232+00.00	247+00.00	LT	WHITE	SKIP DASH	1	380
232+00.00	247+00.00	RT OUT	WHITE	SOLID	1	1500
232+00.00	247+00.00	RT IN	YELLOW	SOLID	1	1500
232+00.00	247+00.00	RT	WHITE	SKIP DASH	1	380
				SUBTOTAL		6760

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
247+00.00	262+00.00	LT OUT	WHITE	SOLID	1	1500
247+00.00	262+00.00	LT IN	YELLOW	SOLID	1	1500
247+00.00	262+00.00	LT	WHITE	SKIP DASH	1	380
247+00.00	262+00.00	RT OUT	WHITE	SOLID	1	1500
247+00.00	262+00.00	RT IN	YELLOW	SOLID	1	1500
247+00.00	262+00.00	RT	WHITE	SKIP DASH	1	380
				SUBTOTAL		6760

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
262+00.00	277+00.00	LT OUT	WHITE	SOLID	1	1500
262+00.00	277+00.00	LT IN	YELLOW	SOLID	1	1500
262+00.00	277+00.00	LT	WHITE	SKIP DASH	1	380
262+00.00	276+63.00	RT OUT	WHITE	SOLID	1	1463
262+00.00	276+63.00	RT IN	YELLOW	SOLID	1	1463
262+00.00	276+63.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6676

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
277+00.00	277+16.00	LT OUT	WHITE	SOLID	1	16
277+00.00	277+16.00	LT IN	YELLOW	SOLID	1	16
280+73.00	292+00.00	LT OUT	WHITE	SOLID	1	1127
280+73.00	292+00.00	LT IN	YELLOW	SOLID	1	1127
280+73.00	292+00.00	LT	WHITE	SKIP DASH	1	290
280+24.00	292+00.00	RT OUT	WHITE	SOLID	1	1176
280+24.00	292+00.00	RT IN	YELLOW	SOLID	1	1176
280+24.00	292+00.00	RT	WHITE	SKIP DASH	1	300
				SUBTOTAL		5228

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
292+00.00	307+00.00	LT OUT	WHITE	SOLID	1	1500
292+00.00	307+00.00	LT IN	YELLOW	SOLID	1	1500
292+00.00	307+00.00	LT	WHITE	SKIP DASH	1	370
292+00.00	307+00.00	RT OUT	WHITE	SOLID	1	1500
292+00.00	307+00.00	RT IN	YELLOW	SOLID	1	1500
292+00.00	307+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6740

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
307+00.00	322+00.00	LT OUT	WHITE	SOLID	1	1500
307+00.00	322+00.00	LT IN	YELLOW	SOLID	1	1500
307+00.00	322+00.00	LT	WHITE	SKIP DASH	1	380
307+00.00	322+00.00	RT OUT	WHITE	SOLID	1	1500
307+00.00	322+00.00	RT IN	YELLOW	SOLID	1	1500
307+00.00	322+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6750

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
322+00.00	337+00.00	LT OUT	WHITE	SOLID	1	1500
322+00.00	337+00.00	LT IN	YELLOW	SOLID	1	1500
322+00.00	337+00.00	LT	WHITE	SKIP DASH	1	350
322+00.00	337+00.00	RT OUT	WHITE	SOLID	1	1500
322+00.00	337+00.00	RT IN	YELLOW	SOLID	1	1500
322+00.00	337+00.00	RT	WHITE	SKIP DASH	1	380
				SUBTOTAL		6730

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
337+00.00	352+00.00	LT OUT	WHITE	SOLID	1	1500
337+00.00	352+00.00	LT IN	YELLOW	SOLID	1	1500
337+00.00	352+00.00	LT	WHITE	SKIP DASH	1	350
337+00.00	352+00.00	RT OUT	WHITE	SOLID	1	1500
337+00.00	352+00.00	RT IN	YELLOW	SOLID	1	1500
337+00.00	352+00.00	RT	WHITE	SKIP DASH	1	330
				SUBTOTAL		6680

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
352+00.00	367+00.00	LT OUT	WHITE	SOLID	1	1500
352+00.00	367+00.00	LT IN	YELLOW	SOLID	1	1500
352+00.00	367+00.00	LT	WHITE	SKIP DASH	1	370
352+00.00	367+00.00	RT OUT	WHITE	SOLID	1	1500
352+00.00	367+00.00	RT IN	YELLOW	SOLID	1	1500
352+00.00	367+00.00	RT	WHITE	SKIP DASH	1	380
				SUBTOTAL		6750

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
367+00.00	382+00.00	LT OUT	WHITE	SOLID	1	1500
367+00.00	382+00.00	LT IN	YELLOW	SOLID	1	1500
367+00.00	382+00.00	LT	WHITE	SKIP DASH	1	370
367+00.00	382+00.00	RT OUT	WHITE	SOLID	1	1500
367+00.00	382+00.00	RT IN	YELLOW	SOLID	1	1500
367+00.00	382+00.00	RT	WHITE	SKIP DASH	1	380
				SUBTOTAL		6750

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
382+00.00	397+00.00	LT OUT	WHITE	SOLID	1	1500
382+00.00	397+00.00	LT IN	YELLOW	SOLID	1	1500
382+00.00	397+00.00	LT	WHITE	SKIP DASH	1	380
382+00.00	397+00.00	RT OUT	WHITE	SOLID	1	1500
382+00.00	397+00.00	RT IN	YELLOW	SOLID	1	1500
382+00.00	397+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6750

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
397+00.00	412+00.00	LT OUT	WHITE	SOLID	1	1500
397+00.00	412+00.00	LT IN	YELLOW	SOLID	1	1500
397+00.00	412+00.00	LT	WHITE	SKIP DASH	1	360
397+00.00	412+00.00	RT OUT	WHITE	SOLID	1	1500
397+00.00	412+00.00	RT IN	YELLOW	SOLID	1	1500
397+00.00	412+00.00	RT	WHITE	SKIP DASH	1	380
				SUBTOTAL		6740

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
412+00.00	427+00.00	LT OUT	WHITE	SOLID	1	1500
412+00.00	427+00.00	LT IN	YELLOW	SOLID	1	1500
412+00.00	427+00.00	LT	WHITE	SKIP DASH	1	380
412+00.00	427+00.00	RT OUT	WHITE	SOLID	1	1500
412+00.00	427+00.00	RT IN	YELLOW	SOLID	1	1500
412+00.00	427+00.00	RT	WHITE	SKIP DASH	1	380
				SUBTOTAL		6760

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
427+00.00	442+00.00	LT OUT	WHITE	SOLID	1	1500
427+00.00	442+00.00	LT IN	YELLOW	SOLID	1	1500
427+00.00	442+00.00	LT	WHITE	SKIP DASH	1	380
427+00.00	442+00.00	RT OUT	WHITE	SOLID	1	1500
427+00.00	442+00.00	RT IN	YELLOW	SOLID	1	1500
427+00.00	442+00.00	RT	WHITE	SKIP DASH	1	360
				SUBTOTAL		6740

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
442+00.00	457+00.00	LT OUT	WHITE	SOLID	1	1500
442+00.00	457+00.00	LT IN	YELLOW	SOLID	1	1500
442+00.00	457+00.00	LT	WHITE	SKIP DASH	1	370
442+00.00	457+00.00	RT OUT	WHITE	SOLID	1	1500
442+00.00	457+00.00	RT IN	YELLOW	SOLID	1	1500
442+00.00	457+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6740

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
457+00.00	472+00.00	LT OUT	WHITE	SOLID	1	1500
457+00.00	472+00.00	LT IN	YELLOW	SOLID	1	1500
457+00.00	472+00.00	LT	WHITE	SKIP DASH	1	380
457+00.00	472+00.00	RT OUT	WHITE	SOLID	1	1500
457+00.00	472+00.00	RT IN	YELLOW	SOLID	1	1500
457+00.00	472+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6750

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
472+00.00	487+00.00	LT OUT	WHITE	SOLID	1	1500
472+00.00	487+00.00	LT IN	YELLOW	SOLID	1	1500
472+00.00	487+00.00	LT	WHITE	SKIP DASH	1	380
472+00.00	487+00.00	RT OUT	WHITE	SOLID	1	1500
472+00.00	487+00.00	RT IN	YELLOW	SOLID	1	1500
472+00.00	487+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6750

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
487+00.00	502+00.00	LT OUT	WHITE	SOLID	1	1500
487+00.00	502+00.00	LT IN	YELLOW	SOLID	1	1500
487+00.00	502+00.00	LT	WHITE	SKIP DASH	1	380
487+00.00	502+00.00	RT OUT	WHITE	SOLID	1	1500
487+00.00	502+00.00	RT IN	YELLOW	SOLID	1	1500
487+00.00	502+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6750

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
502+00.00	517+00.00	LT OUT	WHITE	SOLID	1	1500
502+00.00	517+00.00	LT IN	YELLOW	SOLID	1	1500
502+00.00	517+00.00	LT	WHITE	SKIP DASH	1	370
502+00.00	517+00.00	RT OUT	WHITE	SOLID	1	1500
502+00.00	517+00.00	RT IN	YELLOW	SOLID	1	1500
502+00.00	517+00.00	RT	WHITE	SKIP DASH	1	370
				SUBTOTAL		6740

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
517+00.00	517+19.42	LT OUT	WHITE	SOLID	1	19
517+00.00	517+19.42	LT IN	YELLOW	SOLID	1	19
517+00.00	517+19.42	LT	WHITE	SKIP DASH	1	10
517+00.00	517+19.42	RT OUT	WHITE	SOLID	1	19
517+00.00	517+19.42	RT IN	YELLOW	SOLID	1	19
517+00.00	517+19.42	RT	WHITE	SKIP DASH	1	10
523+54.45	527+50.90	LT IN	YELLOW	SOLID	1	396
523+54.45	532+00.00	LT	WHITE	SKIP DASH	1	190
523+54.45	527+50.90	RT IN	YELLOW	SOLID	1	396
523+54.45	532+00.00	RT	WHITE	SKIP DASH	1	190
527+50.90	529+00.00	LT IN	YELLOW	SOLID	2	298
530+00.00	532+00.00	LT IN	YELLOW	SOLID	2	400
527+50.90	529+00.00	RT IN	YELLOW	SOLID	2	298
530+00.00	532+00.00	RT IN	YELLOW	SOLID	2	400
529+50.00		LT	YELLOW	SOLID	2	102
529+50.00		RT	YELLOW	SOLID	2	26
				SUBTOTAL		2795

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
532+00.00	538+72.93	LT	WHITE	SKIP DASH	1	160
536+36.95	538+72.93	LT OUT	WHITE	SOLID	1	236
538+60.86	538+72.93	RT IN	YELLOW	SOLID	1	12
532+00.00	538+72.93	RT	WHITE	SKIP DASH	1	170
532+00.00	534+81.40	LT IN	YELLOW	SOLID	2	563
537+24.92	538+72.93	LT IN	YELLOW	SOLID	2	296
532+00.00	534+81.40	RT IN	YELLOW	SOLID	2	563
535+51.45	538+60.86	RT IN	YELLOW	SOLID	2	619
				SUBTOTAL		2618

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
351+00		LT	YELLOW	SOLID	2	22
351+00		RT	YELLOW	SOLID	2	33
				SUBTOTAL		55

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
178+13.90	192+96.90	LT OUT	WHITE	SOLID	1	1483
178+14.00	192+98.00	LT IN	YELLOW	SOLID	1	1484
177+20.00	188+30.00	RT OUT	WHITE	SOLID	1	1110
177+90.00	189+19.00	RT IN	YELLOW	SOLID	1	1129
				SUBTOTAL		5206

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
243+57.80	247+00.00	RT OUT	WHITE	SKIP DASH	1	84
247+00.00	250+72.60	RT OUT	WHITE	SKIP DASH	1	94
255+78.60	262+00.00	LT OUT	WHITE	SKIP DASH	1	158
262+00.00	264+85.80	LT OUT	WHITE	SKIP DASH	1	72
263+14.80	269+92.90	RT OUT	WHITE	SKIP DASH	1	170
290+14.00	292+00.00	LT OUT	WHITE	SKIP DASH	1	62
292+00.00	299+57.30	LT OUT	WHITE	SKIP DASH	1	190
314+16.50	315+58.80	RT OUT	WHITE	SKIP DASH	1	36
				SUBTOTAL		886

TOTAL	155,352

MODEL: Sch7 [Sheet]
FILE NAME: Z:\2023\2322331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 7 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	15

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
193+68.00	195+81.60	LT IN	WHITE	SOLID	1	214
195+81.60	198+16.40	LT IN	WHITE	SKIP DASH	1	58
					SUBTOTAL	272

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
212+15.80	217+00.00	RT IN	WHITE	SOLID	1	484
209+57.90	212+15.80	RT IN	WHITE	SKIP DASH	1	66
215+72.50	217+00.00	RT OUT	WHITE	SOLID	1	128
213+58.80	215+72.50	RT OUT	WHITE	SKIP DASH	1	54
					SUBTOTAL	732

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
217+00.00	218+32.30	RT IN	WHITE	SOLID	1	132
217+00.00	218+26.40	RT OUT	WHITE	SOLID	1	126
219+28.20	221+75.40	LT IN	WHITE	SOLID	1	247
221+75.40	223+75.40	LT IN	WHITE	SKIP DASH	1	54
219+38.00	221+68.40	LT OUT	WHITE	SOLID	1	230
221+68.40	223+75.40	LT OUT	WHITE	SKIP DASH	1	58
225+01.40	228+32.80	RT IN	WHITE	SKIP DASH	1	84
228+32.80	229+98.60	RT IN	WHITE	SOLID	1	166
229+74.50	230+54.70	LT IN	WHITE	SOLID	1	80
230+54.70	232+00.00	LT IN	WHITE	SKIP DASH	1	38
					SUBTOTAL	1216

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
232+00.00	233+49.20	LT IN	WHITE	SKIP DASH	1	38
234+38.30	237+48.30	RT IN	WHITE	SKIP DASH	1	78
237+48.30	238+21.40	RT IN	WHITE	SOLID	1	73
238+93.30	239+66.70	LT IN	WHITE	SOLID	1	71
239+66.70	242+10.80	LT IN	WHITE	SKIP DASH	1	60
					SUBTOTAL	321

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
319+44.70	321+88.50	RT IN	WHITE	SKIP DASH	1	62
321+88.50	322+00.00	RT IN	WHITE	SOLID	1	12
					SUBTOTAL	74

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
322+00.00	323+75.00	RT IN	WHITE	SOLID	1	175
324+58.80	325+78.50	LT OUT	WHITE	SOLID	1	120
325+78.50	328+81.30	LT OUT	WHITE	SKIP DASH	1	76
324+58.80	325+08.80	LT IN	WHITE	SOLID	1	50
325+08.80	328+80.60	LT IN	WHITE	SKIP DASH	1	94
333+02.70	334+87.40	RT OUT	WHITE	SKIP DASH	1	22
334+87.40	335+89.10	RT OUT	WHITE	SOLID	1	102
336+92.70	337+00.00	RT OUT	WHITE	SKIP DASH	1	2
					SUBTOTAL	640

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
337+00.00	337+90.80	RT OUT	WHITE	SKIP DASH	1	26
337+98.80	339+13.80	RT OUT	WHITE	SOLID	1	115
346+16.90	348+69.00	RT IN	WHITE	SKIP DASH	1	64
348+69.00	350+30.50	RT IN	WHITE	SOLID	1	162
347+32.70	348+75.80	RT OUT	WHITE	SKIP DASH	1	36
348+75.80	350+30.60	RT OUT	WHITE	SOLID	1	155
350+71.10		LT	WHITE	SOLID	1	22
350+82.70		LT	WHITE	SOLID	1	22
350+86.50		RT	WHITE	SOLID	1	33
351+47.20	352+00.00	LT IN	WHITE	SOLID	1	53
					SUBTOTAL	687

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
352+00.00	353+66.30	LT IN	WHITE	SOLID	1	166
353+66.30	355+86.30	LT IN	WHITE	SKIP DASH	1	56
356+97.30	360+20.30	RT IN	WHITE	SKIP DASH	1	82
360+20.30	360+99.90	RT IN	WHITE	SOLID	1	80
361+57.90	362+46.70	LT IN	WHITE	SOLID	1	89
362+46.70	365+35.70	LT IN	WHITE	SKIP DASH	1	74
					SUBTOTAL	547

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
367+36.80	370+90.20	RT IN	WHITE	SKIP DASH	1	90
370+90.20	371+65.90	RT IN	WHITE	SOLID	1	76
372+60.40	373+99.40	LT IN	WHITE	SOLID	1	139
373+99.40	377+37.00	LT IN	WHITE	SKIP DASH	1	86
					SUBTOTAL	391

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
389+80.40	392+65.70	RT IN	WHITE	SKIP DASH	1	72
392+65.70	393+32.10	RT IN	WHITE	SOLID	1	66
393+91.50	394+61.60	LT IN	WHITE	SOLID	1	70
394+61.60	397+00.00	LT IN	WHITE	SKIP DASH	1	60
					SUBTOTAL	269

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
397+00.00	397+68.70	LT IN	WHITE	SKIP DASH	1	18
401+28.30	404+22.00	RT IN	WHITE	SKIP DASH	1	74
404+22.00	404+72.80	RT IN	WHITE	SOLID	1	51
405+24.10	407+25.80	RT IN	WHITE	SKIP DASH	1	52
407+25.80	411+03.70	RT IN	WHITE	SOLID	1	378
405+36.00	405+88.80	LT IN	WHITE	SOLID	1	53
405+88.80	409+04.40	LT IN	WHITE	SKIP DASH	1	80
411+86.60	412+00.00	LT IN	WHITE	SOLID	1	13
					SUBTOTAL	719

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
412+00.00	412+34.10	LT IN	WHITE	SOLID	1	34
412+34.10	415+86.00	LT IN	WHITE	SKIP DASH	1	88
415+26.00	417+71.40	RT IN	WHITE	SKIP DASH	1	62
417+71.40	420+03.40	RT IN	WHITE	SOLID	1	232
421+03.80	421+48.80	LT IN	WHITE	SOLID	1	45
421+48.80	424+21.60	LT IN	WHITE	SKIP DASH	1	84
421+03.80	423+40.80	LT OUT	WHITE	SOLID	1	237
423+40.80	425+76.40	LT OUT	WHITE	SKIP DASH	1	46
					SUBTOTAL	828

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
433+32.70	437+29.20	RT IN	WHITE	SKIP DASH	1	100
437+29.20	437+81.70	RT IN	WHITE	SOLID	1	53
438+58.30	439+40.00	LT IN	WHITE	SOLID	1	82
439+40.00	442+00.00	LT IN	WHITE	SKIP DASH	1	66
					SUBTOTAL	300

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
442+00.00	442+64.60	LT IN	WHITE	SKIP DASH	1	16
447+50.50	450+91.20	RT IN	WHITE	SKIP DASH	1	88
450+91.20	451+52.50	RT IN	WHITE	SOLID	1	61
452+39.60	453+16.50	LT IN	WHITE	SOLID	1	77
453+16.50	456+40.00	LT IN	WHITE	SKIP DASH	1	82
					SUBTOTAL	324

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
459+18.50	462+13.50	RT IN	WHITE	SKIP DASH	1	74
462+13.50	463+45.40	RT IN	WHITE	SOLID	1	132
464+32.80	465+29.40	LT OUT	WHITE	SOLID	1	97
465+29.40	467+05.40	LT OUT	WHITE	SKIP DASH	1	44
464+32.60	464+79.70	LT IN	WHITE	SOLID	1	47
464+79.70	468+43.20	LT IN	WHITE	SKIP DASH	1	92
467+41.90	471+55.30	RT IN	WHITE	SKIP DASH	1	104
471+55.30	472+00.00	RT IN	WHITE	SOLID	1	45
					SUBTOTAL	634

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
472+00.00	472+07.80	RT IN	WHITE	SOLID	1	8
472+70.90	473+56.10	LT IN	WHITE	SOLID	1	85
473+56.10	477+31.30	LT IN	WHITE	SKIP DASH	1	94
402+76.50	406+00.20	RT IN	WHITE	SKIP DASH	1	82
486+00.20	486+88.20	RT IN	WHITE	SOLID	1	88
					SUBTOTAL	357

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
487+46.80	488+09.80	LT IN	WHITE	SOLID	1	63
489+09.80	491+11.80	LT IN	WHITE	SKIP DASH	1	76
494+45.30	496+45.30	RT OUT	WHITE	SKIP DASH	1	50
496+45.30	499+10.30	RT OUT	WHITE	SOLID	1	265
500+79.10	502+00.00	LT IN	WHITE	SOLID	2	242
					SUBTOTAL	696

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
502+00.00	504+90.00	LT IN	WHITE	SOLID	2	580
504+90.00	506+80.00	LT IN	WHITE	SKIP DASH	1	48
503+62.30	506+37.90	RT IN	WHITE	SKIP DASH	1	70
506+37.90	509+52.30	RT IN	WHITE	SOLID	2	629
510+08.50	512+44.50	LT OUT	WHITE	SOLID	1	236
512+44.50	514+72.10	LT OUT	WHITE	SKIP DASH	1	58
514+72.10	517+00.00	LT OUT	WHITE	SOLID	1	228
513+91.20	517+00.00	RT IN	WHITE	SKIP DASH	1	76
516+42.90	517+00.00	RT OUT	WHITE	SKIP DASH	1	14
					SUBTOTAL	1939

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
517+00.00	517+19.42	RT OUT	WHITE	SKIP DASH	1	6
517+00.00	517+19.42	RT IN	WHITE	SKIP DASH	1	6
517+00.00	517+19.42	LT OUT	WHITE	SOLID	1	19
523+54.15	524+91.40	LT IN	WHITE	SOLID	2	274
524+91.40	527+50.90	LT IN	WHITE	SKIP DASH	1	64
525+24.70	527+56.20	RT IN	WHITE	SKIP DASH	1	58
527+56.20	529+09.40	RT IN	WHITE	SOLID	1	153
529+50.00		LT	WHITE	SOLID	1	51
529+50.00		RT	WHITE	SOLID	1	13
530+21.80	532+00.00	LT IN	WHITE	SOLID	1	178
					SUBTOTAL	823

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
532+00.00	533+15.00	LT IN	WHITE	SOLID	1	115
533+15.00	534+48.50	LT IN	WHITE	SKIP DASH	1	36
532+26.60	533+12.00	LT OUT	WHITE	SOLID	1	85
533+12.00	534+81.40	LT OUT	WHITE	SKIP DASH	1	42
535+51.30	537+25.10	LT IN	WHITE	SOLID	1	174
537+25.10	538+72.93	LT IN	WHITE	SKIP DASH	1	38
					SUBTOTAL	490

TOTAL	12259

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
241+27.00	242+42.40	RT OUT	WHITE	SOLID	2	231
					SUBTOTAL	231

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
251+62.60	253+17.50	LT OUT	WHITE	SOLID	2	310
					SUBTOTAL	310

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
264+85.80	267+11.50	LT OUT	WHITE	SOLID	2	451
269+92.90	271+67.00	RT OUT	WHITE	SOLID	2	348
					SUBTOTAL	800

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
285+98.00	288+14.80	LT OUT	WHITE	SOLID	2	434
290+07.80	292+00.00	RT OUT	WHITE	SOLID	2	384
					SUBTOTAL	818

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
292+00.00	292+81.30	RT OUT	WHITE	SOLID	2	163
					SUBTOTAL	163

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
316+51.90	317+10.20	RT OUT	WHITE	SOLID	2	117
					SUBTOTAL	117

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
510+00.00		LT OUT	WHITE	SOLID	1	125
514+00.00		LT OUT	WHITE	SOLID	1	208
					SUBTOTAL	333

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
531+50.00		LT OUT	WHITE	SOLID	1	109
531+50.00		RT OUT	WHITE	SOLID	1	109
					SUBTOTAL	218

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
532+00.00		LT OUT	WHITE	SOLID	1	30
					SUBTOTAL	30

STATION	STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
242+42.40	243+57.80	RT OUT	WHITE	SOLID	1	115
253+17.50	255+78.60	LT OUT	WHITE	SOLID	1	261
292+81.30	293+53.30	RT OUT	WHITE	SOLID	1	72
315+58.80	316+51.90	RT OUT	WHITE	SOLID	1	93
					SUBTOTAL	542

TOTAL	3562

MODEL: Sch8 [Sheet]
FILE NAME: Z:\2023\2332331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRd\IL59\09-CADD\3_Sheets\D162P73-sth-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
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USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 8 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	16

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

70000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
241+50.00	RT OUT	WHITE	SOLID	5	100
				SUBTOTAL	100

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
252+00.00	LT OUT	WHITE	SOLID	5	125
				SUBTOTAL	125

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
266+00.00	LT OUT	WHITE	SOLID	6	138
271+00.00	RT OUT	WHITE	SOLID	5	125
				SUBTOTAL	263

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
287+00.00	LT OUT	WHITE	SOLID	8	240
291+00.00	RT OUT	WHITE	SOLID	6	114
				SUBTOTAL	354

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
292+50.00	RT OUT	WHITE	SOLID	2	14
				SUBTOTAL	14

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
316+50.00	RT OUT	WHITE	SOLID	5	60
				SUBTOTAL	60

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
351+00.00	LT OUT	WHITE	SOLID	23	138
				SUBTOTAL	138

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
501+00.00	LT IN	WHITE	SOLID	3	69
				SUBTOTAL	69

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
503+00.00	LT IN	WHITE	SOLID	7	161
508+00.00	RT IN	WHITE	SOLID	14	154
510+00.00	LT OUT	WHITE	SOLID	5	95
514+00.00	LT OUT	WHITE	SOLID	16	224
				SUBTOTAL	634

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
531+50.00	LT OUT	WHITE	SOLID	4	64
531+50.00	RT OUT	WHITE	SOLID	5	95
				SUBTOTAL	159

STATION	OFFSET (LT OUT/LT IN /RT OUT/ RT IN)	COLOR (WHITE OR YELLOW)	TYPE OF LINE	# OF LINES	TOTAL LENGTH (FEET)
532+00.00	LT OUT	WHITE	SOLID	1	9
534+00.00	LT IN	WHITE	SOLID	7	98
538+00.00	LT IN	WHITE	SOLID	7	105
				SUBTOTAL	212

TOTAL	2128

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
OLD RAND RD	WEST	WHITE	SOLID	35
			SUBTOTAL	35

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
PATTEN DR	SOUTH	WHITE	SOLID	22
			SUBTOTAL	22

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
COOK ST	WEST	WHITE	SOLID	18
			SUBTOTAL	18

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
BONNER RD	NORTH	WHITE	SOLID	44
BONNER RD	EAST	WHITE	SOLID	37
BONNER RD	SOUTH	WHITE	SOLID	54
BONNER RD	WEST	WHITE	SOLID	30
			SUBTOTAL	165

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
C.E. 510+00	WEST	WHITE	SOLID	22
			SUBTOTAL	22

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
VOLO VILL. RD	NORTH	WHITE	SOLID	45
VOLO VILL. RD	EAST	WHITE	SOLID	27
VOLO VILL. RD	SOUTH	WHITE	SOLID	48
VOLO VILL. RD	WEST	WHITE	SOLID	24
			SUBTOTAL	144

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
CASE ROAD	WEST	WHITE	SOLID	15
			SUBTOTAL	15

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
C.E. 452+00	EAST	WHITE	SOLID	46
			SUBTOTAL	46

INTERSEC.	LEG	COLOR (WHITE OR YELLOW)	TYPE OF LINE	TOTAL LENGTH (FEET)
RUSSEL DR	WEST	WHITE	SOLID	25
			SUBTOTAL	25

TOTAL	492

64200108 SHOULDER RUMBLE STRIPS, 8 INCH

LOC	STA	STA	Length (FT)	80% Length (FT)
LT	178+18.00	192+96.90	1,287	1,030
MED LT	178+18.00	195+98.00	1,780	1,424
MED RT	177+90.00	188+30.00	1,040	832
RT	177+90.00	189+19.00	932	746
LT	193+74.00	218+50.00	2,476	1,981
MED LT	198+16.00	218+40.00	2,024	1,619
MED RT	193+74.00	209+57.90	1,584	1,267
RT	193+72.00	213+33.80	1,962	1,569
LT	223+94.65	251+62.60	2,615	2,092
MED LT	224+12.10	229+05.96	494	395
MED RT	219+16.70	225+01.00	584	467
RT	219+76.31	241+27.00	2,151	1,721
MED LT	233+49.20	238+23.90	475	380
MED RT	229+73.00	234+38.00	465	372
MED LT	242+10.00	277+83.00	3,573	2,858
MED RT	238+97.00	277+55.00	3,858	3,086
RT	250+72.60	263+14.80	1,027	822
RT	271+67.00	277+25.30	558	447
LT	253+17.50	264+85.80	873	699
LT	267+11.37	278+18.10	1,107	885
LT	280+04.09	285+85.00	581	465
RT	279+25.80	290+08.10	1,082	866
MED LT	278+77.40	309+63.30	3,086	2,469
MED RT	279+52.00	309+63.00	3,011	2,409
LT	288+14.80	296+78.50	689	551
LT	299+57.30	323+64.80	2,408	1,926
RT	299+87.90	314+16.47	1,429	1,143
MED LT	310+25.60	323+82.01	1,356	1,085
MED RT	310+25.60	319+44.70	919	735
RT	317+10.21	334+02.71	1,485	1,188
RT	340+03.49	347+32.70	729	583
LT	328+81.30	350+12.00	2,131	1,705
MED LT	328+80.60	350+12.90	2,132	1,706
MED RT	324+57.60	346+16.90	2,159	1,727
LT	351+47.00	411+01.00	5,889	4,711
RT	352+51.00	353+07.00	56	45
RT	353+79.00	354+83.50	105	84
RT	355+70.90	358+71.00	300	240
RT	361+63.30	362+78.40	115	92
RT	367+15.00	371+65.00	450	360
MED LT	355+86.30	360+88.80	503	402
MED RT	351+32.00	356+97.30	565	452
MED LT	365+35.70	371+60.70	625	500
MED RT	361+63.60	367+36.80	573	459
MED LT	377+37.00	393+28.20	1,591	1,273
MED RT	372+64.30	389+80.40	1,716	1,373
RT	372+84.88	404+50.00	3,165	2,532
RT	405+38.00	408+50.00	312	250
RT	409+53.70	410+16.00	62	50
MED LT	397+68.70	404+66.30	698	558
MED RT	393+98.70	401+28.30	730	584
MED LT	409+04.40	411+03.00	199	159
LT	411+90.00	420+00.00	810	648
MED LT	415+86.00	420+00.00	414	331
MED RT	411+81.00	415+26.00	345	276
RT	412+58.00	418+40.00	582	466
RT	419+00.00	420+41.00	141	113
LT	425+22.00	438+25.00	1,303	1,042
MED LT	424+76.00	437+89.00	1,313	1,050
MED RT	420+67.00	433+33.00	1,246	997
RT	421+03.00	429+24.00	821	657
RT	430+27.00	437+88.00	761	609
LT	439+85.00	450+16.00	1,031	825
LT	450+78.00	451+37.00	59	47
MED LT	442+65.00	451+63.00	898	718
MED RT	438+61.00	447+51.00	890	712
RT	439+20.00	451+27.00	1,207	966
LT	452+33.00	458+25.00	592	474
LT	458+77.00	463+17.00	440	352
MED LT	456+40.00	463+50.00	710	568
MED RT	452+48.00	459+19.00	671	537
RT	452+78.00	458+04.00	526	421
RT	458+86.00	460+18.00	132	106
RT	460+72.00	463+41.00	269	215
LT	467+05.00	472+36.00	531	425
MED LT	468+43.00	472+08.00	365	292
MED RT	464+48.00	467+42.00	294	235
RT	464+24.00	471+75.00	751	601
LT	472+49.00	473+67.00	118	94
LT	473+86.00	476+17.00	231	185
LT	476+25.00	478+73.00	248	198
LT	480+03.00	481+65.00	162	130
LT	482+50.00	483+04.00	54	43
LT	483+49.00	501+75.00	1,826	1,461
MED LT	477+31.00	486+79.00	948	758
MED RT	472+82.00	482+77.00	995	796
RT	473+06.00	476+19.00	313	250
RT	476+40.00	483+08.00	668	534
RT	483+75.00	486+82.00	307	246
MED LT	491+12.00	498+09.97	698	558
MED RT	487+54.00	499+26.91	1,173	938
LT	502+13.00	509+14.00	701	561

LOC	STA	STA	Length (FT)	80% Length (FT)
RT	372+84.88	404+50.00	3,165	2,532
RT	405+38.00	408+50.00	312	250
RT	409+53.70	410+16.00	62	50
MED LT	397+68.70	404+66.30	698	558
MED RT	393+98.70	401+28.30	730	584
MED LT	409+04.40	411+03.00	199	159
LT	411+90.00	420+00.00	810	648
MED LT	415+86.00	420+00.00	414	331
MED RT	411+81.00	415+26.00	345	276
RT	412+58.00	418+40.00	582	466
RT	419+00.00	420+41.00	141	113
LT	425+22.00	438+25.00	1,303	1,042
MED LT	424+76.00	437+89.00	1,313	1,050
MED RT	420+67.00	433+33.00	1,246	997
RT	421+03.00	429+24.00	821	657
RT	430+27.00	437+88.00	761	609
LT	439+85.00	450+16.00	1,031	825
LT	450+78.00	451+37.00	59	47
MED LT	442+65.00	451+63.00	898	718
MED RT	438+61.00	447+51.00	890	712
RT	439+20.00	451+27.00	1,207	966
LT	452+33.00	458+25.00	592	474
LT	458+77.00	463+17.00	440	352
MED LT	456+40.00	463+50.00	710	568
MED RT	452+48.00	459+19.00	671	537
RT	452+78.00	458+04.00	526	421
RT	458+86.00	460+18.00	132	106
RT	460+72.00	463+41.00	269	215
LT	467+05.00	472+36.00	531	425
MED LT	468+43.00	472+08.00	365	292
MED RT	464+48.00	467+42.00	294	235
RT	464+24.00	471+75.00	751	601
LT	472+49.00	473+67.00	118	94
LT	473+86.00	476+17.00	231	185
LT	476+25.00	478+73.00	248	198
LT	480+03.00	481+65.00	162	130
LT	482+50.00	483+04.00	54	43
LT	483+49.00	501+75.00	1,826	1,461
MED LT	477+31.00	486+79.00	948	758
MED RT	472+82.00	482+77.00	995	796
RT	473+06.00	476+19.00	313	250
RT	476+40.00	483+08.00	668	534
RT	483+75.00	486+82.00	307	246
MED LT	491+12.00	498+09.97	698	558
MED RT	487+54.00	499+26.91	1,173	938
LT	502+13.00	509+14.00	701	561
RT	501+80.00	516+42.90	1,463	1,170
LT	537+25.00	549+13.00	1,188	950
MED LT	538+73.00	544+48.00	575	460
MED RT	538+73.00	541+71.00	298	238
RT	538+73.00	544+33.80	561	449
MED RT	545+41.60	547+70.50	229	183
RT	544+99.50	547+70.50	271	217
LT	550+03.50	562+92.90	609	552
MED LT	556+03.50	562+92.90	689	552
MED RT	556+58.40	561+35.80	477	382
RT	556+58.40	561+35.80	477	382
LT	566+28.60	571+26.60	498	398
MED LT	566+28.60	571+60.00	531	425
RT	567+06.40	571+71.50	465	372
LT	581+92.30	599+94.90	1,803	1,442
MED LT	578+07.60	587+85.60	978	782
MED RT	572+57.50	583+13.90	1,056	845
RT	572+50.80	587+92.30	1,542	1,233
MED LT	593+21.20	600+15.50	694	555
MED RT	588+59.10	594+58.80	600	480
RT	588+51.60	594+79.60	628	502
LT	606+65.40	622+66.80	1,601	1,281
MED LT	607+05.57	622+61.30	1,556	1,245
MED RT	601+97.10	618+01.00	1,604	1,283
RT	602+29.50	620+35.50	1,806	1,445
LT	623+53.90	639+42.20	1,588	1,271
MED LT	627+98.60	635+24.00	725	580
MED RT	623+48.90	630+10.00	661	529
RT	621+08.50	635+95.10	1,487	1,189
MED RT	636+06.50	639+98.80	392	314
RT	636+06.50	639+98.80	392	314
LT	644+42.40	651+54.50	712	570
MED LT	644+42.40	651+54.50	712	570
MED RT	642+70.40	647+12.20	442	353
RT	642+70.40	651+54.50	884	707
LT	657+79.70	671+29.80	1,350	1,080
MED LT	656+51.70	665+57.40	906	725
MED RT	652+33.60	665+57.40	1,324	1,059
RT	652+33.60	667+64.80	1,531	1,225
LT	676+52.40	690+50.30	1,398	1,118
MED LT	678+46.00	682+00.00	354	283
MED RT	678+46.00	682+00.00	354	283
RT	672+76.30	682+18.50	942	754
MED LT	688+29.70	691+00.00	270	216
MED RT	682+84.00	685+80.60	297	237
RT	682+80.80	686+15.60	335	268

LOC	STA	STA	Length (FT)	80% Length (FT)
LT	697+67.40	728+45.00	3,078	2,462
MED LT	698+61.00	711+12.60	1,252	1,001
MED RT	692+38.20	718+00.00	2,562	2,049
RT	692+38.20	711+10.30	1,872	1,498
RT	717+97.30	721+19.00	322	257
MED LT	720+67.00	728+45.00	778	622
MED RT	723+91.50	728+45.00	454	363
RT	724+23.70	728+45.00	421	337
IL 176 Per IDOT				6,969

TOTAL	124,835

MODEL: Sch9 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VanPhillProjects\WO1_62P73-US12-RandRdto\L59\09-CADD\3_Sheets\D162P73-sht-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 9 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	17
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

X2020110 GRADING AND SHAPING SHOULDERS

LOC	STA	STA	Length (FT)	UNIT
LT	178+18.00	192+96.90	1,287	12.87
MED LT	178+18.00	195+98.00	1,780	17.80
MED RT	177+90.00	188+30.00	1,040	10.40
RT	177+90.00	189+19.00	932	9.32
LT	193+74.00	218+50.00	2,476	24.76
MED LT	198+16.00	218+40.00	2,024	20.24
MED RT	193+74.00	209+57.90	1,584	15.84
RT	193+72.00	213+33.80	1,962	19.62
LT	223+94.65	251+62.60	2,615	26.15
MED LT	224+12.10	229+05.96	494	4.94
MED RT	219+16.70	225+01.00	584	5.84
RT	219+76.31	241+27.00	2,151	21.51
MED LT	233+49.20	238+23.90	475	4.75
MED RT	229+73.00	234+38.00	465	4.65
MED LT	242+10.00	277+83.00	3,573	35.73
MED RT	238+97.00	277+55.00	3,858	38.58
RT	250+72.60	263+14.80	1,027	10.27
RT	271+67.00	277+25.30	558	5.58
LT	253+17.50	264+85.80	873	8.73
LT	267+11.37	278+18.10	1,107	11.07
LT	280+04.09	285+85.00	581	5.81
RT	279+25.80	290+08.10	1,082	10.82
MED LT	278+77.40	309+63.30	3,086	30.86
MED RT	279+52.00	309+63.00	3,011	30.11
LT	288+14.80	296+78.50	689	6.89
LT	299+57.30	323+64.80	2,408	24.08
RT	299+07.90	314+16.47	1,429	14.29
MED LT	310+25.60	323+82.01	1,356	13.56
MED RT	310+25.60	319+44.70	919	9.19
RT	317+10.21	334+02.71	1,485	14.85
RT	340+03.49	347+32.70	729	7.29
LT	328+81.30	350+12.00	2,131	21.31
MED LT	328+80.60	350+12.90	2,132	21.32
MED RT	324+57.60	346+16.90	2,159	21.59
LT	351+47.00	411+01.00	5,889	58.89
RT	352+51.00	353+07.00	56	0.56
RT	353+79.00	354+83.50	105	1.05
RT	355+70.90	358+71.00	300	3.00
RT	361+63.30	362+78.40	115	1.15
RT	367+15.00	371+65.00	450	4.50
MED LT	355+86.30	360+88.80	503	5.03
MED RT	351+32.00	356+97.30	565	5.65
MED LT	365+35.70	371+60.70	625	6.25
MED RT	361+63.60	367+36.80	573	5.73
MED LT	377+37.00	393+28.20	1,591	15.91
MED RT	372+64.30	389+80.40	1,716	17.16

LOC	STA	STA	Length (FT)	UNIT
RT	372+84.88	404+50.00	3,165	31.65
RT	405+38.00	408+50.00	312	3.12
RT	409+53.70	410+16.00	62	0.62
MED LT	397+68.70	404+66.30	698	6.98
MED RT	393+98.70	401+28.30	730	7.30
MED LT	409+04.40	411+03.00	199	1.99
LT	411+90.00	420+00.00	810	8.10
MED LT	415+86.00	420+00.00	414	4.14
MED RT	411+81.00	415+26.00	345	3.45
RT	412+58.00	418+40.00	582	5.82
RT	419+00.00	420+41.00	141	1.41
LT	425+22.00	438+25.00	1,303	13.03
MED LT	424+76.00	437+89.00	1,313	13.13
MED RT	420+87.00	433+33.00	1,246	12.46
RT	421+03.00	429+24.00	821	8.21
RT	430+27.00	437+88.00	761	7.61
LT	439+85.00	450+16.00	1,031	10.31
LT	450+78.00	451+37.00	59	0.59
MED LT	442+65.00	451+63.00	898	8.98
MED RT	438+61.00	447+51.00	890	8.90
RT	439+20.00	451+27.00	1,207	12.07
LT	452+33.00	458+25.00	592	5.92
LT	458+77.00	463+17.00	440	4.40
MED LT	456+40.00	463+50.00	710	7.10
MED RT	452+48.00	459+19.00	671	6.71
RT	452+78.00	458+04.00	526	5.26
RT	458+86.00	460+18.00	132	1.32
RT	460+72.00	463+41.00	269	2.69
LT	467+05.00	472+36.00	531	5.31
MED LT	468+43.00	472+08.00	365	3.65
MED RT	464+48.00	467+42.00	294	2.94
RT	464+24.00	471+75.00	751	7.51
LT	472+49.00	473+67.00	118	1.18
LT	473+86.00	476+17.00	231	2.31
LT	476+25.00	478+73.00	248	2.48
LT	480+03.00	481+65.00	162	1.62
LT	482+50.00	483+04.00	54	0.54
LT	483+49.00	501+75.00	1,826	18.26
MED LT	477+31.00	486+79.00	948	9.48
MED RT	472+82.00	482+77.00	995	9.95
RT	473+06.00	476+19.00	313	3.13
RT	476+40.00	483+08.00	668	6.68
RT	483+75.00	486+82.00	307	3.07
MED LT	491+12.00	498+09.97	698	6.98
MED RT	487+54.00	499+26.91	1,173	11.73
LT	502+13.00	509+14.00	701	7.01

LOC	STA	STA	Length (FT)	UNIT
RT	501+80.00	516+42.90	1,463	14.63
LT	537+25.00	549+13.00	1,188	11.88
MED LT	538+73.00	544+48.00	575	5.75
MED RT	538+73.00	541+71.00	298	2.98
RT	538+73.00	544+33.80	561	5.61
MED RT	545+41.60	547+70.50	229	2.29
RT	544+99.50	547+70.50	271	2.71
LT	556+03.50	562+92.90	689	6.89
MED LT	556+03.50	562+92.90	689	6.89
MED RT	556+58.40	561+35.80	477	4.77
RT	556+58.40	561+35.80	477	4.77
LT	566+28.60	571+26.60	498	4.98
MED LT	566+28.60	571+60.00	531	5.31
RT	567+06.40	571+71.50	465	4.65
LT	581+92.30	599+94.90	1,803	18.03
MED LT	578+07.60	587+85.60	978	9.78
MED RT	572+57.50	583+13.90	1,056	10.56
RT	572+50.80	587+92.30	1,542	15.42
MED LT	593+21.20	600+15.50	694	6.94
MED RT	588+59.10	594+58.80	600	6.00
RT	588+51.60	594+79.60	628	6.28
LT	606+65.40	622+66.80	1,601	16.01
MED LT	607+05.57	622+61.30	1,556	15.56
MED RT	601+97.10	618+01.00	1,604	16.04
RT	602+29.50	620+35.50	1,806	18.06
LT	623+53.90	639+42.20	1,588	15.88
MED LT	627+98.60	635+24.00	725	7.25
MED RT	623+48.90	630+10.00	661	6.61
RT	621+08.50	635+95.10	1,487	14.87
MED RT	636+06.50	639+98.80	392	3.92
RT	636+06.50	639+98.80	392	3.92
LT	644+42.40	651+54.50	712	7.12
MED LT	644+42.40	651+54.50	712	7.12
MED RT	642+70.40	647+12.20	442	4.42
RT	642+70.40	651+54.50	884	8.84
LT	657+79.70	671+29.80	1,350	13.50
MED LT	656+51.70	665+57.40	906	9.06
MED RT	652+33.60	665+57.40	1,324	13.24
RT	652+33.60	667+64.80	1,531	15.31
LT	676+52.40	690+50.30	1,398	13.98
MED LT	678+46.00	682+00.00	354	3.54
MED RT	678+46.00	682+00.00	354	3.54
RT	672+76.30	682+18.50	942	9.42
MED LT	688+29.70	691+00.00	270	2.70
MED RT	682+84.00	685+80.60	297	2.97
RT	682+80.80	686+15.60	335	3.35

LOC	STA	STA	Length (FT)	UNIT
LT	697+67.40	728+45.00	3,078	30.78
MED LT	698+61.00	711+12.60	1,252	12.52
MED RT	692+38.20	718+00.00	2,562	25.62
RT	692+38.20	711+10.30	1,872	18.72
RT	717+97.30	721+19.00	322	3.22
MED LT	720+67.00	728+45.00	778	7.78
MED RT	723+91.50	728+45.00	454	4.54
RT	724+23.70	728+45.00	421	4.21
CASE RD				4

TOTAL	1,476

Z0018500 DRAINAGE STRUCTURES TO BE CLEANED

STATION	OFFSET (LT, RT, MED)	EACH
198+66.60	MED	1
200+88.30	MED	1
207+35.80	MED	1
209+78.30	MED	1
211+64.40	MED	1
219+29.70	MED	1
226+83.40	MED	1
228+76.60	MED	1
232+29.60	MED	1
263+88.90	MED	1
269+60.50	MED	1
277+73.10	MED	1
279+23.30	RT	1
279+75.00	LT	1
288+70.40	LT	1
290+51.80	MED	1
296+09.60	MED	1
311+84.70	MED	1
329+71.90	MED	1
343+08.50	MED	1
346+48.50	MED	1
346+82.40	LT	1
347+17.90	MED	1
354+26.20	MED	1
362+12.40	RT	1
368+82.70	MED	1
381+31.40	MED	1
391+94.70	MED	1
395+79.20	MED	1
396+83.70	MED	1

STATION	OFFSET (LT, RT, MED)	EACH
480+78.10	MED	1
484+76.90	MED	1
497+78.50	MED	1
508+99.30	MED	1
524+58.00	RT	1
524+50.00	LT	1
526+92.00	RT	1
528+75.00	LT	1
529+00.00	RT	1
529+60.00	LT	1
530+10.00	LT	1
534+15.00	LT	1
537+60.00	MED	1
397+14.70	MED	1
406+17.20	MED	1
415+60.90	MED	1
421+21.20	MED	1
426+54.20	MED	1
430+58.20	MED	1
438+51.10	RT	1
440+36.70	MED	1
440+56.70	MED	1
440+81.90	MED	1
446+68.70	MED	1
453+20.00	MED	1
455+85.10	MED	1
467+77.80	MED	1
469+77.20	MED	1
474+78.90	MED	1

TOTAL	59

X5537800 STORM SEWERS TO BE CLEANED 12"

TOTAL # STRUCTURES TO BE CLEANED	15' PER CLEANED STRUCTURE PER IDOT FEET)	TOTAL LENGTH TO BE CLEANED (FEET)
59	15	885

X6030310 FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)

STATION	EACH
537+80.00	1

MODEL: Sch10 [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhillProjects\WO1_62P73-US12-RandRd\oIL59\09-CADD\3_Sheets\D162P73-sth-sch.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

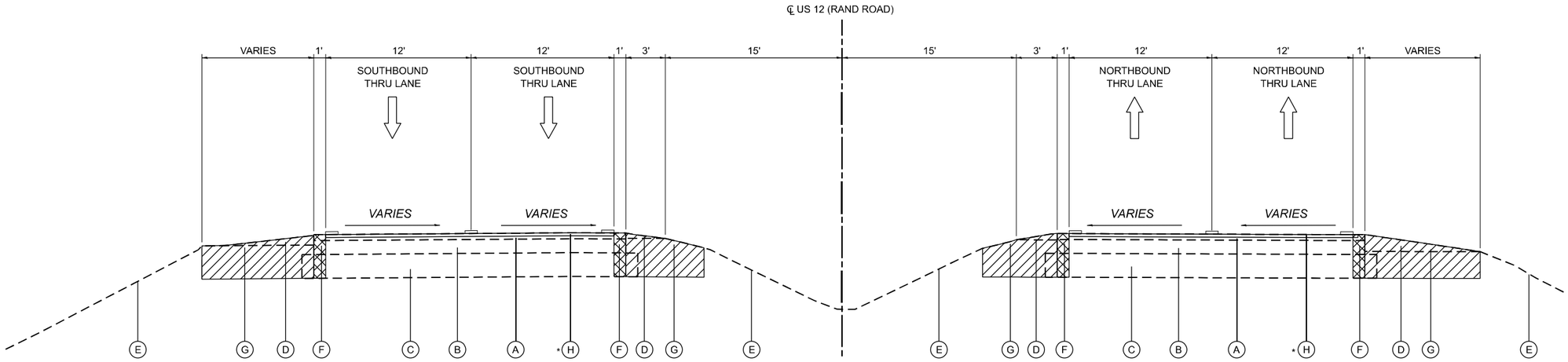
US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
SCHEDULE OF QUANTITIES

SCALE: | SHEET 10 OF 10 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	18

CONTRACT NO. 62P73
ILLINOIS | FED. AID PROJECT

ITEM NUMBER	ITEM DESCRIPTION	QUANTITY	UNIT
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	6969	FOOT
70100450	TRAFFIC CONTROL AND PROTECTION STANDARD 701201	1	L SUM
70100460	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	1	L SUM
70102620	TRAFFIC CONTROL AND PROTECTION STANDARD 701501	1	L SUM
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	7383	FOOT
78100100	RAISED REFLECTIVE PAVEMENT MARKER	190	EACH
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	190	EACH
X0326898	CENTER LINE - RUMBLE STRIP - 16"	3681	FOOT
X7200061	TEMPORARY INFORMATION SIGNING	51.4	SQ FT
X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	7363	FOOT



EXISTING TYPICAL SECTION

US 12 (RAND ROAD)

NOTE
* NO HMA SURFACE REMOVAL STA. 177+90.0 TO STA. 192+98.0

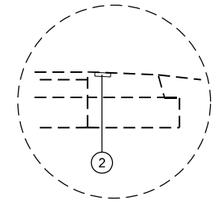
* STA. 177+90.0 TO STA. 192+98.0
STA. 198+16.4 TO STA 209+57.9
STA. 271+67.0 TO STA. 277+16.0
STA. 280+24.0 TO STA. 290+07.8
STA. 299+57.3 TO STA. 314+16.5
STA. 317+10.2 TO STA. 319+44.7

STA. 328+80.6 TO STA. 334+02.7
STA. 339+97.6 TO STA. 346+17.0
STA. 355+86.3 TO STA. 356+97.3
STA. 365+35.7 TO STA. 367+36.8
STA. 377+37.0 TO STA. 389+80.4
STA. 397+68.7 TO STA. 401+28.3

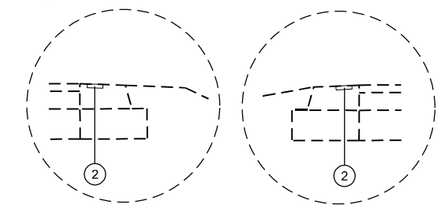
STA. 425+76.4 TO STA. 433+32.7
STA. 442+64.6 TO STA. 447+50.5
STA. 456+40.0 TO STA. 459+18.5
STA. 477+31.3 TO STA. 482+76.5
STA. 491+11.8 TO STA. 494+45.3

BRIDGE OMISSION
STA. 277+16 TO 280+24

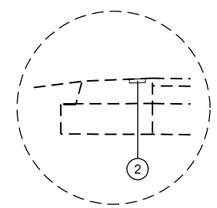
RUMBLE STRIPS



STA. 538+30.50 TO STA. 728+42.70, RT

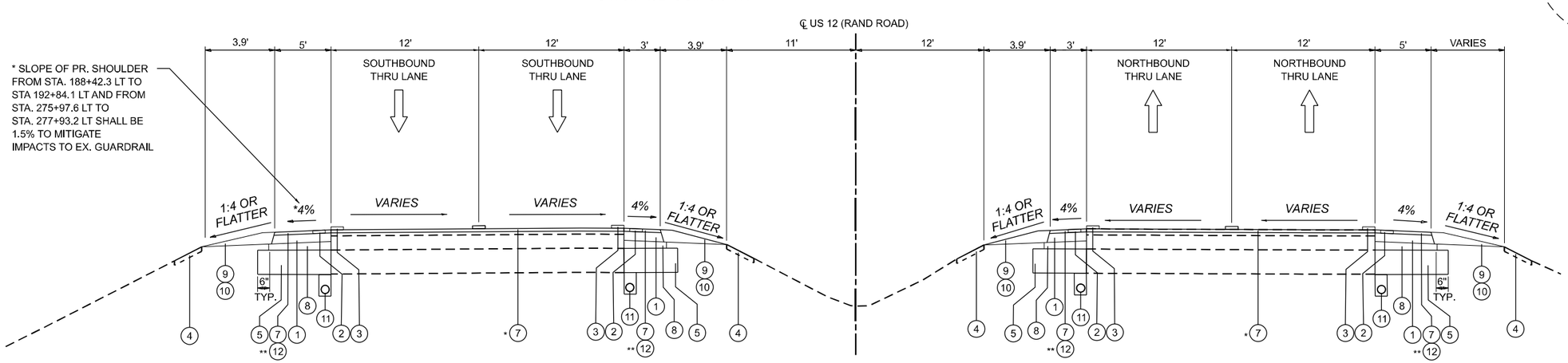


STA. 538+60.91 TO STA. 728+43.54, MEDIAN



STA. 536+68.86 TO STA. 728+45.24, LT

OMISSION OF DRY LAND BRIDGE
STA. 547+70.5 TO STA. 556+58.4
STA. 561+35.8 TO STA. 567+06.4
STA. 639+42.2 TO STA. 644+42.4
BRIDGE OMISSION
STA. 722+25.6 TO STA. 724+04.3



* NO RESURFACING STA 177+90.0 TO STA 192+98.0
** HMA SC IL-9.5 D N70 SHALL BE USED ON SHOULDERS STA 177+90.0 TO STA 192+98.0

PROPOSED TYPICAL SECTION

US 12 (RAND ROAD)

* STA. 177+90.0 TO STA. 192+98.0
STA. 198+16.4 TO STA 209+57.9
STA. 271+67.0 TO STA. 277+16.0
STA. 280+24.0 TO STA. 290+07.8
STA. 299+57.3 TO STA. 314+16.5
STA. 317+10.2 TO STA. 319+44.7

STA. 328+80.6 TO STA. 334+02.7
STA. 339+97.6 TO STA. 346+17.0
STA. 355+86.3 TO STA. 356+97.3
STA. 365+35.7 TO STA. 367+36.8
STA. 377+37.0 TO STA. 389+80.4
STA. 397+68.7 TO STA. 401+28.3

STA. 425+76.4 TO STA. 433+32.7
STA. 442+64.6 TO STA. 447+50.5
STA. 456+40.0 TO STA. 459+18.5
STA. 477+31.3 TO STA. 482+76.5
STA. 491+11.8 TO STA. 494+45.3

BRIDGE OMISSION
STA. 277+16 TO 280+24

EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, AVE. DEPTH 4.8"
- (B) EXISTING PCC PAVEMENT AVE DEPTH 10"
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING GROUND (R)
- (F) PAVEMENT REMOVAL
- (G) EARTH EXCAVATION
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

PROPOSED LEGEND

- (1) HMA BASE COURSE WIDENING 6 1/4
- (2) SHOULDER RUMBLE STRIPS, 8" (TYP)
- (3) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (TYP)
- (4) TOPSOIL FURNISH AND PLACE, 4"
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"
- (7) 1 3/4" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
- (8) SUBBASE GRANULAR MATERIAL, TYPE C
- (9) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) GRADING AND SHAPING SHOULDERS
- (11) PIPE UNDERDRAINS, TYPE 2, 4"
- (**12) 1 3/4" HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

NOTES:
1. SAWCUTTING THE EXISTING HOT-MIX ASPHALT (HMA) PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL PAY ITEM.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE MILLED SURFACE.
3. SEE ROADWAY PLANS FOR LIMITS OF SHOULDER AND RUMBLE STRIP WORK.

SEQUENCE OF CONSTRUCTION
THE CONTRACTOR SHALL PATCH AFTER MILLING.
SEE DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT.

HOT–MIX ASPHALT MIXTURE REQUIREMENTS

ITEM	AIR VOIDS @ Ndes	THICKNESS	QMP
US 12 (RAND ROAD) - RESURFACING & WIDENING			
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	3.5% @ 80 GYR.	1 3/4"	PFP
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19.0)	4% @ 90 GYR.	9 3/4"	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER COURSE)	4% @ 70 GYR.	6 1/4"	QC/QA
US 12 (RAND ROAD) - SHOULDER RECONSTRUCTION (STA 177+90 TO STA 192+98)			
HOT-MIX ASPHALT SURFACE COURSE IL-9.5 MIX D N70	4% @ 70 GYR.	1 3/4"	QC/QA
HMA BASE COURSE WIDENING (HMA BINDER COURSE IL-19.0)	4% @ 70 GYR.	6 1/4"	QC/QA
US 12 (RAND ROAD) - HOT-MIX ASPHALT PATCHING			
CLASS D PATCH (HMA BINDER IL-19.0)	4% @ 70 GYR.	13"	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	3"	QC/QA
DRIVEWAY PAVEMENT			
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	4% @ 50 GYR.	2"	QC/QA
P.E. - HMA BASE COURSE (HMA BINDER IL-19.0)	4% @ 50 GYR.	6"	QC/QA
C.E. - HMA BASE COURSE (HMA BINDER IL-19.0)	4% @ 50 GYR.	8"	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)			

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LB/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 "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

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USER NAME = KenCortopassi	DESIGNED -	REVISED -	
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	CHECKED -	REVISED -	
PLOT DATE = 4/2/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
TYPICAL SECTIONS

SCALE: NTS | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	20
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

MODEL: US12 - Sheet 1 Mainline
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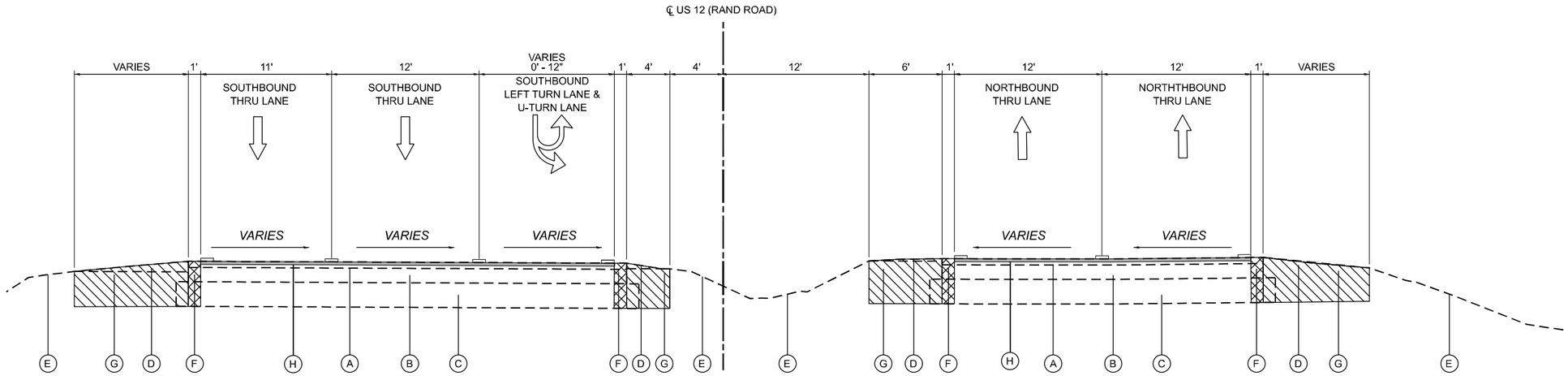
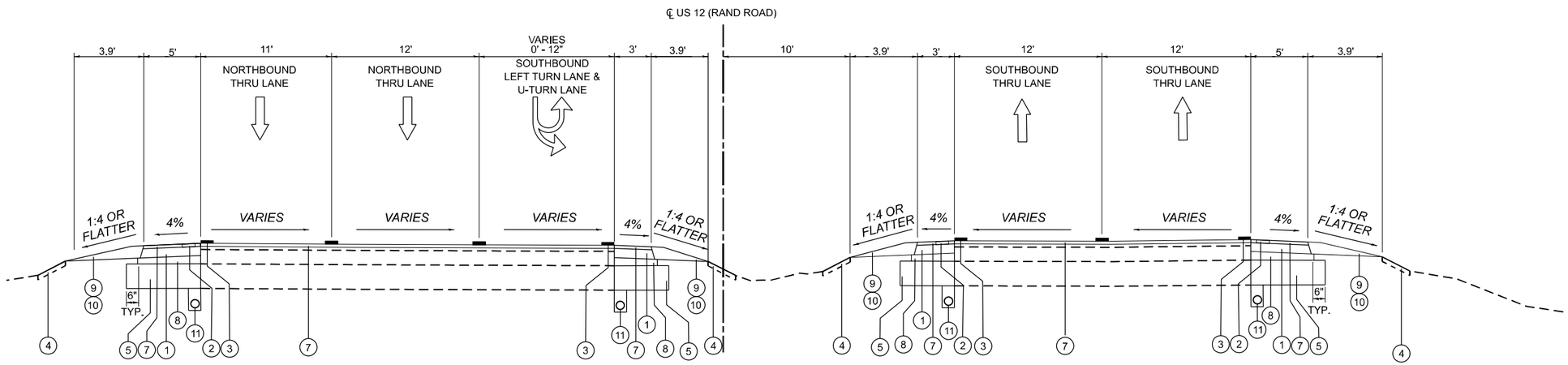


EXISTING TYPICAL SECTION

US 12 (RAND ROAD)

STA. 193+72.4 TO STA. 198+16.4
STA. 229+50.0 TO STA. 233+49.2
STA. 238+50.0 TO STA. 242+10.8
STA. 351+00.0 TO STA. 355+86.3
STA. 361+20.0 TO STA. 365+35.7
STA. 372+00.0 TO STA. 377+37.0
STA. 393+50.0 TO STA. 397+68.7
STA. 405+00.0 TO STA. 409+04.4
STA. 411+50.0 TO STA. 415+86.0
STA. 438+40.0 TO STA. 442+64.6
STA. 452+00.0 TO STA. 456+40.0
STA. 472+50.0 TO STA. 477+31.3
STA. 487+10.0 TO STA. 491+11.8
STA. 500+00.0 TO STA. 506+80.0



PROPOSED TYPICAL SECTION

US 12 (RAND ROAD)

STA. 193+72.4 TO STA. 198+16.4
STA. 229+50.0 TO STA. 233+49.2
STA. 238+50.0 TO STA. 242+10.8
STA. 351+00.0 TO STA. 355+86.3
STA. 361+20.0 TO STA. 365+35.7
STA. 372+00.0 TO STA. 377+37.0
STA. 393+50.0 TO STA. 397+68.7
STA. 405+00.0 TO STA. 409+04.4
STA. 411+50.0 TO STA. 415+86.0
STA. 438+40.0 TO STA. 442+64.6
STA. 452+00.0 TO STA. 456+40.0
STA. 472+50.0 TO STA. 477+31.3
STA. 487+10.0 TO STA. 491+11.8
STA. 500+00.0 TO STA. 506+80.0

EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, AVE. DEPTH 4.8"
- (B) EXISTING PCC PAVEMENT AVE DEPTH 10"
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING GROUND (R)
- (F) PAVEMENT REMOVAL
- (G) EARTH EXCAVATION
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

PROPOSED LEGEND

- (1) HMA BASE COURSE WIDENING 6 1/4
- (2) SHOULDER RUMBLE STRIPS, 8" (TYP)
- (3) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (TYP)
- (4) TOPSOIL FURNISH AND PLACE, 4"
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
- (8) SUBBASE GRANULAR MATERIAL, TYPE C
- (9) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) GRADING AND SHAPING SHOULDERS
- (11) PIPE UNDERDRAINS, TYPE 2, 4"

NOTES:

1. SAWCUTTING THE EXISTING HOT-MIX ASPHALT (HMA) PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL PAY ITEM.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE MILLED SURFACE.
3. SEE ROADWAY PLANS FOR LIMITS OF SHOULDER AND RUMBLE STRIP WORK.

SEQUENCE OF CONSTRUCTION

THE CONTRACTOR SHALL PATCH AFTER MILLING.
SEE DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT.

MODEL: US12 - Sheet 2 SB LTL
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-typical.dgn

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USER NAME = KenCortopassi	DESIGNED -	REVISED -	
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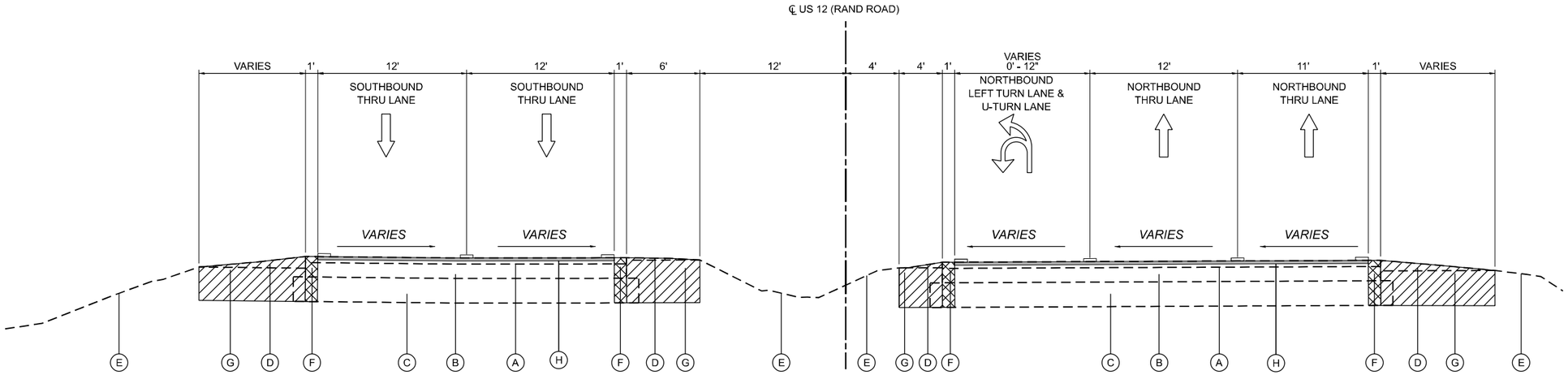
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
TYPICAL SECTIONS

SCALE: NTS | SHEET 2 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	21
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



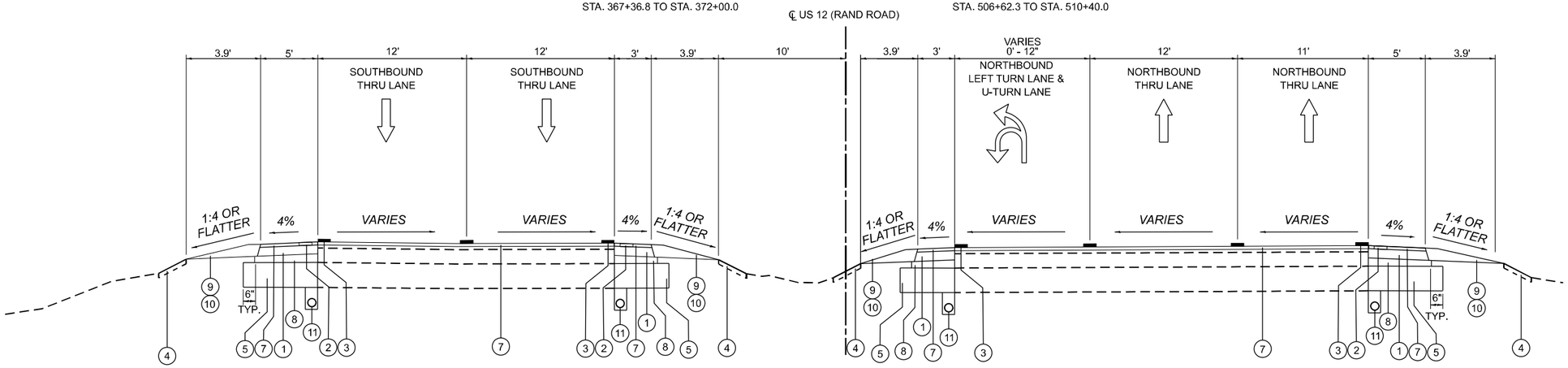
EXISTING TYPICAL SECTION

US 12 (RAND ROAD)

STA. 225+01.4 TO STA. 229+30.0
STA. 234+38.3 TO STA. 238+50.0
STA. 319+44.7 TO STA. 324+00.0
STA. 356+97.3 TO STA. 361+20.0
STA. 367+36.8 TO STA. 372+00.0

STA. 389+80.4 TO STA. 393+50.0
STA. 401+28.3 TO STA. 405+00.0
STA. 415+26.0 TO STA. 420+50.0
STA. 433+32.7 TO STA. 438+40.0

STA. 447+50.5 TO STA. 452+00.0
STA. 459+18.5 TO STA. 463+90.0
STA. 467+41.9 TO STA. 472+50.0
STA. 482+76.5 TO STA. 487+10.0
STA. 506+62.3 TO STA. 510+40.0



EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, AVE. DEPTH 4.8"
- (B) EXISTING PCC PAVEMENT AVE DEPTH 10"
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING GROUND (R)
- (F) PAVEMENT REMOVAL
- (G) EARTH EXCAVATION
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

PROPOSED LEGEND

- (1) HMA BASE COURSE WIDENING 6 1/4
- (2) SHOULDER RUMBLE STRIPS, 8" (TYP)
- (3) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (TYP)
- (4) TOPSOIL FURNISH AND PLACE, 4"
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
- (8) SUBBASE GRANULAR MATERIAL, TYPE C
- (9) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) GRADING AND SHAPING SHOULDERS
- (11) PIPE UNDERDRAINS, TYPE 2, 4"

PROPOSED TYPICAL SECTION

US 12 (RAND ROAD)

STA. 225+01.4 TO STA. 229+30.0
STA. 234+38.3 TO STA. 238+50.0
STA. 319+44.7 TO STA. 324+00.0
STA. 356+97.3 TO STA. 361+20.0
STA. 367+36.8 TO STA. 372+00.0

STA. 389+80.4 TO STA. 393+50.0
STA. 401+28.3 TO STA. 405+00.0
STA. 415+26.0 TO STA. 420+50.0
STA. 433+32.7 TO STA. 438+40.0

STA. 447+50.5 TO STA. 452+00.0
STA. 459+18.5 TO STA. 463+90.0
STA. 467+41.9 TO STA. 472+50.0
STA. 482+76.5 TO STA. 487+10.0
STA. 506+62.3 TO STA. 510+40.0

NOTES:

1. SAWCUTTING THE EXISTING HOT-MIX ASPHALT (HMA) PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL PAY ITEM.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE MILLED SURFACE.
3. SEE ROADWAY PLANS FOR LIMITS OF SHOULDER AND RUMBLE STRIP WORK.

SEQUENCE OF CONSTRUCTION

THE CONTRACTOR SHALL PATCH AFTER MILLING.
SEE DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT.

MODEL: US12 - Sheet 3 NB LTL
FILE NAME: Z:\2023\232331 PTB210-002_VarPhillProjects\WO1_62P73-US12-RandRd\IL59\09-CADD\3_Sheets\D162P73-sht-typical.dgn

WBK ENGINEERING
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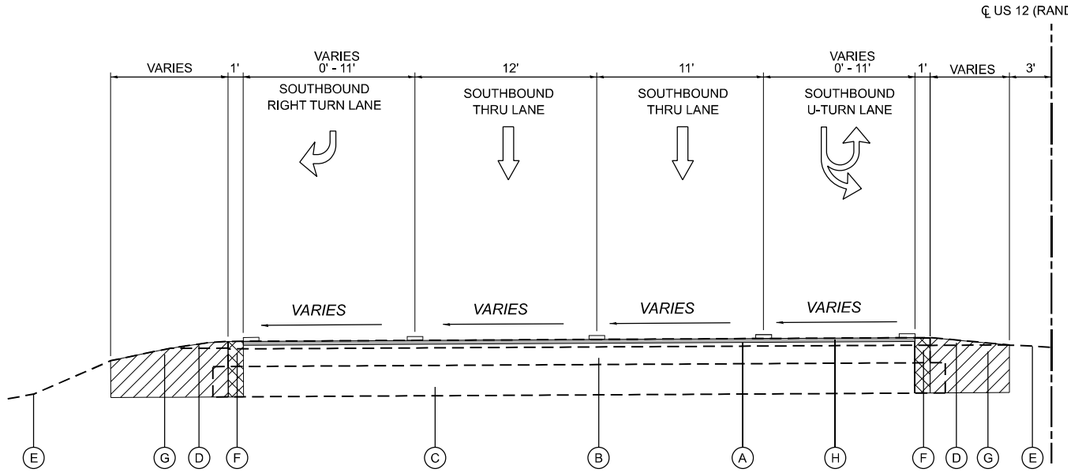
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
TYPICAL SECTIONS

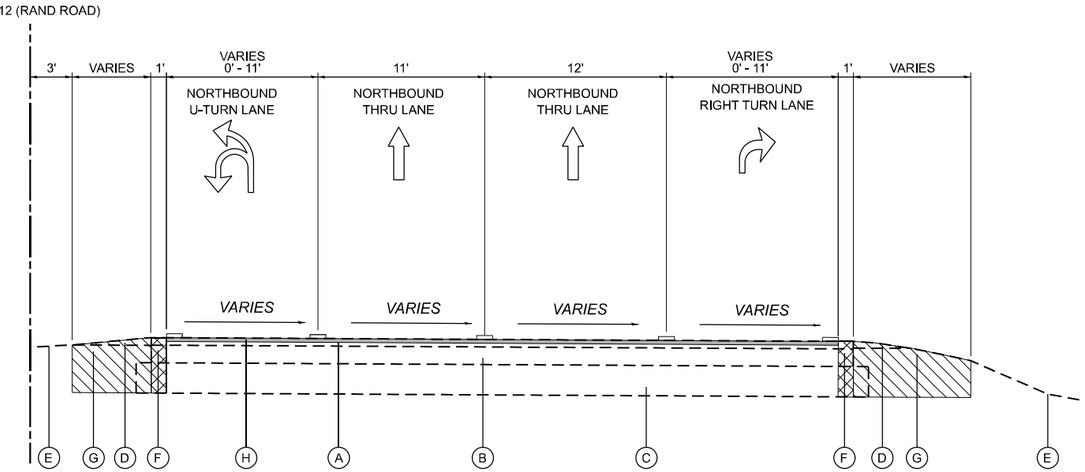
SCALE: NTS | SHEET 3 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	22
		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		



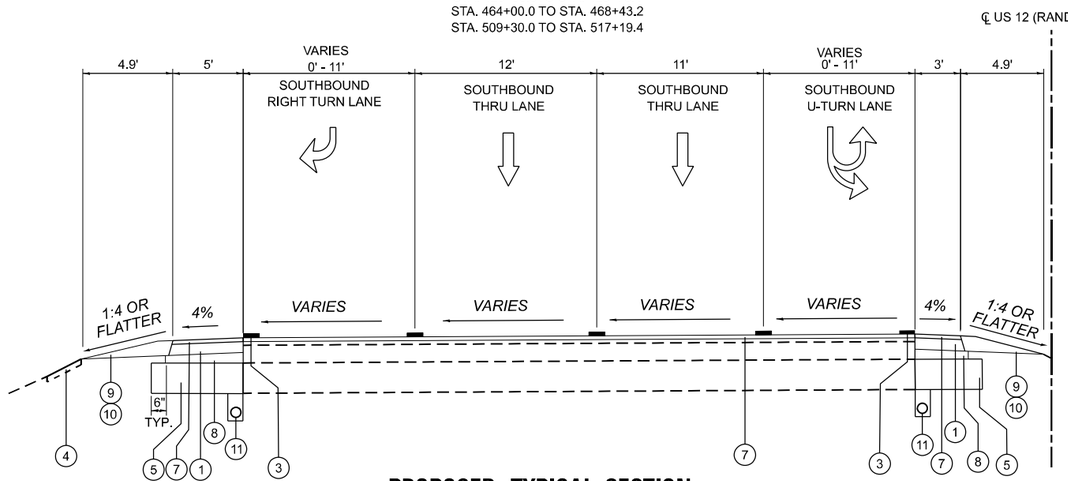
EXISTING TYPICAL SECTION

US 12 (RAND ROAD)
STA. 218+60.0 TO STA. 225+01.4
STA. 324+00.0 TO STA. 328+80.6
STA. 420+50.0TO STA. 425+76.4
STA. 464+00.0 TO STA. 468+43.2
STA. 509+30.0 TO STA. 517+19.4



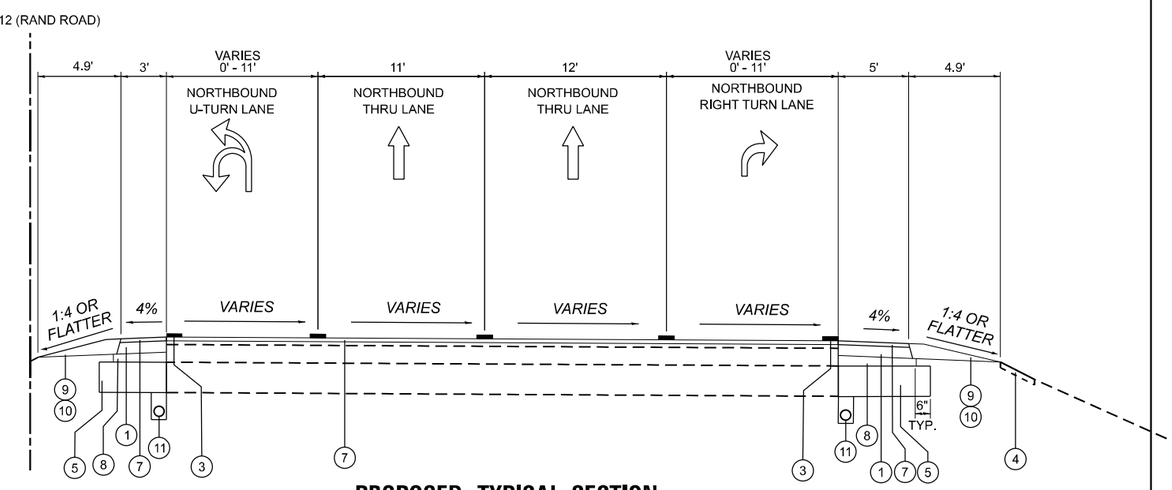
EXISTING TYPICAL SECTION

US 12 (RAND ROAD)
STA. 209+57.9 TO STA. 218+70.0
STA. 314+16.5 TO STA. 317+10.2
STA. 334+02.7 TO STA. 339+97.6
STA.346+16.9 TO STA. 350+40.0
STA. 494+45.3 TO STA.501+79.7
STA. 513+91.2 TO STA. 517+19.4



PROPOSED TYPICAL SECTION

US 12 (RAND ROAD)
STA. 218+60.0 TO STA. 225+01.4
STA. 324+00.0 TO STA. 328+80.6
STA. 420+50.0TO STA. 425+76.4
STA. 464+00.0 TO STA. 468+43.2
STA. 509+30.0 TO STA. 517+19.4



PROPOSED TYPICAL SECTION

US 12 (RAND ROAD)
STA. 209+57.9 TO STA. 218+70.0
STA. 314+16.5 TO STA. 317+10.2
STA. 334+02.7 TO STA. 339+97.6
STA.346+16.9 TO STA. 350+40.0
STA. 494+45.3 TO STA.501+79.7
STA. 513+91.2 TO STA. 517+19.4

EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, AVE. DEPTH 4.8"
- (B) EXISTING PCC PAVEMENT AVE DEPTH 10"
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING GROUND (R)
- (F) PAVEMENT REMOVAL
- (G) EARTH EXCAVATION
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

PROPOSED LEGEND

- (1) HMA BASE COURSE WIDENING 6 1/4
- (2) SHOULDER RUMBLE STRIPS, 8" (TYP)
- (3) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (TYP)
- (4) TOPSOIL FURNISH AND PLACE, 4"
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
- (8) SUBBASE GRANULAR MATERIAL, TYPE C
- (9) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) GRADING AND SHAPING SHOULDERS
- (11) PIPE UNDERDRAINS, TYPE 2, 4"

NOTES:
1. SAWCUTTING THE EXISTING HOT-MIX ASPHALT (HMA) PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL PAY ITEM.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE MILLED SURFACE.
3. SEE ROADWAY PLANS FOR LIMITS OF SHOULDER AND RUMBLE STRIP WORK.

SEQUENCE OF CONSTRUCTION
THE CONTRACTOR SHALL PATCH AFTER MILLING.
SEE DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT.

MODEL: US12 - Sheet 4 SB LT-RT
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-typical.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

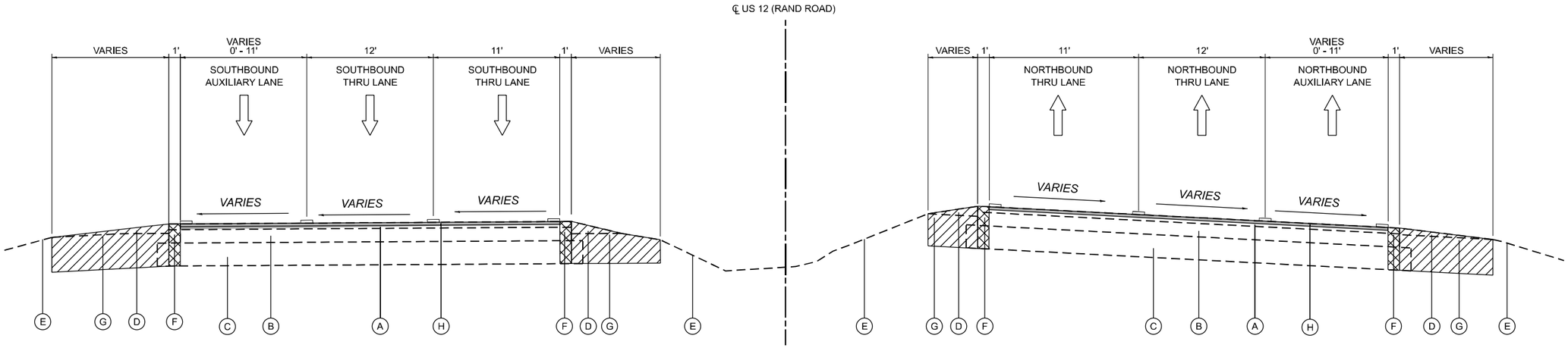
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
TYPICAL SECTIONS

SCALE: NTS | SHEET 4 OF 7 SHEETS | STA. | TO STA.

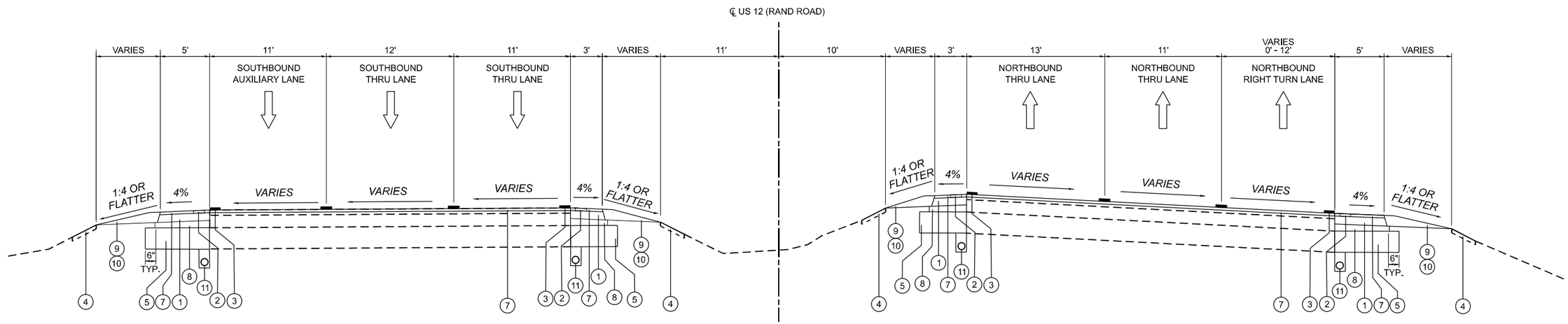
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	23
		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		



EXISTING TYPICAL SECTION

US 12 (RAND ROAD)

STA. 241+27.0 TO STA. 271+67.0
STA. 290+07.8 TO STA. 303+50.0



PROPOSED TYPICAL SECTION

US 12 (RAND ROAD)

STA. 241+27.0 TO STA. 271+67.0
STA. 290+07.8 TO STA. 303+50.0

EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, AVE. DEPTH 4.8"
- (B) EXISTING PCC PAVEMENT AVE DEPTH 10"
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING GROUND (R)
- (F) PAVEMENT REMOVAL
- (G) EARTH EXCAVATION
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

PROPOSED LEGEND

- (1) HMA BASE COURSE WIDENING 6 1/4
- (2) SHOULDER RUMBLE STRIPS, 8" (TYP)
- (3) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (TYP)
- (4) TOPSOIL FURNISH AND PLACE, 4"
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
- (8) SUBBASE GRANULAR MATERIAL, TYPE C
- (9) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) GRADING AND SHAPING SHOULDERS
- (11) PIPE UNDERDRAINS, TYPE 2, 4"

NOTES:

1. SAWCUTTING THE EXISTING HOT-MIX ASPHALT (HMA) PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL PAY ITEM.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE MILLED SURFACE.
3. SEE ROADWAY PLANS FOR LIMITS OF SHOULDER AND RUMBLE STRIP WORK.

SEQUENCE OF CONSTRUCTION

THE CONTRACTOR SHALL PATCH AFTER MILLING.
SEE DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT.

MODEL: US12 - Sheet 5 At Interchange
FILE NAME: Z:\2023\2323331 PTB210-002_VarPhII\Projects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-typical.dgn

WBK ENGINEERING
116 WEST MAIN STREET
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ST. CHARLES, IL 60174
(630) 443-7755

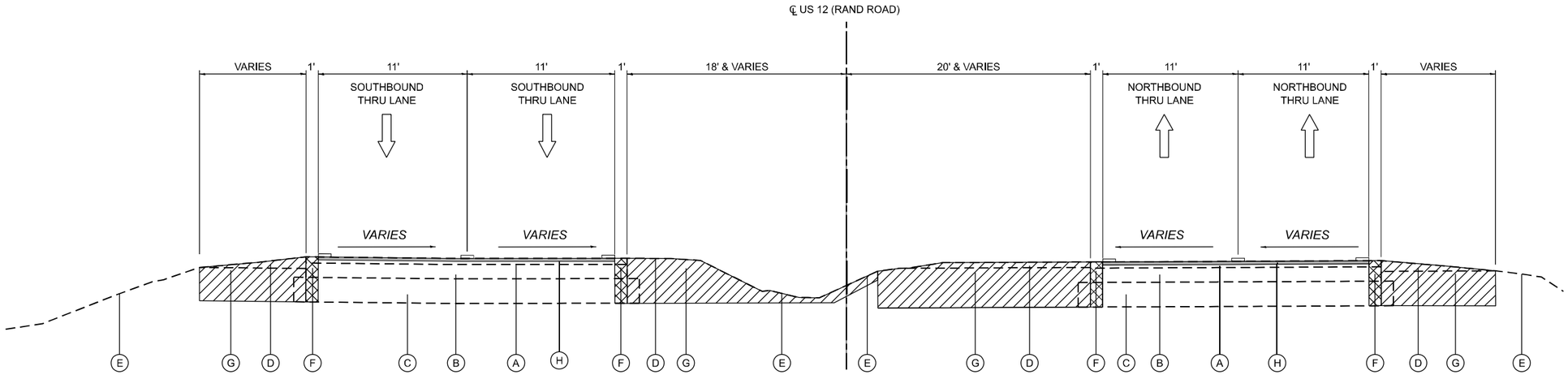
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
TYPICAL SECTIONS

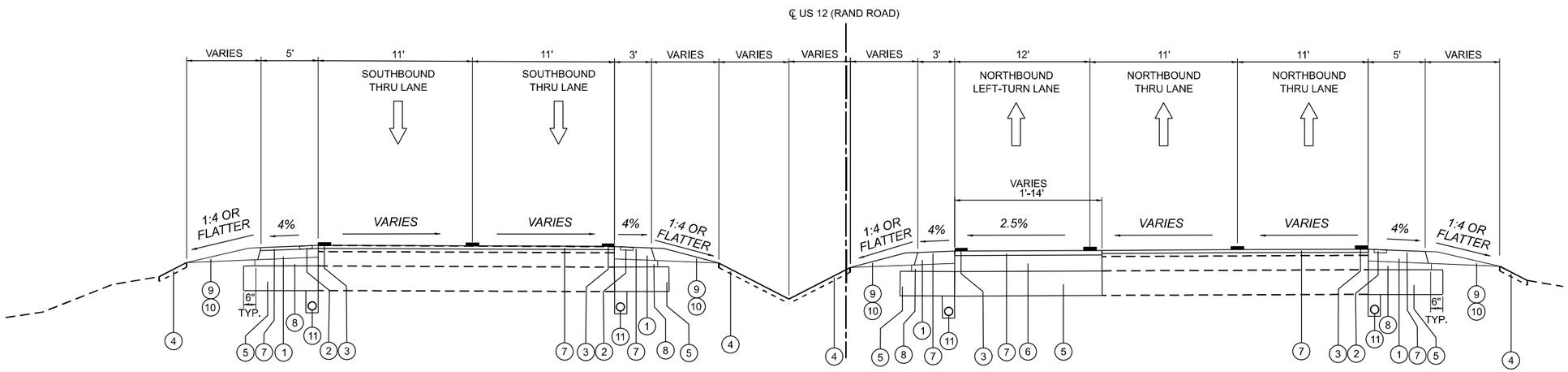
SCALE: NTS | SHEET 5 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	24
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION

US 12 (RAND ROAD) LEFT TURN LANE AT W. CASE ROAD
STA. 405+23.9 TO STA. 411+03.7



PROPOSED TYPICAL SECTION

US 12 (RAND ROAD) LEFT TURN LANE AT W. CASE ROAD
STA. 405+23.90 TO STA. 411+03.70

EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, AVE. DEPTH 4.8"
- (B) EXISTING PCC PAVEMENT AVE DEPTH 10"
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING GROUND (R)
- (F) PAVEMENT REMOVAL
- (G) EARTH EXCAVATION
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

PROPOSED LEGEND

- (1) HMA BASE COURSE WIDENING 6 1/4
- (2) SHOULDER RUMBLE STRIPS, 8" (TYP)
- (3) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (TYP)
- (4) TOPSOIL FURNISH AND PLACE, 4"
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
- (8) SUBBASE GRANULAR MATERIAL, TYPE C
- (9) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) GRADING AND SHAPING SHOULDERS
- (11) PIPE UNDERDRAINS, TYPE 2, 4"

NOTES:

1. SAWCUTTING THE EXISTING HOT-MIX ASPHALT (HMA) PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL PAY ITEM.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE MILLED SURFACE.
3. SEE ROADWAY PLANS FOR LIMITS OF SHOULDER AND RUMBLE STRIP WORK.

SEQUENCE OF CONSTRUCTION

THE CONTRACTOR SHALL PATCH AFTER MILLING.
SEE DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT.

MODEL: US12 - Sheet 6 Case Rd
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-typical.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

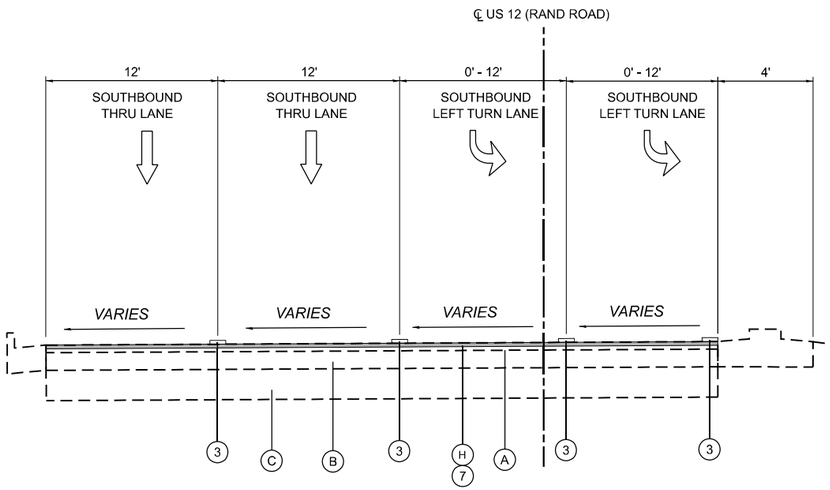
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
TYPICAL SECTIONS

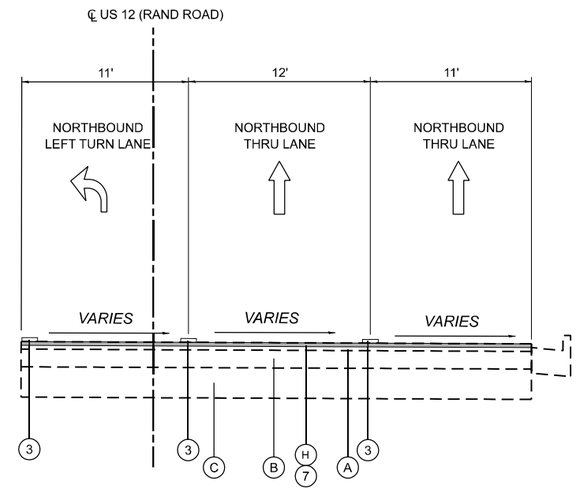
SCALE: NTS | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	25
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



EX & PR. TYPICAL SECTION

US 12 (RAND ROAD)
STA. 523+54.5 TO STA. 527+50.9



EX & PR. TYPICAL SECTION

US 12 (RAND ROAD)
STA. 525+24.7 TO STA. 538+72.9

EXISTING LEGEND

- (A) EXISTING HMA OVERLAY, AVE. DEPTH 4.8"
- (B) EXISTING PCC PAVEMENT AVE DEPTH 10"
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING AGGREGATE SHOULDER
- (E) EXISTING GROUND (R)
- (F) PAVEMENT REMOVAL
- (G) EARTH EXCAVATION
- (H) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"

PROPOSED LEGEND

- (1) HMA BASE COURSE WIDENING 6 1/4
- (2) SHOULDER RUMBLE STRIPS, 8" (TYP)
- (3) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (TYP)
- (4) TOPSOIL FURNISH AND PLACE, 4"
- (5) AGGREGATE SUBGRADE IMPROVEMENT 12"
- (6) HOT-MIX ASPHALT BASE COURSE WIDENING, 9 3/4"
- (7) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
- (8) SUBBASE GRANULAR MATERIAL, TYPE C
- (9) AGGREGATE WEDGE SHOULDER, TYPE B
- (10) GRADING AND SHAPING SHOULDERS
- (11) PIPE UNDERDRAINS, TYPE 2, 4"

NOTES:
1. SAWCUTTING THE EXISTING HOT-MIX ASPHALT (HMA) PAVEMENT SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL PAY ITEM.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE MILLED SURFACE.
3. SEE ROADWAY PLANS FOR LIMITS OF SHOULDER AND RUMBLE STRIP WORK.

SEQUENCE OF CONSTRUCTION
THE CONTRACTOR SHALL PATCH AFTER MILLING.
SEE DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT.

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
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USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
TYPICAL SECTIONS

SCALE: NTS | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	26

CONTRACT NO. 62P73
ILLINOIS FED. AID PROJECT

BENCHMARK #1
SQUARE IN S. CONC. BASE OF T.S. W/ARM IN THE N.E. CORNER OF US 12 & LAKE SHORE DR.
ELEV. = 800.590

BENCHMARK #2
"□" IN S.W. CORNER OF CONC. RIM OF DROP BOX IN CENTER MEDIAN US 12 JUST S. OF BRIDGE OVER IL 176
ELEV. = 792.315

BENCHMARK #3
"□" IN S.W. CORNER OF CONC. BASE OF OVERHEAD SIGN IN MEDIAN US 12 +/- 1,000' N. OF BRIDGE OVER IL 176
ELEV. = 771.98

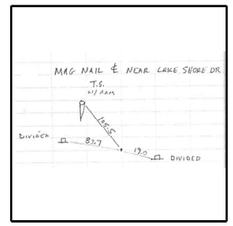
BENCHMARK #4
"□" IN S.E. CORNER CONC. BASE OF TRAFFIC H.H. IN THE N.W. CORNER OF US 12 & BONNER RD.
ELEV. = 785.425

BENCHMARK #5
"□" IN S. CENTER OF CONC. RIM OF DROP BOX IN MEDIAN US 12 +/- 2,000' S. OF CASE RD.
ELEV. = 770.270

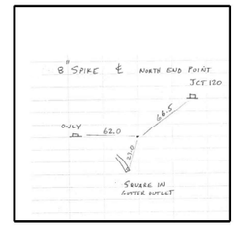
BENCHMARK #6
SPIKE W/ YELLOW SLEEVE IN LIGHT POLE IN THE S.W. CORNER OF US 12 & CASE RD.
ELEV. = 773.000

BENCHMARK #7
"□" IN CENTER CONC. MEDIAN OF ENTRANCE TO PLATINUM AUTO BODY +/- 400' N. OF CASE RD.
ELEV. = 777.490

BENCHMARK #8
"□" IN GUTTER OUTLET IN MEDIAN US 12 IN FRONT OF WOODMAN'S GROCERY STORE.
ELEV. = 771.700



CONTROL POINT #10
MAG NAIL ℄ NEAR LAKE SHORE DR.
STA. 193+00.80
N = 2032326.884
E = 1040034.762
ELEV. = 801.881



CONTROL POINT #23
8" SPIKE ℄ NORTH END POINT JCT 120
STA. 512+37.07
N = 2059406.154
E = 1029825.369
ELEV. = 771.245

CONTROL POINT #11
MAG NAIL
N = 2033228.621
E = 1037585.089
ELEV. = 805.911

CONTROL POINT #12
POC
N = 2035590.557
E = 1033535.056
ELEV. = 786.645

CONTROL POINT #13
MAG IN GRAVEL
N = 2039713.282
E = 1032626.721
ELEV. = 785.537

CONTROL POINT #14
MAG NAIL
N = 2041156.710
E = 1032615.302
ELEV. = 788.748

CONTROL POINT #15
POC
N = 2044466.583
E = 1032526.432
ELEV. = 785.266

CONTROL POINT #16
MAG NAIL
N = 2045849.867
E = 1032225.504
ELEV. = 794.641

CONTROL POINT #17
MAG NAIL
N = 2047944.817
E = 1031668.091
ELEV. = 772.422

CONTROL POINT #18
POC
N = 2049039.787
E = 1031305.098
ELEV. = 772.914

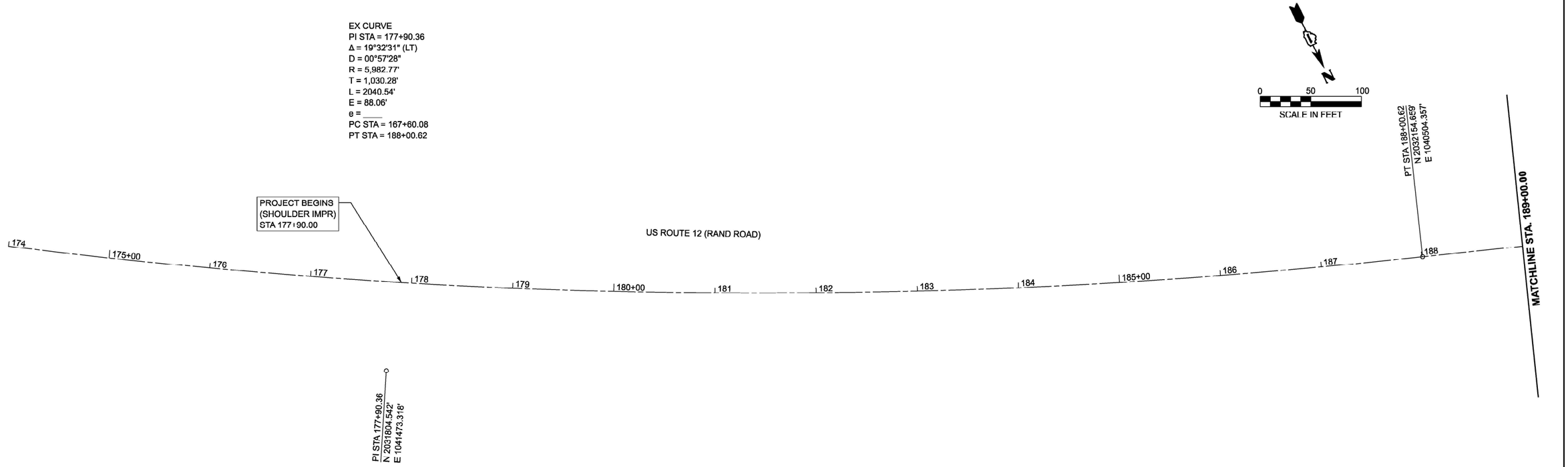
CONTROL POINT #19
PAINT
N = 2049828.993
E = 1030836.746
ELEV. = 770.871

CONTROL POINT #20
PAINT
N = 2049996.215
E = 1030710.417
ELEV. = 771.387

CONTROL POINT #21
POC
N = 2051250.413
E = 1030036.041
ELEV. = 769.507

CONTROL POINT #22
MAG NAIL
N = 2053396.632
E = 1029830.920
ELEV. = 777.440

EX CURVE
PI STA = 177+90.36
Δ = 19°32'31" (LT)
D = 00°57'28"
R = 5,982.77'
T = 1,030.28'
L = 2040.54'
E = 88.06'
e = ____
PC STA = 167+60.08
PT STA = 188+00.62



MODEL: US12_E - Plan 11-7
FILE NAME: Z:\2023\2332331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRd\IL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

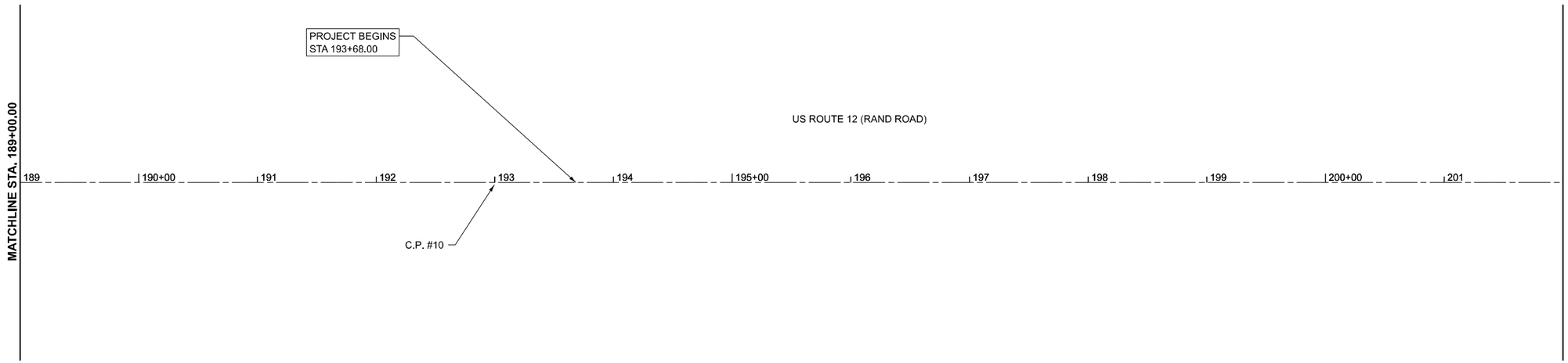
USER NAME = KenCortopassi	DESIGNED - $DESIGNED	REVISED -	
	DRAWN - $DRAWN	REVISED -	
	CHECKED - $CHECKED	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

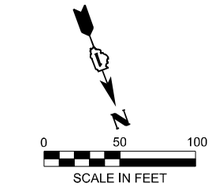
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

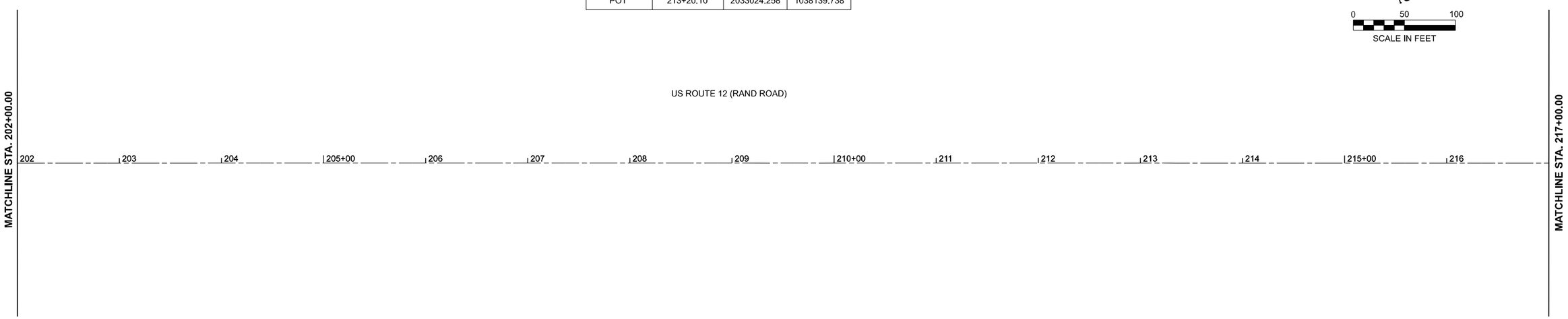
SCALE: 1"=50' | SHEET 1 OF 20 SHEETS | STA. 159+00.00 TO STA. 189+00.00

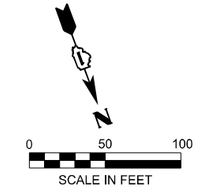
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	27
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	





POINT	STATION	NORTHING	EASTING
POT	204+02.88	2032707.617	1039000.543
POT	213+20.10	2033024.258	1038139.738





MODEL: US12_E - Plan 16
FILE NAME: C:\Bentley\CONNECT1011\Organization~Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
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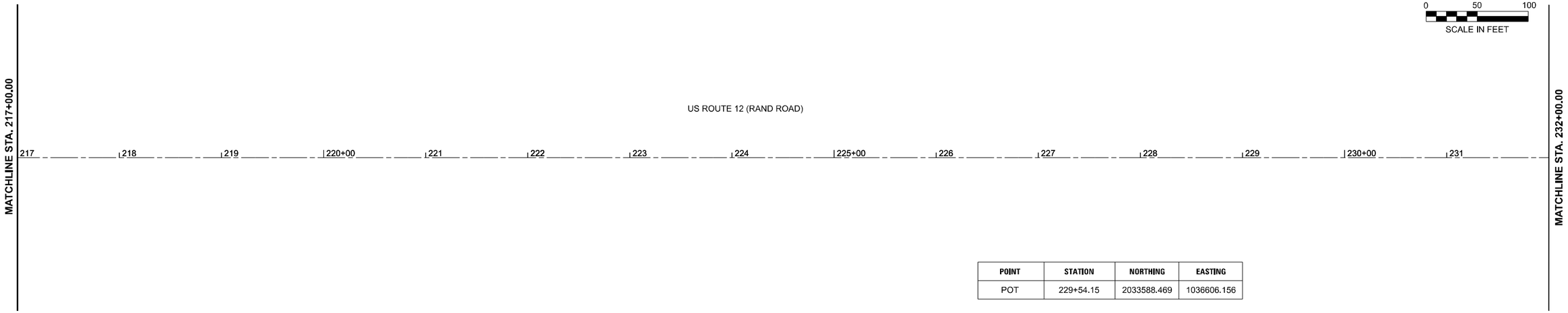
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

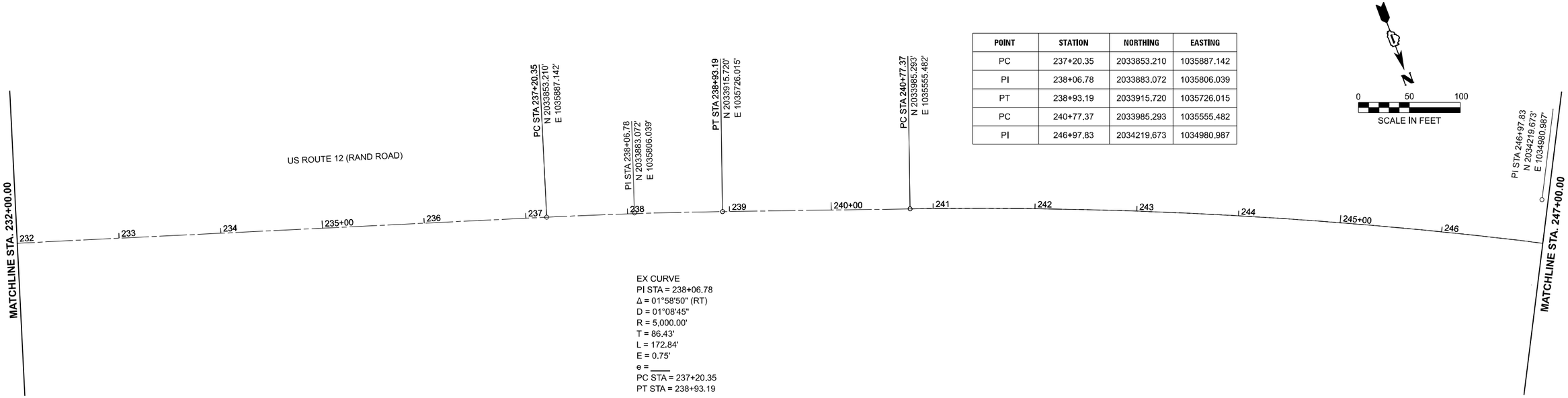
US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 2 OF 20 SHEETS | STA. 189+00.00 TO STA. 217+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	28
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



POINT	STATION	NORTHING	EASTING
POT	229+54.15	2033588.469	1036606.156



POINT	STATION	NORTHING	EASTING
PC	237+20.35	2033853.210	1035887.142
PI	238+06.78	2033883.072	1035806.039
PT	238+93.19	2033915.720	1035726.015
PC	240+77.37	2033985.293	1035555.482
PI	246+97.83	2034219.673	1034980.987

EX CURVE
PI STA = 238+06.78
Δ = 01°58'50" (RT)
D = 01°08'45"
R = 5,000.00'
T = 86.43'
L = 172.84'
E = 0.75'
e = ____
PC STA = 237+20.35
PT STA = 238+93.19

MODEL: US12_E - Plan 18
FILE NAME: C:\Bentley\CONNECT10\11\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

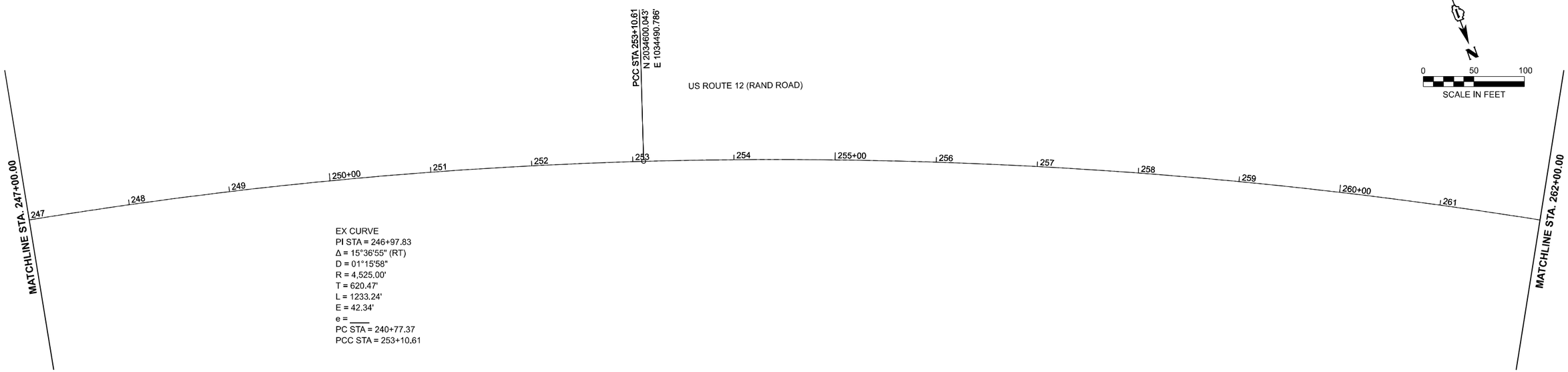
US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

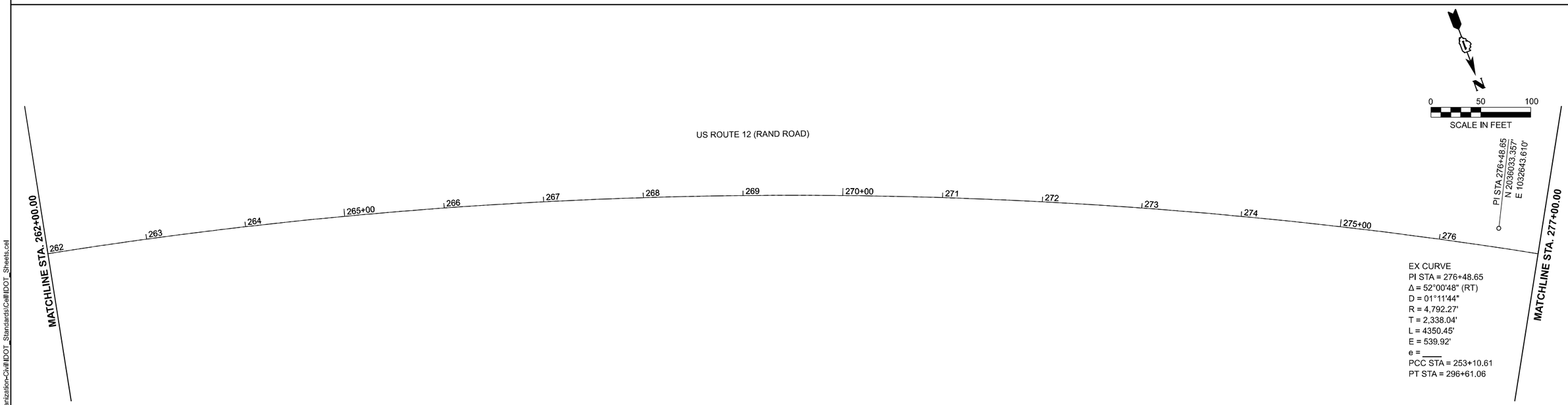
SCALE: 1"=50' | SHEET 3 OF 20 SHEETS | STA. 217+00.00 TO STA. 247+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	29

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT





MODEL: US12_E - Plan 20
FILE NAME: C:\Bentley\CONNECT10111\Organization-Civil\IDOT_Standards\Civil\IDOT_Sheets.cet

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

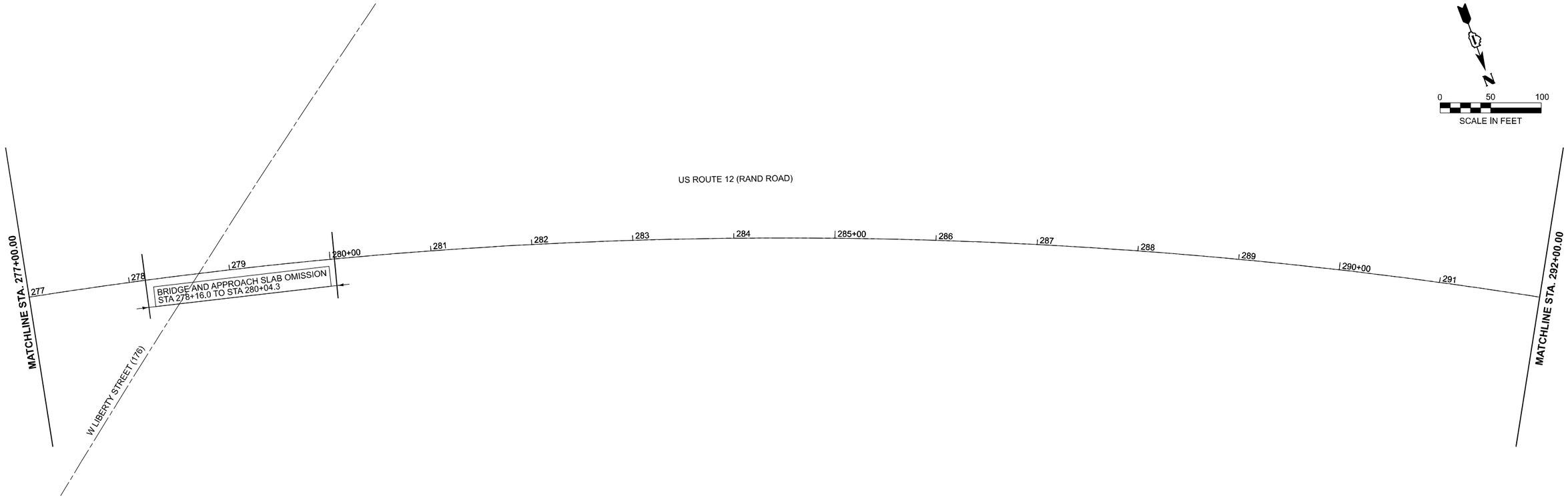
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

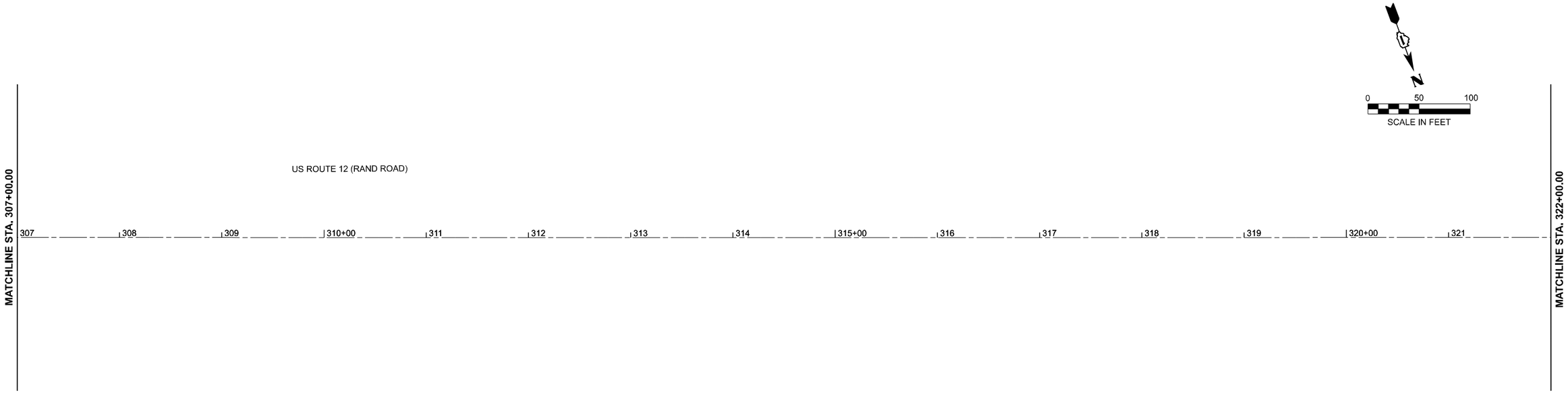
SCALE: 1"=50' | SHEET 4 OF 20 SHEETS | STA. 247+00.00 TO STA. 277+00.00

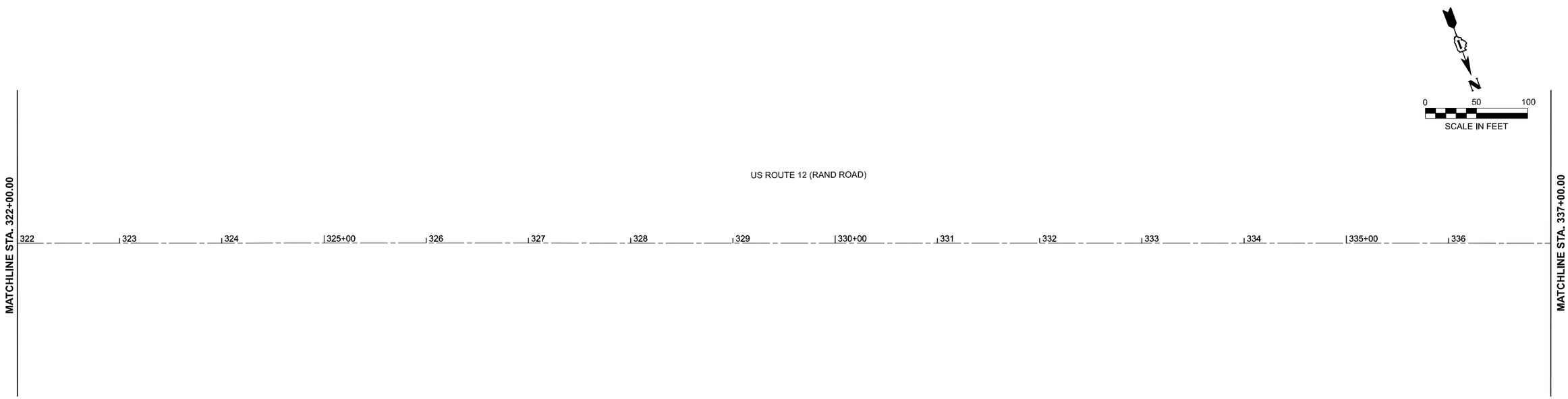
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	30
		CONTRACT NO. 62P73		
		ILLINOIS FED. AID PROJECT		



MODEL: US12_E - Plan 22
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD ALIGNMENT, TIES, AND BENCHMARKS	F.A.P. RTE. 334	SECTION 2024-12632-R56(N)SR,RS	COUNTY LAKE	TOTAL SHEETS 230 / SHEET NO. 31
		DRAWN -	REVISED -					CONTRACT NO. 62P73	
		CHECKED -	REVISED -						
	PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: 1"=50' SHEET 5 OF 20 SHEETS STA. 277+00.00 TO STA. 307+00.00		ILLINOIS	FED. AID PROJECT	





MODEL: US12_E - Plan 24
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

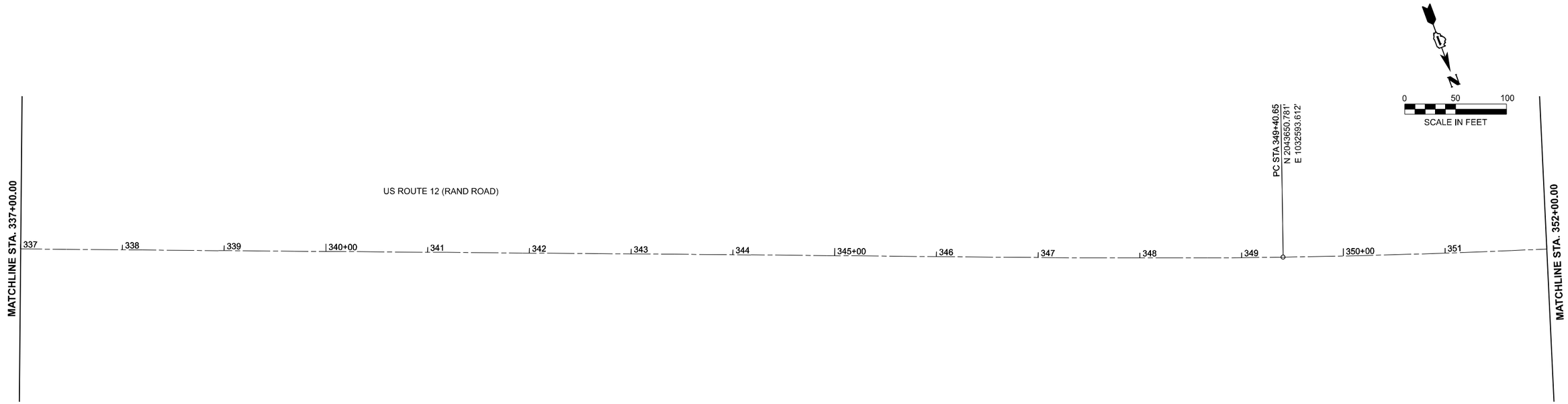
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

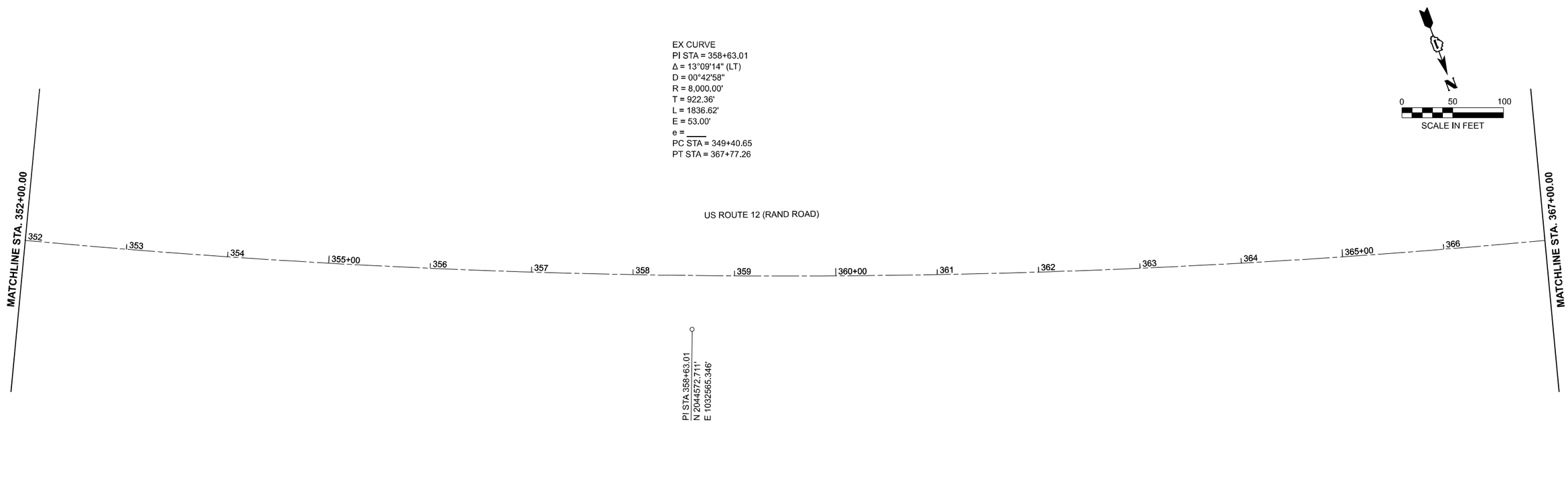
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 6 OF 20 SHEETS | STA. 307+00.00 TO STA. 337+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	32
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	





MODEL: US12_E - Plan 26
FILE NAME: C:\Bentley\CONNECT10.11\Organization-Civil\IDOT_Standards\Civil\IDOT_Sheets.cet

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

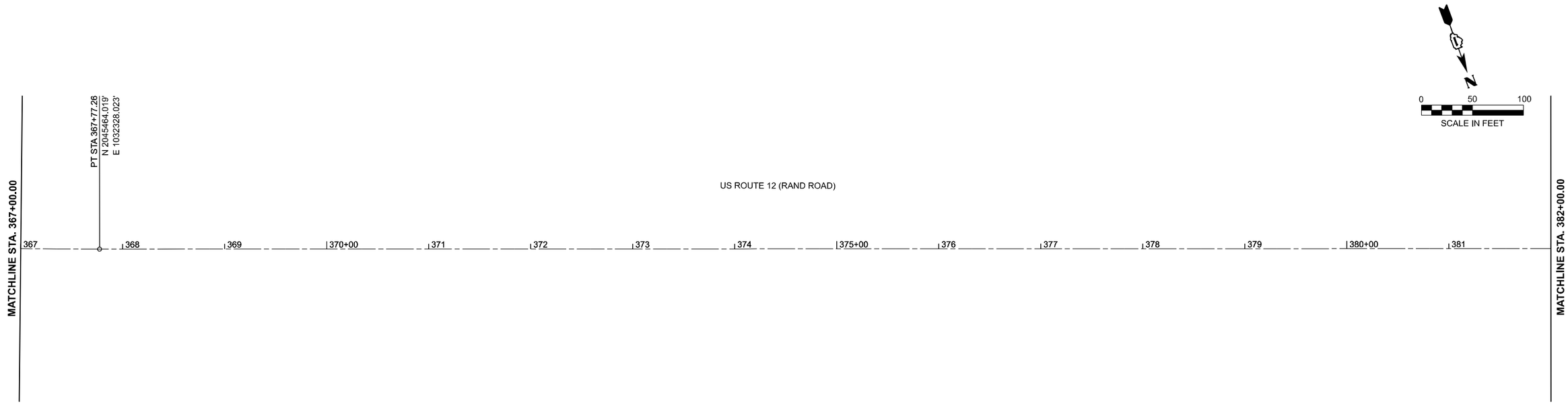
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

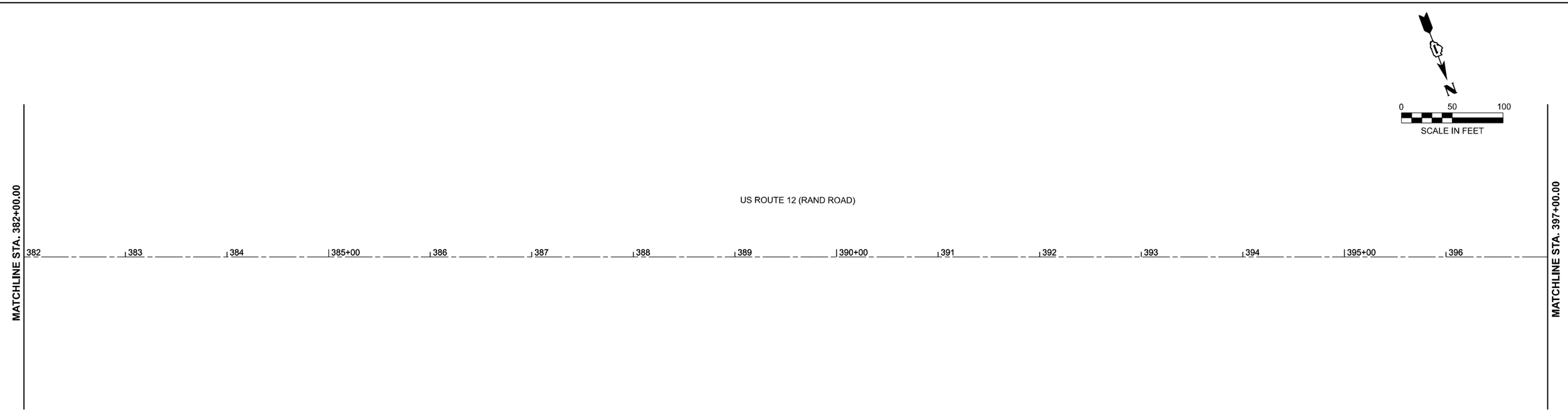
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 7 OF 20 SHEETS | STA. 337+00.00 TO STA. 367+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	33
		CONTRACT NO. 62P73		
		ILLINOIS FED. AID PROJECT		





MODEL: US12_E - Plan 28
FILE NAME: C:\Bentley\CONNECT1011\Organization~Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

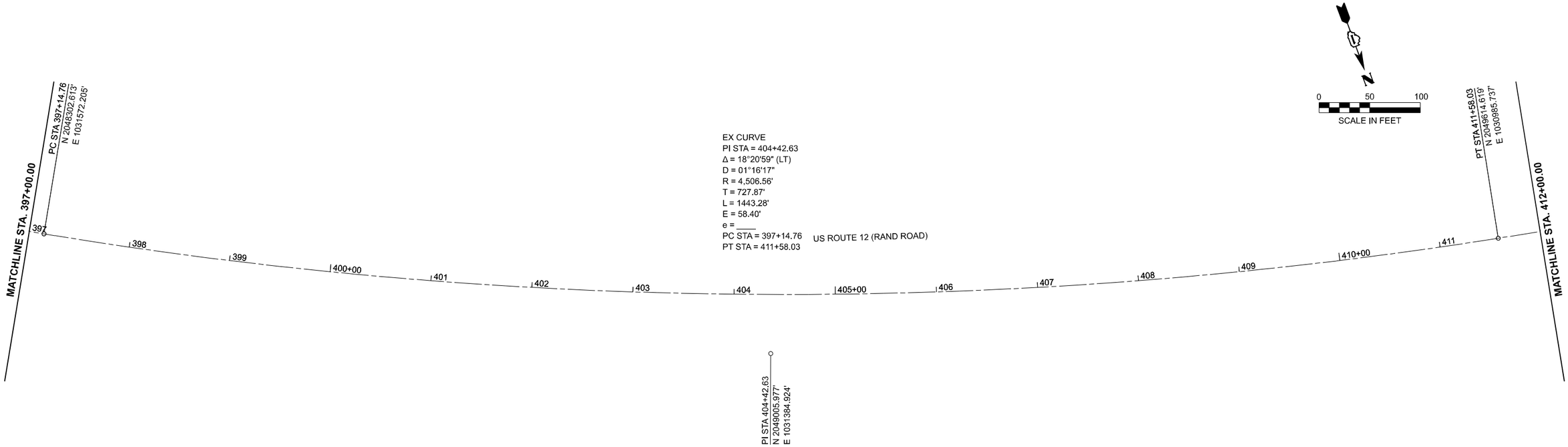
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

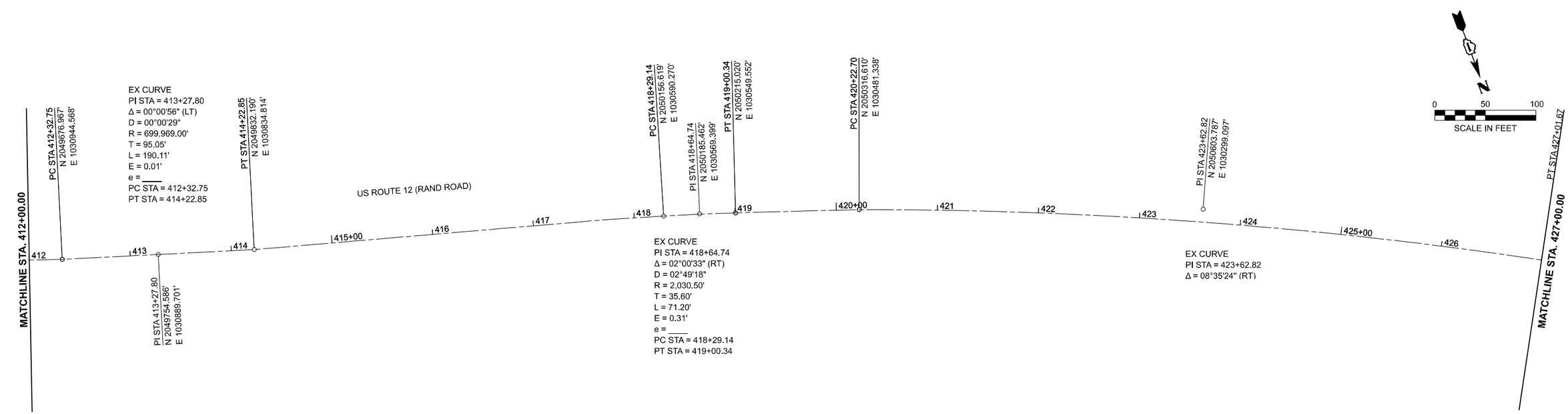
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 8 OF 20 SHEETS | STA. 367+00.00 TO STA. 397+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	34
		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		





MODEL: US12_E - Plan 30
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

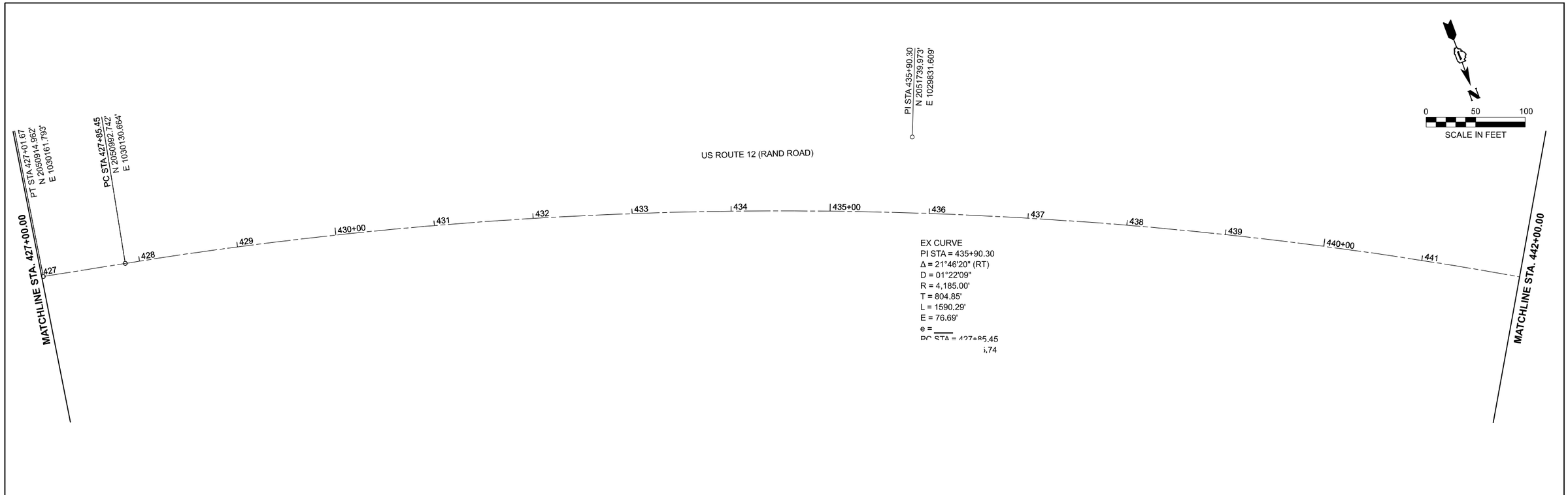
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

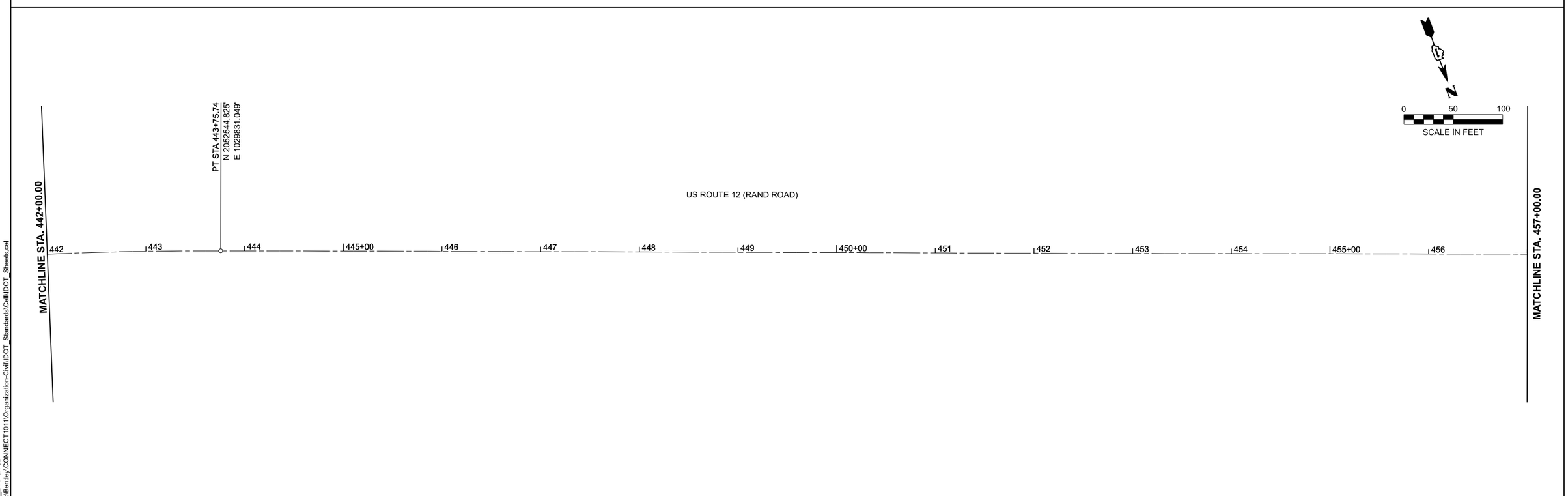
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 9 OF 20 SHEETS | STA. 397+00.00 TO STA. 427+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-12634-R56-N(SR,RS	LAKE	230	35
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	





MODEL: US12_E - Plan 32
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

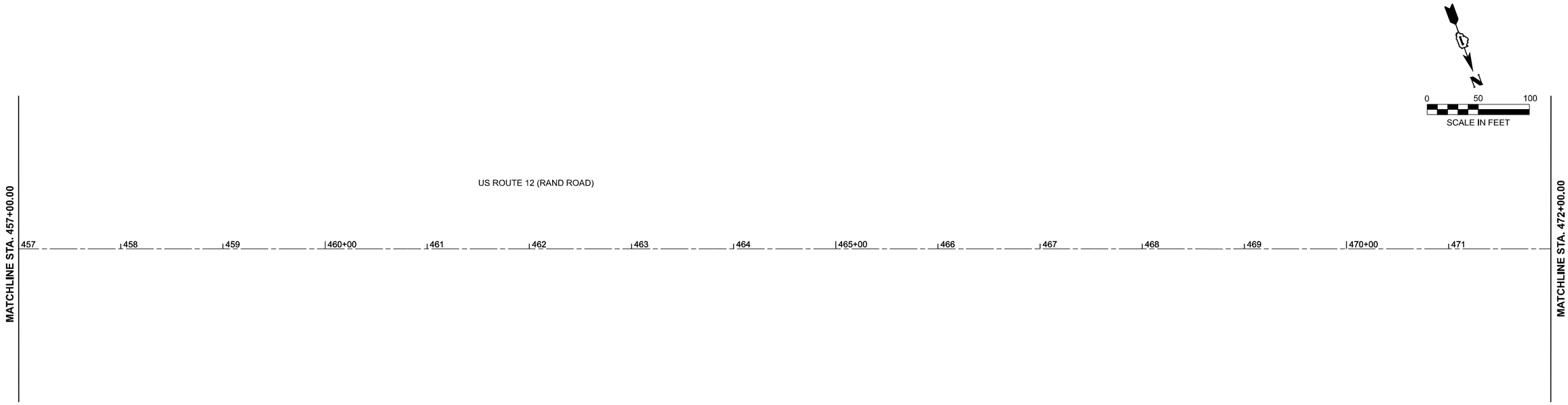
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

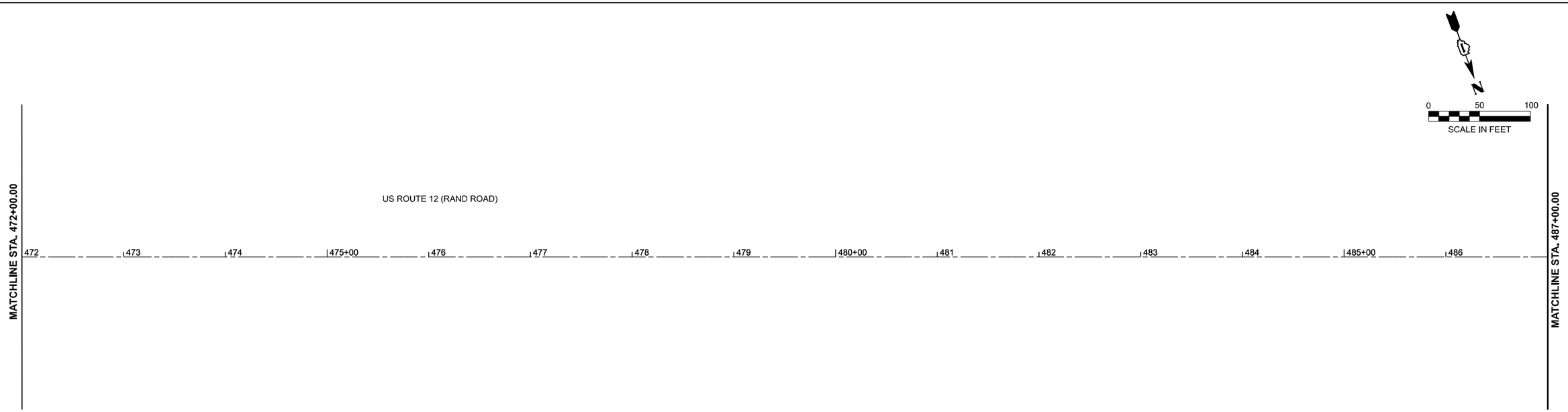
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 10 OF 20 SHEETS | STA. 427+00.00 TO STA. 457+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	36
		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		





MODEL: US12_E - Plan 34
FILE NAME: C:\Bentley\CONNECT\011\Organization~Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

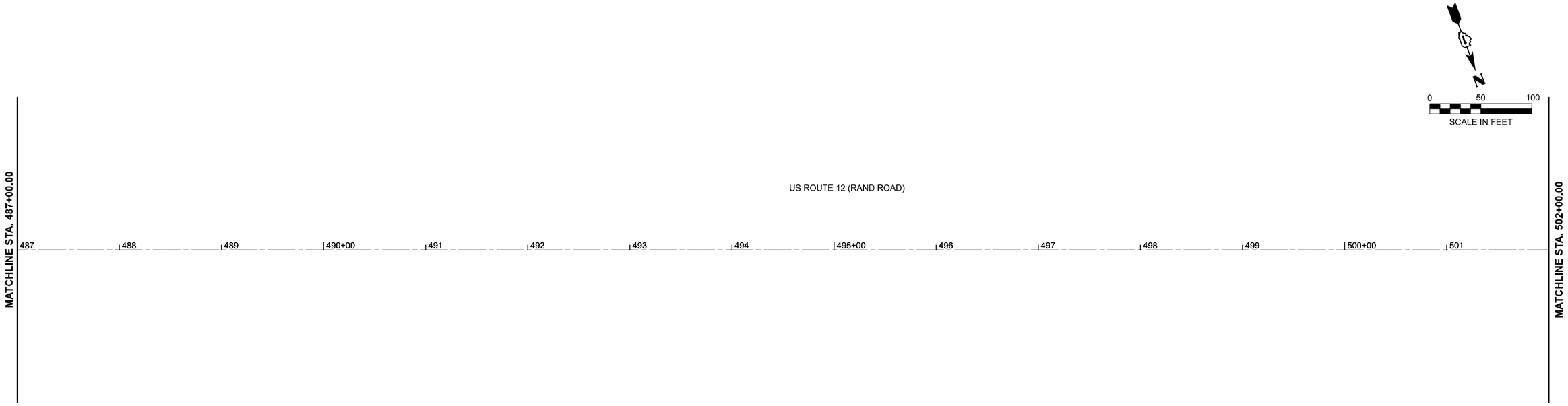
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

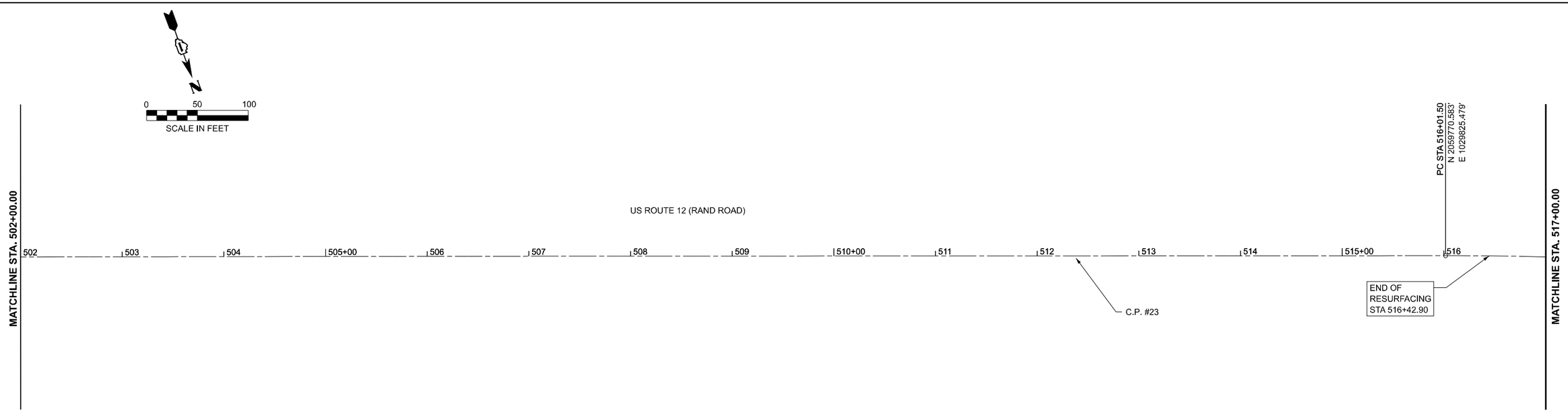
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 11 OF 20 SHEETS | STA. 457+00.00 TO STA. 487+00.00

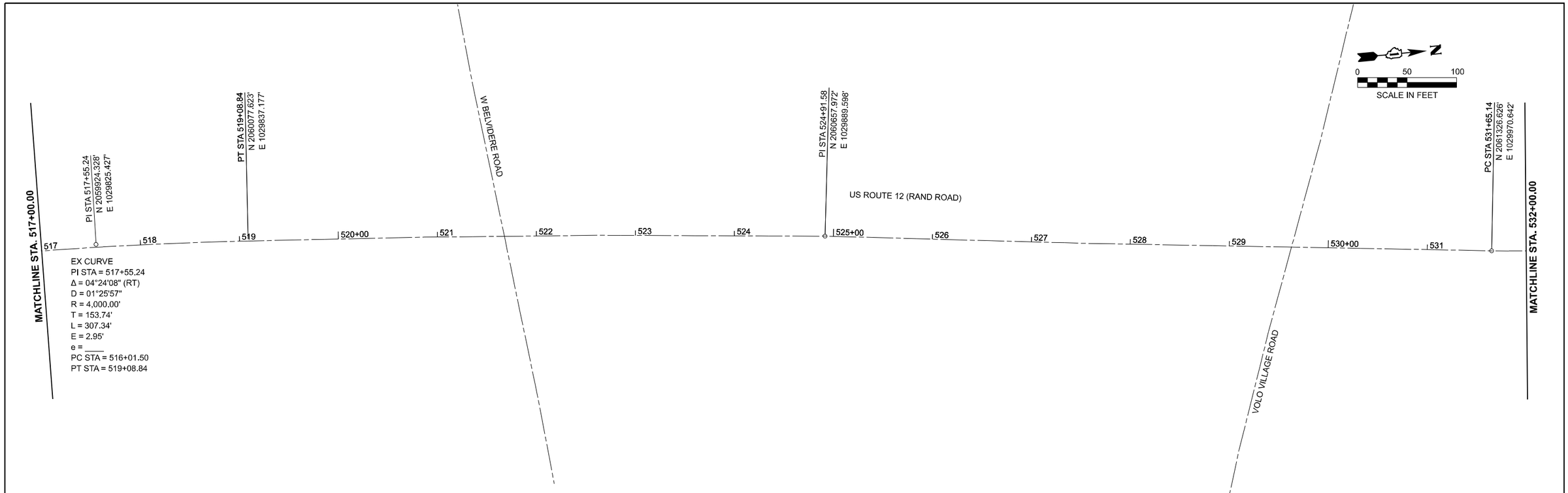
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	37
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

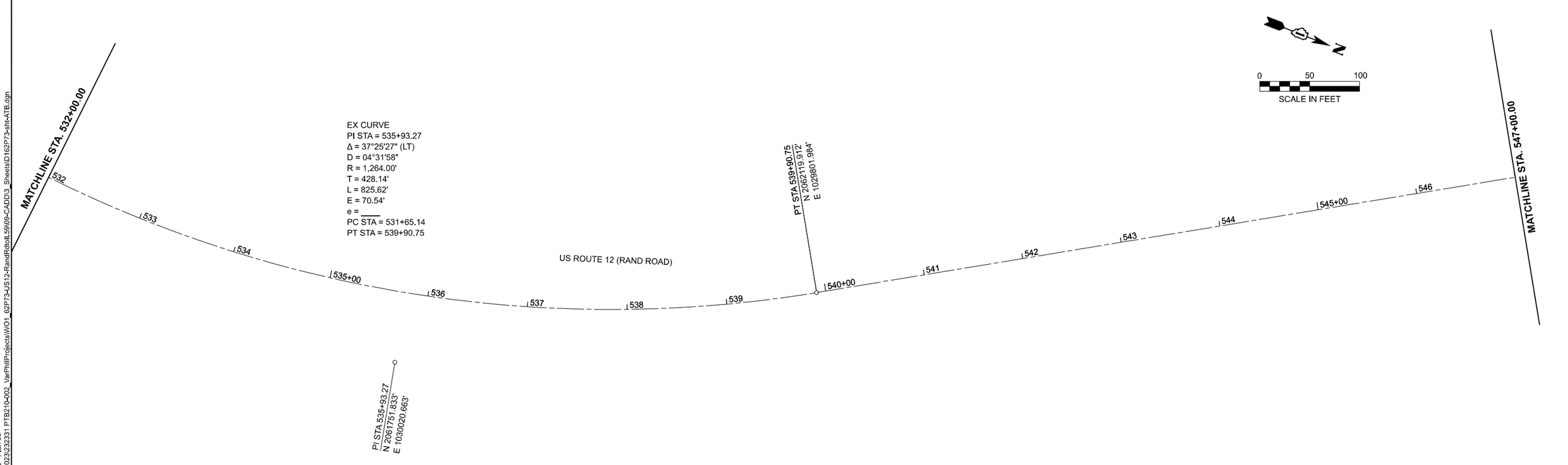




MODEL: US12_E - Plan 36
FILE NAME: C:\Bentley\CONNECT10111\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD ALIGNMENT, TIES, AND BENCHMARKS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			334	2024-1053-RS&N,SR,RS	LAKE	230 / 38
		CHECKED -	REVISED -					CONTRACT NO. 62P73	
	PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: 1"=50' / SHEET 12 OF 20 SHEETS / STA. 487+00.00 TO STA. 517+00.00		ILLINOIS	FED. AID PROJECT	





MODEL: US12_E - Plan 38
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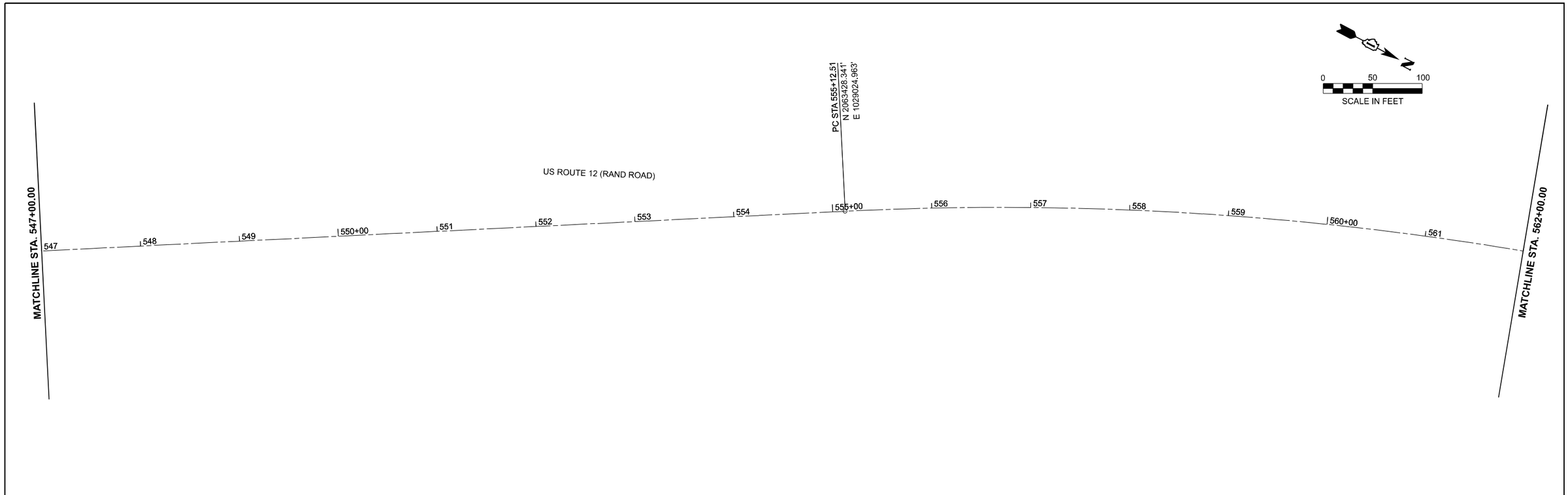
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/21/2025	DATE -	REVISED -	

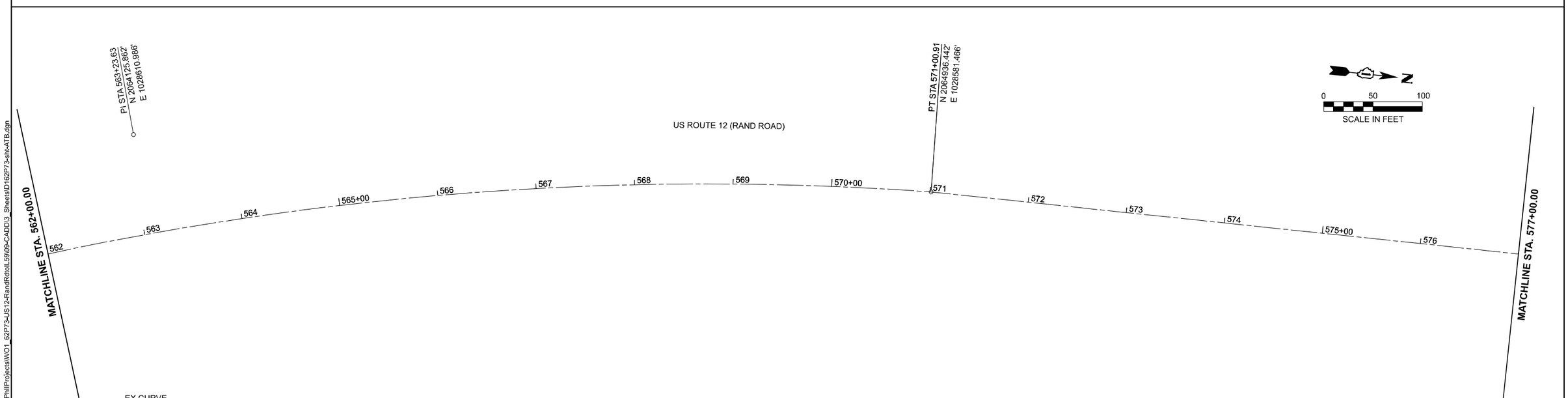
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 13 OF SHEETS | STA. 517+00.00 TO STA. 547+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	39
		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		





EX CURVE
PI STA = 563+23.63
Δ = 28°36'12" (RT)
D = 01°48'03"
R = 3,181.75'
T = 811.12'
L = 1588.40'
E = 101.76'
e = _

MODEL: US12_E - Plan 40
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

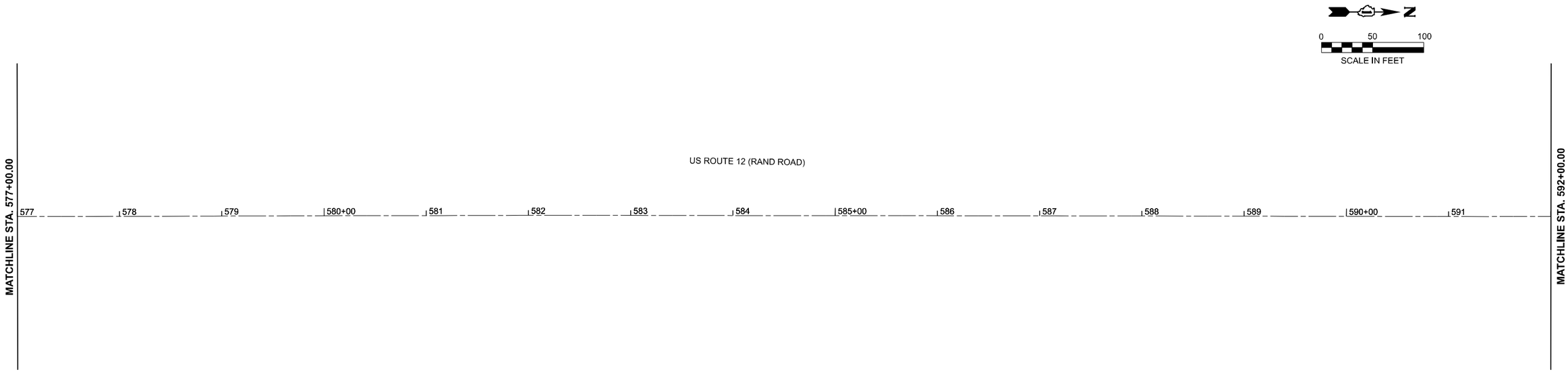
USER NAME = LoanVo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

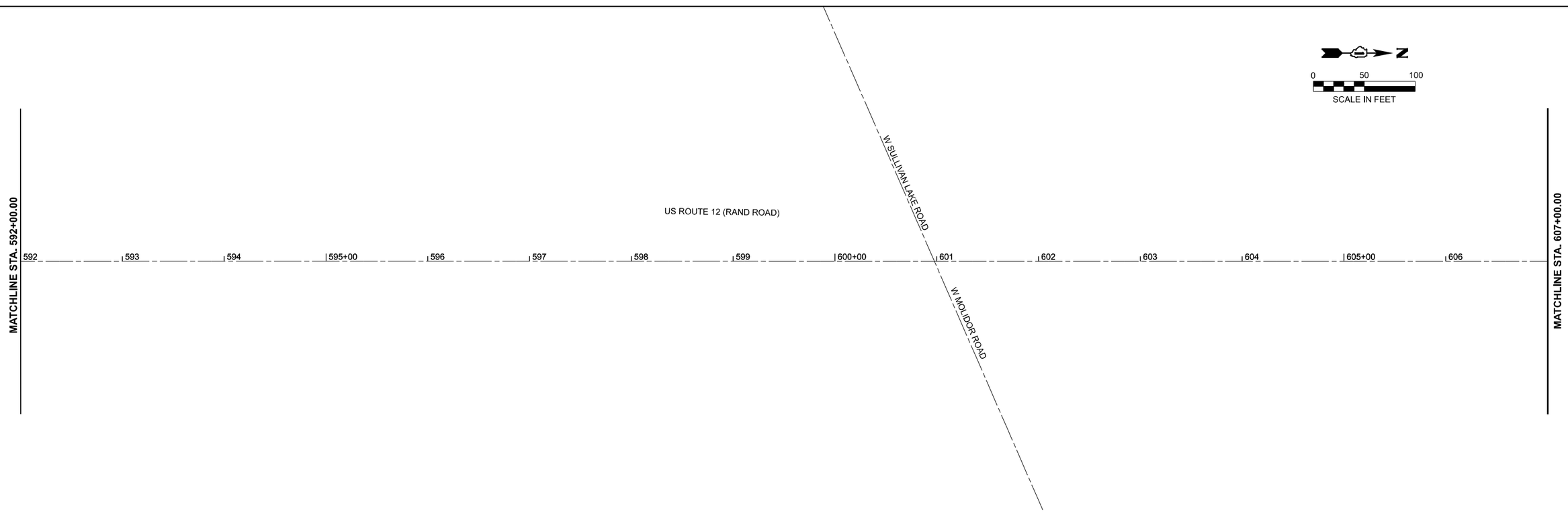
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 14 OF 20 SHEETS | STA. 547+00.00 TO STA. 577+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3204	2024-1053-RS&N,SR,RS	LAKE	230	40
		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		





MODEL: US12_E - Plan 42
FILE NAME: Z:\2023\23231 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

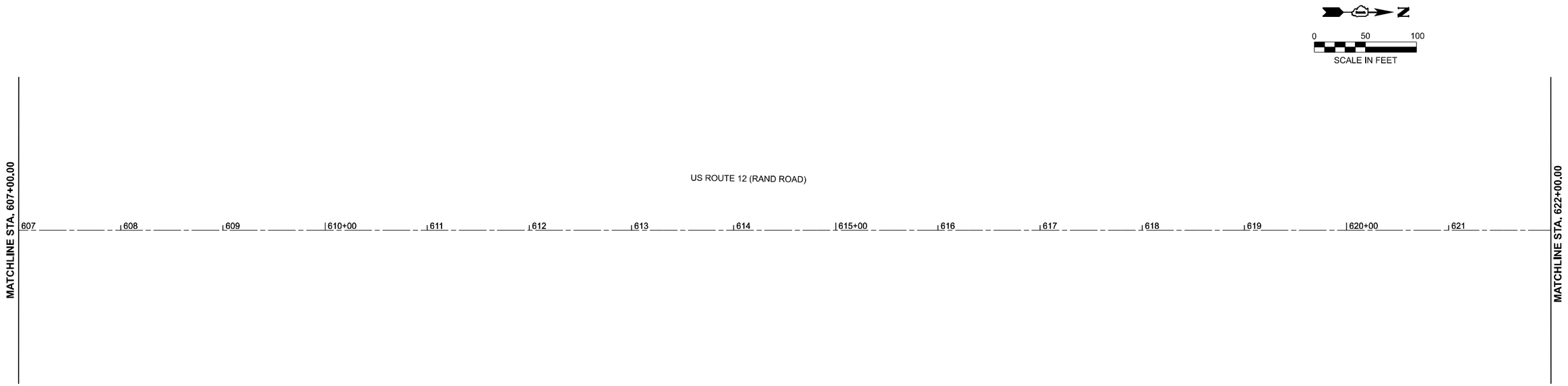
USER NAME = LoanVo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

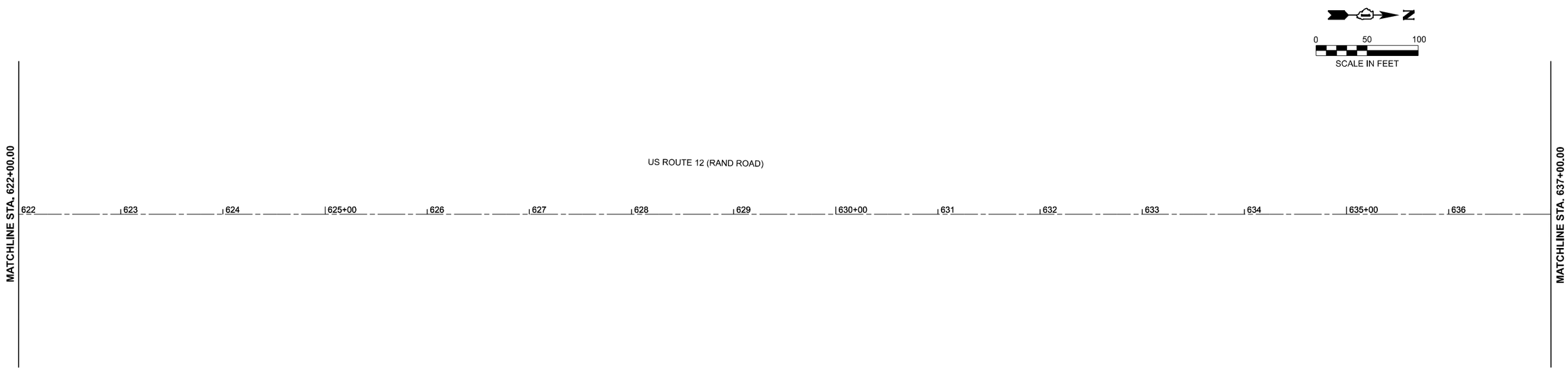
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 15 OF 20 SHEETS | STA. 577+00.00 TO STA. 607+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	41
		CONTRACT NO. 62P73		
		ILLINOIS FED. AID PROJECT		





MODEL: US12_E - Plan 44
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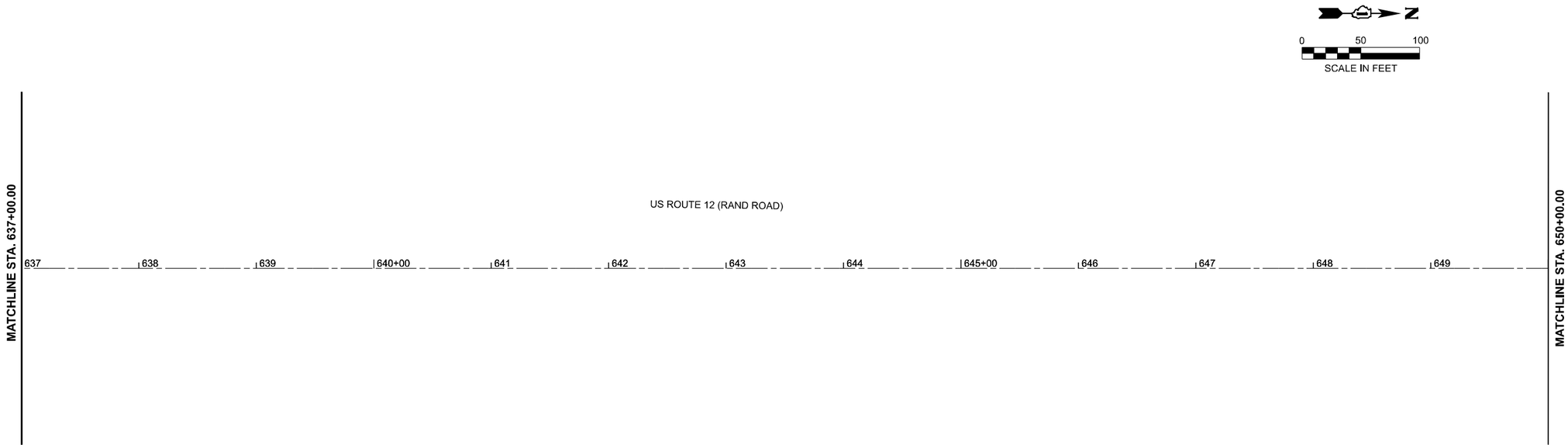
USER NAME = LoanVo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 16 OF 20 SHEETS | STA. 607+00.00 TO STA. 637+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	42
		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		



MODEL: US12_E - Plan 46
FILE NAME: Z:\2023\232331_PTB210-002_VarPhillProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

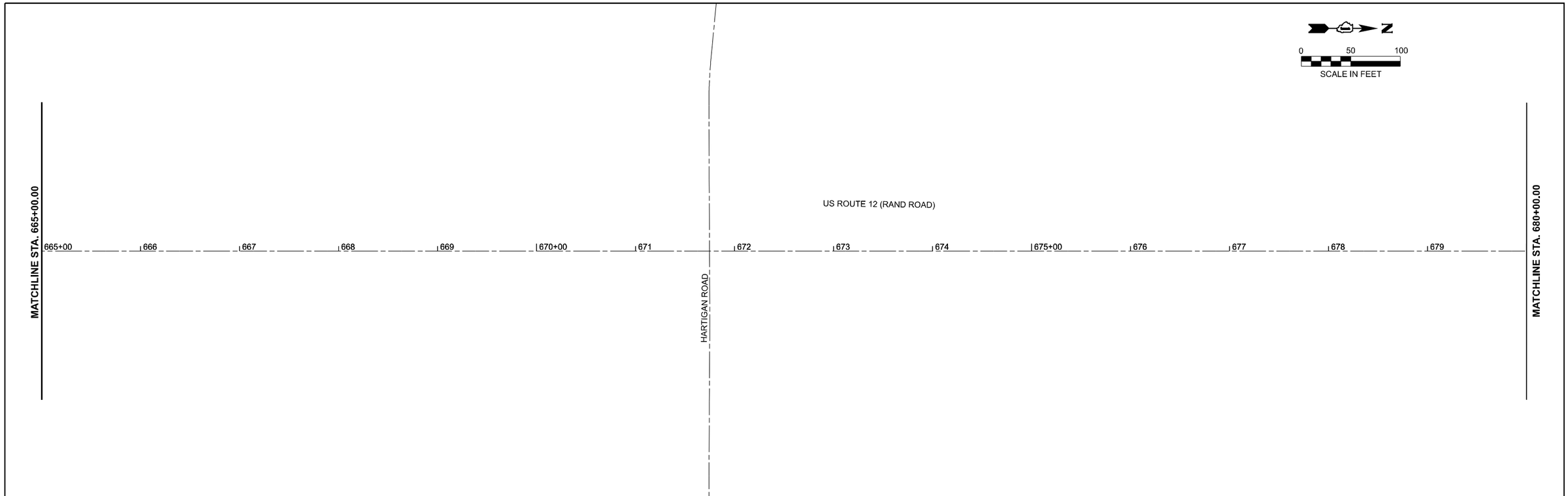
USER NAME = LoanVo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

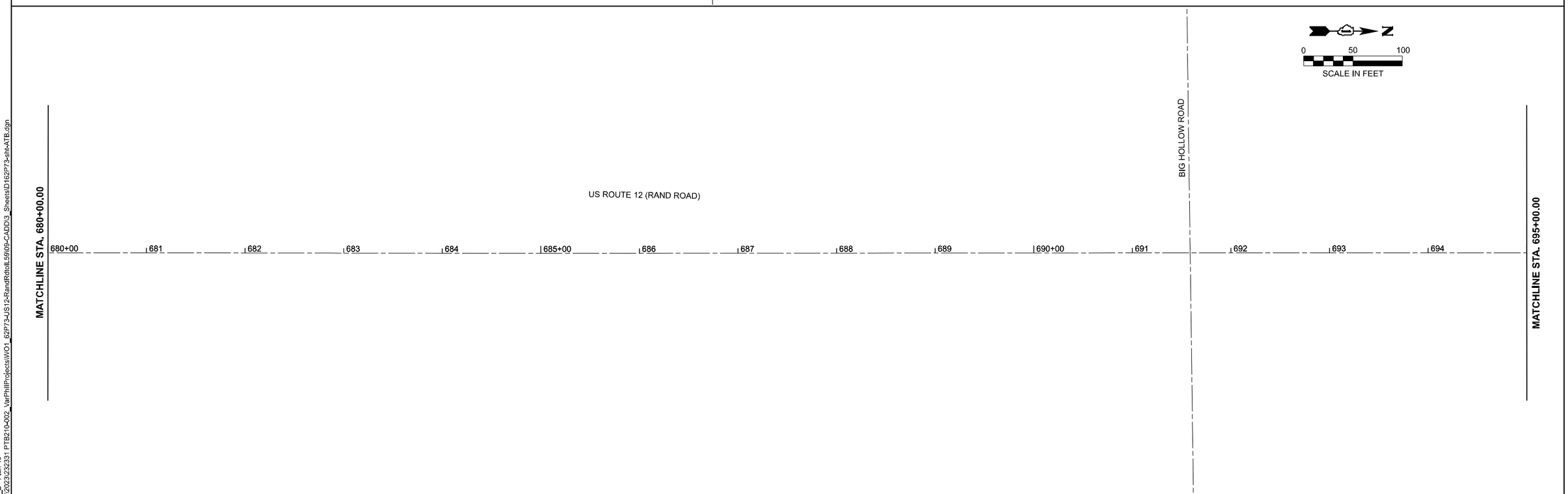
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 17 OF 20 SHEETS | STA. 637+00.00 TO STA. 665+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	43
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	





MODEL: US12_E - Plan 48
FILE NAME: Z:\2023\232331 PTB210-002_VarPhIIProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

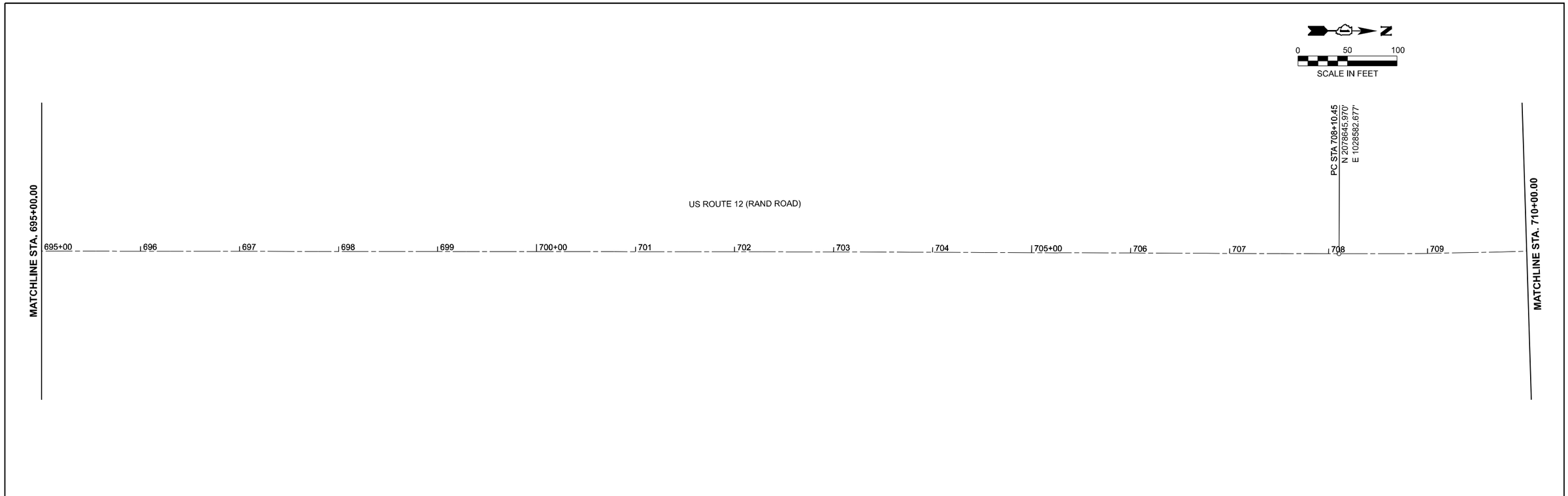
USER NAME = LoanVo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

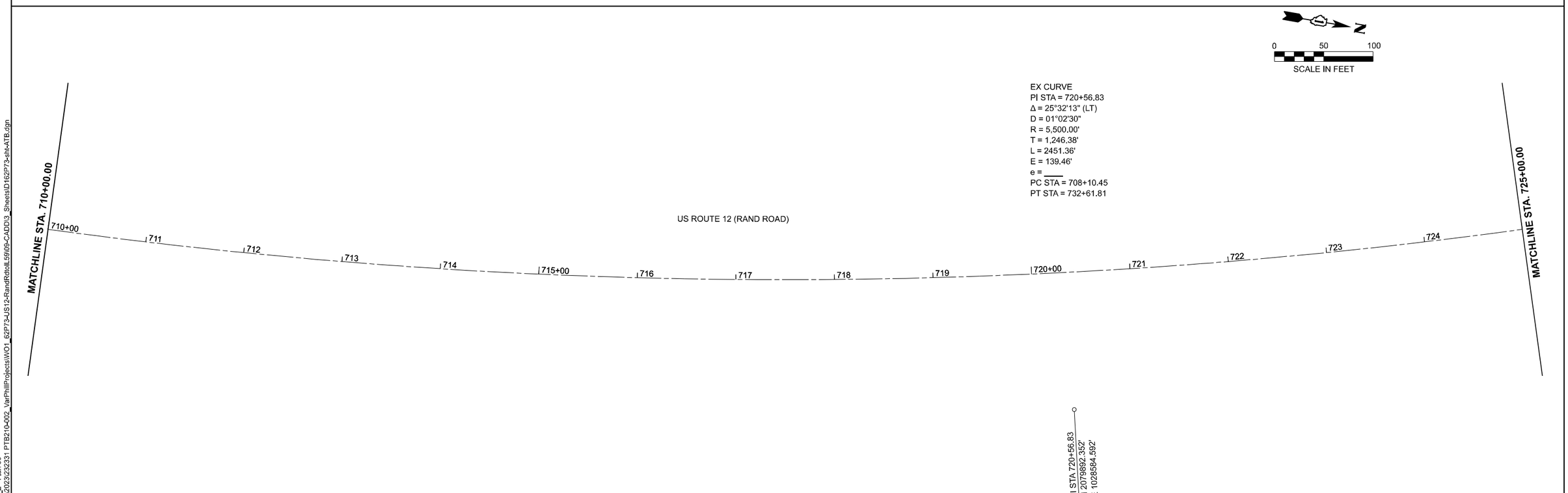
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 18 OF 20 SHEETS | STA. 665+00.00 TO STA. 695+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	44
		CONTRACT NO. 62P73		
		ILLINOIS FED. AID PROJECT		





MODEL: US12_E - Plan 50
FILE NAME: Z:\2023\232331 PTB210-002_VarPhillProjects\WO1_62P73-US12-RandRdIoIL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

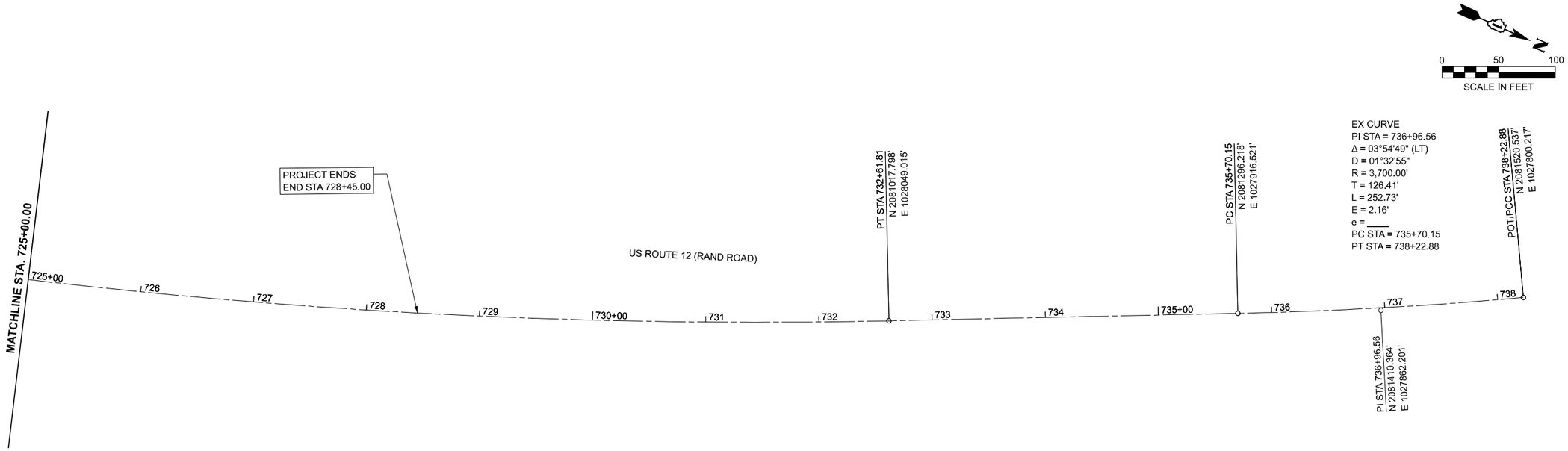
USER NAME = LoanVo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 19 OF 20 SHEETS | STA. 695+00.00 TO STA. 725+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	45
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



MODEL: US12_E - Plan 52
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-ATB.dgn

USER NAME = LoanVo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=50' | SHEET 20 OF 20 SHEETS | STA. 725+00.00 TO STA. 740+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	46

CONTRACT NO. 62P73

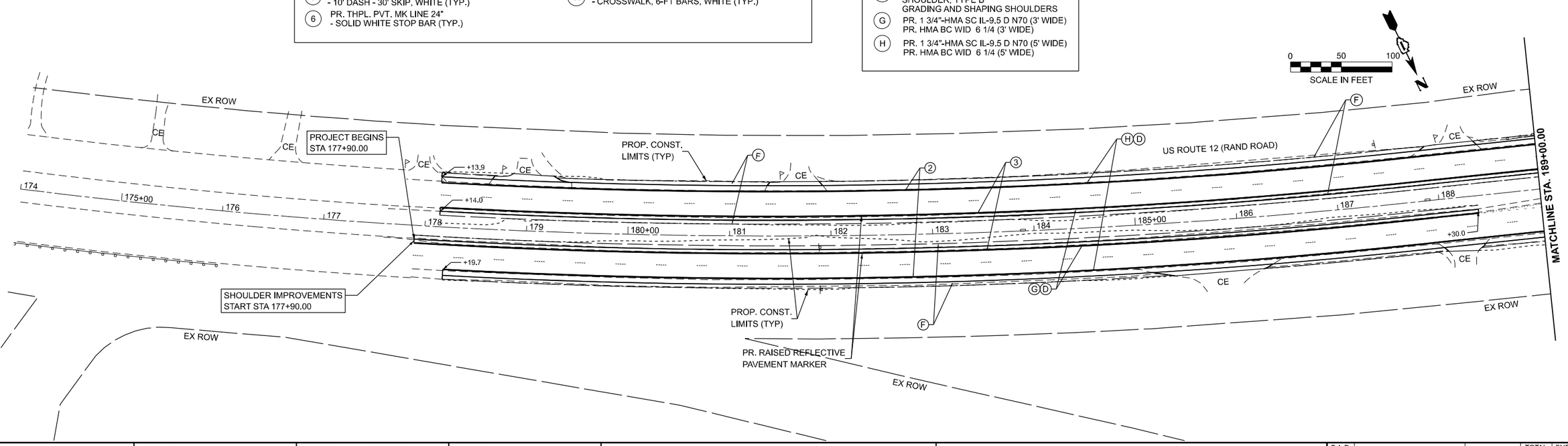
ILLINOIS | FED. AID PROJECT

PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS
- (G) PR. 1 3/4"-HMA SC IL-9.5 D N70 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (H) PR. 1 3/4"-HMA SC IL-9.5 D N70 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)



MODEL: US12_E - Plan 11
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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

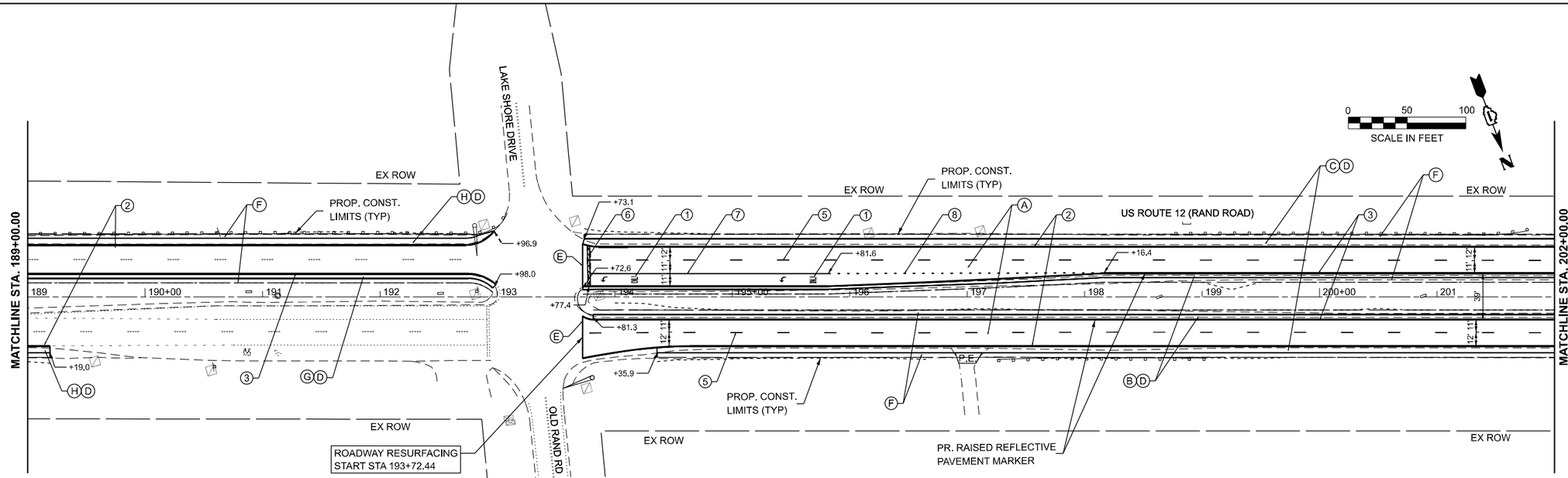
USER NAME = LoanVo	DESIGNED - $DESIGNED	REVISED -	
	DRAWN - $DRAWN	REVISED -	
	CHECKED - $CHECKED	REVISED -	
PLOT DATE = 4/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 1 OF 20 SHEETS | STA. 177+90.00 TO STA. 189+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	47
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

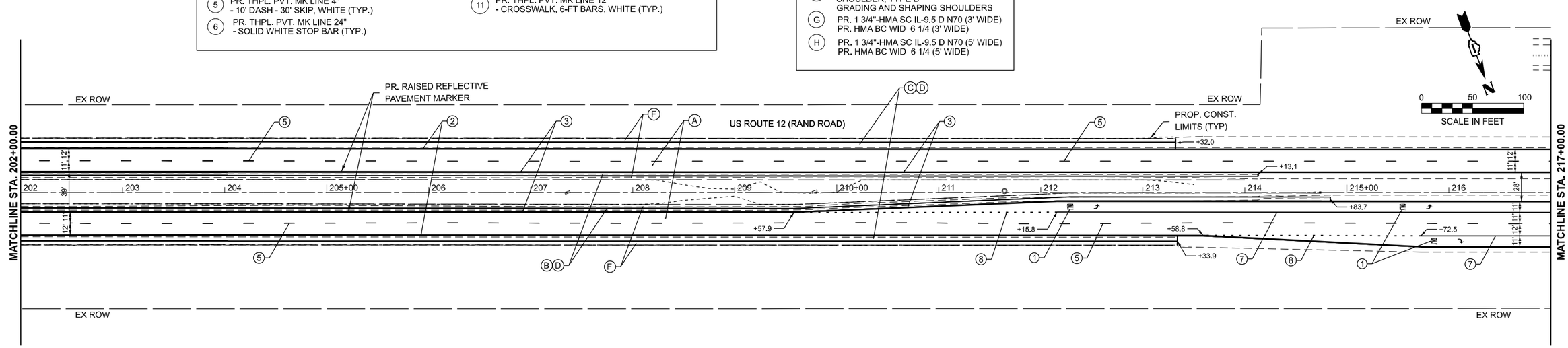


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

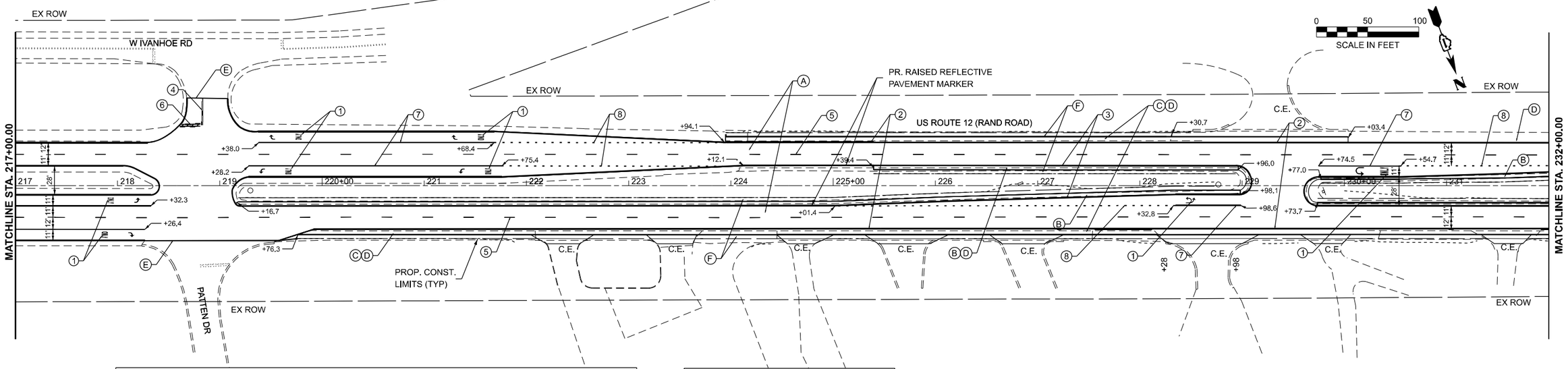
PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B GRADING AND SHAPING SHOULDERS
- (G) PR. 1 3/4"-HMA SC IL-9.5 D N70 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (H) PR. 1 3/4"-HMA SC IL-9.5 D N70 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)



MODEL: US12_E - Plan 16
FILE NAME: C:\Bentley\CONNECT101\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = LoanVo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD ROADWAY PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			334	2024-1053-RS&N,SR,RS	LAKE	230 / 48
		CHECKED -	REVISED -			CONTRACT NO. 62P73			
	PLOT DATE = 4/16/2025	DATE -	REVISED -		SCALE: 1"=50' SHEET 2 OF 20 SHEETS STA. 189+00.00 TO STA. 217+00.00	ILLINOIS	FED. AID PROJECT		

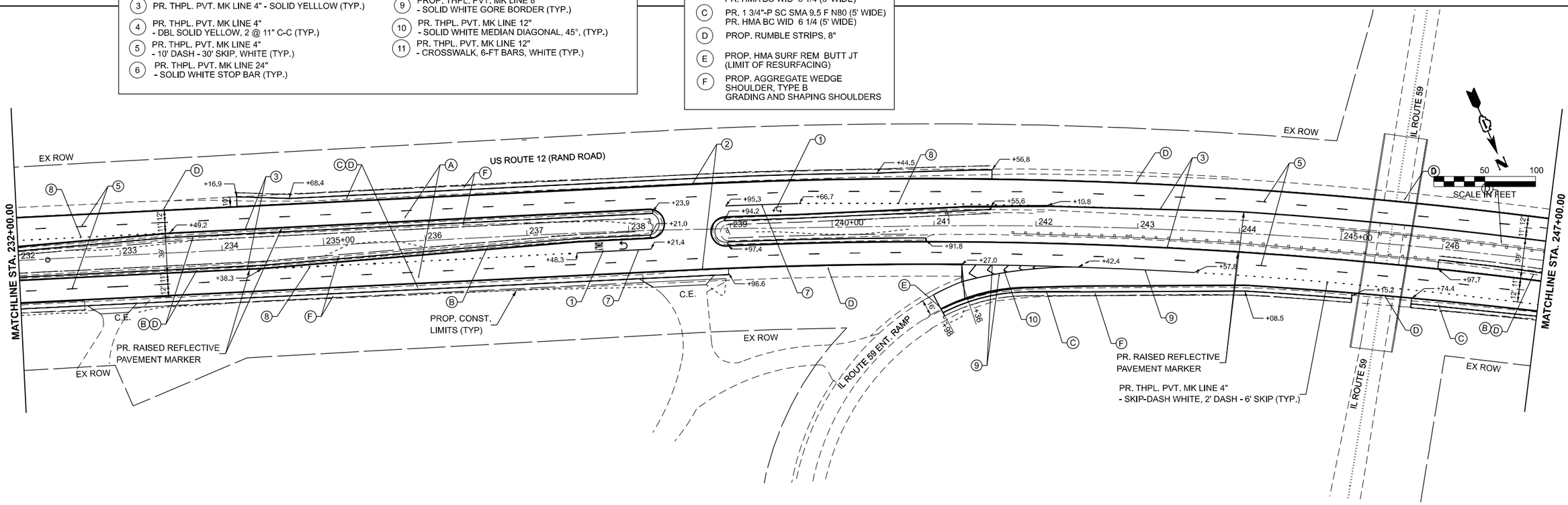


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 18
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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

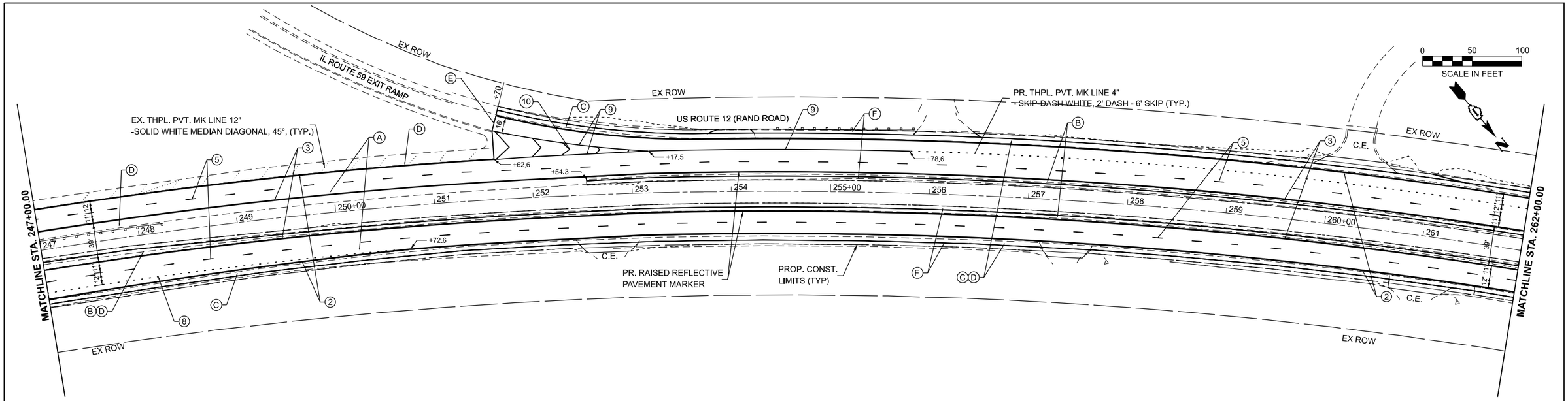
USER NAME = LoanVo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 3 OF 20 SHEETS | STA. 217+00.00 TO STA. 247+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	49
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

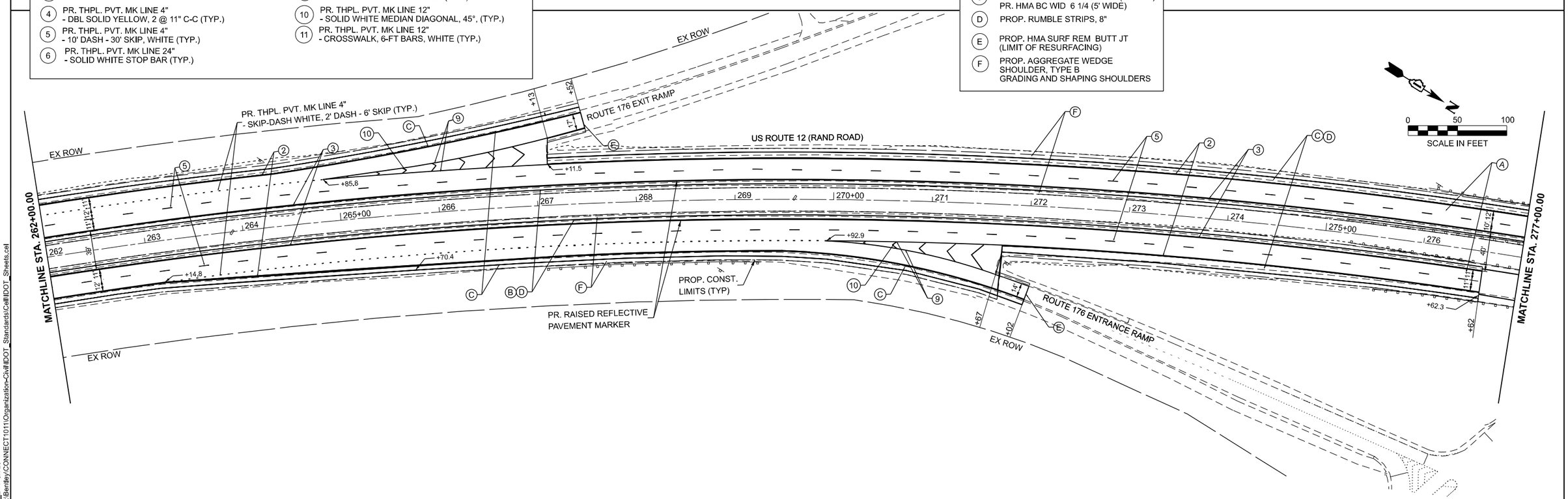


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 20
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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

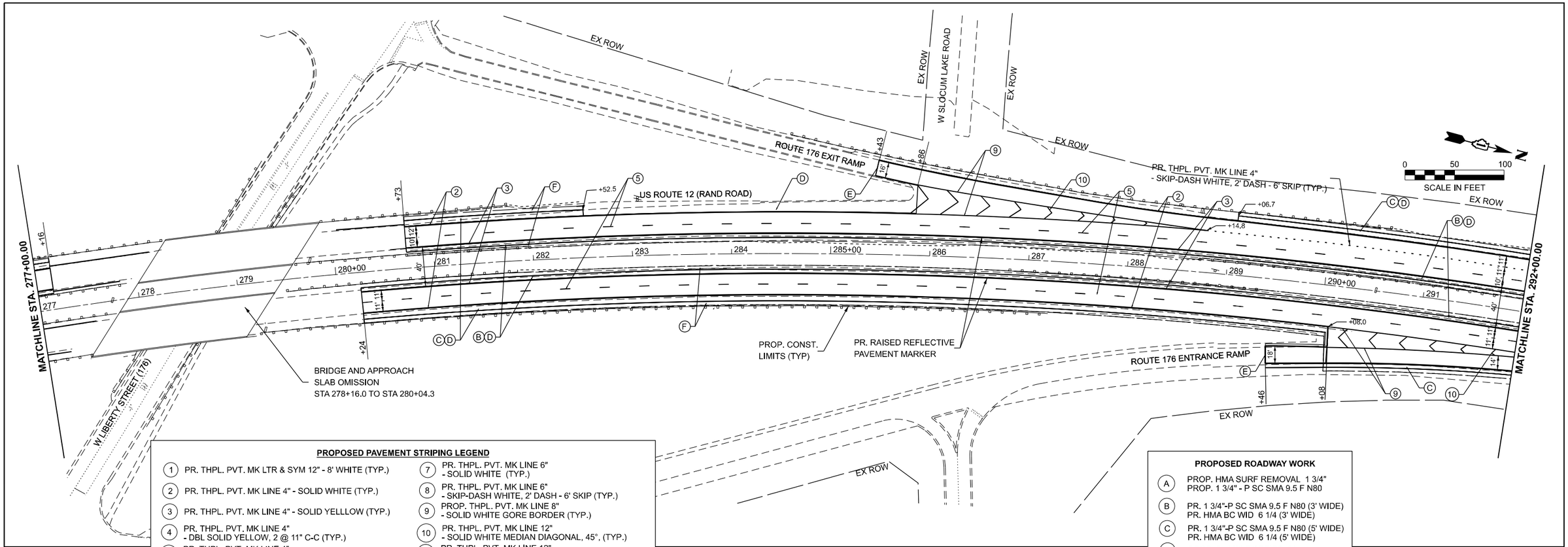
USER NAME = LoanVo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 4/16/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: | SHEET 4 OF 20 SHEETS | STA. 247+00.00 TO STA. 277+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	50
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

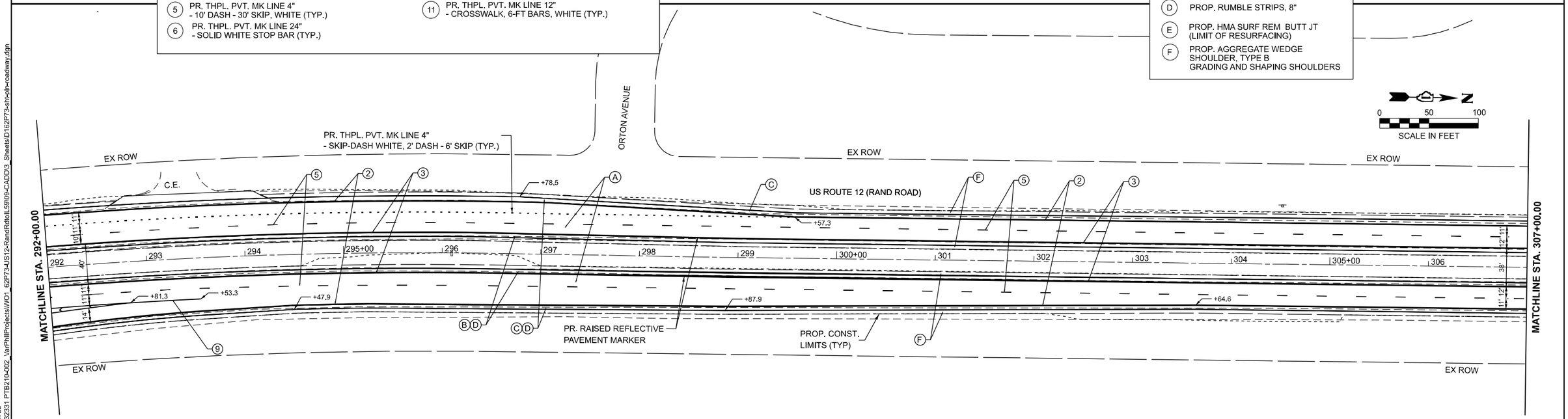


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 22
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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = LoanVo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

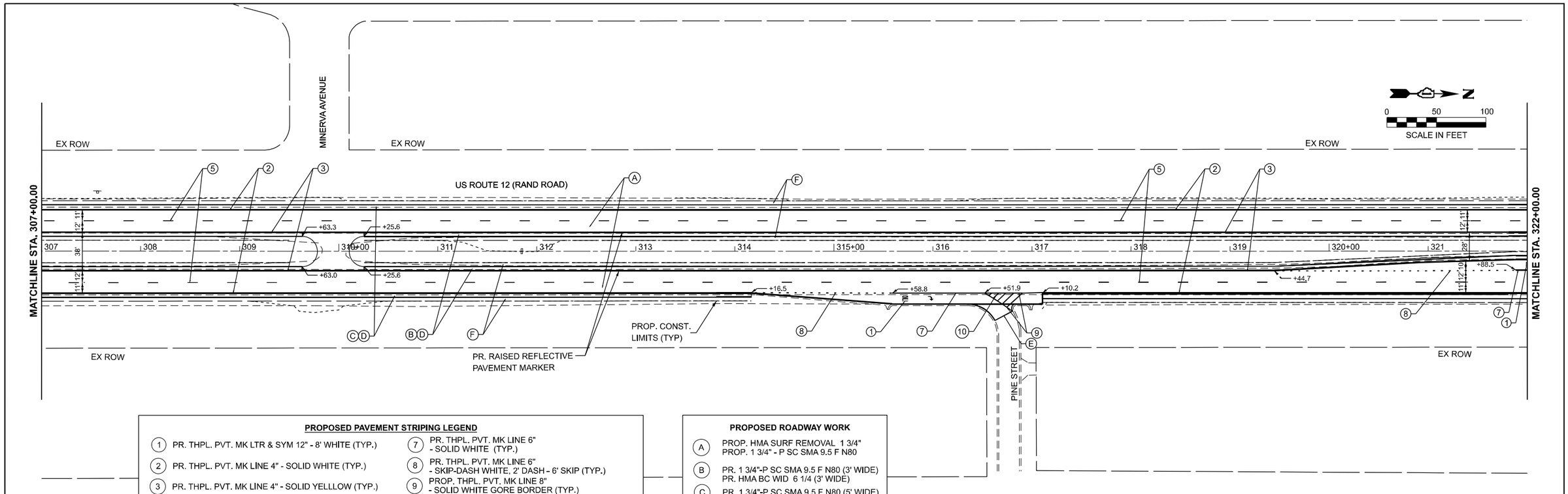
US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 5 OF 20 SHEETS | STA. 277+00.00 TO STA. 307+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	51

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

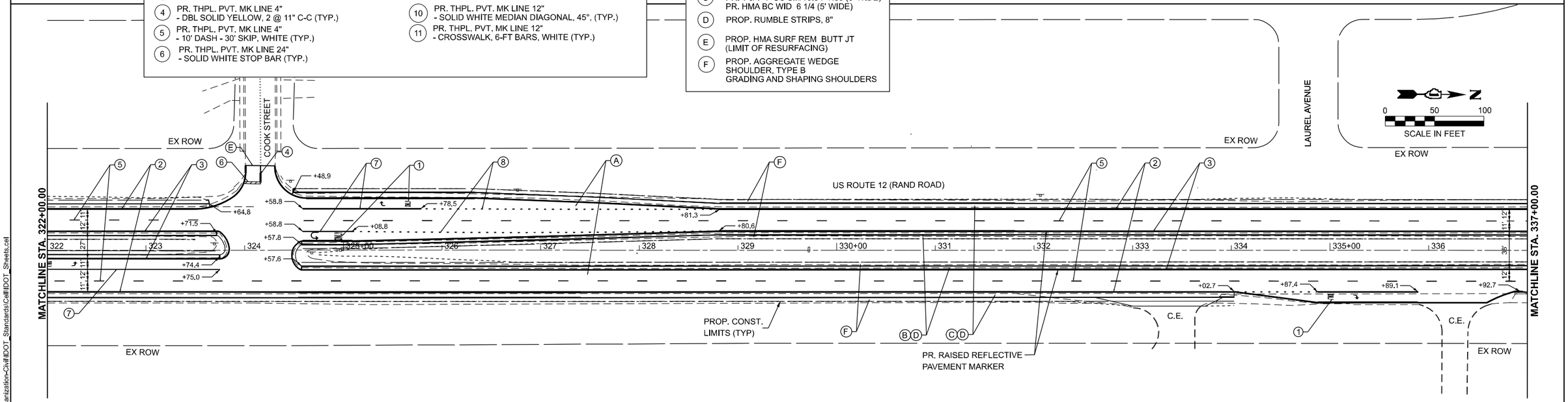


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 24
FILE NAME: C:\Bentley\CONNECT\011\Organization\Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

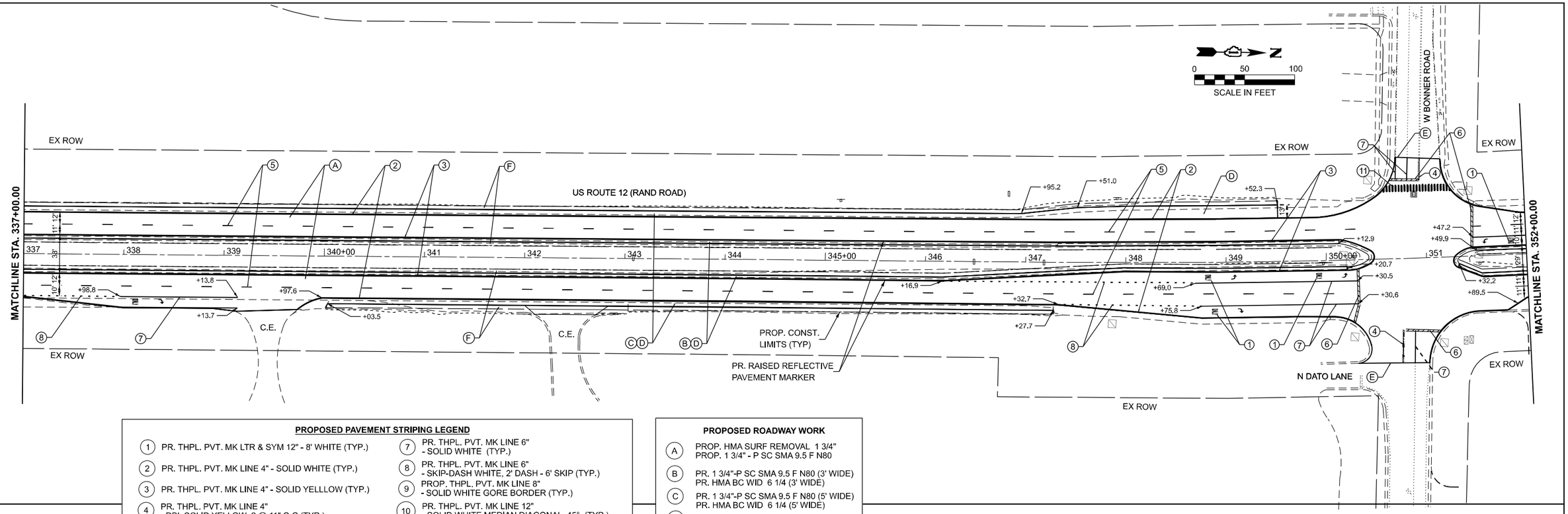
USER NAME = LoanVo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 6 OF 20 SHEETS | STA. 307+00.00 TO STA. 337+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	52
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

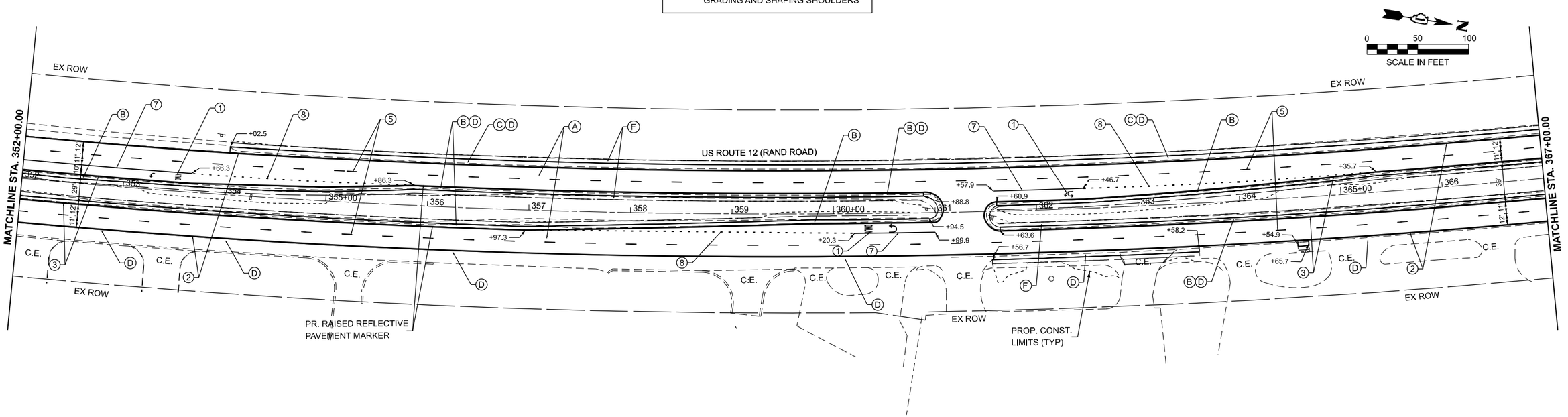


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT
  (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE
  SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 26
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

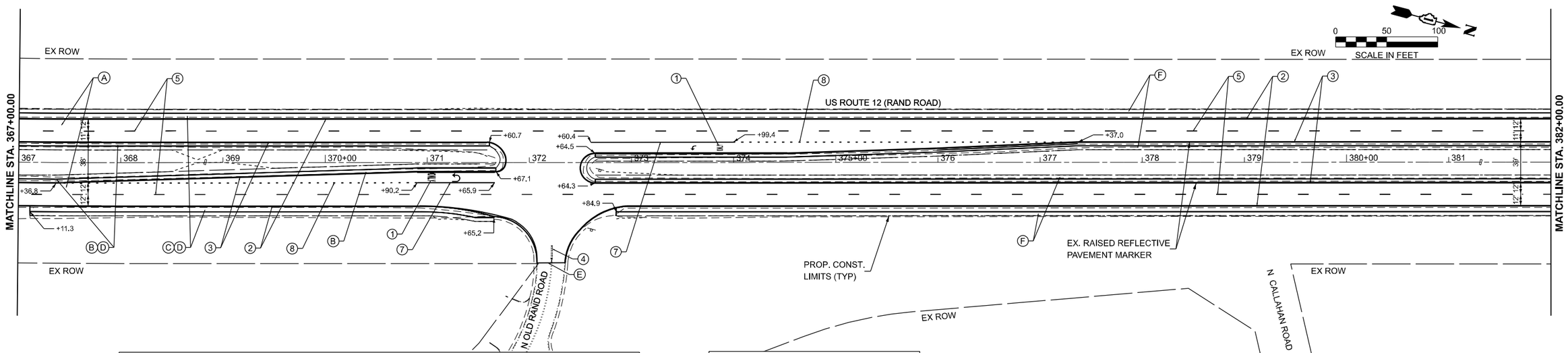
USER NAME = LoanVo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 7 OF 20 SHEETS | STA. 337+00.00 TO STA. 367+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	53
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

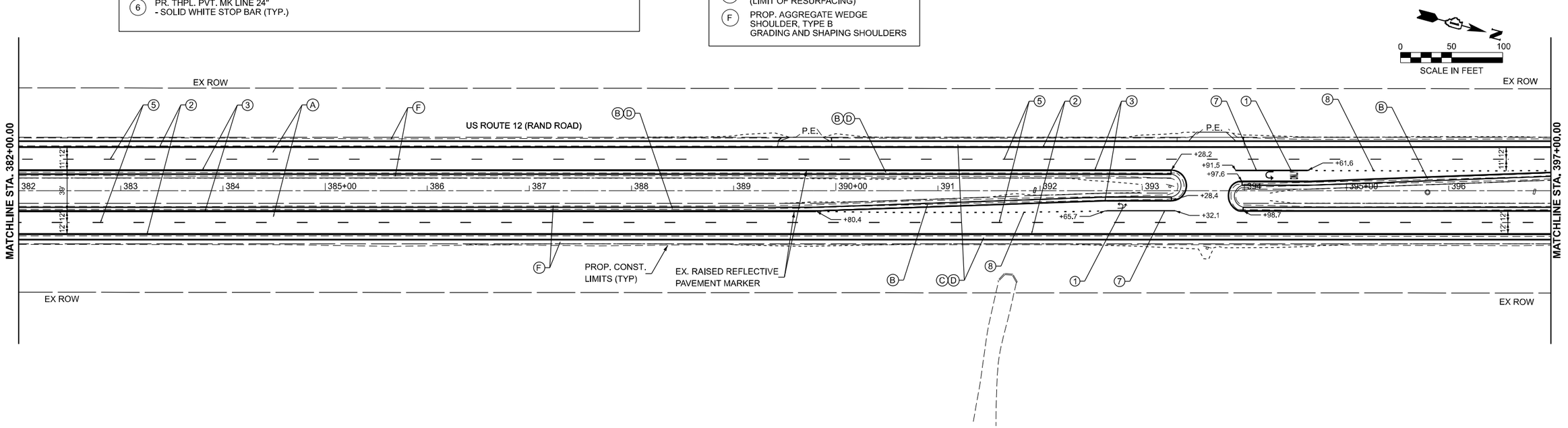


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 28
FILE NAME: C:\Bentley\CONNECT101\Organization~Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

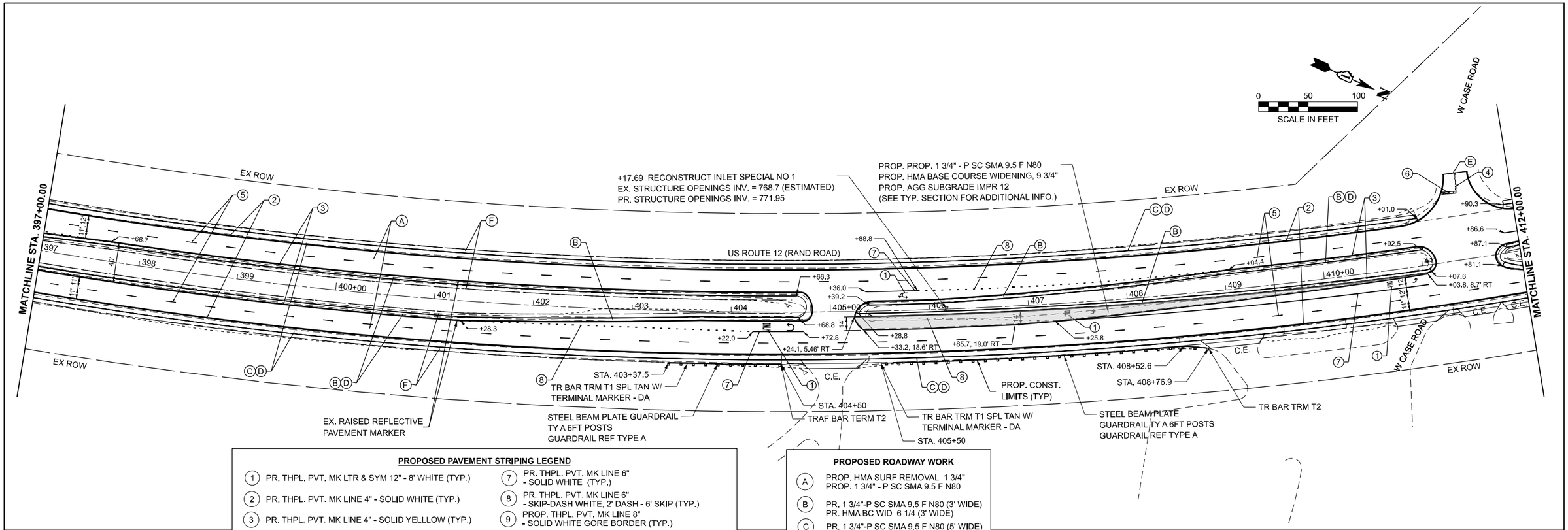
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 8 OF 20 SHEETS | STA. 367+00.00 TO STA. 397+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	54
		CONTRACT NO. 62P73		
		ILLINOIS FED. AID PROJECT		

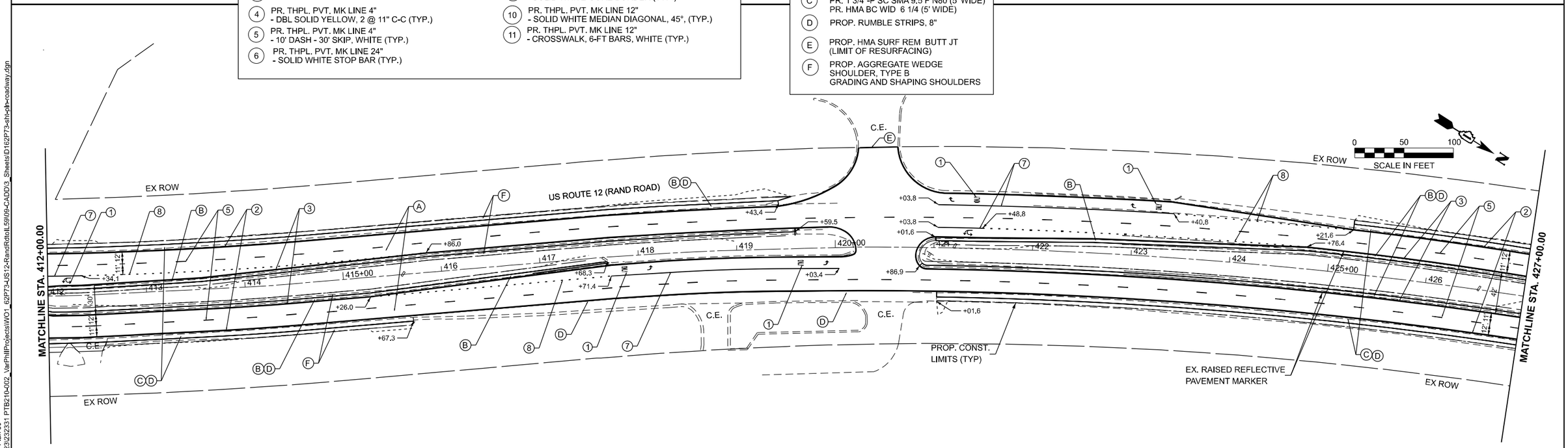


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT
  (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE
  SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 30
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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

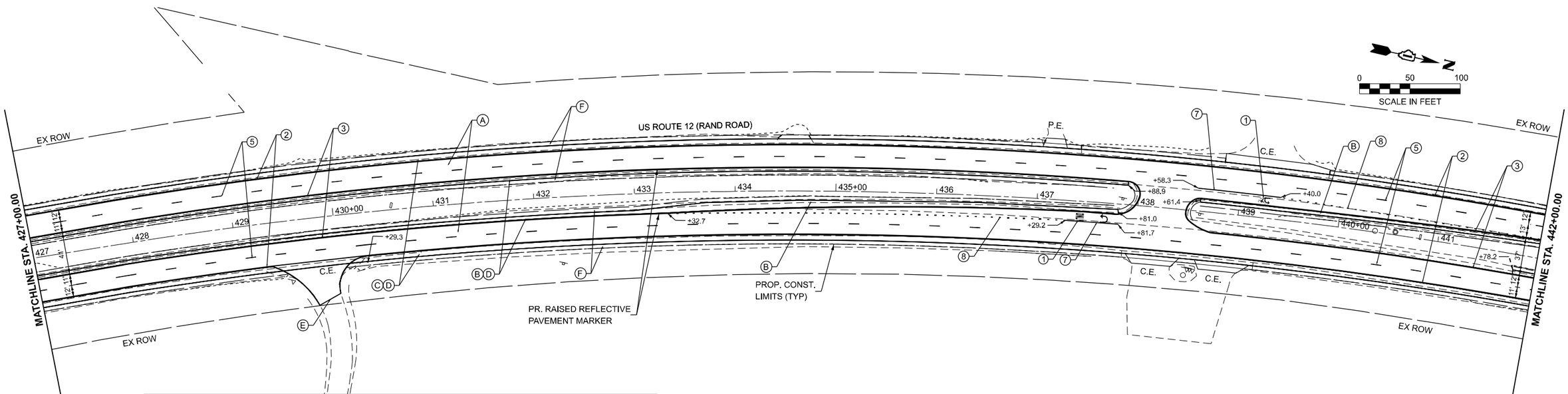
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 9 OF 20 SHEETS | STA. 397+00.00 TO STA. 427+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	55
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

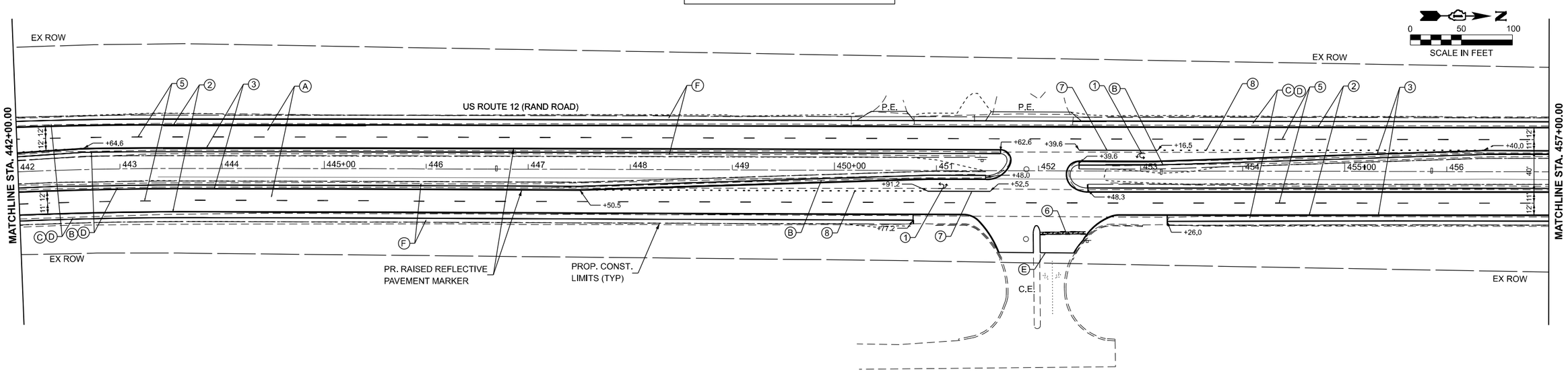


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

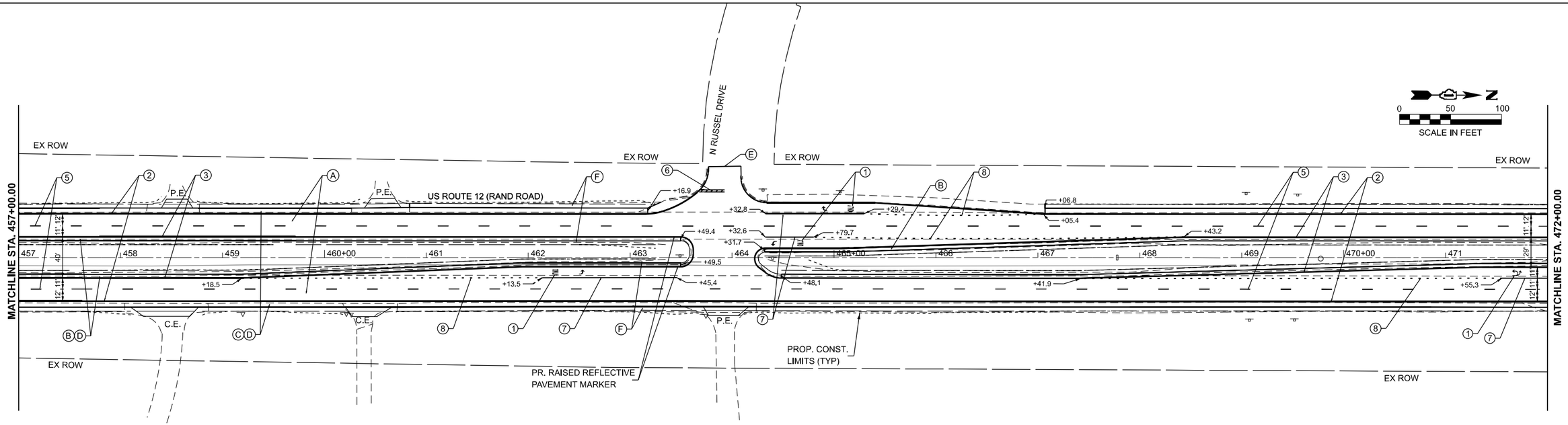
PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 32
FILE NAME: C:\Bentley\CONNECT10\11\Organization-Civil\IDOT_Standards\Civil\IDOT_Sheets.cel

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = LoanVo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD ROADWAY PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			334	2024-1053-RS&N,SR,RS	LAKE	230 / 56
		CHECKED -	REVISED -			CONTRACT NO. 62P73			
	PLOT DATE = 4/16/2025	DATE -	REVISED -		SCALE: 1"=50' SHEET 10 OF 20 SHEETS STA. 427+00.00 TO STA. 457+00.00	ILLINOIS	FED. AID PROJECT		



PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
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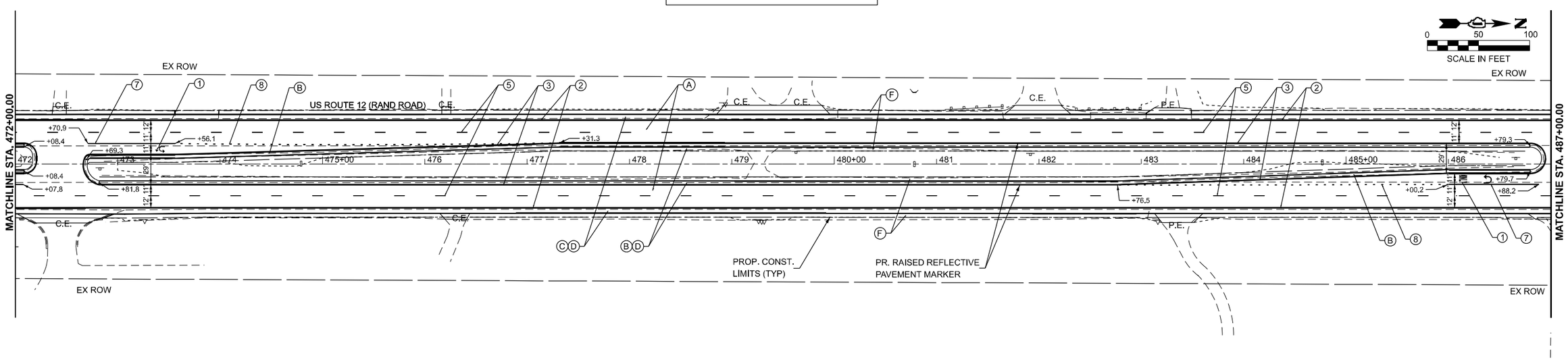
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 34
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

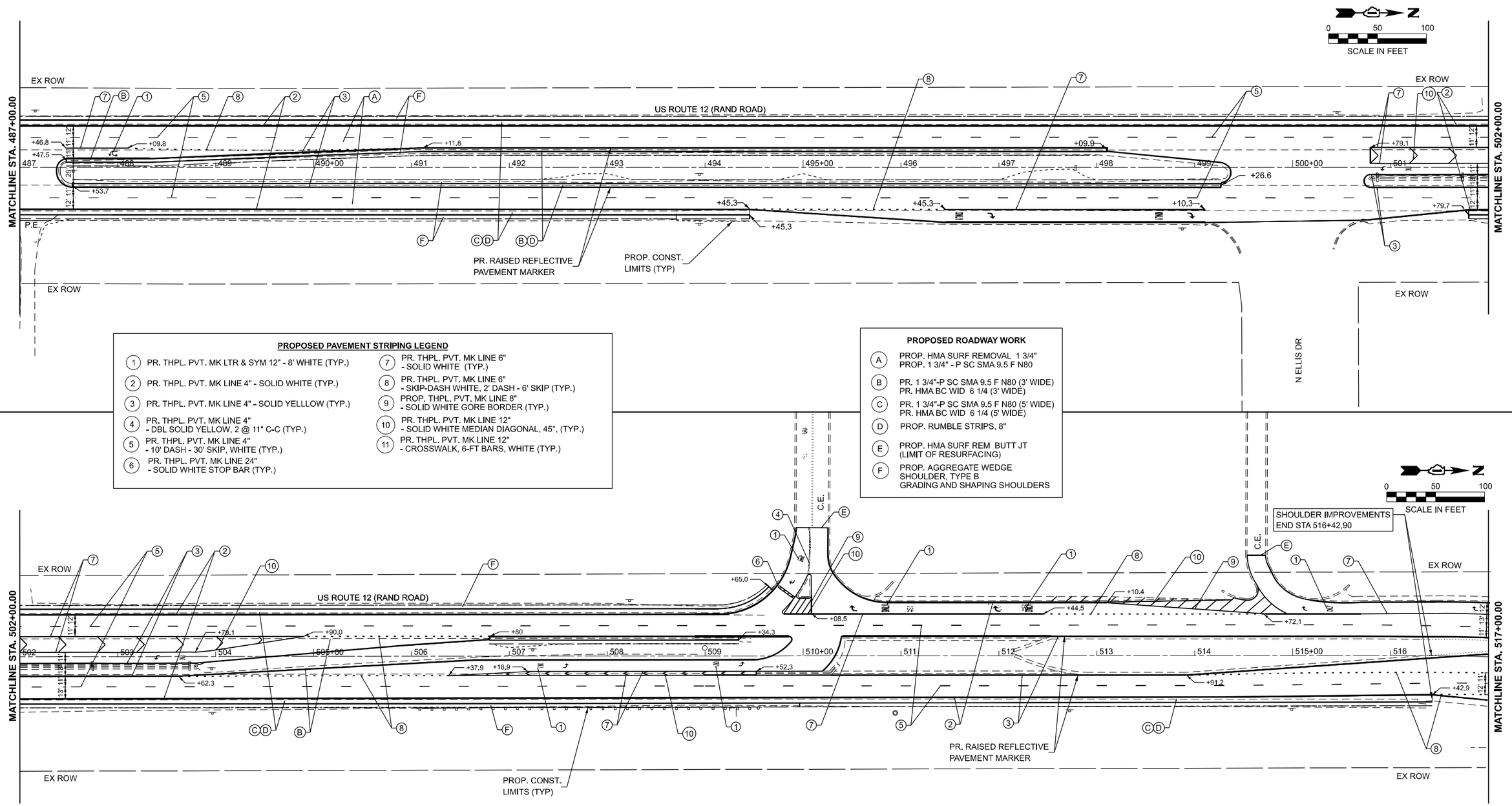
USER NAME = LoanVo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 11 OF 20 SHEETS | STA. 457+00.00 TO STA. 487+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	57
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- A. PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- B. PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- C. PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- D. PROP. RUMBLE STRIPS, 8"
- E. PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- F. PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS

MODEL: US12_E - Plan 36
FILE NAME: C:\Bentley\CONNECT1011\Organization-Civil\IDOT_Standards\Civil\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = LoanVo	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/16/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

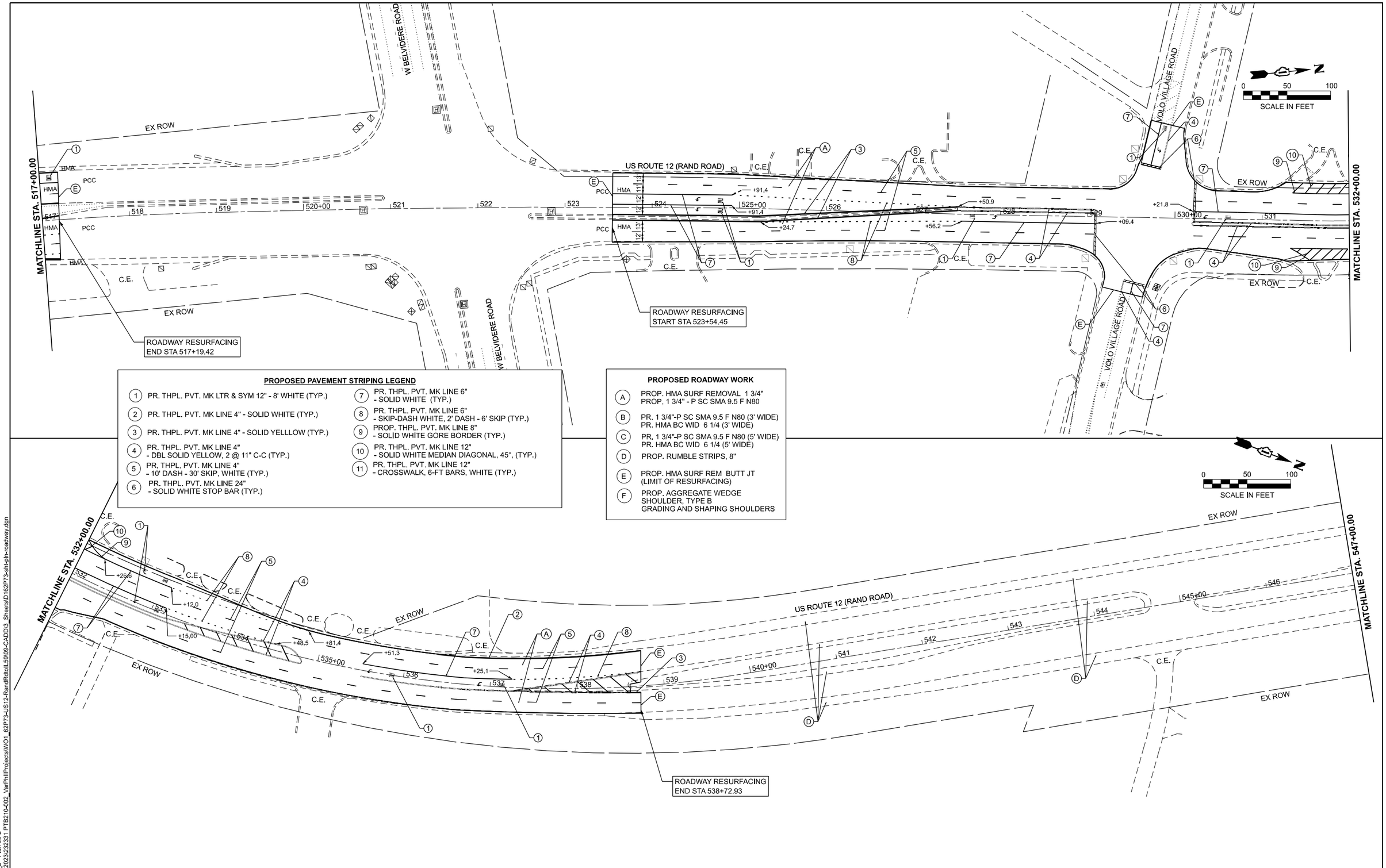
US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 12 OF 20 SHEETS | STA. 487+00.00 TO STA. 517+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	58

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT



PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- A PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- B PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- C PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- D PROP. RUMBLE STRIPS, 8"
- E PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- F PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS

MODEL: US12_E - Plan 38-2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-pln-roadway.dgn

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

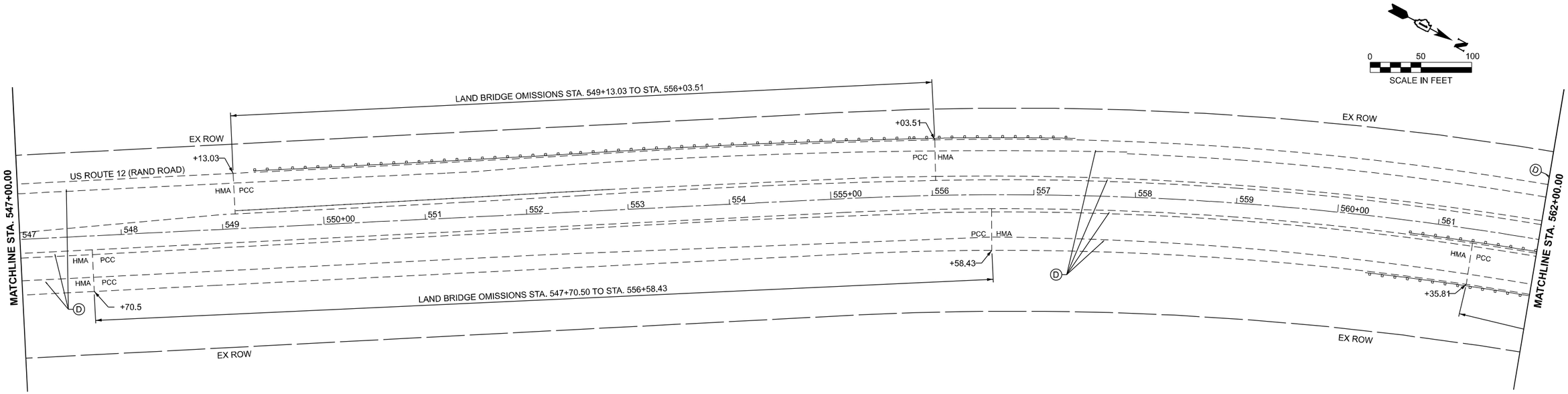
US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 13 OF 20 SHEETS | STA. 517+00.00 TO STA. 547+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	59

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

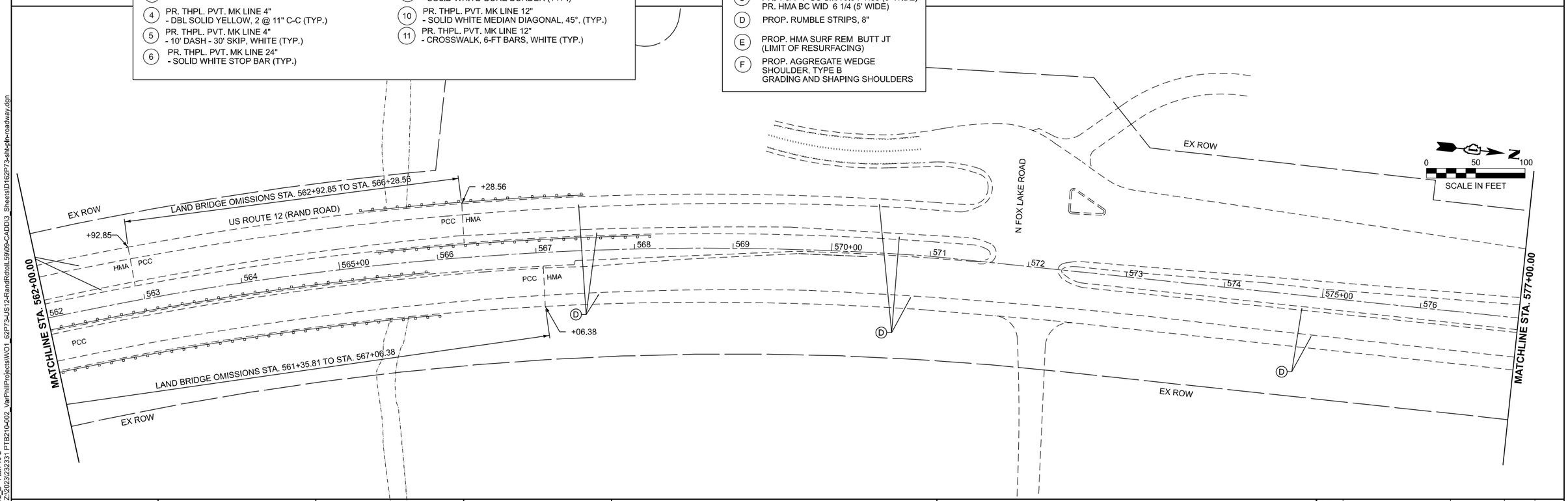


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 40-2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRtoIL59\09-CADD\3_Sheets\D162P73-sht-pln-roadway.dgn

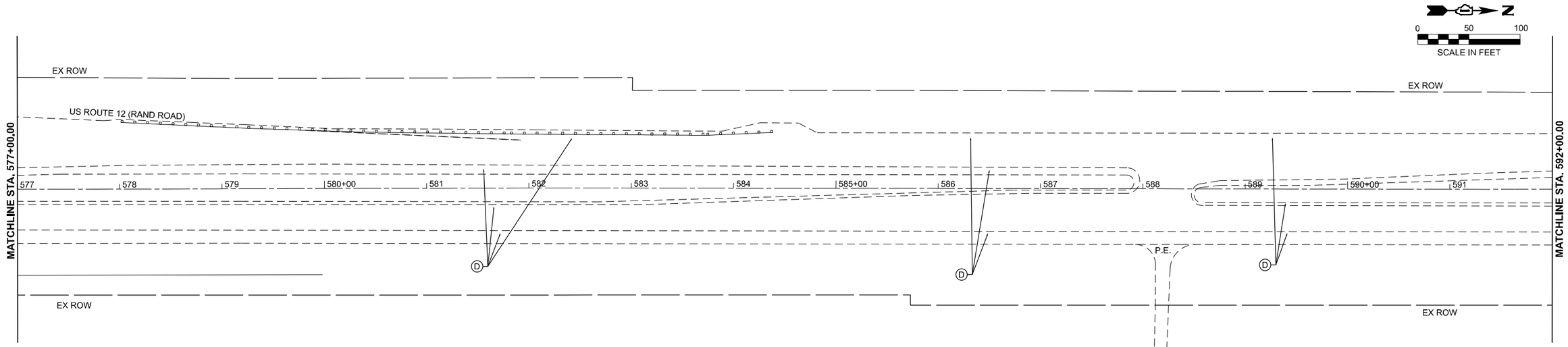
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 14 OF 20 SHEETS | STA. 547+00.00 TO STA. 577+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	60
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

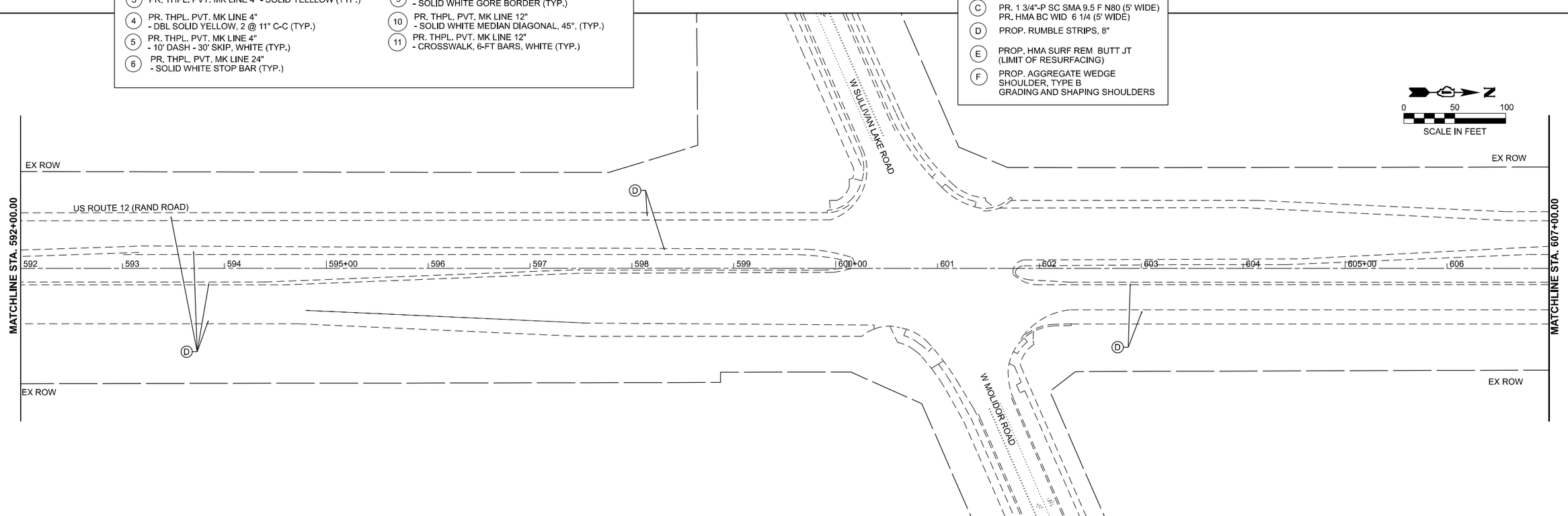


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 42-2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-pln-roadway.dgn

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

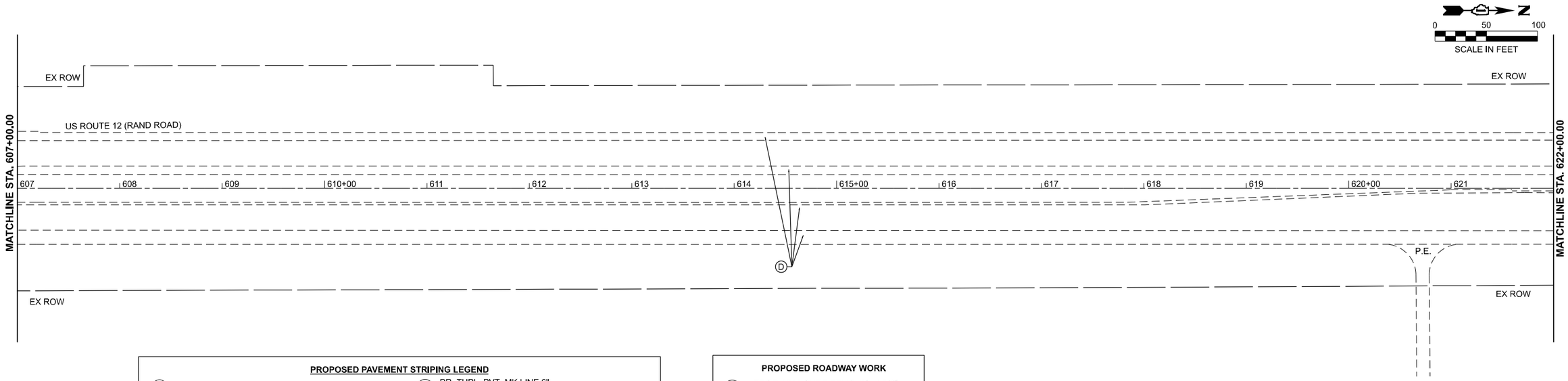
US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 15 OF 20 SHEETS | STA. 577+00.00 TO STA. 607+00.00

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	61

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

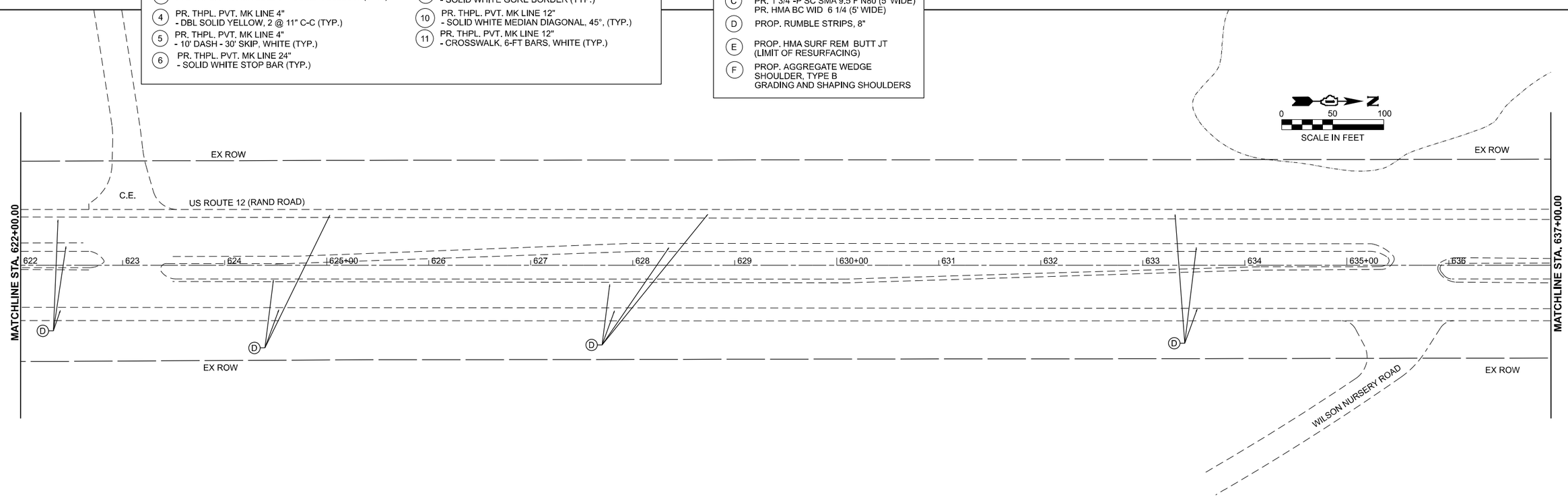


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 44-2
FILE NAME: Z:\2023\23231 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-plh-roadway.dgn

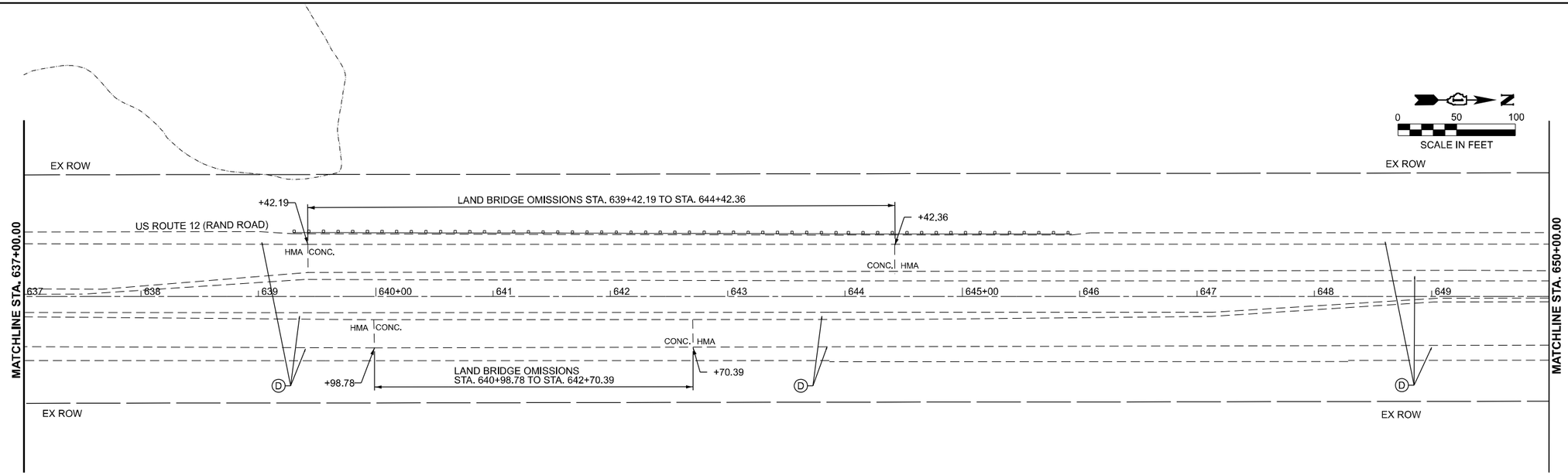
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 16 OF 20 SHEETS | STA. 607+00.00 TO STA. 637+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	62
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

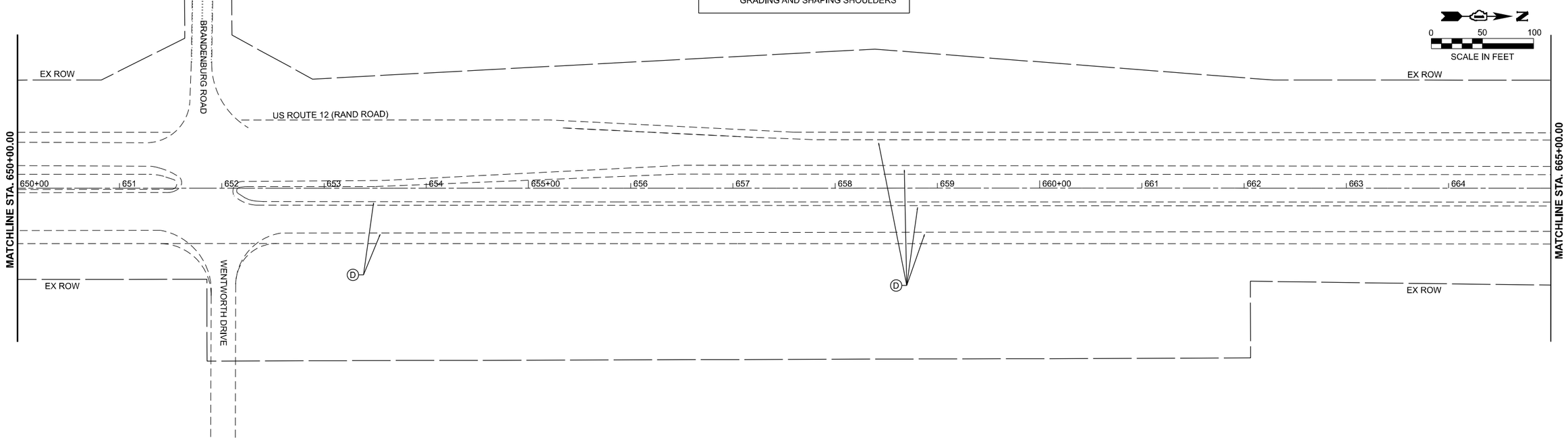


PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS



MODEL: US12_E - Plan 46-2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-pln-roadway.dgn

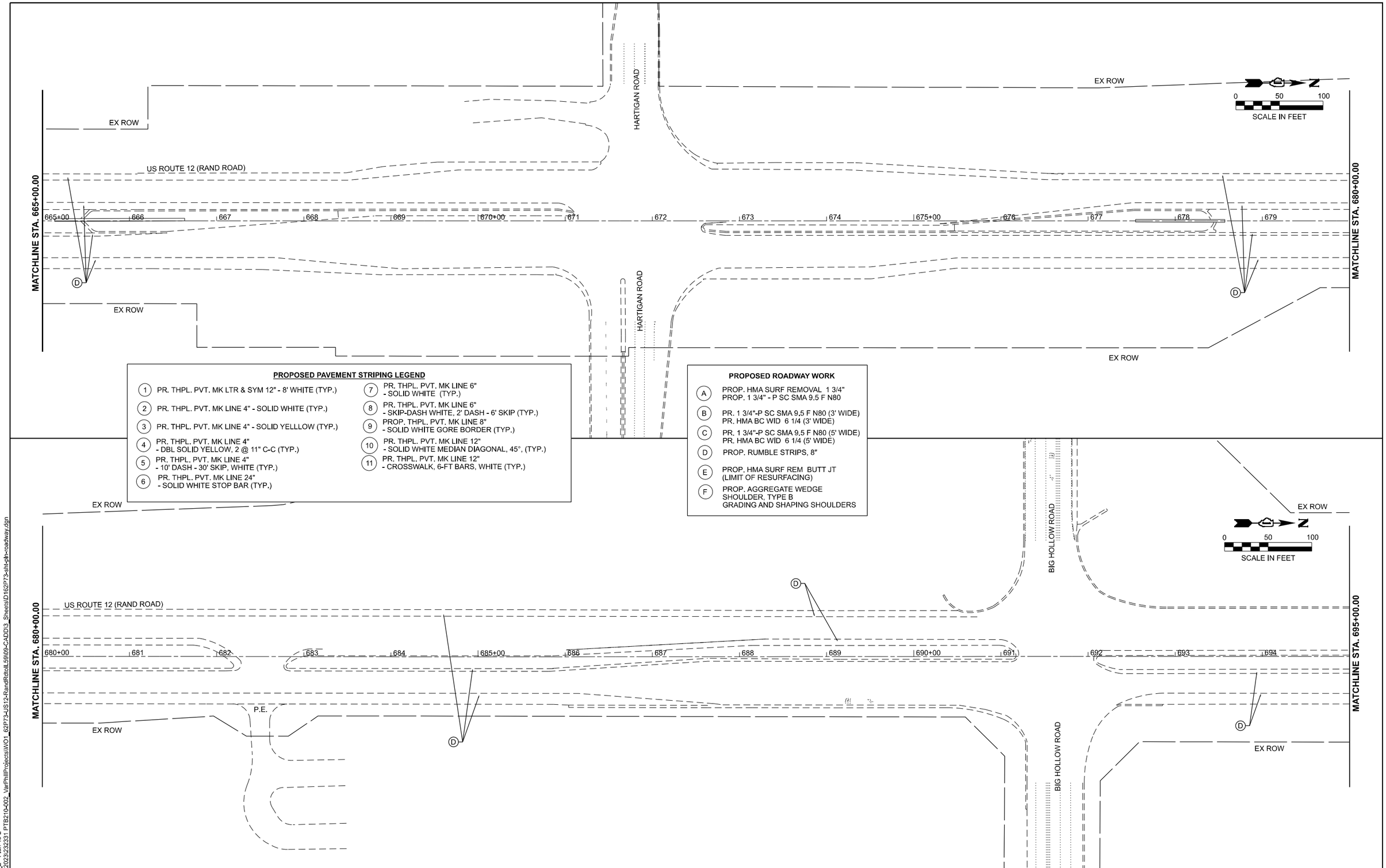
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 17 OF 20 SHEETS | STA. 637+00.00 TO STA. 665+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	63
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- A — PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- B — PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- C — PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- D — PROP. RUMBLE STRIPS, 8"
- E — PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- F — PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS

MODEL: US12_E - Plan 48-2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-pln-roadway.dgn

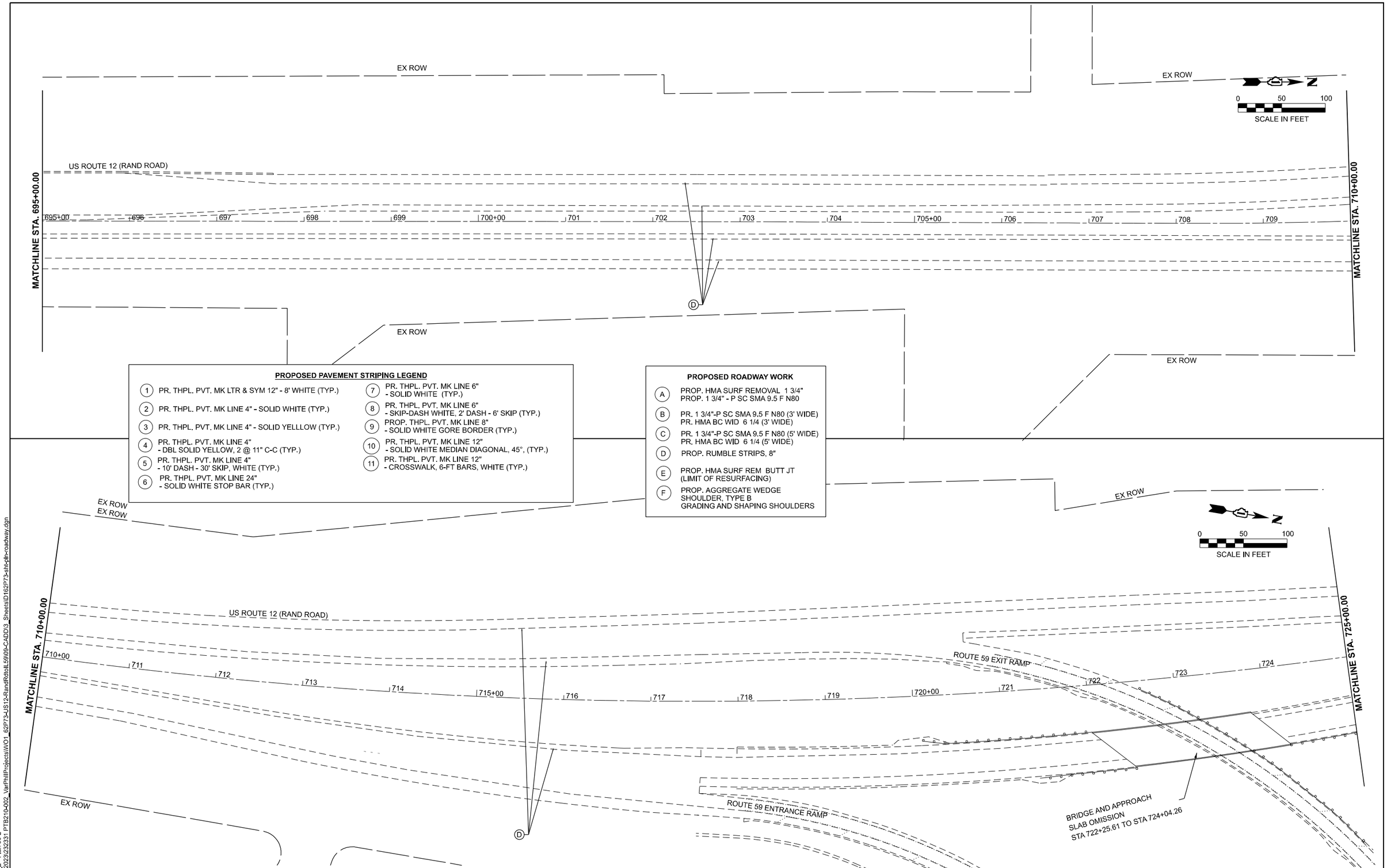
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 18 OF 20 SHEETS | STA. 665+00.00 TO STA. 695+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	64
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT. MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B GRADING AND SHAPING SHOULDERS

MODEL: US12_E - Plan 50-2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-pln-roadway.dgn

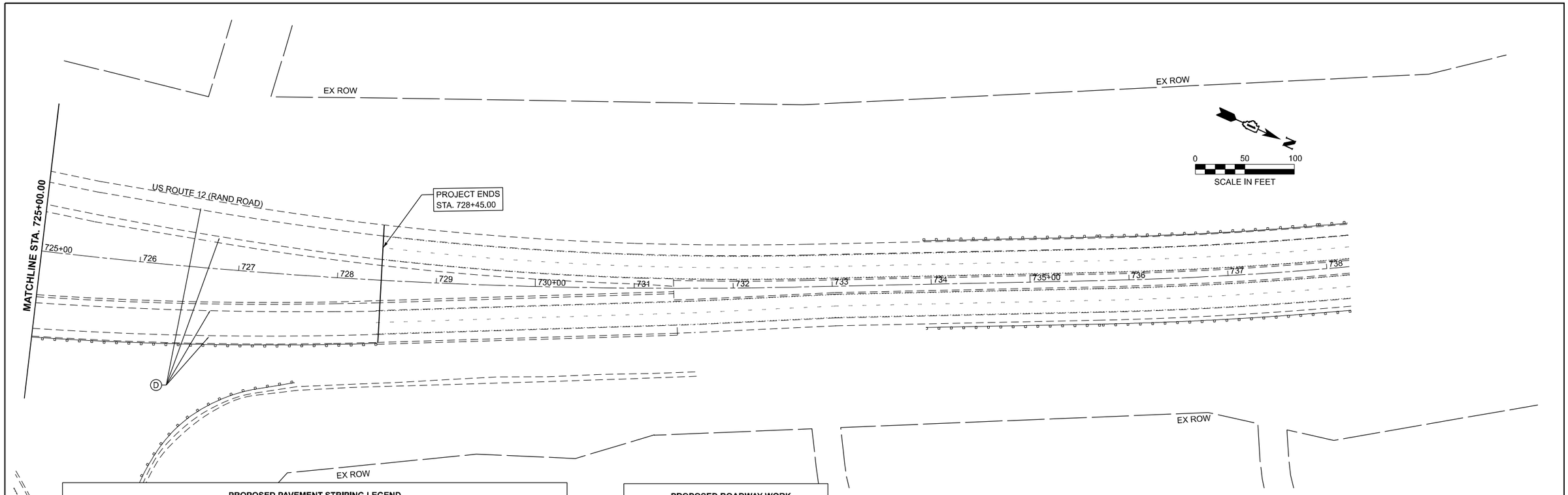
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 19 OF 20 SHEETS | STA. 695+00.00 TO STA. 725+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	65
		CONTRACT NO.62P73		
		ILLINOIS FED. AID PROJECT		



PROPOSED PAVEMENT STRIPING LEGEND

1. PR. THPL. PVT. MK LTR & SYM 12" - 8' WHITE (TYP.)
2. PR. THPL. PVT. MK LINE 4" - SOLID WHITE (TYP.)
3. PR. THPL. PVT. MK LINE 4" - SOLID YELLLOW (TYP.)
4. PR. THPL. PVT. MK LINE 4" - DBL SOLID YELLOW, 2 @ 11" C-C (TYP.)
5. PR. THPL. PVT, MK LINE 4" - 10' DASH - 30' SKIP, WHITE (TYP.)
6. PR. THPL. PVT. MK LINE 24" - SOLID WHITE STOP BAR (TYP.)
7. PR. THPL. PVT. MK LINE 6" - SOLID WHITE (TYP.)
8. PR. THPL. PVT. MK LINE 6" - SKIP-DASH WHITE, 2' DASH - 6' SKIP (TYP.)
9. PROP. THPL. PVT. MK LINE 8" - SOLID WHITE GORE BORDER (TYP.)
10. PR. THPL. PVT. MK LINE 12" - SOLID WHITE MEDIAN DIAGONAL, 45°, (TYP.)
11. PR. THPL. PVT. MK LINE 12" - CROSSWALK, 6-FT BARS, WHITE (TYP.)

PROPOSED ROADWAY WORK

- (A) PROP. HMA SURF REMOVAL 1 3/4"
  PROP. 1 3/4" - P SC SMA 9.5 F N80
- (B) PR. 1 3/4"-P SC SMA 9.5 F N80 (3' WIDE)
  PR. HMA BC WID 6 1/4 (3' WIDE)
- (C) PR. 1 3/4"-P SC SMA 9.5 F N80 (5' WIDE)
  PR. HMA BC WID 6 1/4 (5' WIDE)
- (D) PROP. RUMBLE STRIPS, 8"
- (E) PROP. HMA SURF REM BUTT JT (LIMIT OF RESURFACING)
- (F) PROP. AGGREGATE WEDGE SHOULDER, TYPE B
  GRADING AND SHAPING SHOULDERS

MODEL: US12_E - Plan 52-2
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-pln-roadway.dgn

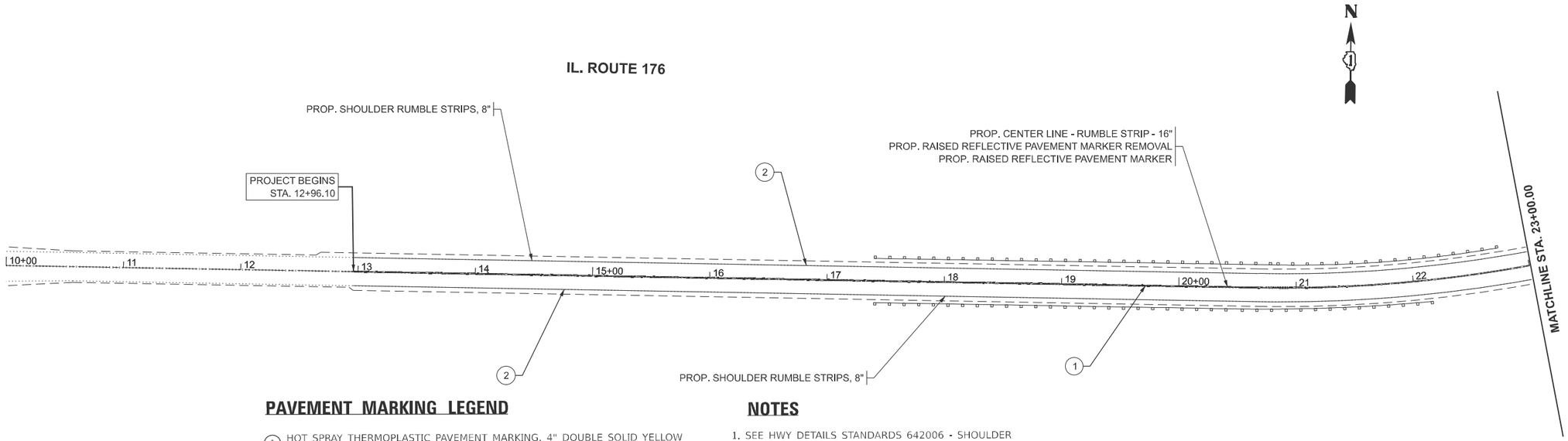
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/20/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
ROADWAY PLANS

SCALE: 1"=50' | SHEET 20 OF 20 SHEETS | STA. 725+00.00 TO STA. 740+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	66
		CONTRACT NO.62P73		
		ILLINOIS	FED. AID PROJECT	



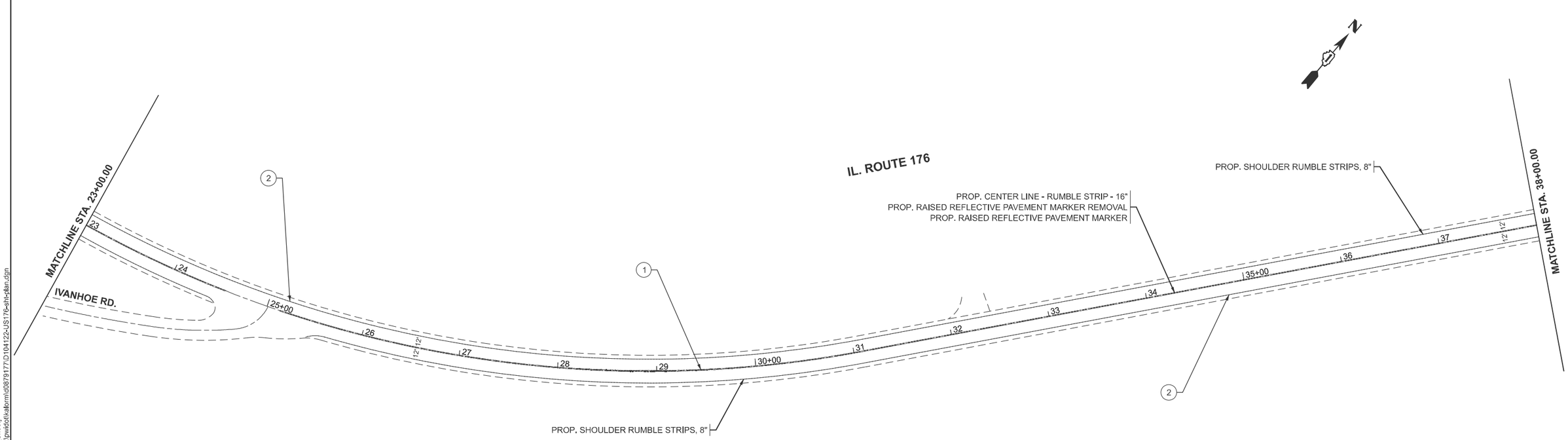
PAVEMENT MARKING LEGEND

(1) HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)

(2) MODIFIED URETHANE PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)

NOTES

1. SEE HWY DETAILS STANDARDS 642006 - SHOULDER RUMBLE STRIPS, 8" AND BD 55 - RUMBLE STRIPS FOR CENTERLINE, NON - FREEWAY FOR DETAILS.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
3. FILLING RRPM REMOVAL HOLES WITH SAME MATERIAL USED TO SECURE NEW RRPM IS INCLUDED IN THE COST OF RRPM REMOVAL.



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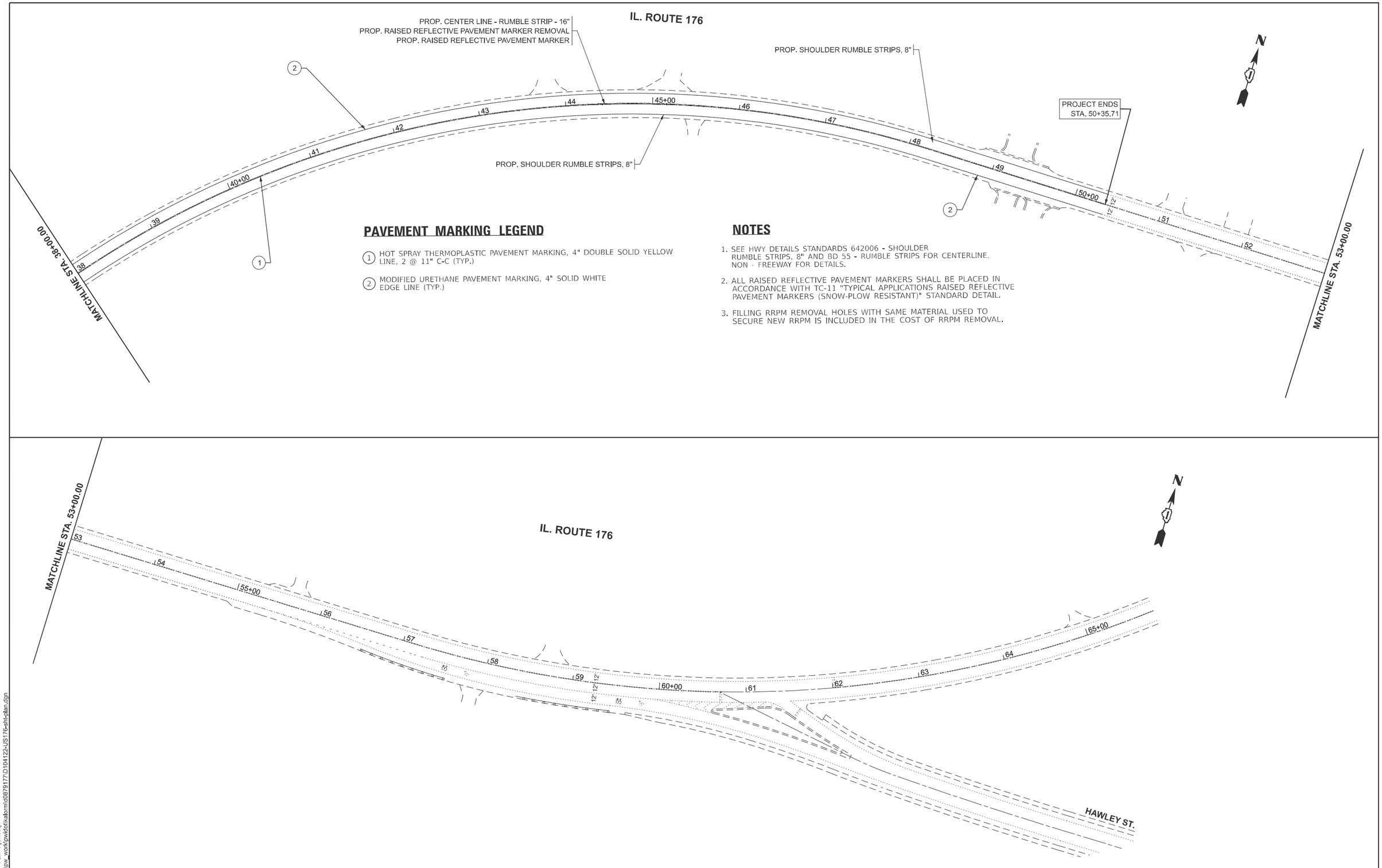
USER NAME = Rana.Kalo	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/21/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL ROUTE 176 (WEST OF IVANHOE ROAD TO WEST OF HAWLEY STREET)

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. 10+00.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	67
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



PAVEMENT MARKING LEGEND

(1) HOT SPRAY THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)

(2) MODIFIED URETHANE PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)

NOTES

1. SEE HWY DETAILS STANDARDS 642006 - SHOULDER RUMBLE STRIPS, 8" AND BD 55 - RUMBLE STRIPS FOR CENTERLINE, NON - FREEWAY FOR DETAILS.
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
3. FILLING RRPM REMOVAL HOLES WITH SAME MATERIAL USED TO SECURE NEW RRPM IS INCLUDED IN THE COST OF RRPM REMOVAL.

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USER NAME = Rana.Kalo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/21/2025	DATE -	REVISED -	

EXISTING AND PROPOSED ROADWAY PLAN
IL ROUTE 176 (WEST OF IVANHOE ROAD TO WEST OF HAWLEY STREET)

SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 38+00.00 TO STA. 68+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	68

CONTRACT NO. 62P73

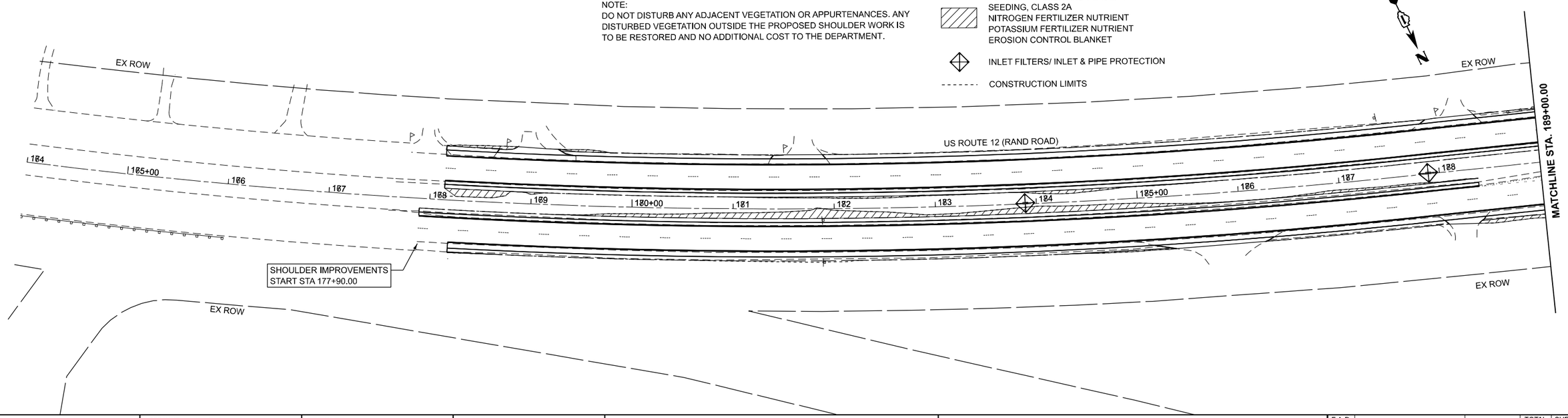
ILLINOIS | FED. AID PROJECT

NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.

EROSION CONTROL LEGEND

- TOPSOIL FURNISH AND PLACE, 4"
- SEEDING, CLASS 2A
- NITROGEN FERTILIZER NUTRIENT
- POTASSIUM FERTILIZER NUTRIENT
- EROSION CONTROL BLANKET
- INLET FILTERS/ INLET & PIPE PROTECTION
- CONSTRUCTION LIMITS

0 50 100
SCALE IN FEET



MODEL: US12_E - Plan 16
FILE NAME: C:\Bentley\CONNECT10\1\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD EROSION CONTROL PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			334	2024-1053-RS&N,SR,RS	LAKE	230 / 69
		CHECKED -	REVISED -					CONTRACT NO. 62P73	
	PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: 1"=50' / SHEET 1 OF 12 SHEETS / STA. 177+90.00 TO STA. 189+00.00		ILLINOIS	FED. AID PROJECT	

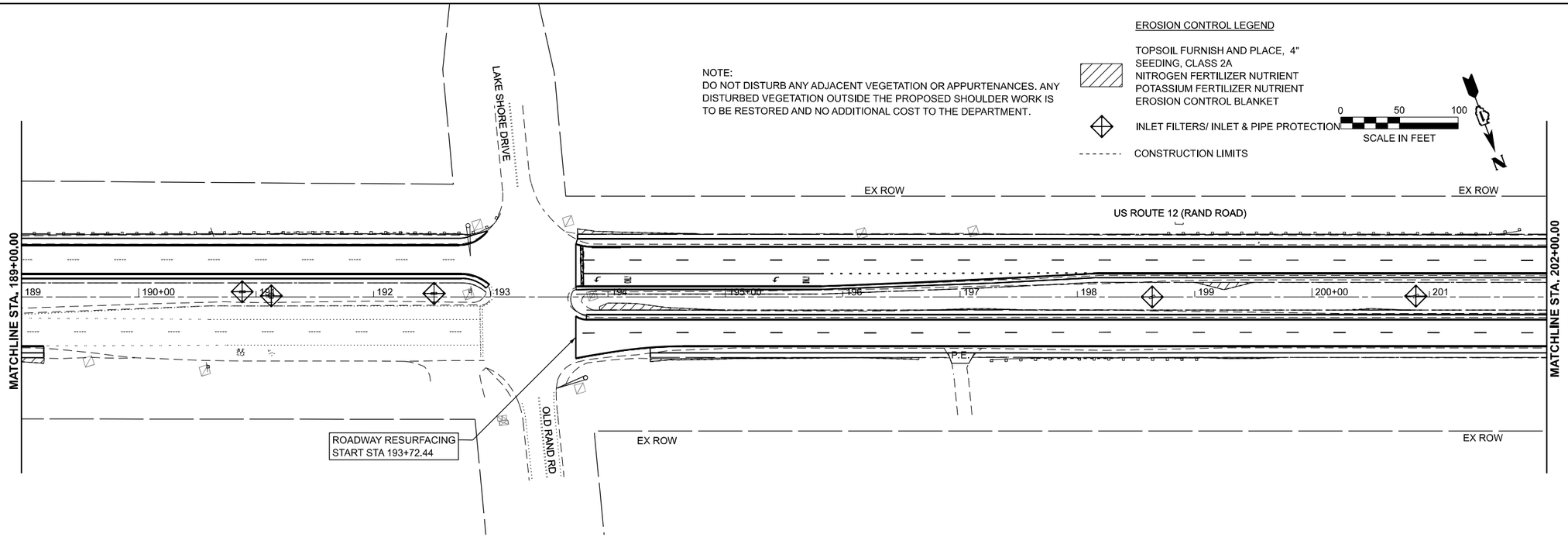
EROSION CONTROL LEGEND

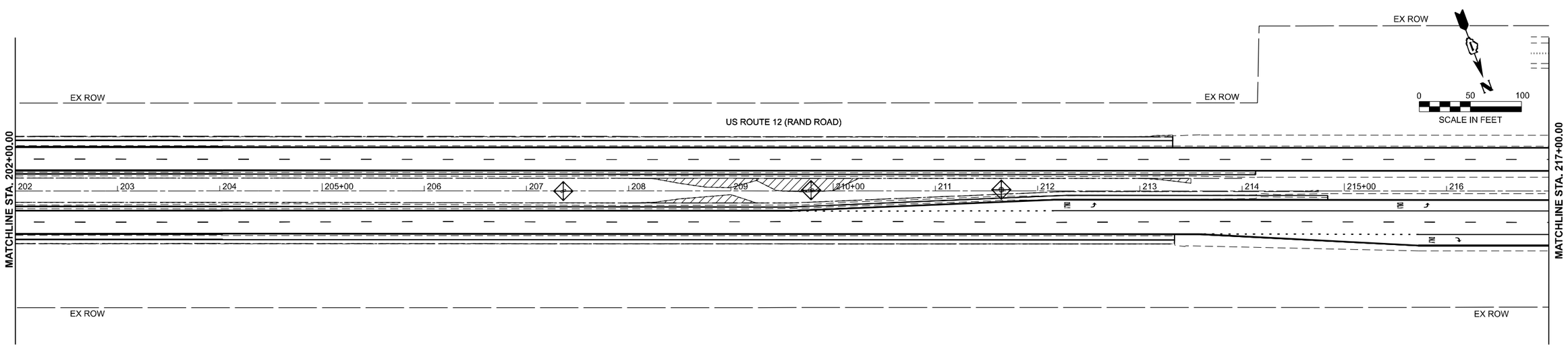
TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET

INLET FILTERS/ INLET & PIPE PROTECTION

CONSTRUCTION LIMITS

NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.





MODEL: US12_E - Plan 16
FILE NAME: C:\Bentley\CONNECT10\11\Organization-Civil\IDOT_Standards\Cell\IDOT_Sheets.cel

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
EROSION CONTROL PLANS

SCALE: 1"=50' | SHEET 2 OF 12 SHEETS | STA. 189+00.00 TO STA. 217+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	70
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

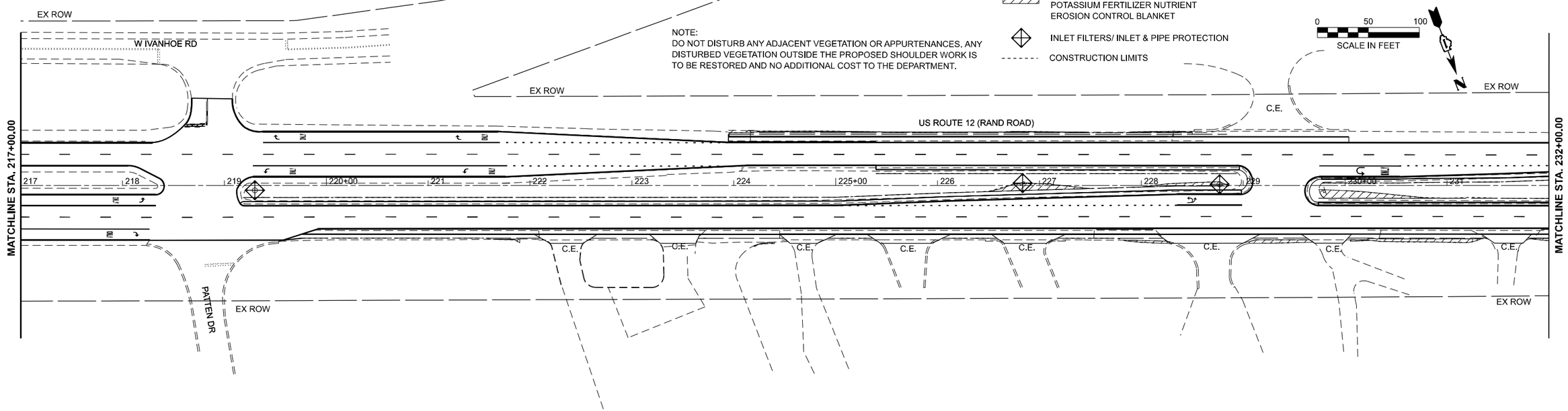
EROSION CONTROL LEGEND

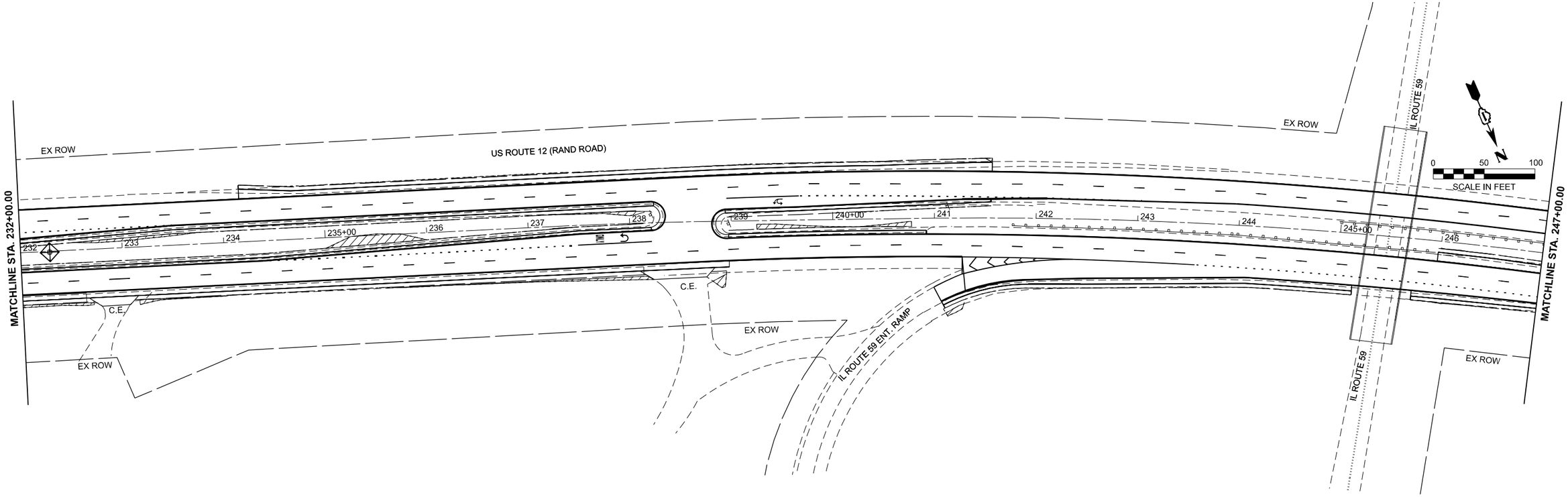
TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET

INLET FILTERS/ INLET & PIPE PROTECTION

CONSTRUCTION LIMITS

NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.





MODEL: US12_E - Plan 18
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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

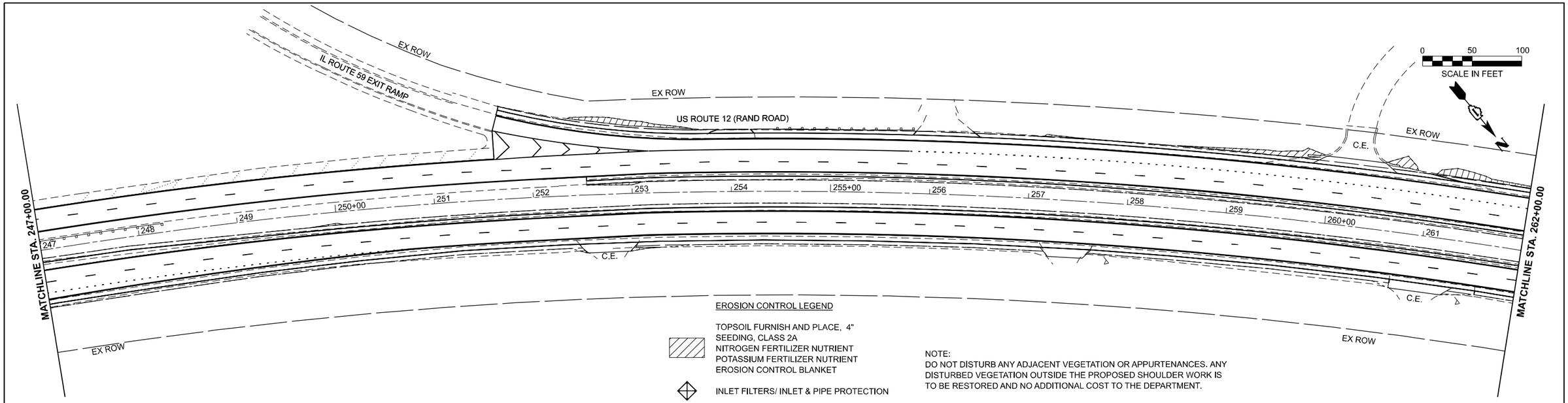
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
EROSION CONTROL PLANS

SCALE: 1"=50' | SHEET 3 OF 12 SHEETS | STA. 217+00.00 TO STA. 247+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	71
		CONTRACT NO. 62P73		
		ILLINOIS FED. AID PROJECT		



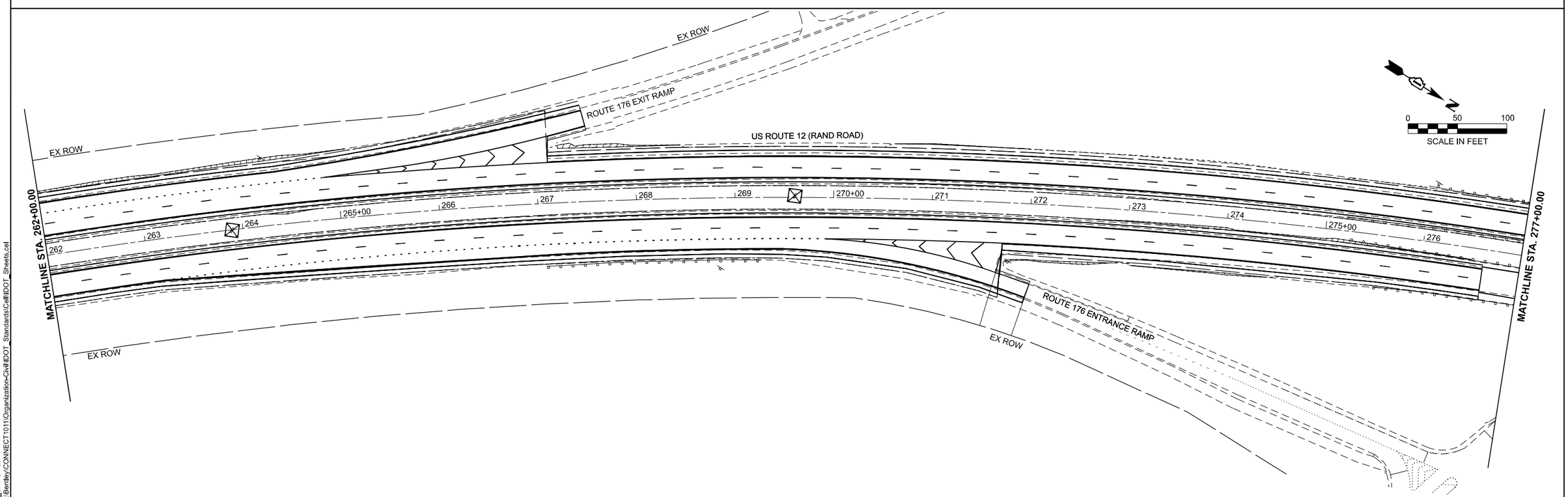
EROSION CONTROL LEGEND

TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET

INLET FILTERS/ INLET & PIPE PROTECTION

CONSTRUCTION LIMITS

NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.



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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

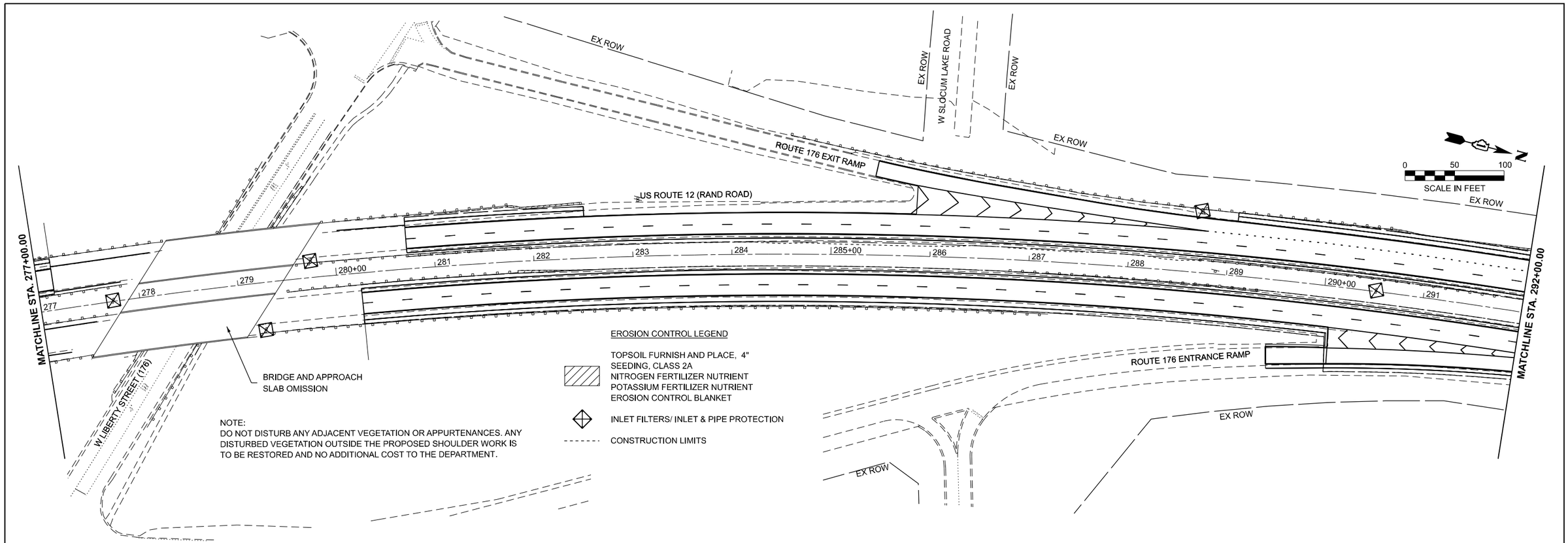
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

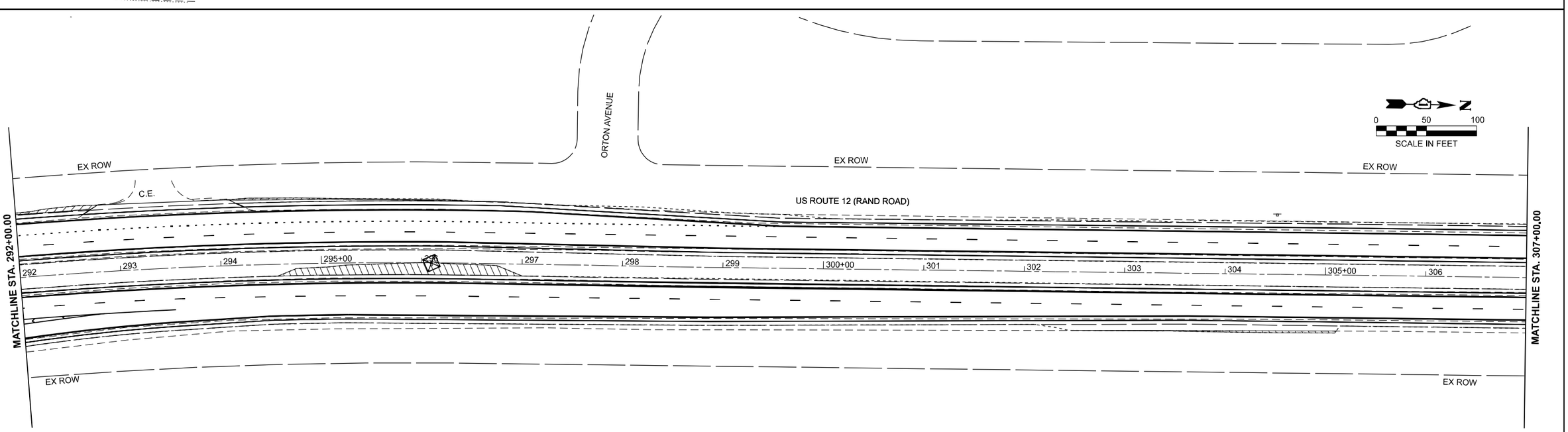
US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
EROSION CONTROL PLANS

SCALE: | SHEET 4 OF 12 SHEETS | STA. 247+00.00 TO STA. 277+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	72
		CONTRACT NO. 62P73		
		ILLINOIS FED. AID PROJECT		



NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.



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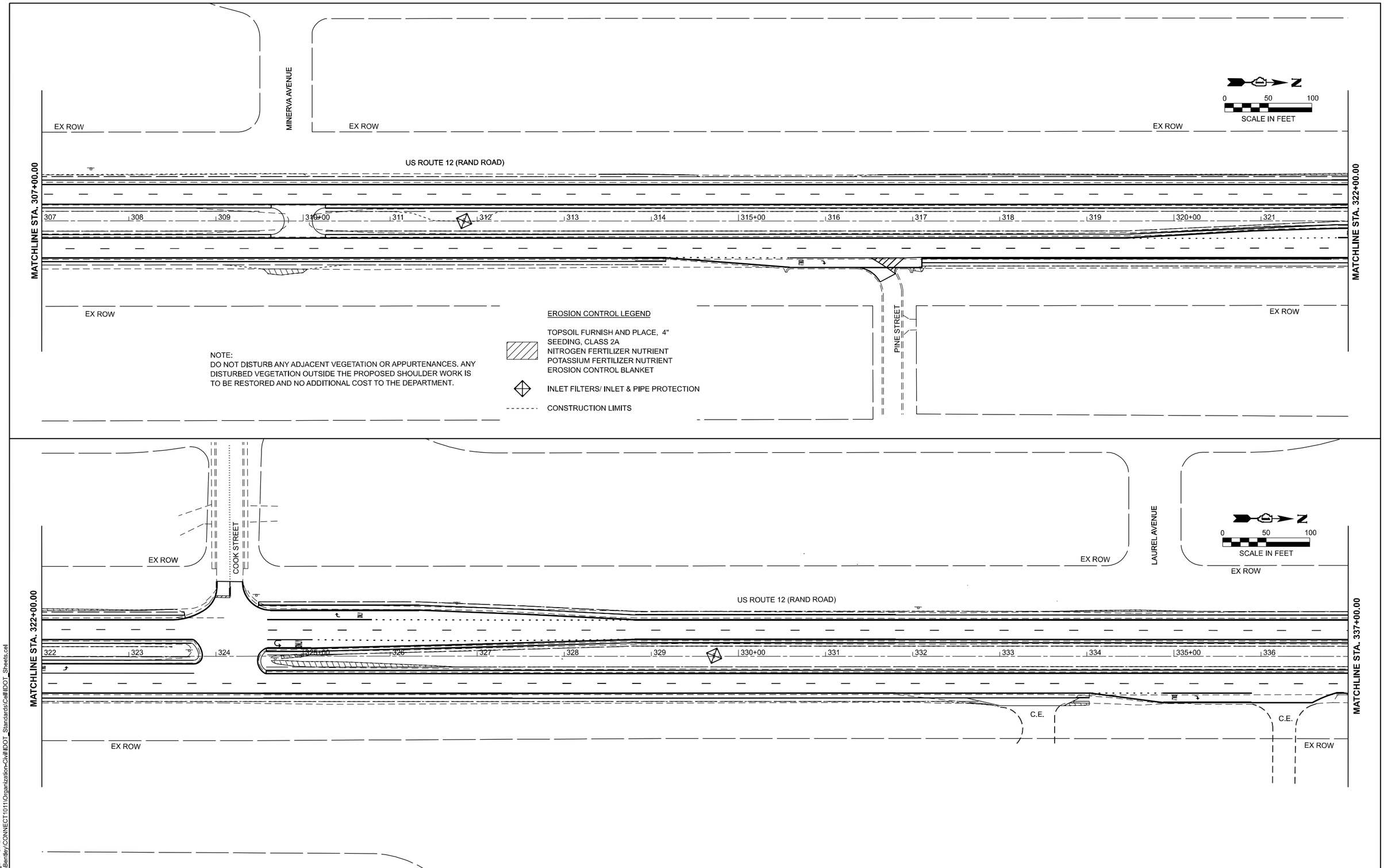
WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD EROSION CONTROL PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			334	2024-1053-RS&N,SR,RS	LAKE	230 / 73
		CHECKED -	REVISED -					CONTRACT NO. 62P73	
	PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: 1"=50' SHEET 5 OF 12 SHEETS STA. 277+00.00 TO STA. 307+00.00		ILLINOIS	FED. AID PROJECT	



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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

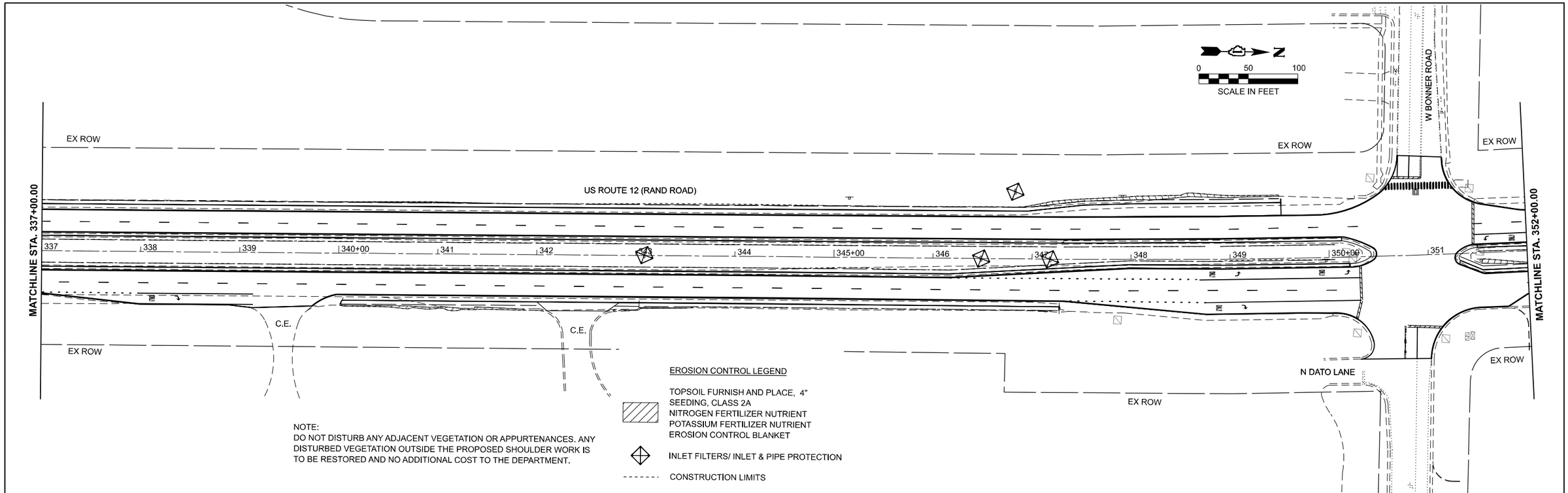
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
EROSION CONTROL PLANS

SCALE: 1"=50' | SHEET 6 OF 12 SHEETS | STA. 307+00.00 TO STA. 337+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	74
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



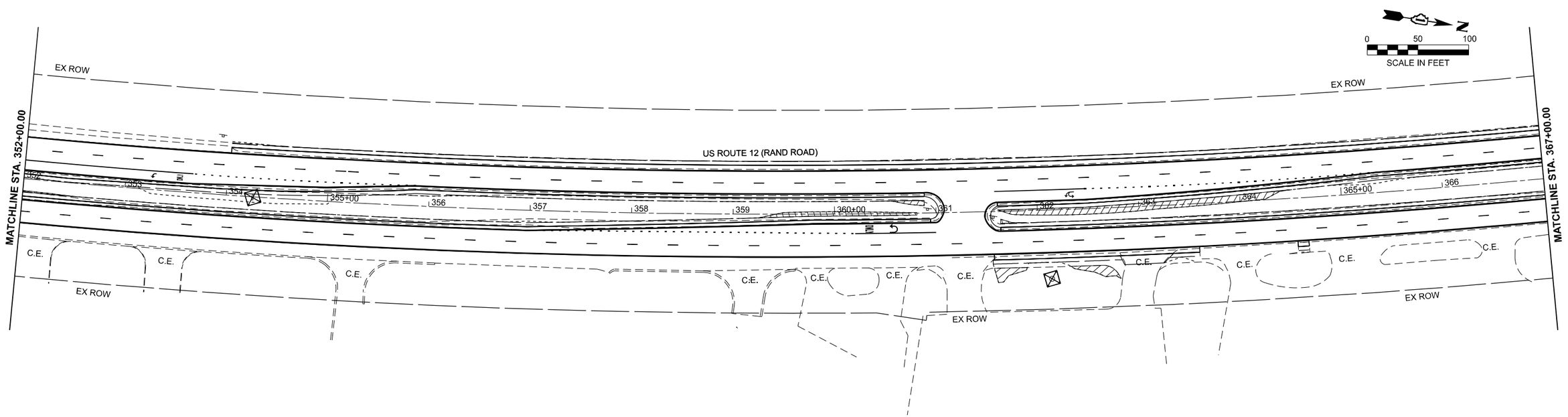
NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.

EROSION CONTROL LEGEND

TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET

INLET FILTERS/ INLET & PIPE PROTECTION

CONSTRUCTION LIMITS



MODEL: US12_E - Plan 26
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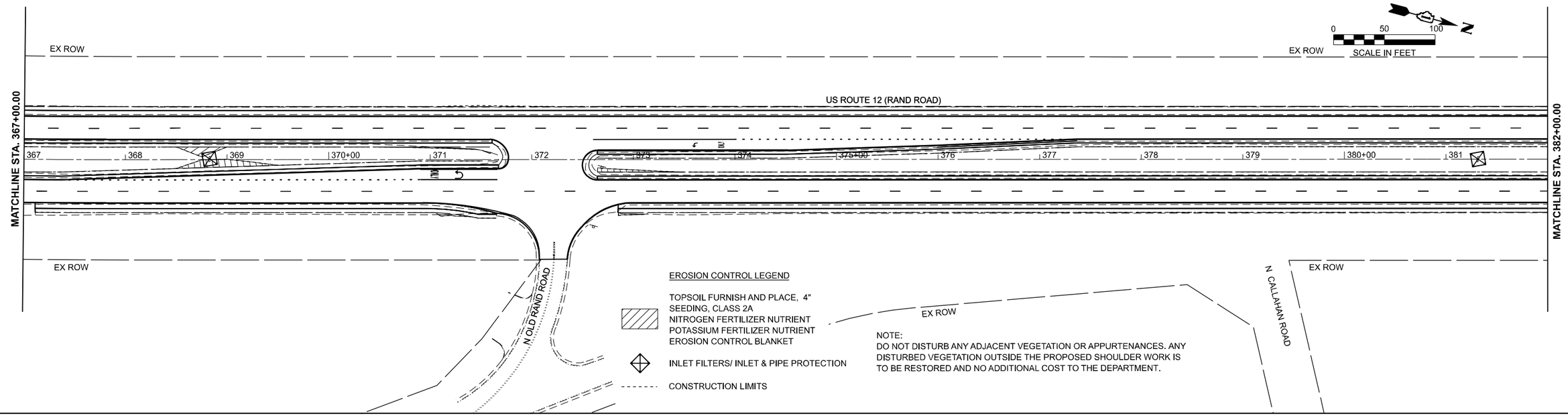
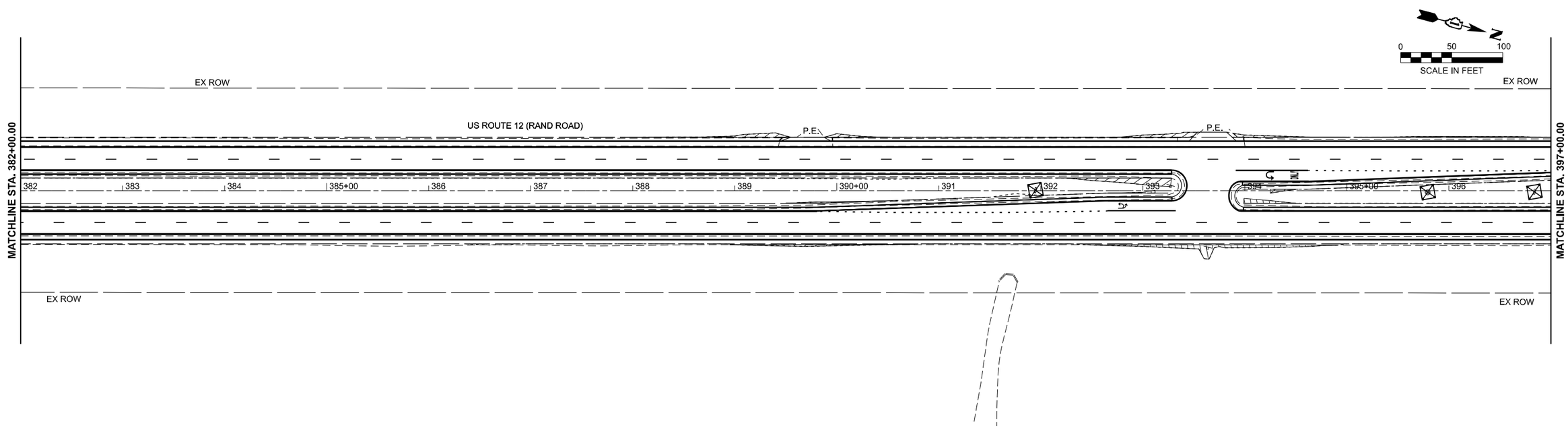
WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD EROSION CONTROL PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			334	2024-1053-RS&N,SR,RS	LAKE	230 / 75
		CHECKED -	REVISED -					CONTRACT NO. 62P73	
	PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: 1"=50' / SHEET 7 OF 12 SHEETS / STA. 337+00.00 TO STA. 367+00.00		ILLINOIS	FED. AID PROJECT	





MODEL: US12_E - Plan 28
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WBK ENGINEERING 116 WEST MAIN STREET SUITE 201 ST. CHARLES, IL 60174 (630) 443-7755	USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD EROSION CONTROL PLANS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					334	2024-1053-RS&N,SR,RS	LAKE	230	76
		CHECKED -	REVISED -							CONTRACT NO. 62P73		
	PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: 1"=50'	SHEET 8 OF 12 SHEETS	STA. 367+00.00 TO STA. 397+00.00			ILLINOIS	FED. AID PROJECT	

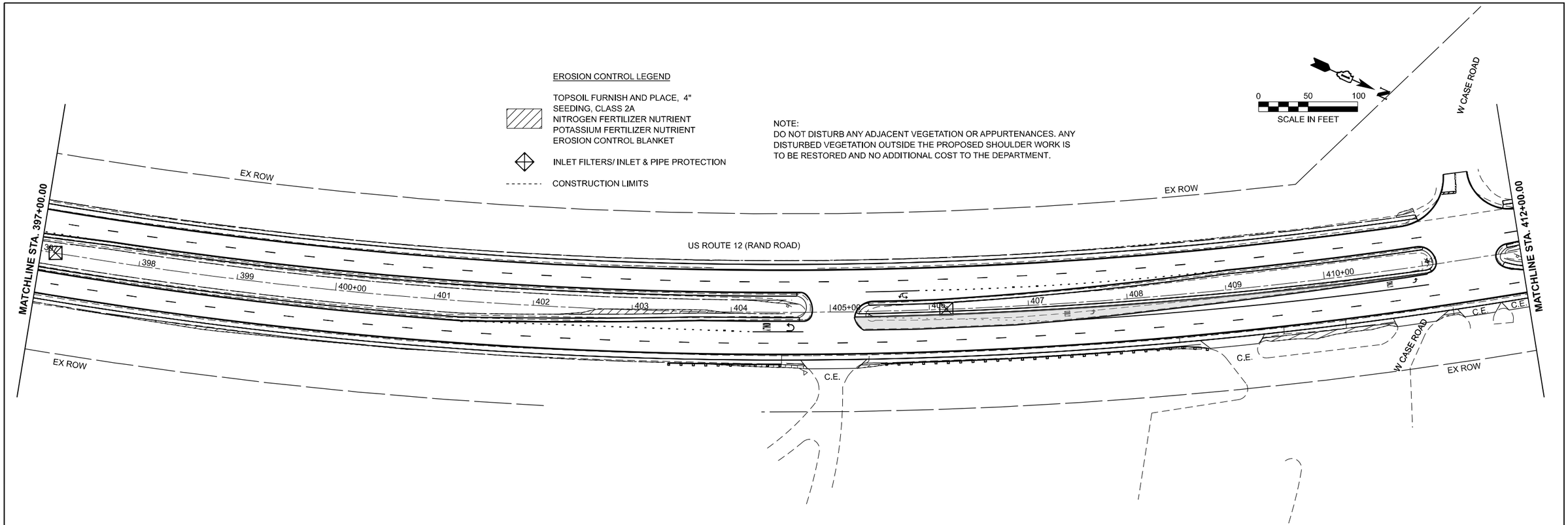
EROSION CONTROL LEGEND

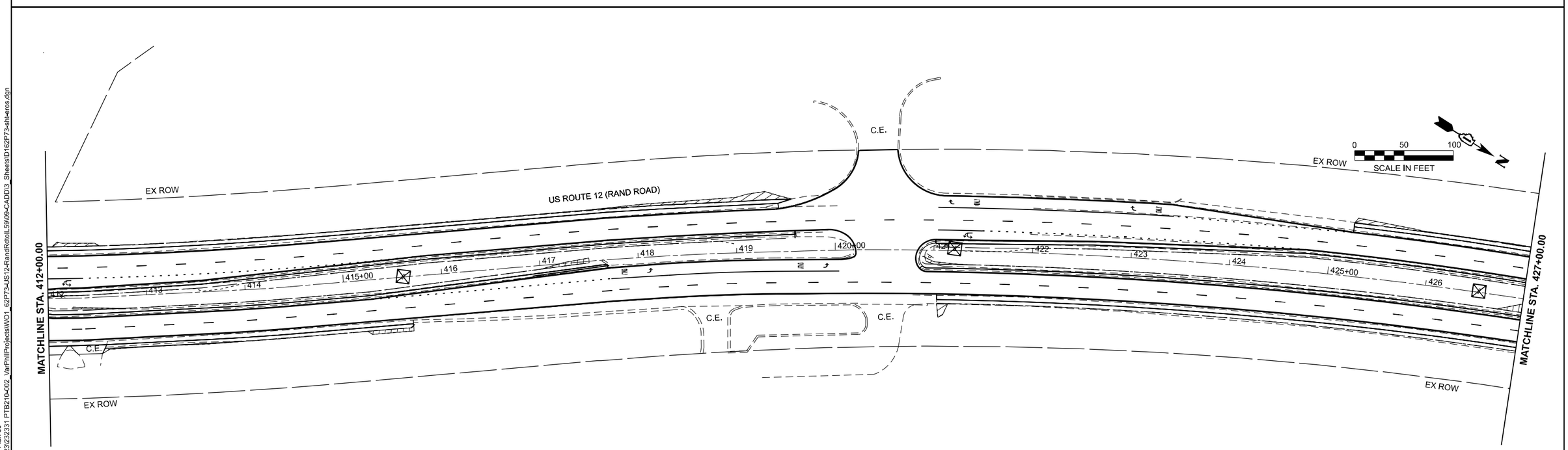
TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET

INLET FILTERS/ INLET & PIPE PROTECTION

CONSTRUCTION LIMITS

NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.





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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

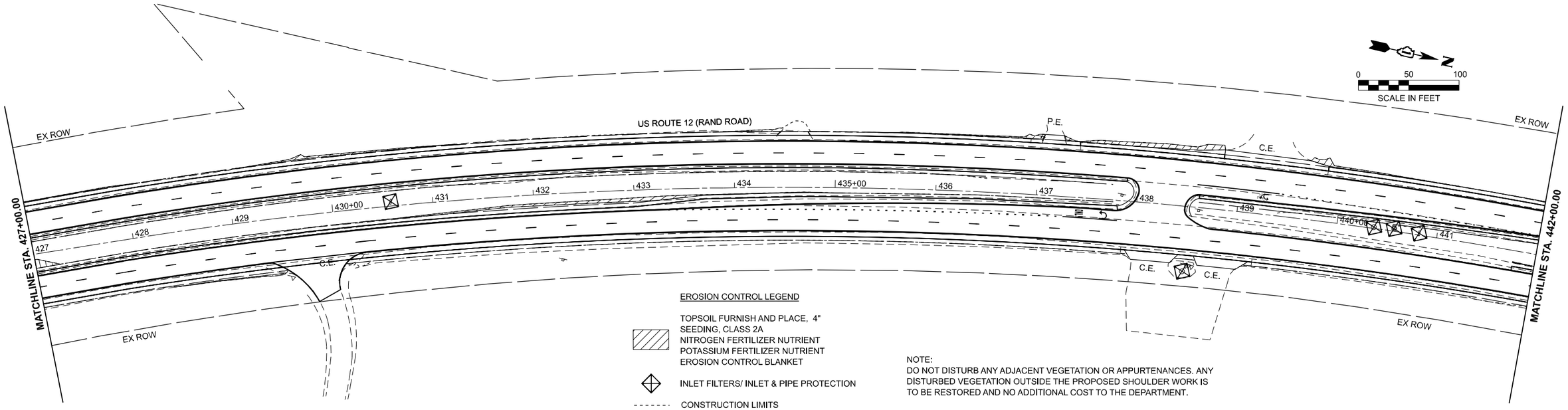
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
EROSION CONTROL PLANS

SCALE: 1"=50' | SHEET 9 OF 12 SHEETS | STA. 397+00.00 TO STA. 427+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	77
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



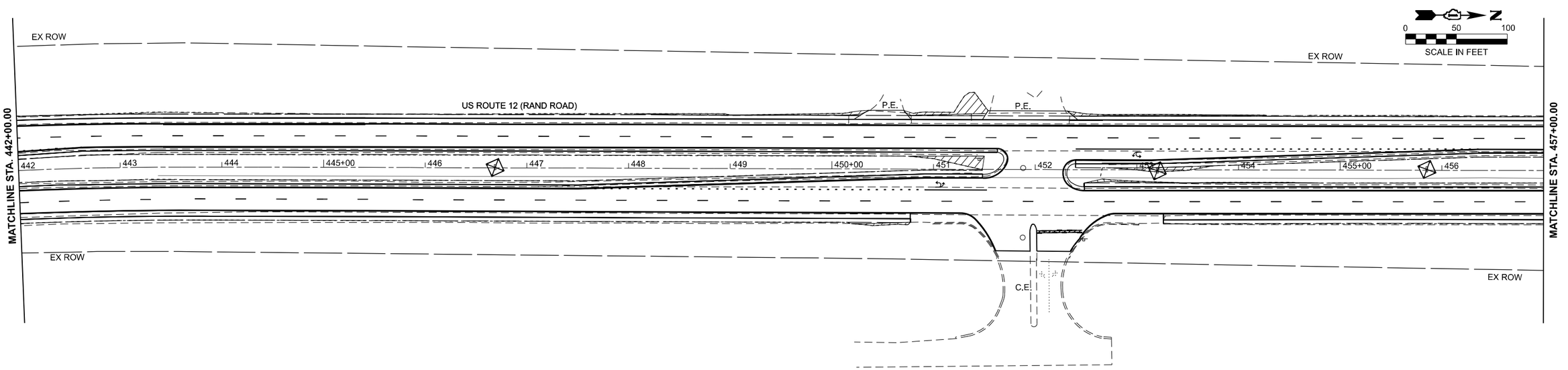
EROSION CONTROL LEGEND

TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET

INLET FILTERS/ INLET & PIPE PROTECTION

CONSTRUCTION LIMITS

NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.



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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

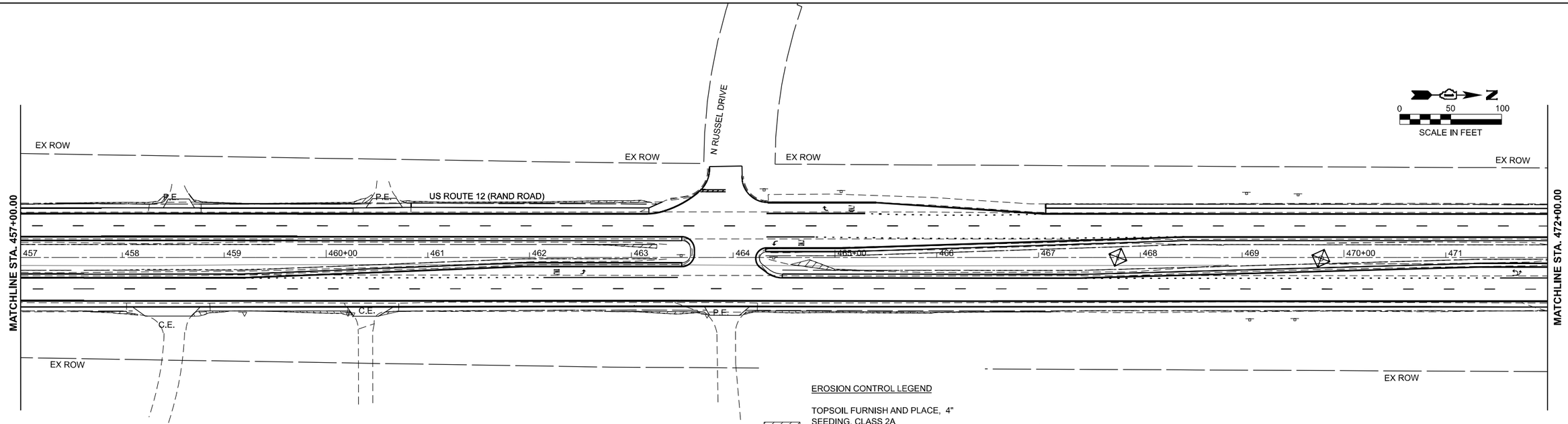
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
EROSION CONTROL PLANS

SCALE: 1"=50' | SHEET 10 OF 12 SHEETS | STA. 427+00.00 TO STA. 457+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	78
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



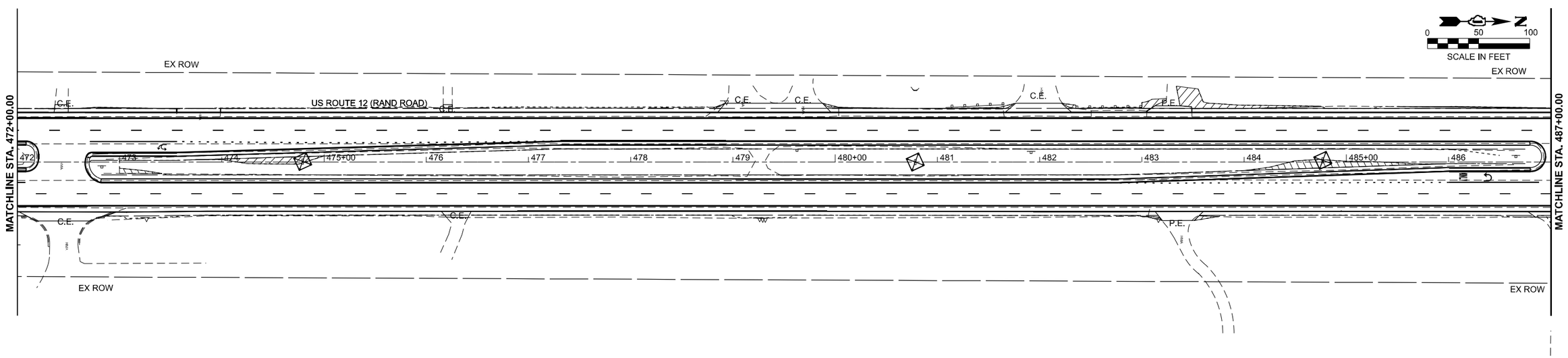
EROSION CONTROL LEGEND

TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET

INLET FILTERS/ INLET & PIPE PROTECTION

CONSTRUCTION LIMITS

NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.



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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

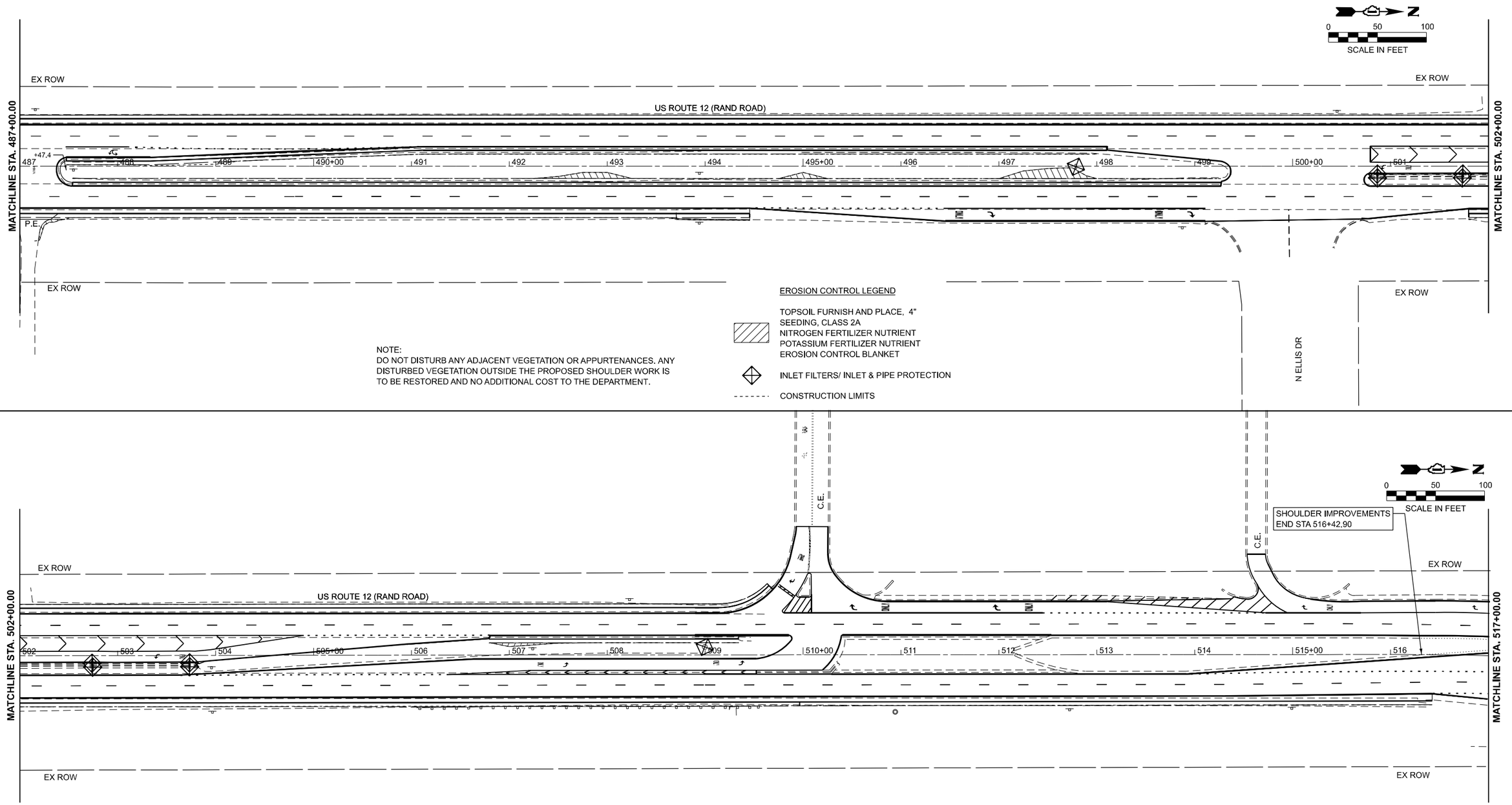
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
EROSION CONTROL PLANS

SCALE: 1"=50' | SHEET 11 OF 12 SHEETS | STA. 457+00.00 TO STA. 487+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	79
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



NOTE:
DO NOT DISTURB ANY ADJACENT VEGETATION OR APPURTENANCES. ANY DISTURBED VEGETATION OUTSIDE THE PROPOSED SHOULDER WORK IS TO BE RESTORED AND NO ADDITIONAL COST TO THE DEPARTMENT.

EROSION CONTROL LEGEND

TOPSOIL FURNISH AND PLACE, 4"
SEEDING, CLASS 2A
NITROGEN FERTILIZER NUTRIENT
POTASSIUM FERTILIZER NUTRIENT
EROSION CONTROL BLANKET

INLET FILTERS/ INLET & PIPE PROTECTION

CONSTRUCTION LIMITS

MODEL: US12_E - Plan 36
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 12 (RAND ROAD) - IL 59 TO OLD RAND ROAD
EROSION CONTROL PLANS

SCALE: 1"=50' | SHEET 12 OF 12 SHEETS | STA. 487+00.00 TO STA. 517+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	80

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	ECC	CC
MASTER CONTROLLER	EMC	MC
MASTER MASTER CONTROLLER	EMMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	RR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H H	H H
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P P	P P
SAMPLING (SYSTEM) DETECTOR	S S	S S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS IS	IS IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS QS	QS QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R Y G Y G P	R Y G Y G P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	R Y G Y G P RB	R Y G Y G P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

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	DRAWN - IP	REVISED -	
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PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -	

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-05	CONTRACT NO.		
		ILLINOIS	FED. AID PROJECT	

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PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET X OF X SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	81
	TS-05	CONTRACT NO. 62P73		
		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.

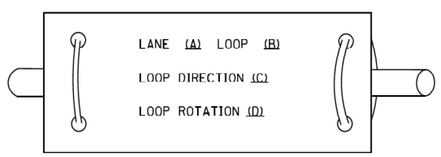
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

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.

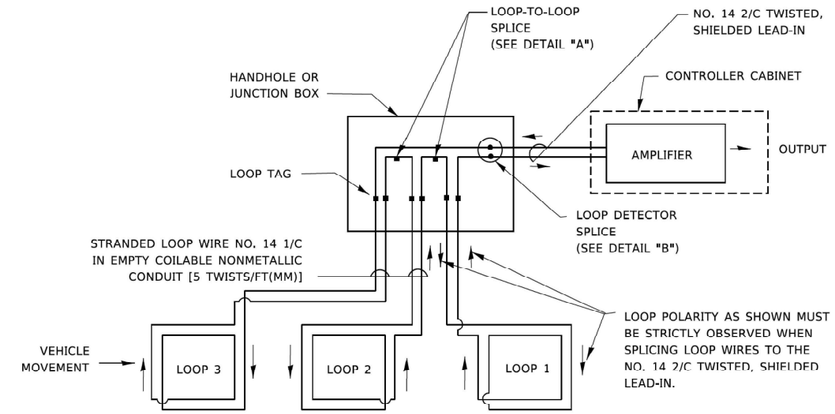
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

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

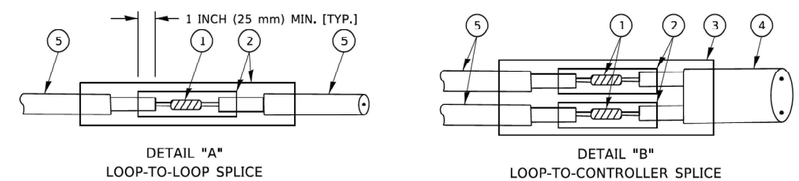


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

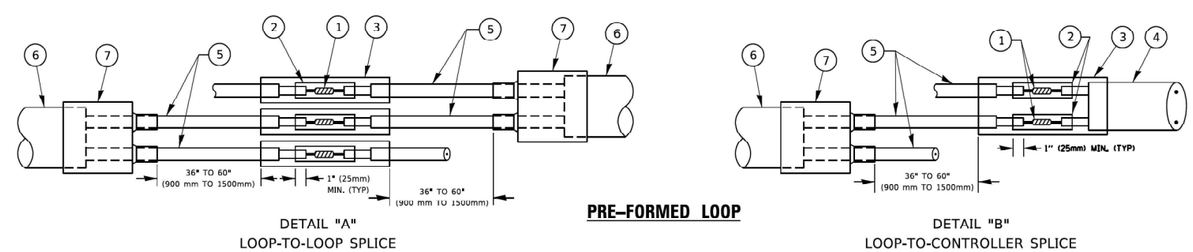


DETECTOR LOOP WIRING SCHEMATIC

- 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.



TYPE I LOOP



PRE-FORMED LOOP

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

MODEL: Default
FILE NAME: pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Traffic\2023\CADData\CADsheets\ts05.dgn

USER NAME = footemj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE -	REVISED -	

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.
	TS-05	CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MODEL: D1-TS-SHT2
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WBK ENGINEERING
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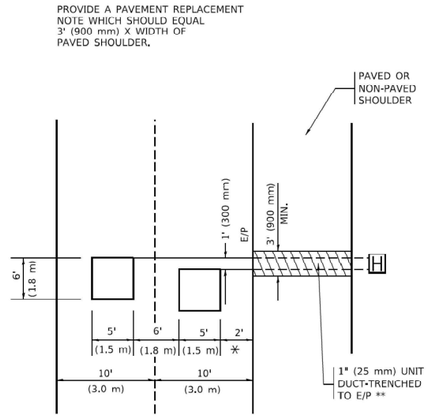
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE:	SHEET X OF X SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	82
	TS-05	CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

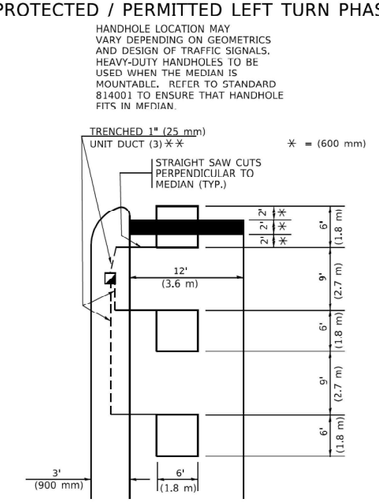


* = (600 mm)

** 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)

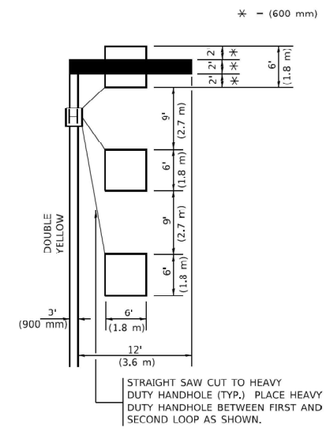


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

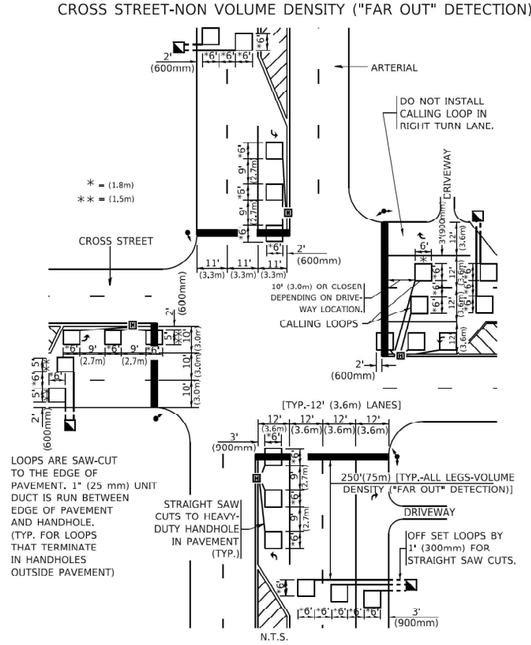
LEFT TURN LANES WITHOUT MEDIANS

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



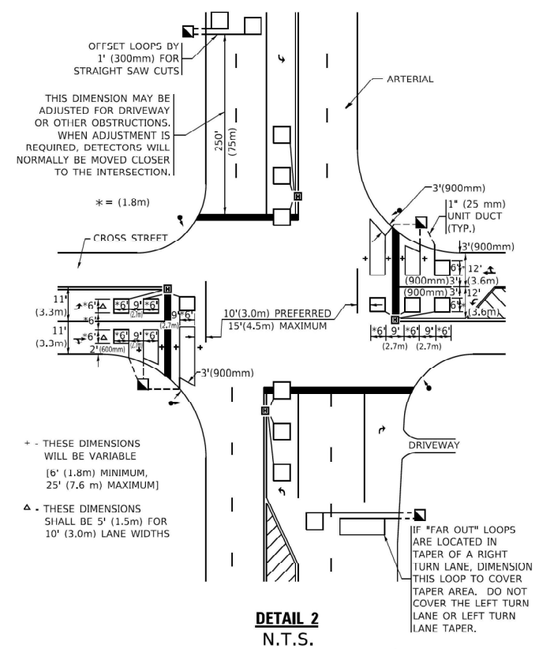
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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.

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.

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PLOT DATE = 3/4/2019	DATE -	REVISED -	

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.
	TS-07	CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

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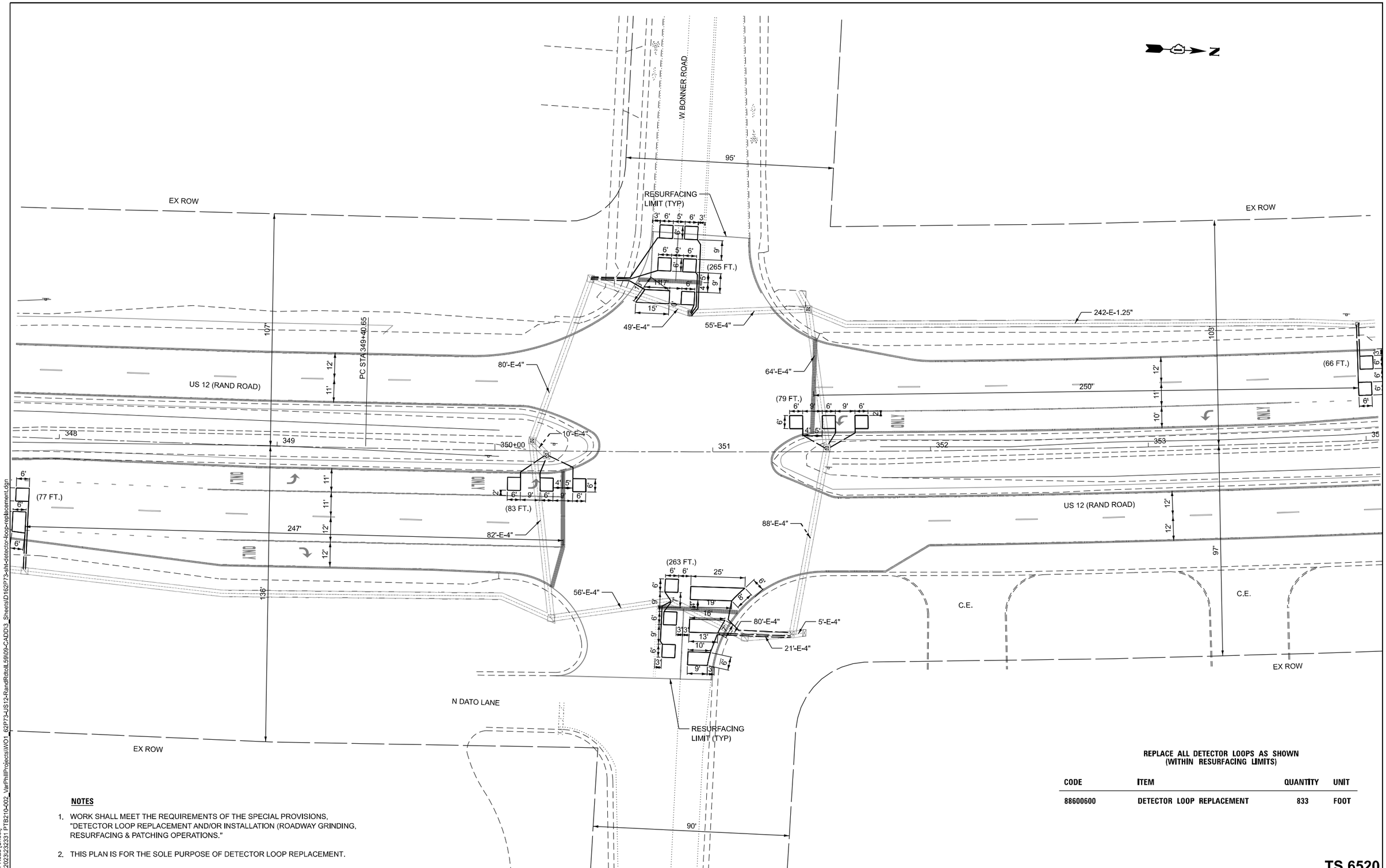
PLOT DATE = 3/24/2025	DATE -	REVISED -	

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

SCALE: | SHEET X OF X SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	83
	TS-07	CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		



REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	833	FOOT

NOTES

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS."
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

TS 6520

MODEL: Bonner Road [Sheet]
FILE NAME: Z:\2023\232331 PTB210-002_VarPhil\Projects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-detector-loop-replacement.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

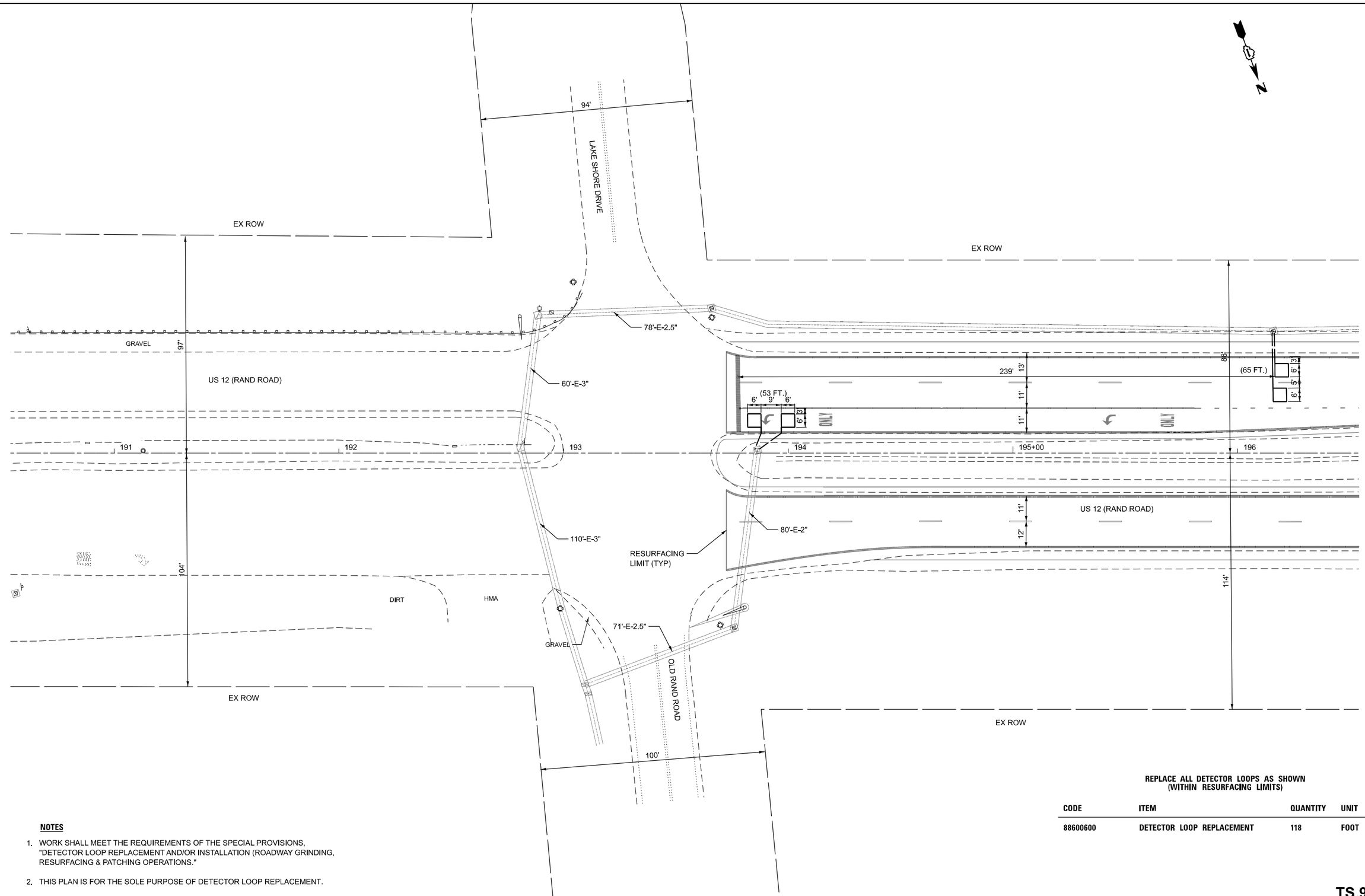
DETECTOR LOOP REPLACEMENT PLAN
US RTE 12 (RAND RD) AND BONNER RD

SCALE: 1"=20' | SHEET 1 OF 4 SHEETS | STA. 348+11.72 TO STA. 354+11.72

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	84

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT



REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	118	FOOT

NOTES

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS."
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

TS 960

MODEL: Old Rand Road [Sheet]
FILE NAME: Z:\2023\232331_PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-detector-loop-replacement.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

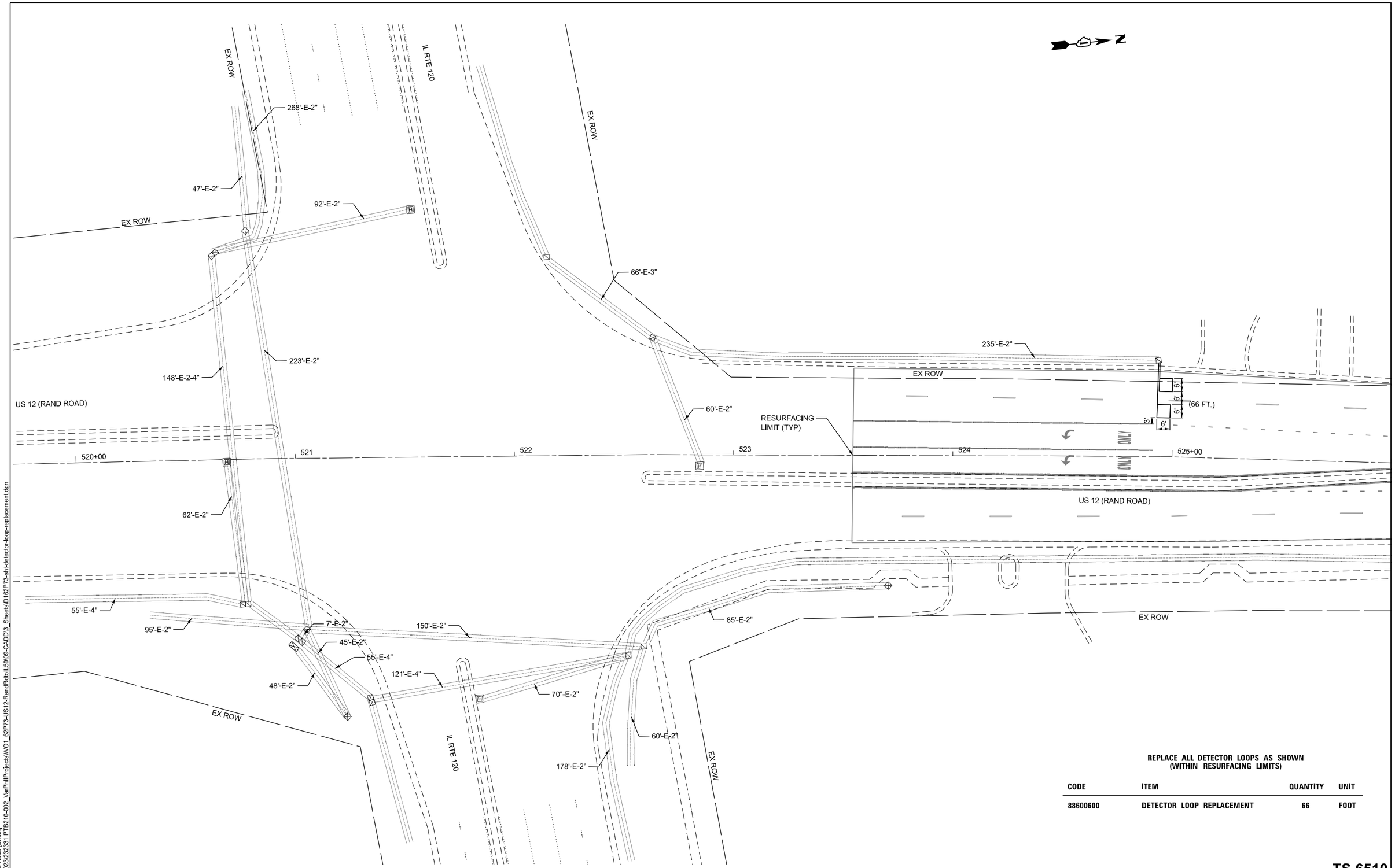
USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
US RTE 12 (RAND RD) AND LAKE SHORE DR/OLD RAND RD

SCALE: 1"=20' | SHEET 2 OF 4 SHEETS | STA. 190+53.92 TO STA. 196+53.92

F.A. P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	85
		CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	66	FOOT

TS 6510

MODEL: Belvidere Road [Sheet]
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WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

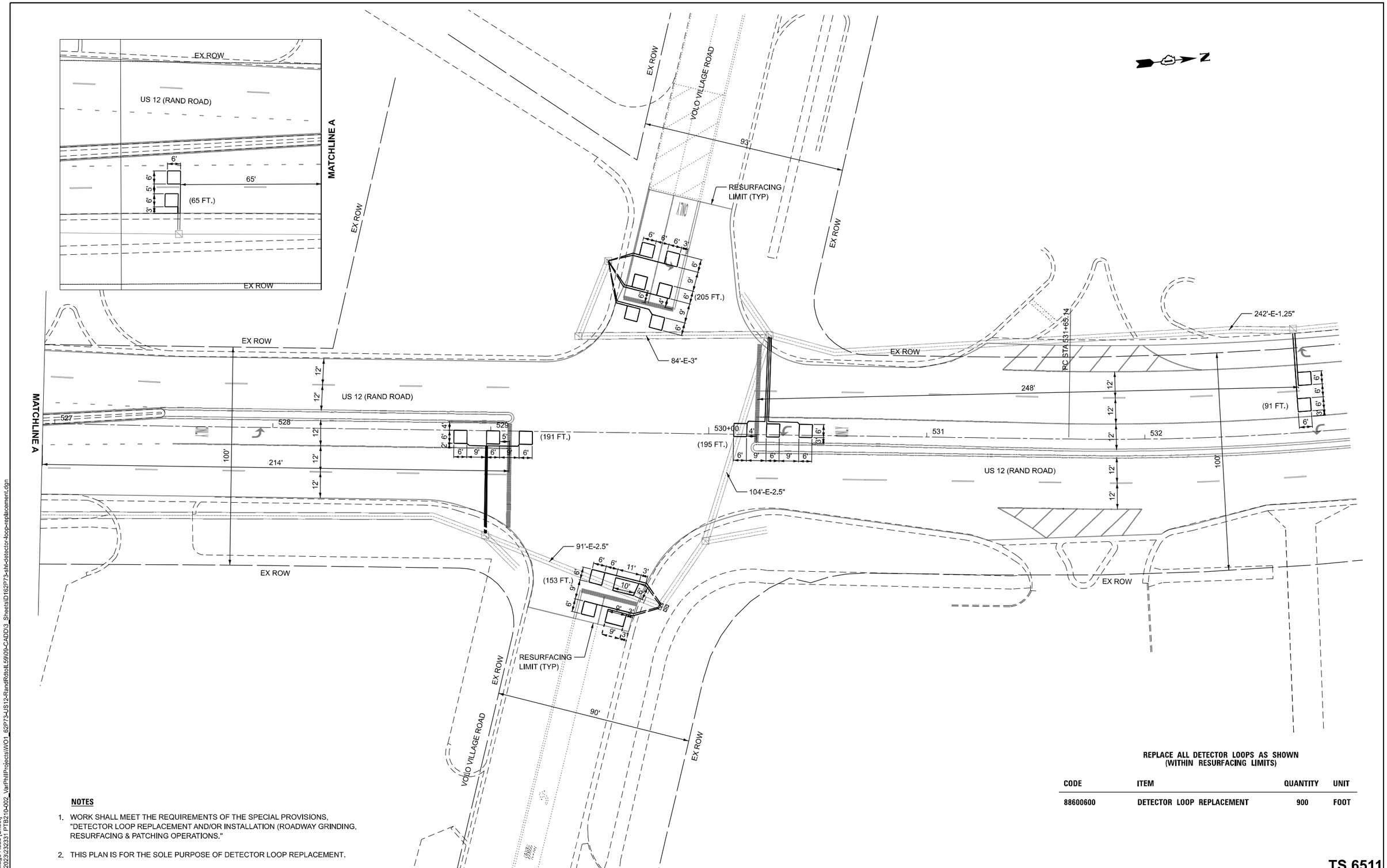
DETECTOR LOOP REPLACEMENT PLAN
US RTE 12 (RAND RD) AND IL RTE 120

SCALE: 1"=20' | SHEET 3 OF 4 SHEETS | STA. 519+71.2 TO STA. 526+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	86

CONTRACT NO. 62P73

ILLINOIS | FED. AID PROJECT



REPLACE ALL DETECTOR LOOPS AS SHOWN (WITHIN RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	900	FOOT

NOTES

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISIONS, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS."
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

TS 6511

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FILE NAME: Z:\2023\23231 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-detector-loop-replacement.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

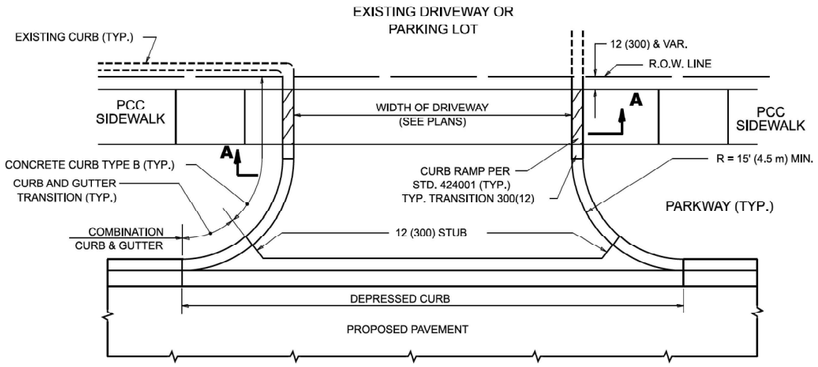
DETECTOR LOOP REPLACEMENT PLAN
US RTE 12 (RAND RD) AND VOLO VILLAGE RD

SCALE: 1"=20' | SHEET 4 OF 4 SHEETS | STA. 527+15.58 TO STA. 533+15.58

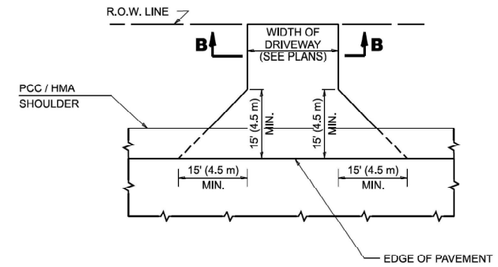
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N,SR,RS	LAKE	230	87

CONTRACT NO. 62P73

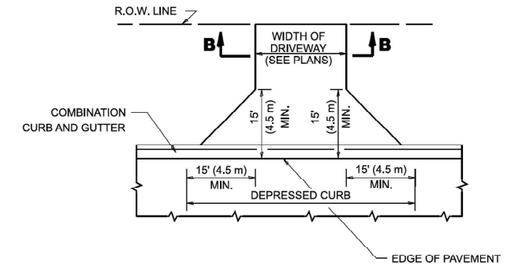
ILLINOIS | FED. AID PROJECT



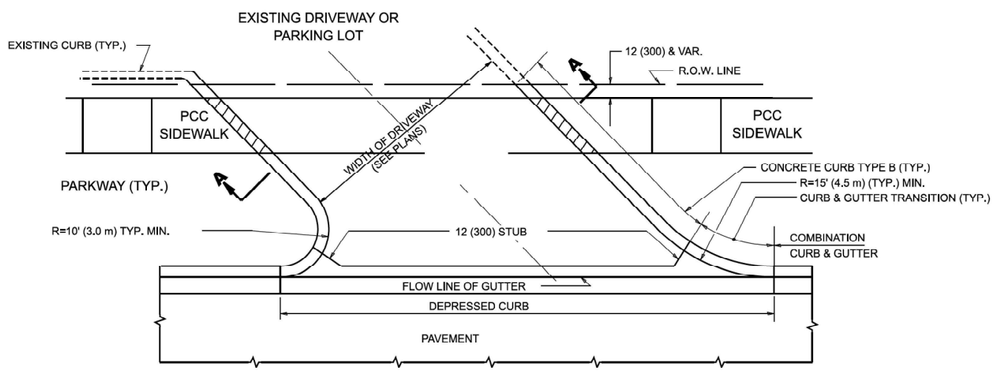
WITH CONCRETE CURB, TYPE B



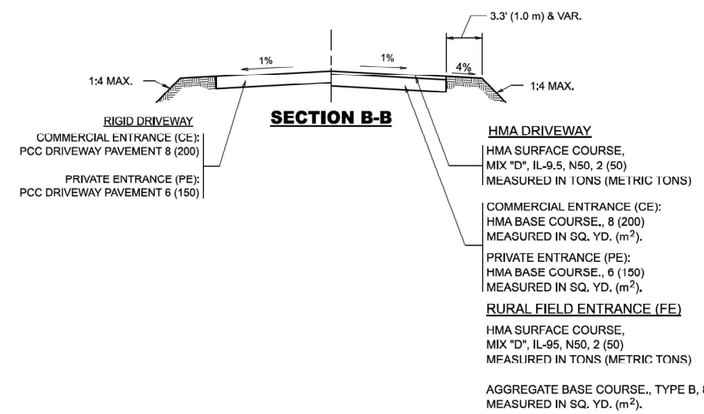
ADJACENT TO PCC / HMA SHOULDER

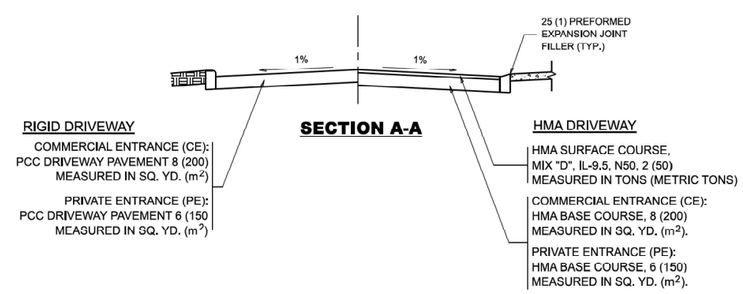


ADJACENT TO CURB AND GUTTER



WITH CONCRETE CURB, TYPE B





GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

MODEL: Plan Single [Sheet]
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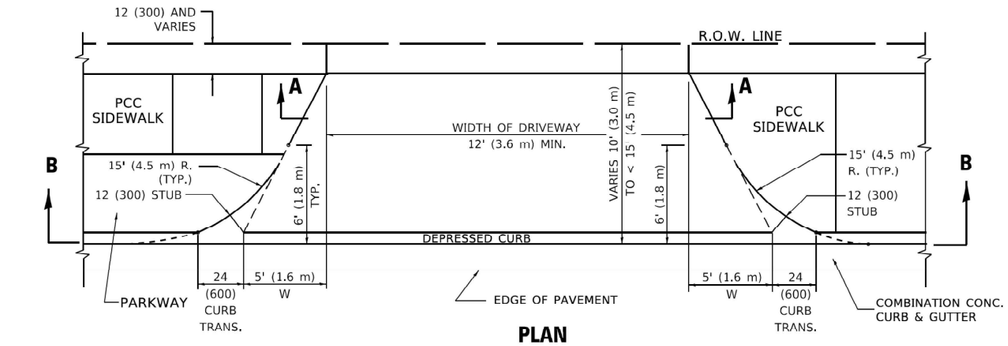
USER NAME = eric.l.thomas	DESIGNED - R. SHAH	REVISED - R. BORO 06-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >15'(4.5m)			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - R. BORO 09-06-11									000
PLOT SCALE = 0.08333317 ' / in.	CHECKED -	REVISED - K. SMITH 08-28-19						BD400-01 (BD-01)	CONTRACT NO.		
PLOT DATE = 8/30/2023	DATE - 11-04-95	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.		ILLINOIS	FED. AID PROJECT		

MODEL: BD01 - Sheet 1
FILE NAME: Z:\2023\232331 PTB210-002_VanPhillipsIncs\WO1_62P73-US12-RandRdtoL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

BD-01.dgn 11/26/2024 10:22:12 AM Thomas Shaun Lee

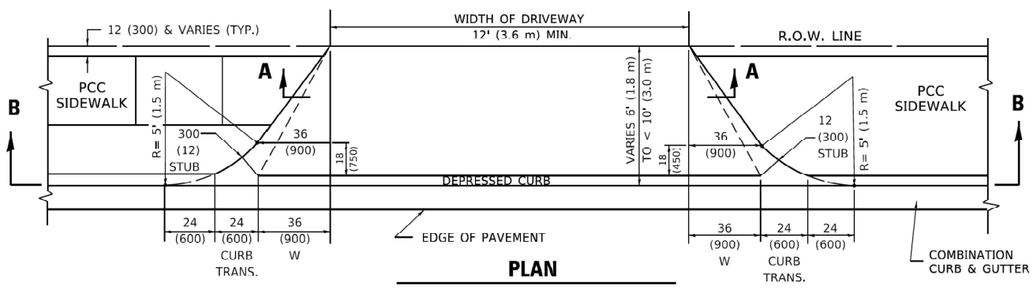
WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >15'(4.5m)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -					334	2024-1053-RS&N.SR.RS	LAKE	230	88
	CHECKED -	REVISED -						BD-01	CONTRACT NO. 62P73		
PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE:	SHEET 1 OF 13 SHEETS	STA. TO STA.		ILLINOIS	FED. AID PROJECT		



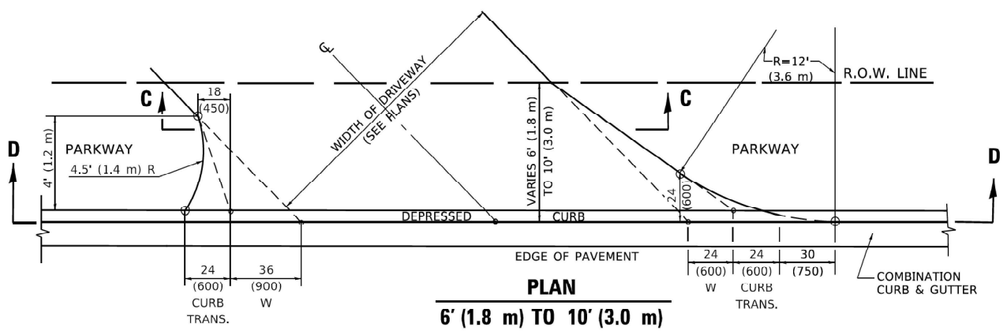
PLAN

10' (3.0 m) TO < 15' (4.5 m)



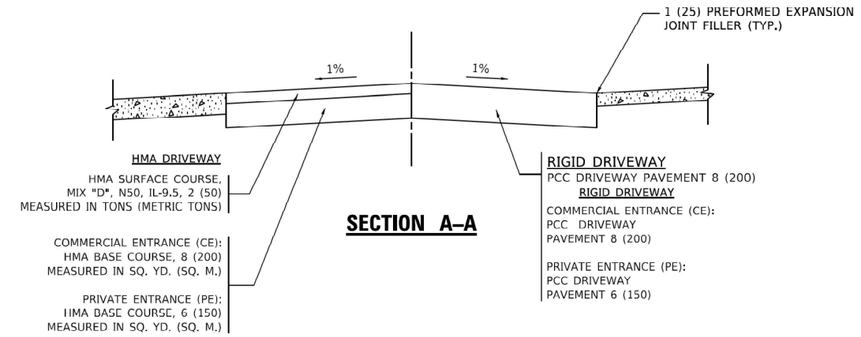
PLAN

6' (1.8 m) TO < 10' (3.0 m)

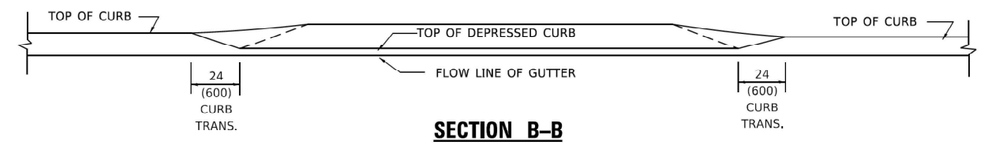


PLAN

6' (1.8 m) TO 10' (3.0 m)



SECTION A–A



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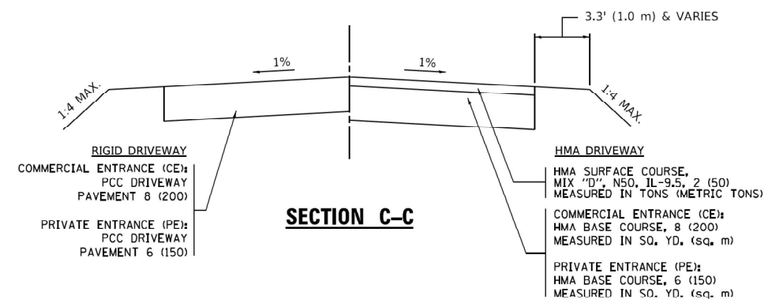
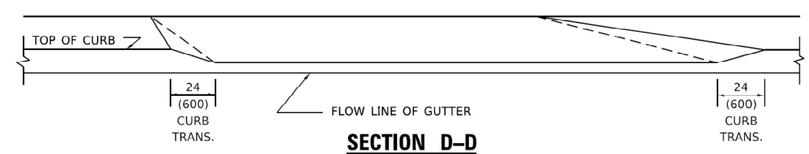


SECTION C–C



SECTION D–D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

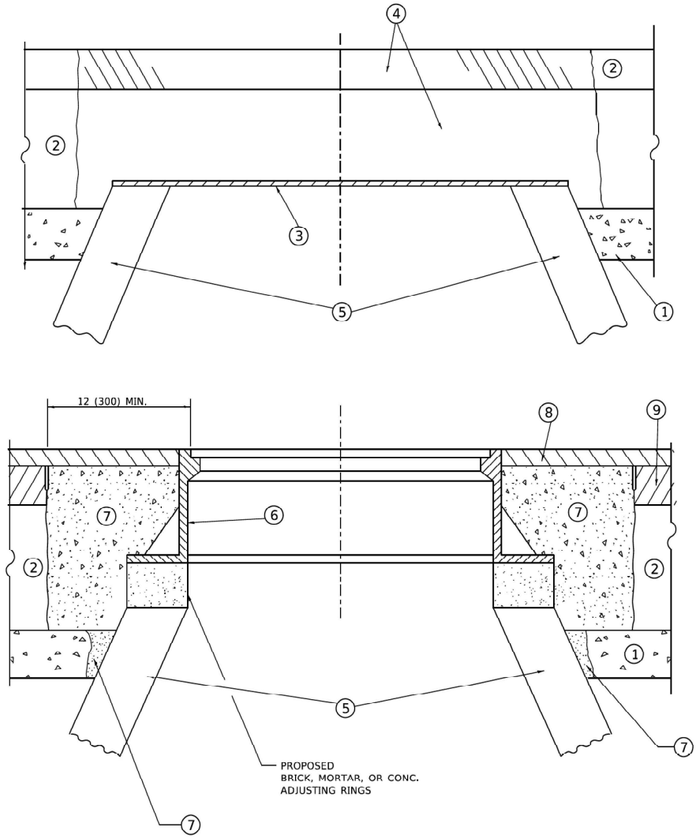
MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\Dist4\: 1\Projects\Dist5\d72x34\CADsites\bd02.dgn

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)	F.A. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN -	REVISED - R. BORO 09-06-11			
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19			BD400-02 (BD-02) / CONTRACT NO.
PLOT DATE = 11/18/2022	DATE - 11-06-95	REVISED - K. SMITH 11-18-22		SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. / TO STA.	ILLINOIS / FED. AID PROJECT

MODEL: BD02 - Sheet 2
FILE NAME: Z:\2023\232331 PTB210-002 \VarPhil\Projects\WO1 62P73-US12-RandRdoIL59\09-CADD\3 Sheets\D162P73-sht-details.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15'(4.5m)	F.A.P. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN -	REVISED -			334 / 2024-1053-RS&N.SR.RS / LAKE / 230 / 89
	CHECKED -	REVISED -			BD-02 / CONTRACT NO. 62P73
PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: / SHEET 2 OF 13 SHEETS / STA. / TO STA.	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

MODEL: Default
FILE NAME: W:\dfltsyd\22x34bd08.dgn

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - R. BORO 12-06-11	
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.
BD600-03 (BD-08)		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MODEL: BD08 - Sheet 2a
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdofIL59\05-CADD\3_Sheets\D162P73-sht-details.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

SCALE: | SHEET 3 OF 13 SHEETS | STA. TO STA.

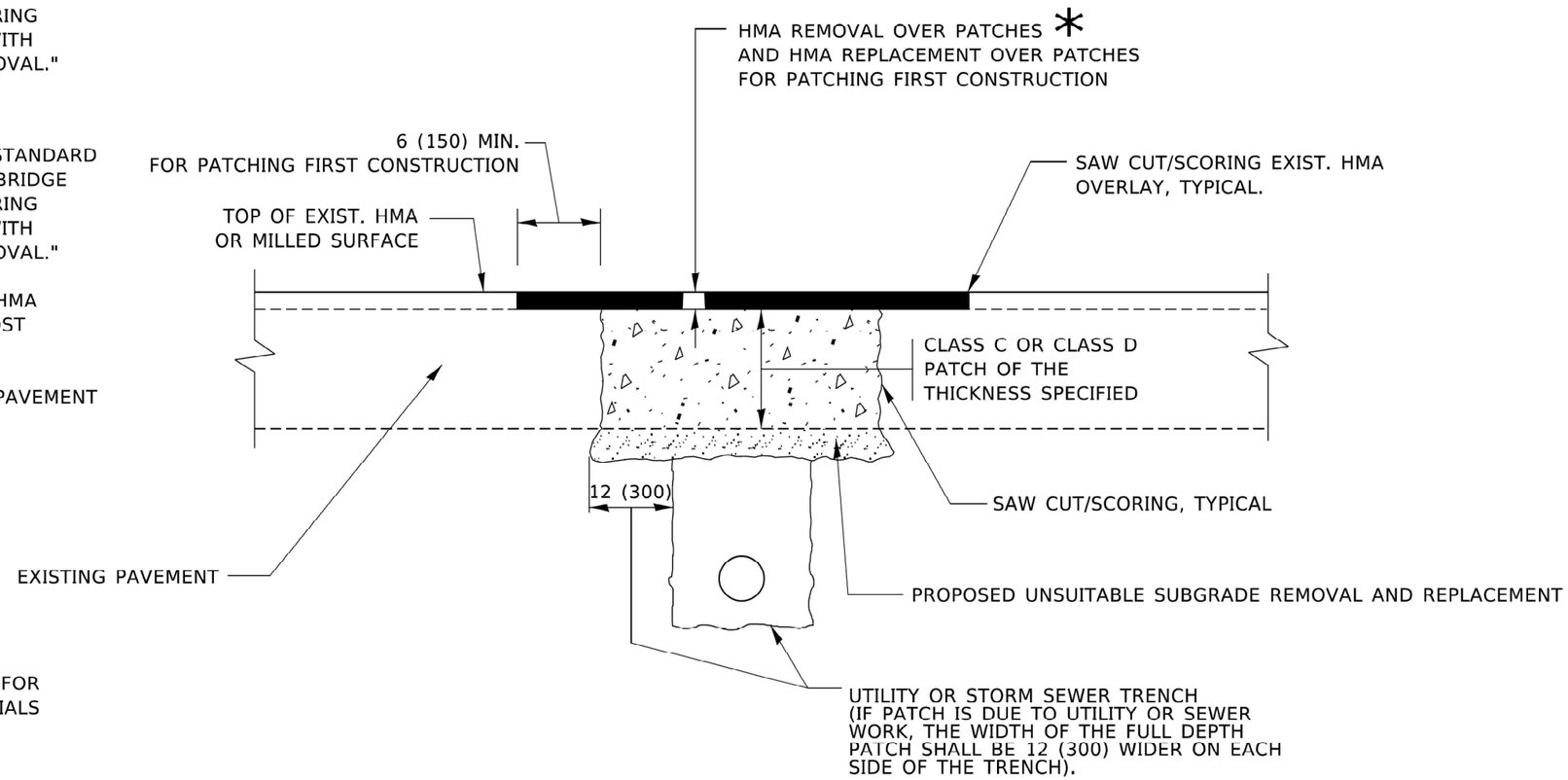
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	90
BD-08		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		

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.

MODEL: Default
FILE NAME: pw:\\bbs-pw.bentley.com:PWIDOT\Documents\IDOT Offices\Dist\Rt. 1\Projects\Rt.5\d72x34\CAD\sta\CAD\sheets\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		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - R. BORO 09-04-07								
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08					BD400-04 (BD-22)	CONTRACT NO.		
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.			ILLINOIS FED. AID PROJECT		

MODEL: BD22 - Sheet 2b
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

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116 WEST MAIN STREET
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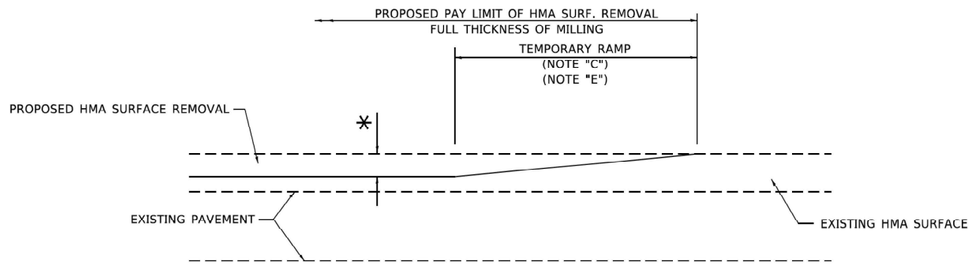
ST. CHARLES, IL 60174
(630) 443-7755

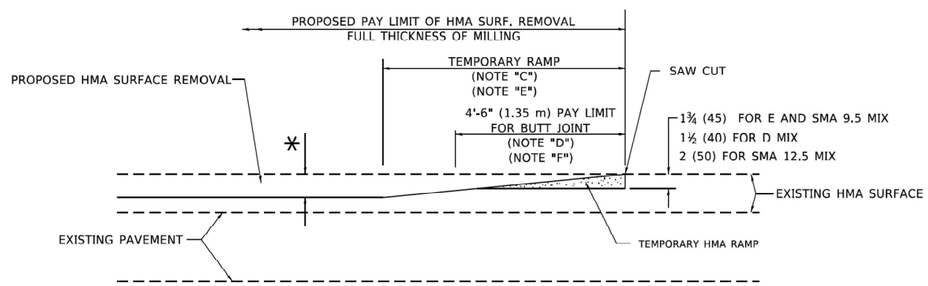
USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -				334	2024-1053-RS&N.SR.RS	LAKE	230	91
	CHECKED -	REVISED -					BD-22	CONTRACT NO. 62P73		
PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE:	SHEET 4 OF 13 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

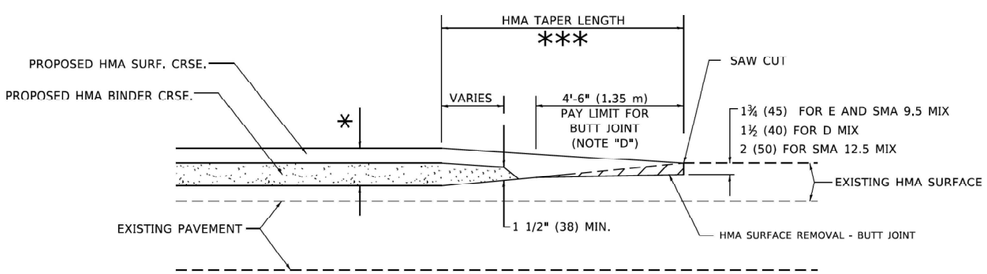


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

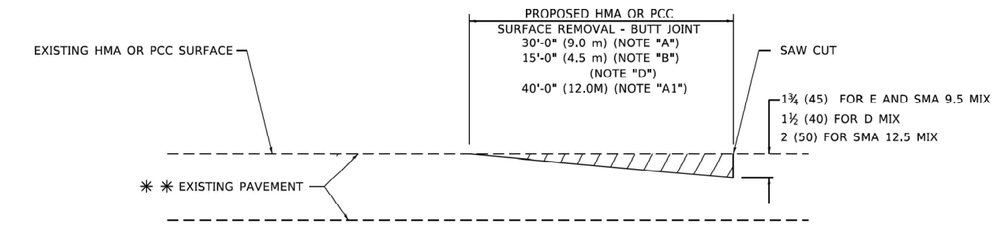
OPTION 2

TYPICAL TEMPORARY RAMP

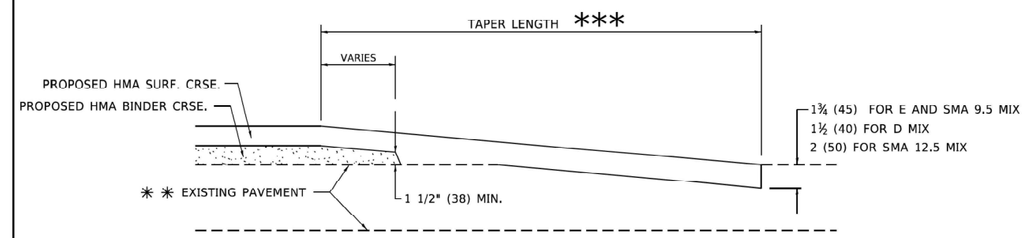


BUTT JOINT AND HMA TAPER

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.

MODEL: Default
FILE NAME: pw:\\ildot-pw.bentley.com:PWIDOT\Documents\IDOT Offices\Dekalb - 1\Projects\Ds-S\d22x34\CADsheets\bd32.dgn

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

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.
BD400-05	BD-32	CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MODEL: BD32 - Sheet 3
FILE NAME: Z:\2023\232331 PTB210-002 \VarPhil\Projects\WO1 62P73-US12-RandRdoIL59\09-CADD\3 Sheets\D162P73-sht-details.dgn

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USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

BUTT JOINT AND HMA TAPER DETAILS

SCALE: | SHEET 5 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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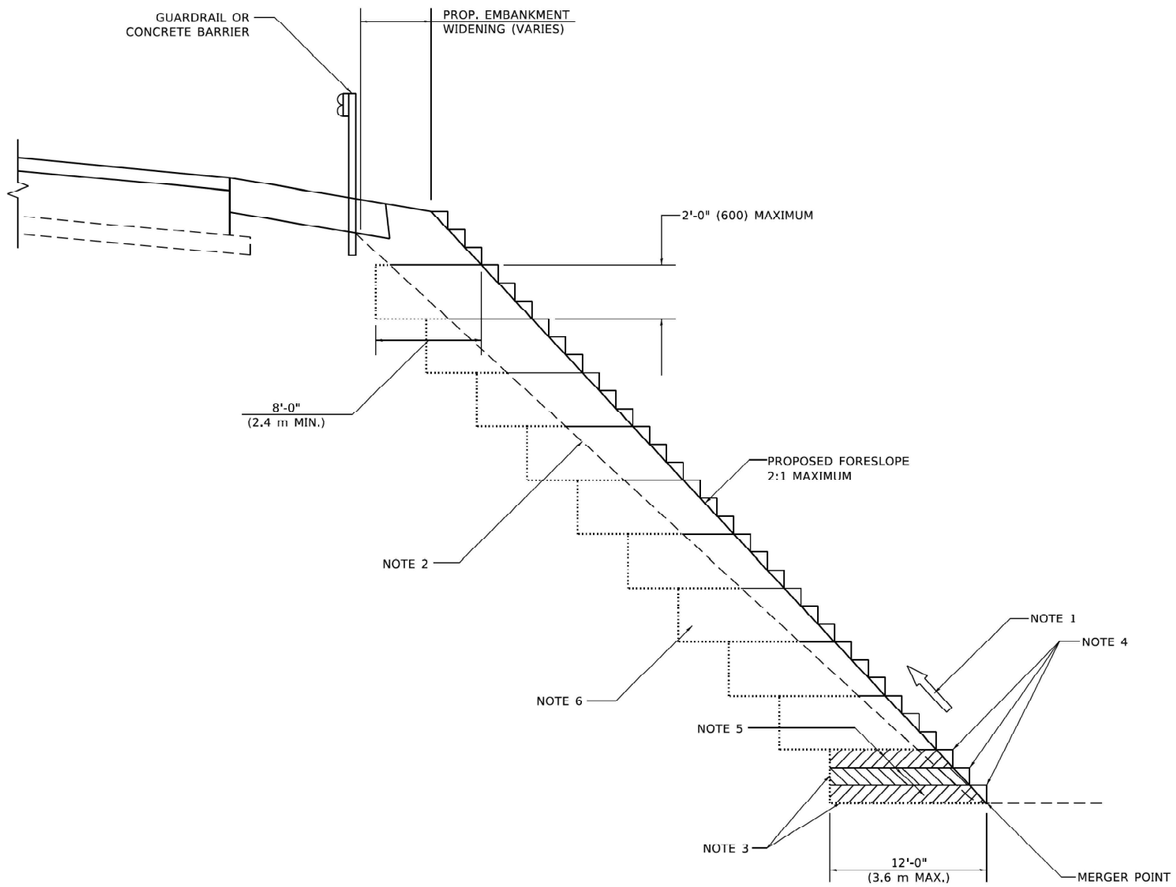
BD-32		CONTRACT NO. 62P73		
	ILLINOIS	FED. AID PROJECT		



TYPICAL BENCHING DETAIL FOR EMBANKMENT

GENERAL NOTES

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.

BASIS OF PAYMENT

1. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

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

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USER NAME = Lawrence.DeManche	DESIGNED -	REVISED - K. SMITH 11-18-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCHING DETAIL FOR EMBANKMENT WIDENING	F.A. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN - CADD	REVISED -			BD-51 / CONTRACT NO.
PLOT SCALE = 100.0000 ' / in.	CHECKED - S.E.B.	REVISED -		SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. TO STA.	ILLINOIS / FED. AID PROJECT
PLOT DATE = 11/18/2022	DATE - 06-16-04	REVISED -			

MODEL: BD51 - Sheet 3a
FILE NAME: Z:\2023\232331 PTB210-002_VarPhi\Projects\WO1_62P73-US12-RandRd\IL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

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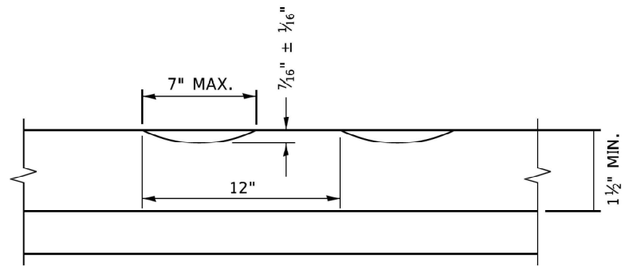
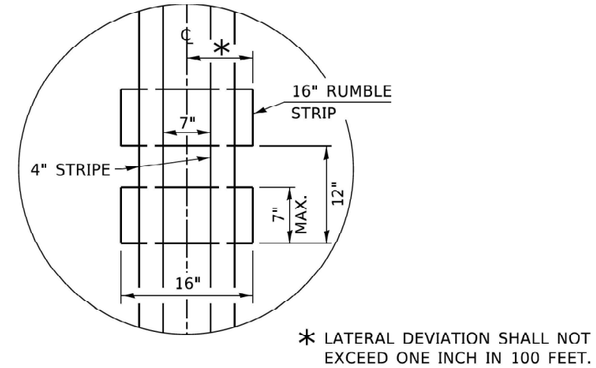
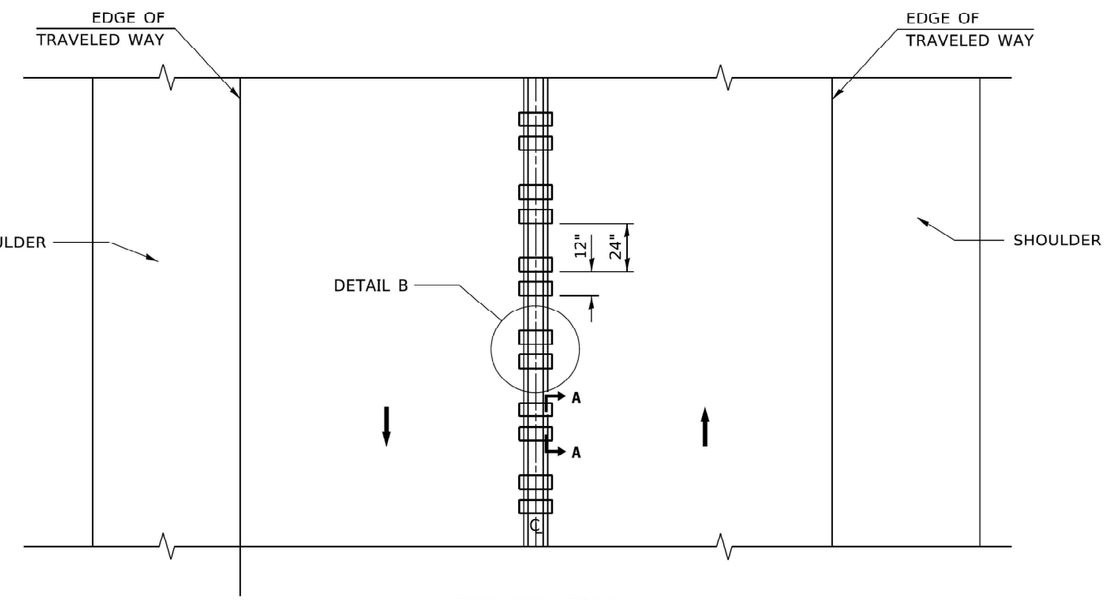
USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BENCH DETAILING FOR EMBANKMENT WIDENING	F.A.P. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN -	REVISED -			334 / 2024-1053-RS&N.SR.RS / LAKE / 230 / 92A
	CHECKED -	REVISED -			BD-51 / CONTRACT NO. 62P73
PLOT DATE = 4/3/2025	DATE -	REVISED -		SCALE: / SHEET 5A OF 13 SHEETS / STA. TO STA.	ILLINOIS / FED. AID PROJECT



SECTION A–A



DETAIL B



TWO–WAY ROAD

GENERAL NOTES

1. CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.
2. SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS.
3. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.
4. ALL RUMBLE STRIPS SHALL BE MILLED.
5. CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.
6. DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.
7. AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEPT CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.
8. WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

1. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.
2. HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.

MODEL: Default
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USER NAME = Lawrence,DeManche	DESIGNED - R. BORO	REVISED - K. SMITH 11-18-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUMBLE STRIPS FOR CENTERLINE, NON–FREEWAY	F.A. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN -	REVISED -			BD–55 / CONTRACT NO.
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. TO STA.	ILLINOIS / FED. AID PROJECT
PLOT DATE = 11/18/2022	DATE - 08-06-2012	REVISED -			

MODEL: BD55 - Sheet 3a
FILE NAME: Z:\2023\23231 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

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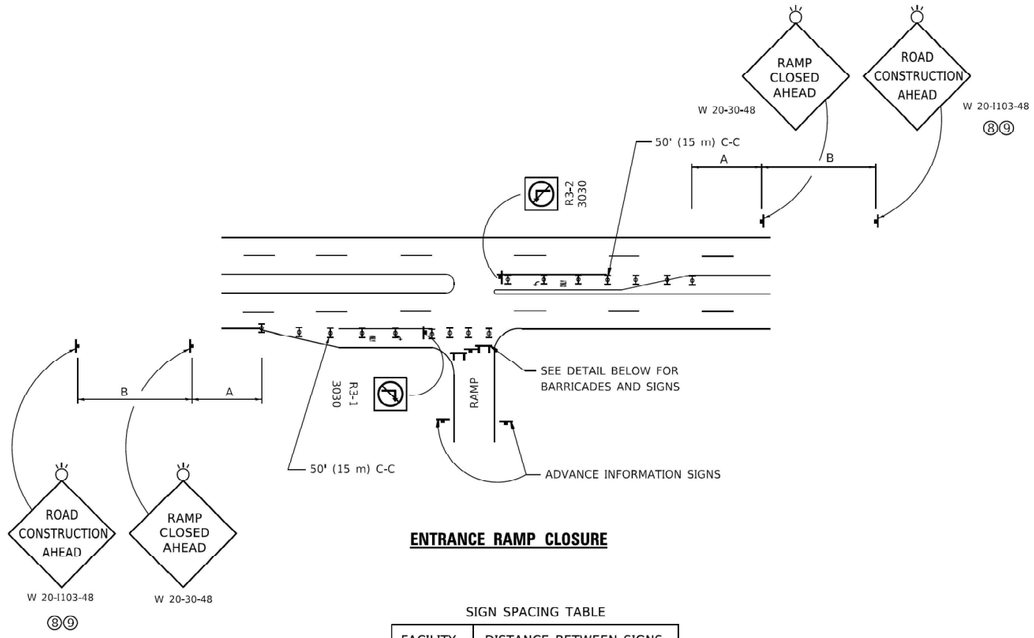
USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY	F.A.P. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN -	REVISED -			334 / 2024-1053-RS&N.SR.RS / LAKE / 230 / 93
	CHECKED -	REVISED -			BD-32 / CONTRACT NO. 62P73
PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: / SHEET 6 OF 13 SHEETS / STA. TO STA.	ILLINOIS / FED. AID PROJECT

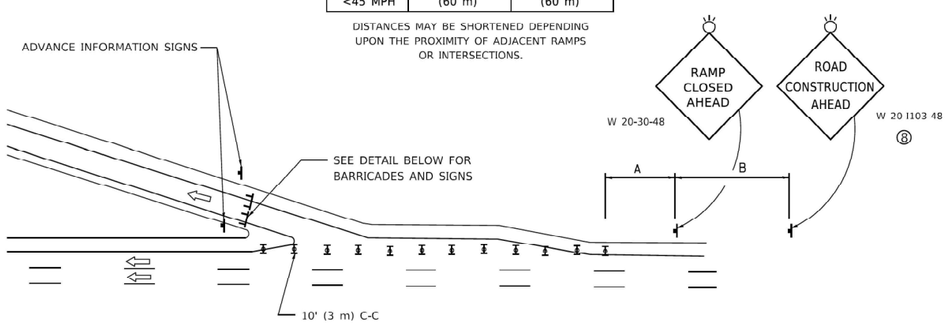


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS A	DISTANCE BETWEEN SIGNS B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.

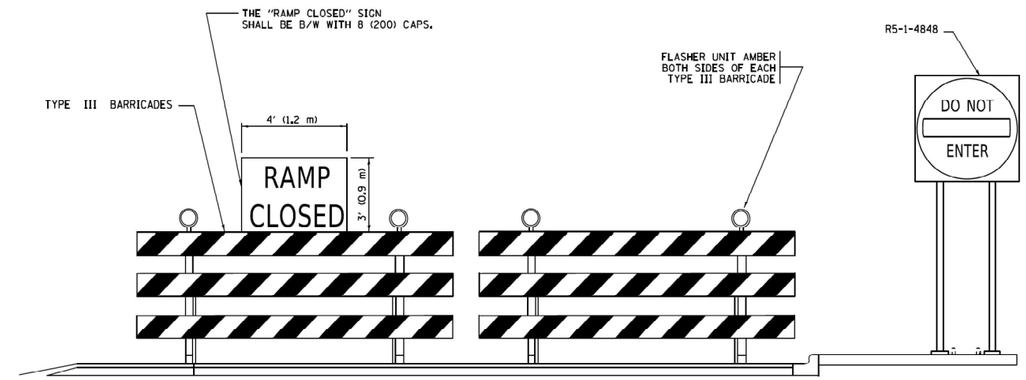


EXIT RAMP CLOSURE

SYMBOLS

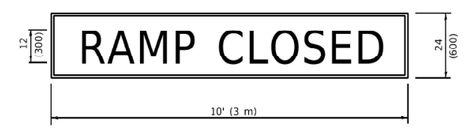
TYPE II BARRICADE OR DRUM

TYPE III BARRICADE WITH 2 FLASHING LIGHTS



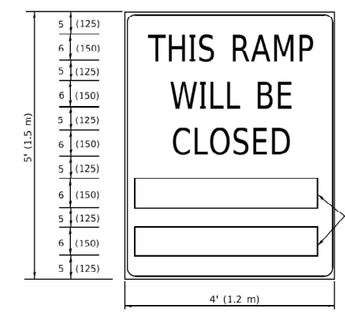
DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER
THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND

½ (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

1. CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
2. VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
3. A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEEDED BY A W20-7 FLAGGER WARNING SIGN.
4. ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
5. THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
7. THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH
8. ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
9. ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

MODEL: Default
FILE NAME: pw:\\bdc-pw.bentley.com:PW\DOT\Documents\IDOT Offices\District 1\Projects\D1K-5\d72x34\CAD\Sheets\tc08.dgn

USER NAME = Lawrence.DeManche	DESIGNED - D.W.S.	REVISED - S.P.B. 12-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED - M.D. 06-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M.D. 01-18	
PLOT DATE = 5/3/2024	DATE - 02-83	REVISED - D.S. 05-24	

ENTRANCE_AND_EXIT_RAMP CLOSURE_DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-08	CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

MODEL: TC08 - Sheet 4
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdofIL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

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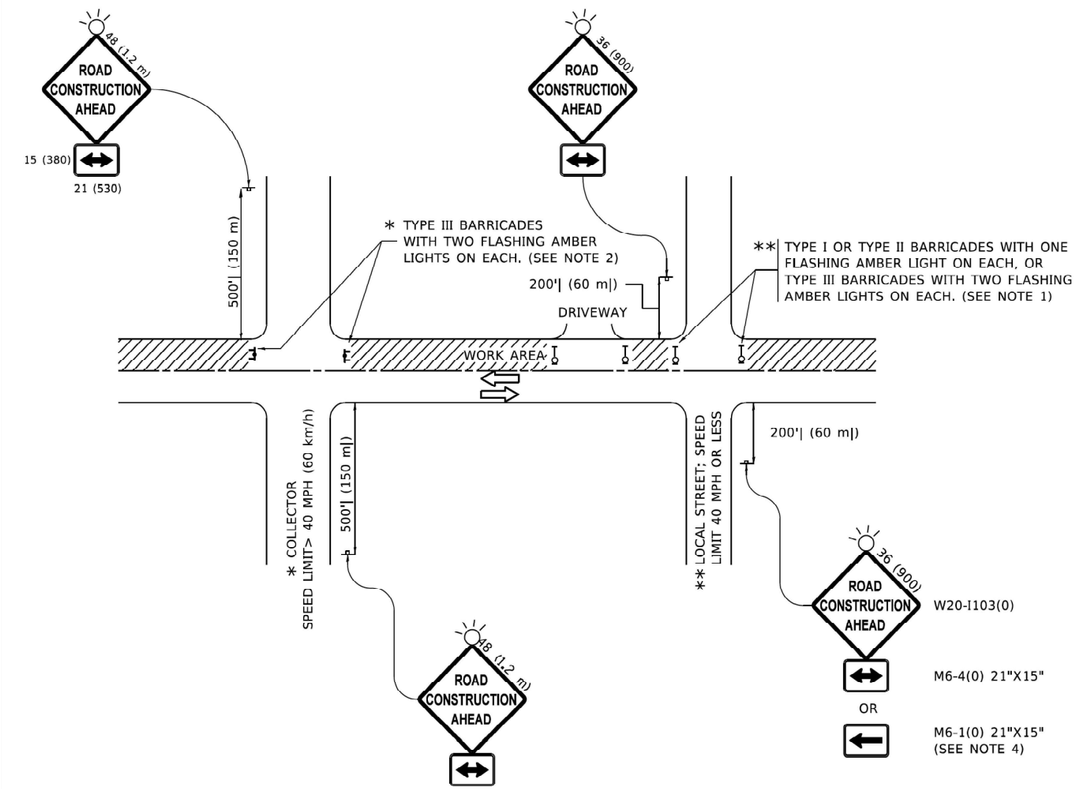
USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

ENTRANCE AND EXIT RAMP CLOSURE DETAILS

SCALE: | SHEET 7 OF 13 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	94
	TC-08	CONTRACT NO. 62P73		
	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.

MODEL: TC10 - Sheet 5
FILE NAME: Z:\2023\232331 PTB210-002_VarPhillProjects\WO1_62P73-US12-RandRdoIL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

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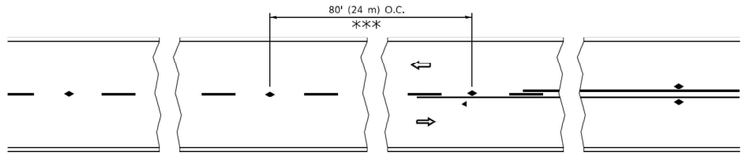
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: | SHEET 8 OF 13 SHEETS | STA. | TO STA.

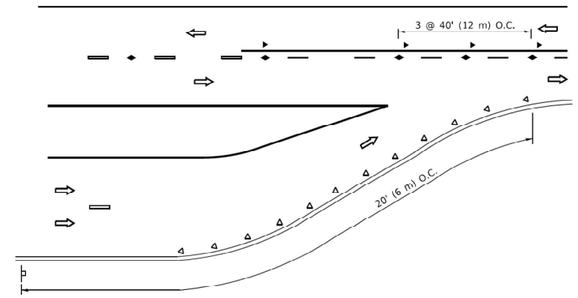
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	95
	TC-10	CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	



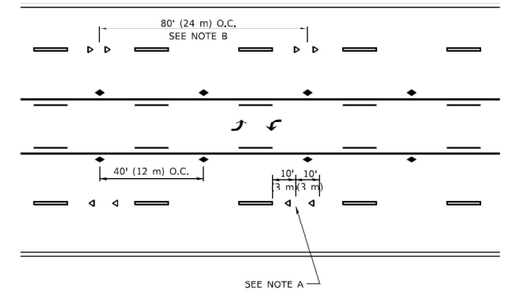
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

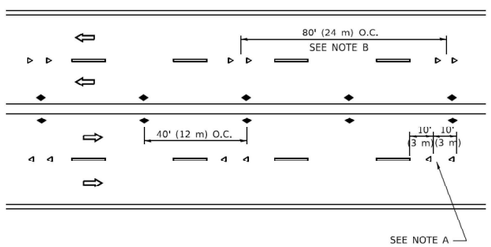
SEE FIGURE 3B-14 MUTCD



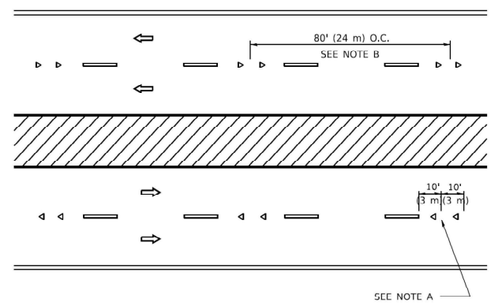
LANE REDUCTION TRANSITION



TWO–WAY LEFT TURN



MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

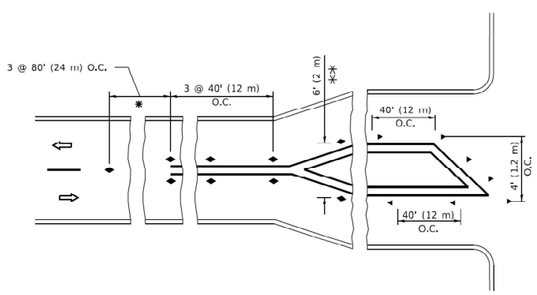
LANE MARKER NOTES

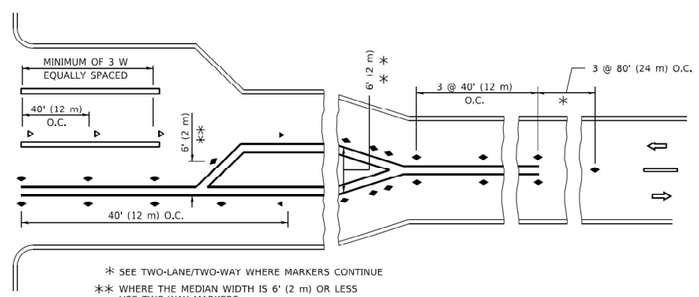
A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

MODEL: Default
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00			
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09			TC–11 / CONTRACT NO.
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13		SCALE: NONE / SHEET 1 OF 1 SHEETS / STA. / TO STA.	ILLINOIS / FED. AID PROJECT

MODEL: TC11 - Sheet 6
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdtoIL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

tc11.dgn 3/4/2019 10:28:08 AM (KenCortopassi)

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ST. CHARLES, IL 60174
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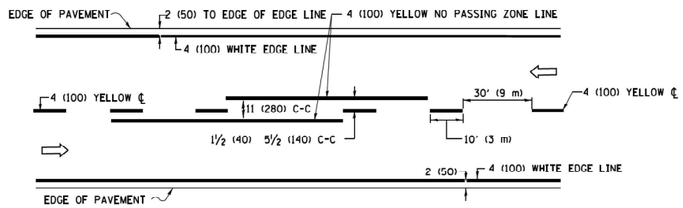
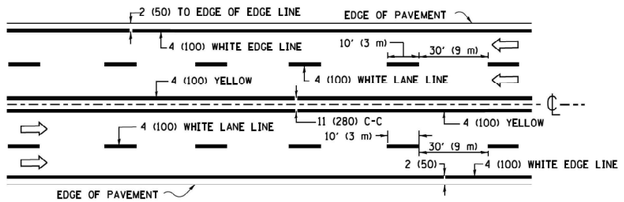
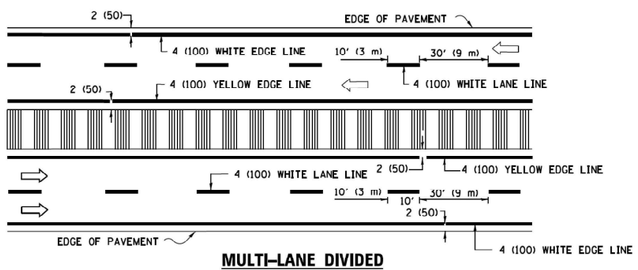
USER NAME = KenCortopassi	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	F.A.P. RTE. / SECTION / COUNTY / TOTAL SHEETS / SHEET NO.
	DRAWN -	REVISED -			334 / 2024-1053-RS&N.SR.RS / LAKE / 230 / 96
	CHECKED -	REVISED -			TC-11 / CONTRACT NO. 62P73
PLOT DATE = 3/24/2025	DATE -	REVISED -		SCALE: / SHEET 9 OF 13 SHEETS / STA. / TO STA.	ILLINOIS / FED. AID PROJECT



2–LANE ROADWAY

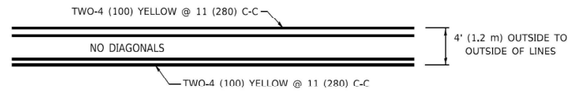


MULTI–LANE UNDIVIDED

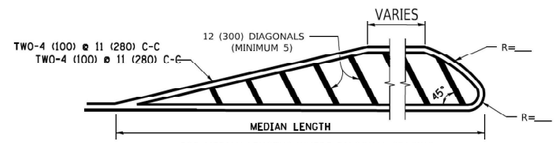


MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



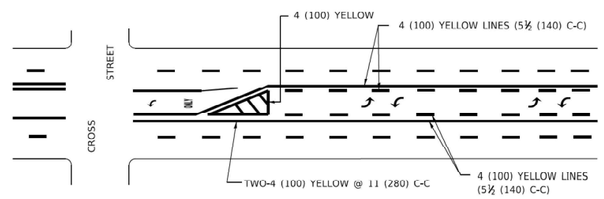
4' (1.2 m) WIDE MEDIANS ONLY



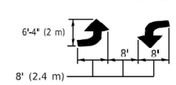
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

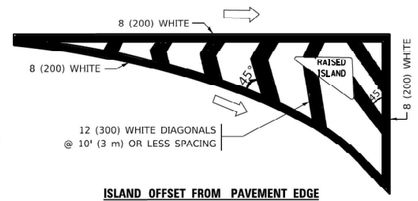


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

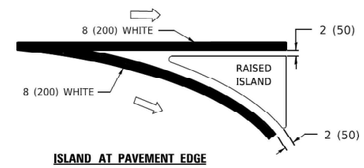


MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

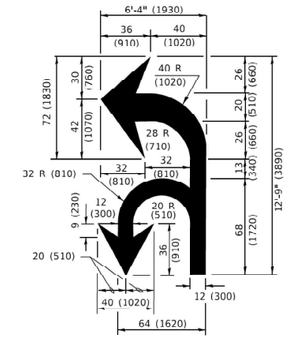


ISLAND OFFSET FROM PAVEMENT EDGE

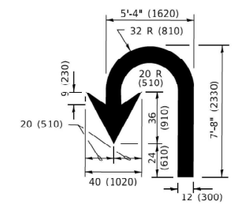


ISLAND AT PAVEMENT EDGE

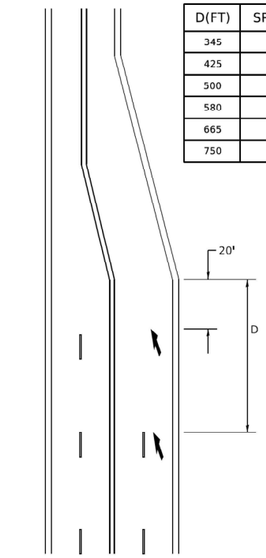
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



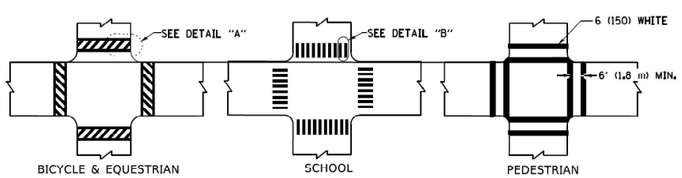
U–TURN

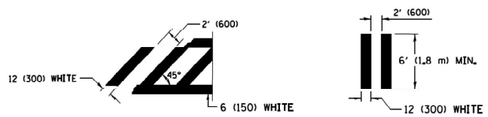


D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

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

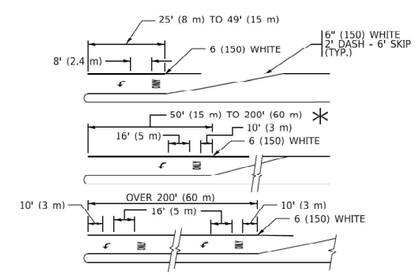




DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



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

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: TC13 - Sheet 7
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdoIL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

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	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: SHEET 10 OF 13 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	97
	TC-13	CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

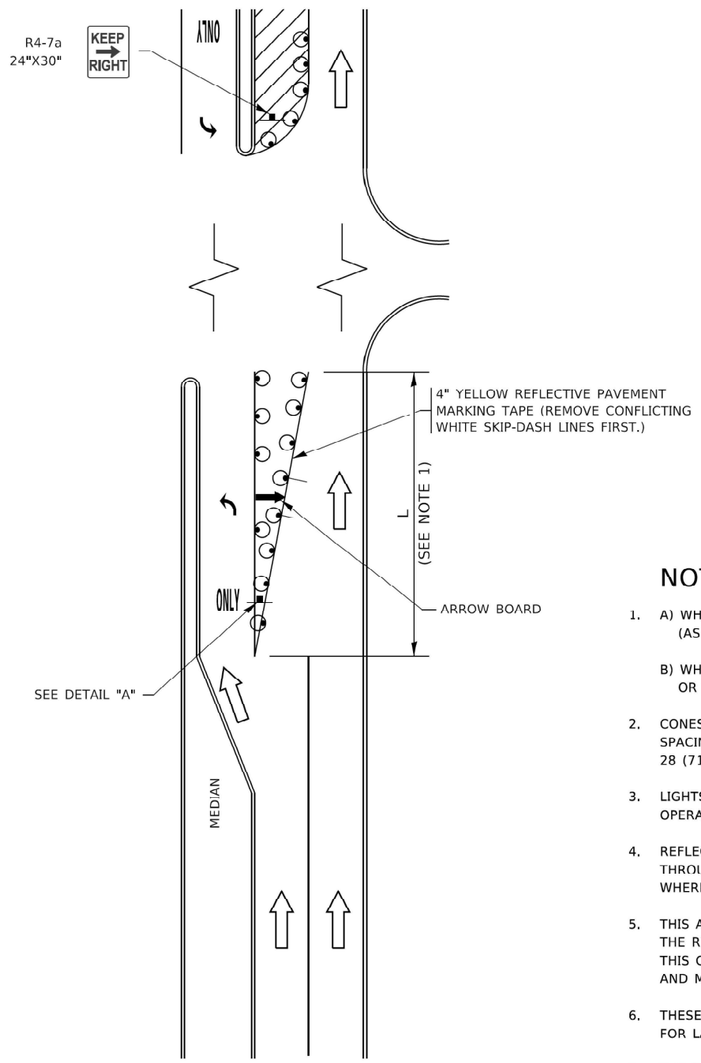


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

2. 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.

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

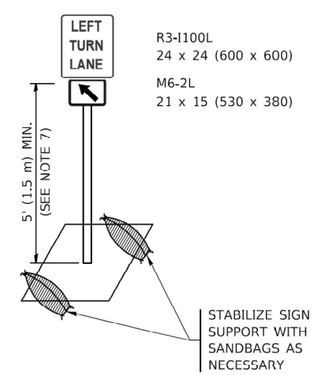
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

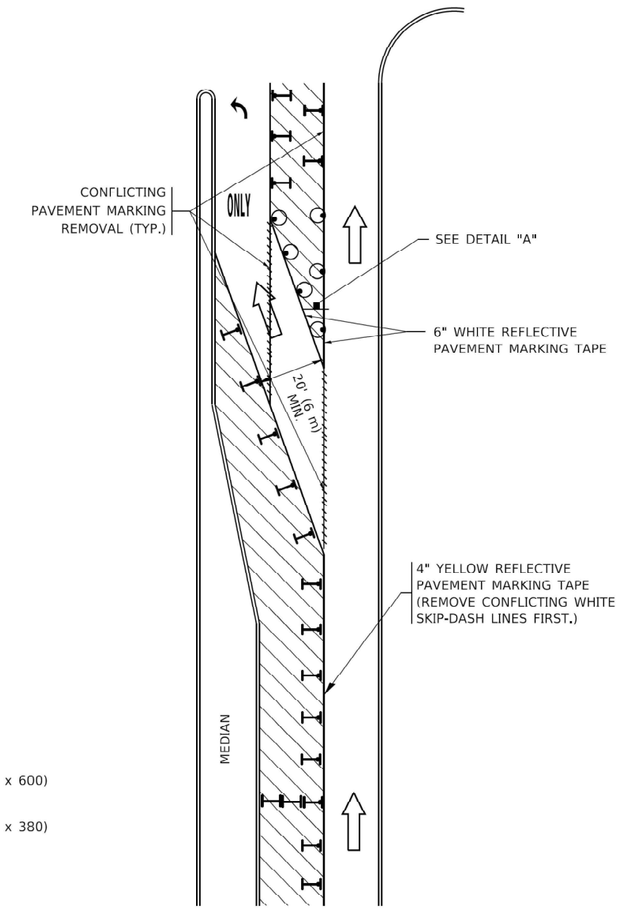


FIGURE 2

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

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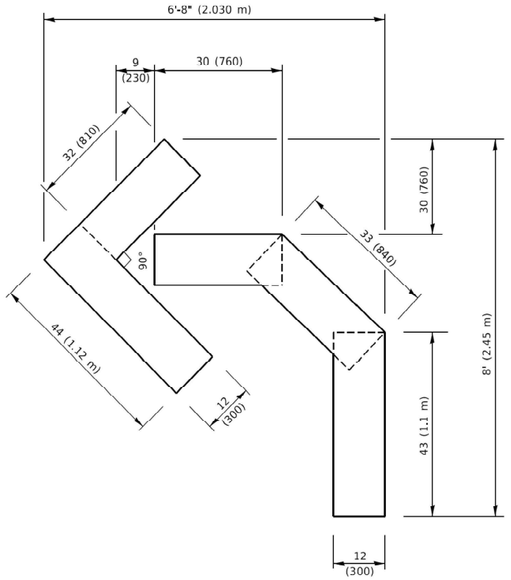
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

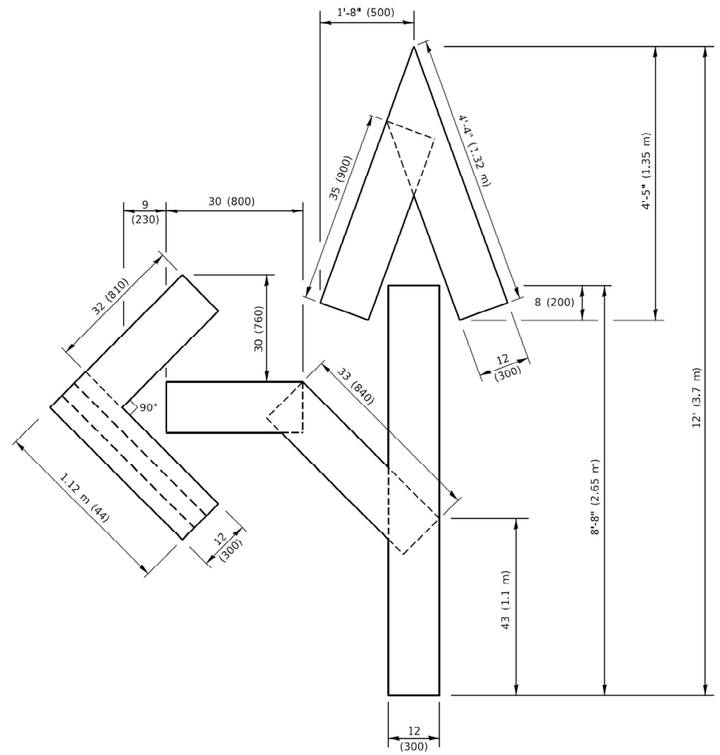
SCALE: | SHEET 11 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	98
	TC-14	CONTRACT NO. 62P73		
		ILLINOIS FED. AID PROJECT		



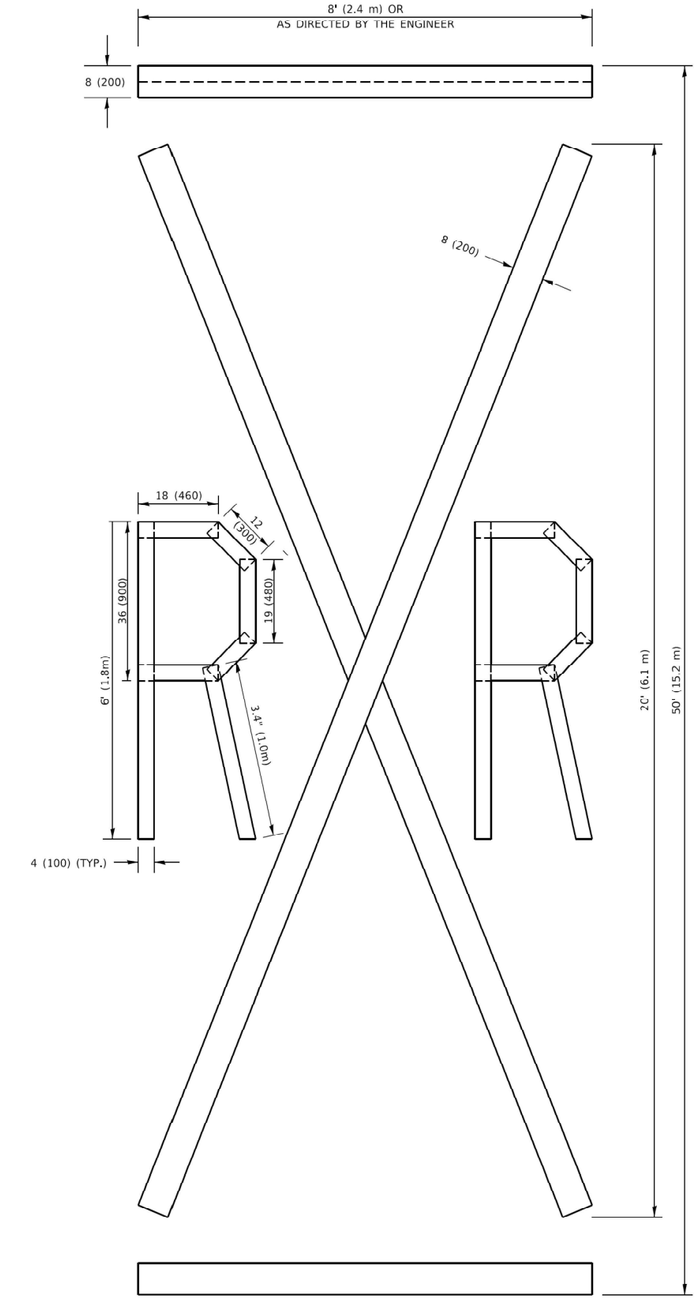
QUANTITY

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



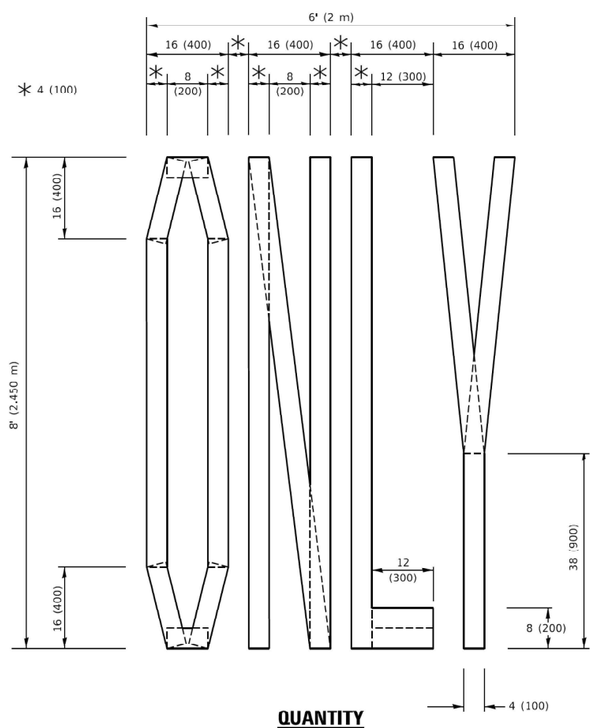
QUANTITY

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



QUANTITY

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



QUANTITY

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

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

MODEL: TC16 - Sheet 9
FILE NAME: Z:\2023\232331 PTB210-002_VarPhilProjects\WO1_62P73-US12-RandRdoIL59\09-CADD\3_Sheets\D162P73-sht-details.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

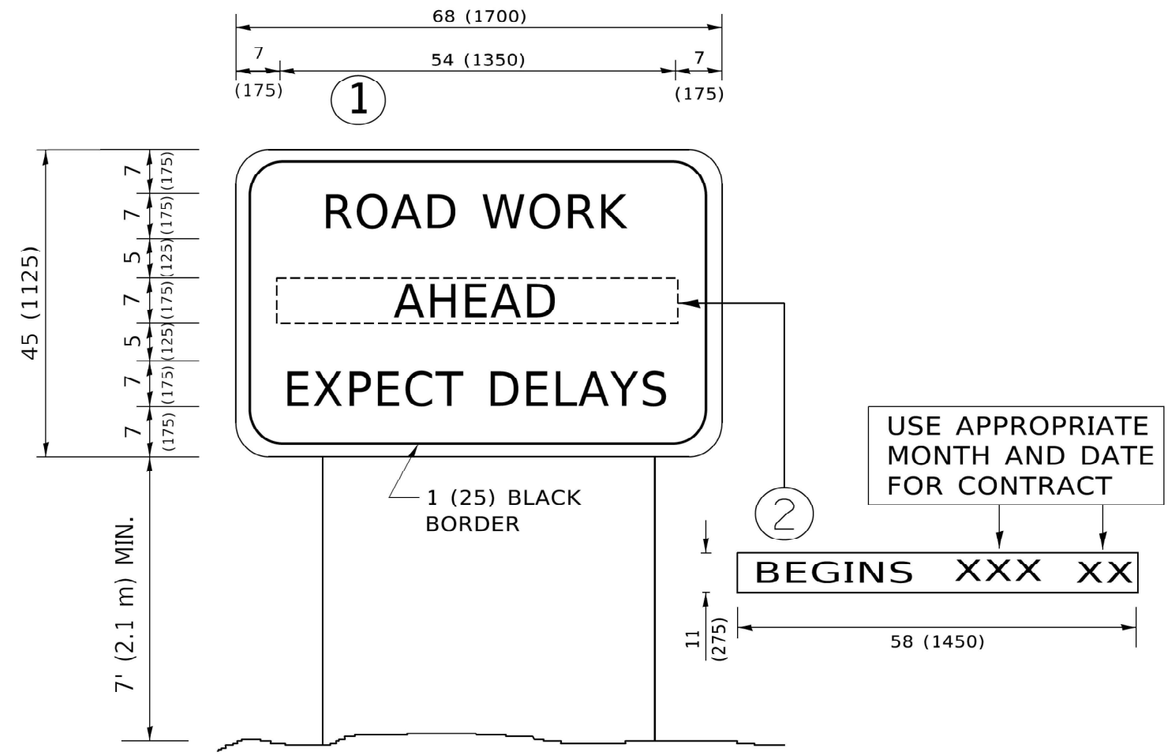
USER NAME = KenCortopassi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: | SHEET 12 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	99
	TC-16	CONTRACT NO. 62P73		
	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.

MODEL: TC22 - Sheet 10
FILE NAME: Z:\2023\232331 PTB210-002_VarPhillFrojects\WO1_62P73-US12-RandRdoIL59\05-CADD\3_Sheets\D162P73-sht-details.dgn

WBK ENGINEERING
116 WEST MAIN STREET
SUITE 201
ST. CHARLES, IL 60174
(630) 443-7755

USER NAME = KenCortopassi	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 3/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

SCALE: | SHEET 13 OF 13 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	2024-1053-RS&N.SR.RS	LAKE	230	100
	TC-22	CONTRACT NO. 62P73		
		ILLINOIS	FED. AID PROJECT	