

03-08-2024 LETTING ITEM 070

SEE SHEET 2 FOR INDEX OF SHEETS AND LIST OF ILLINOIS DOT HIGHWAY STANDARDS
ADT = 3,212 (2023)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

FAP ROUTE 328 (US 45)
SECTION (4,5)RS-2
PROJECT NHPP-WHUW(644)
DESIGNED OVERLAY
CLAY COUNTY

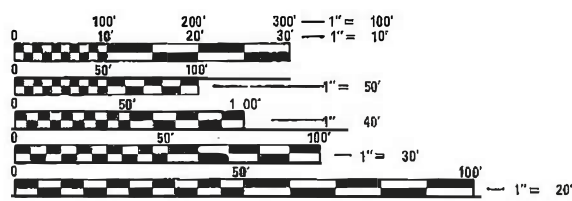
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	1
		ILLINOIS	CONTRACT NO. 74B88	

D-97-032-23



STATION EQUATION:
STA 1115 + 51.02 BK TO STA 1116 + 02.92 AH

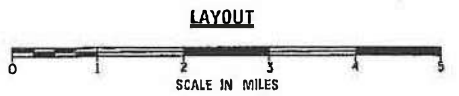
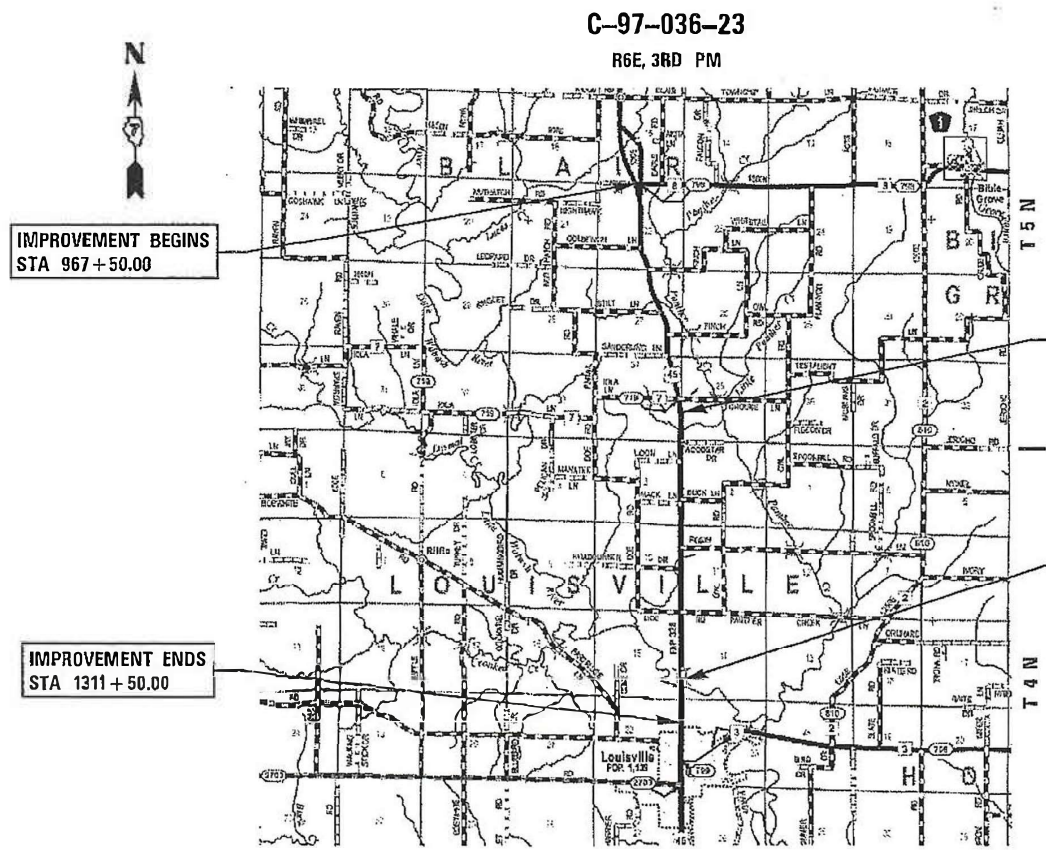
BRIDGE OMISSIONS:
STA 1277 + 46.98 TO STA 1284 + 82.78 (SN 013-0010)



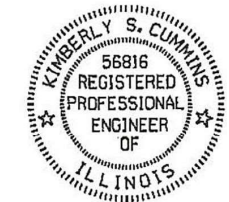
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DISTRICT 7 NO. - (217) 342-8243
PROJECT ENGINEER - BRIAN LEWIS
PROJECT MANAGER - BRIAN LEWIS
CONTRACT NO. 74B88



GROSS LENGTH = 34,400 FT = 6.515 MI
NET LENGTH = 33,612 FT = 6.366 MI



[Signature] 12/18/23
ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/25)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 18 2023
Jeffrey P. Myrtle
REGIONAL ENGINEER

February 2, 2024
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2024
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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- 31 INLAY / OVERLAY TRANSITION DETAIL
- 32 PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER APPLICATIONS (RURAL AND URBAN APPLICATIONS)

SUGGESTED ORDER OF OPERATIONS

- 1. PAVEMENT PATCHING - CLASS D
- 2. PAVED SHOULDER REMOVAL / HMA SHOULDERS, 8"
- 3. HMA SURFACE REMOVAL
- 4. TACK COAT / BINDER COURSE
- 5. LONGITUDINAL JOINT SEALANT
- 6. TACK COAT / SURFACE COURSE
- 7. AGGREGATE SHOULDER, TYPE B; STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINAL REMOVAL AND INSTALLATION
- 8. HMA AND PCC DRIVEWAY REMOVAL; HMA AND PCC DRIVEWAY PAVEMENT
- 9. PAINT PAVEMENT MARKINGS, RAISED REFLECTIVE PAVEMENT MARKERS
- 10. SHOULDER RUMBLE STRIPS

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
442101-09	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
630001-13	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY FROM PAVEMENT EDGE
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-09	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

- 1. ALL SAWCUTTING FOR PAVED SHOULDER REMOVAL AND PAVEMENT REMOVAL SHALL BE CONSIDERED INCLUDED IN THE COST OF PAVED SHOULDER REMOVAL OR PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 2. THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
- 3. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- 4. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS AND PREVENT DRAINAGE FROM PONDING OF WATER ONTO PRIVATE PROPERTY.
- 5. ANY EXCAVATION FOR PLACING OF HMA SHOULDERS, 8" SHALL BE INCLUDED IN THE COST OF SHOULDERS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 6. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS OR OTHERWISE REFERENCE THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.
- 7. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	MIXTURE USE	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT	SUBLOT SIZE	MATERIAL TRANSFER DEVICE REQUIRED?
MAINLINE	HMA SURFACE COURSE, IL-9.5, MIX "C", N70	PG 64-22	4.0% @ N=70	IL-9.5	MIX C	PFP	1,000	NO
MAINLINE	HMA BINDER COURSE, IL-9.5 FG, N70	PG 64-22	4.0% @ N=70	IL-9.5FG	N/A	PFP	1,000	NO
SHOULDER	HMA SHOULDERS, 8" (TOP LIFT)	PG 64-22	4.0% @ N=70	IL-9.5	MIX C	QC/QA	3,000	NO
SHOULDER	HMA SHOULDERS, 8" (BOTTOM LIFTS)	PG 64-22	4.0% @ N=70	IL-19.0	N/A	QC/QA	3,000	NO
PATCHING	HMA BINDER COURSE, IL-19.0, N70	PG 64-22	4.0% @ N=70	IL-19.0	N/A	QC/QA	3,000	NO

APPLICATION RATES USED IN QUANTITY CALCULATIONS

AGGREGATE	2.05 TONS/CU YD
BITUMINOUS MATERIALS (TACK COAT) - ON MILLED HMA	0.050 LB/SQ FT
BITUMINOUS MATERIALS (TACK COAT) - ON NEW HMA	0.025 LB/SQ FT
LONGITUDINAL JOINT SEALANT	1.80 LB/FT
HOT-MIX ASPHALT	112 LB/SQ YD / 1" THICKNESS

COMMITMENTS

NONE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS,
AND GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	2
CONTRACT NO. 74B88			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES

80% FED
20% STATE
0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	8
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	77,396
40600370	LONGITUDINAL JOINT SEALANT	FOOT	33,613
40600990	TEMPORARY RAMP	SQ YD	130
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	11,356
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, "MIX C", N70	TON	12,944
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	112,403
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	3,164
44004250	PAVED SHOULDER REMOVAL	SQ YD	2,944
44200180	PAVEMENT PATCHING, TYPE II, 15 INCH	SQ YD	38
44200184	PAVEMENT PATCHING, TYPE III, 15 INCH	SQ YD	59
44200186	PAVEMENT PATCHING, TYPE IV, 15 INCH	SQ YD	161
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	2,410
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	2,944
* 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	225.0
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

80% FED
20% STATE
0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
63200310	GUARDRAIL REMOVAL	FOOT	550.0
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	60,311
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	86,335
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	425
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	16
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	425
X4060995	TEMPORARY RAMP (SPECIAL)	SQ YD	900
X4080052	INCIDENTAL HOT-MIX ASPHALT SURFACING (SPECIAL)	TON	341
X4400102	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	3,248
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	34

* SPECIALTY ITEM

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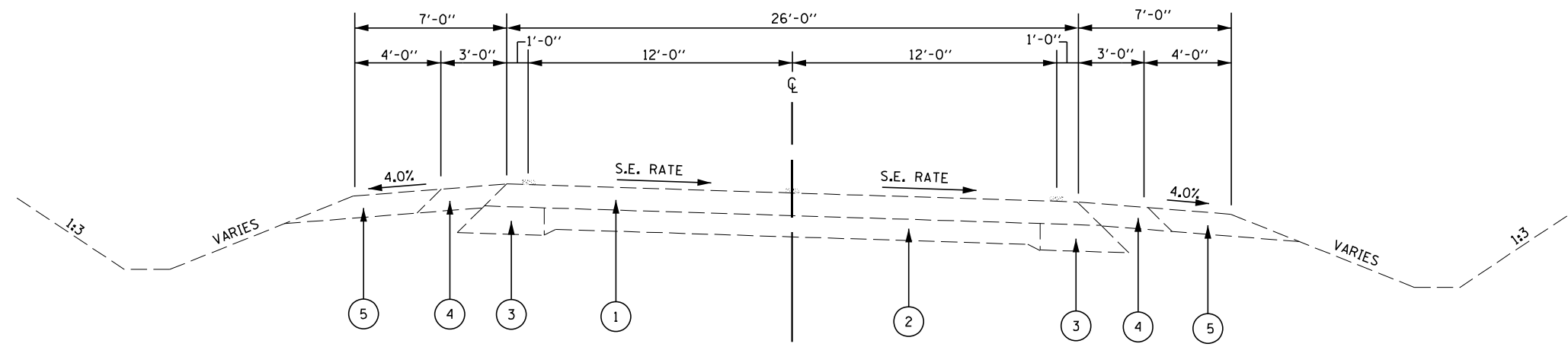
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

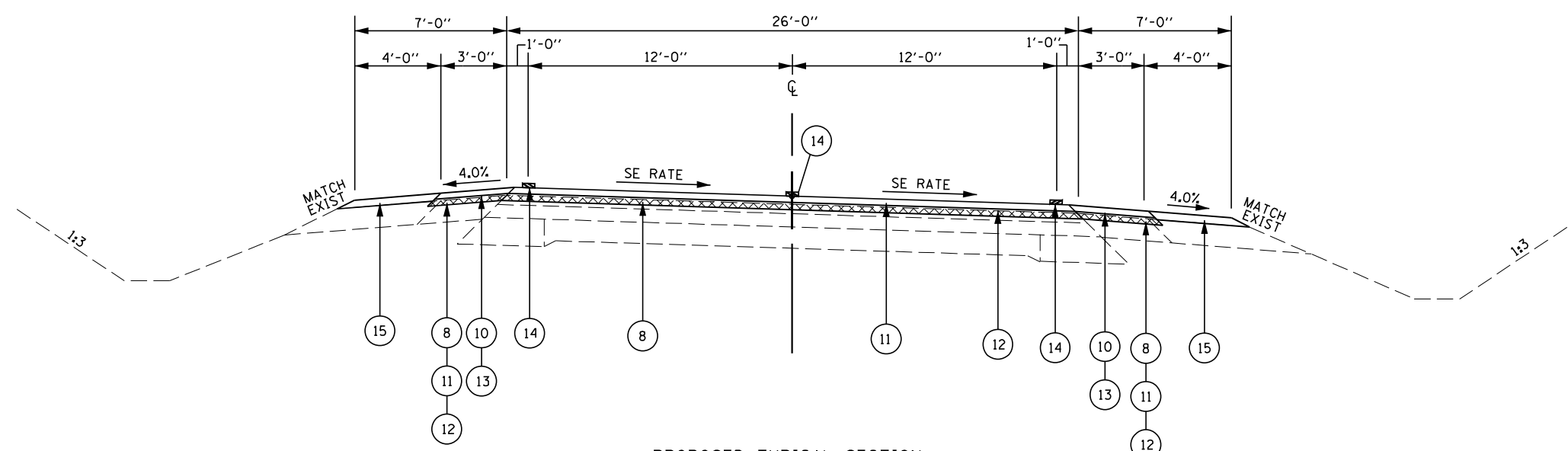
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	3
CONTRACT NO. 74888			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION ①
STA 967+50.00 TO STA 980+00.00



PROPOSED TYPICAL SECTION ①
STA 967+50.00 TO STA 980+00.00

LEGEND

- ☒ - REMOVAL
- ① EX HMA PAVEMENT
- ② EX PCC BASE COURSE
- ③ EX PCC BASE COURSE
- ④ EX HMA SHOULDER
- ⑤ EX AGG. SHOULDER, TYPE B
- ⑥ EX CONCRETE GUTTER, TYPE A, STD 606101-01
- ⑦ EX CONCRETE CURB AND GUTTER
- ⑧ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑨ PR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- ⑩ PR PAVED SHOULDER REMOVAL (8")
- ⑪ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, "MIX C", N70, 2"
- ⑫ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70, 1 3/4"
- ⑬ PR HOT-MIX ASPHALT SHOULDERS, 8"
- ⑭ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B

NOTE:
SEE SCHEDULES FOR LOCATIONS OF PAVED SHOULDER REMOVAL / HOT-MIX ASPHALT SHOULDERS, 8"

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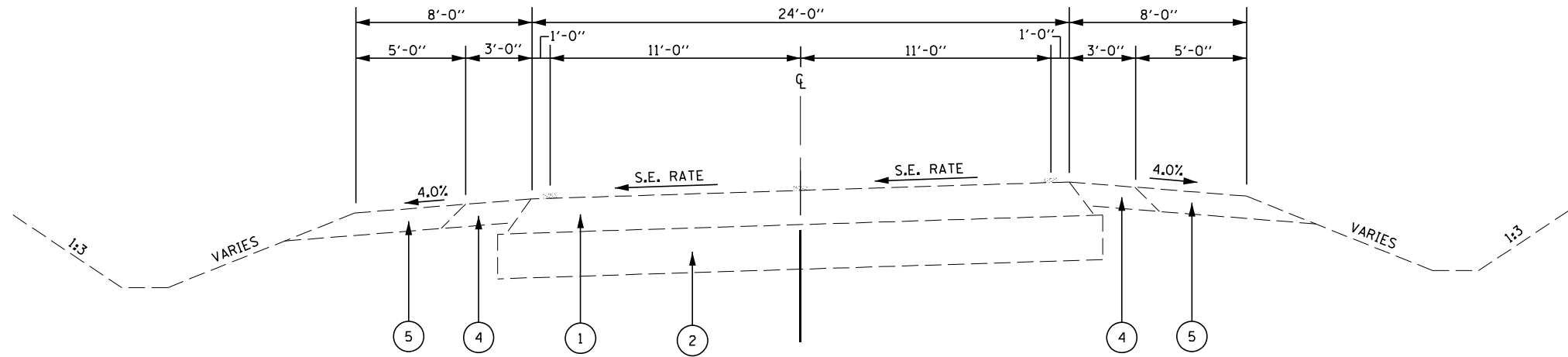
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74888	



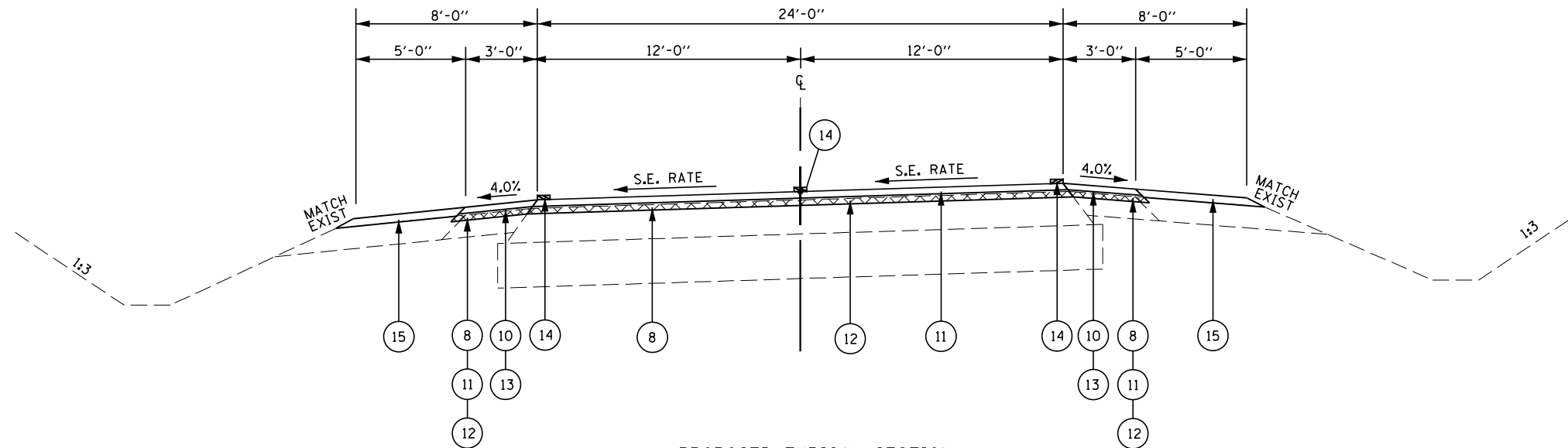
EXISTING TYPICAL SECTION ②

STA 980+00.00 TO STA 984+51.99
 STA 1003+06.83 TO STA 1011+42.23
 STA 1016+19.32 TO STA 1023+23.16
 STA 1027+70.39 TO STA 1034+90.56
 STA 1053+74.62 TO STA 1062+43.85
 STA 1072+67.24 TO STA 1078+56.24
 STA 1087+96.83 TO STA 1092+81.36
 STA 1110+10.60 TO STA 1115+51.02BK

LEGEND



- ① EX HMA PAVEMENT
- ② EX PCC BASE COURSE
- ③ EX PCC BASE COURSE
- ④ EX HMA SHOULDER
- ⑤ EX AGG. SHOULDER, TYPE B
- ⑥ EX CONCRETE GUTTER, TYPE A, STD 606101-01
- ⑦ EX CONCRETE CURB AND GUTTER
- ⑧ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑨ PR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- ⑩ PR PAVED SHOULDER REMOVAL (8")
- ⑪ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, "MIX C", N70, 2"
- ⑫ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70, 1 3/4"
- ⑬ PR HOT-MIX ASPHALT SHOULDERS, 8"
- ⑭ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B



PROPOSED TYPICAL SECTION ②

STA 980+00.00 TO STA 984+51.99
 STA 1003+06.83 TO STA 1011+42.23
 STA 1016+19.32 TO STA 1023+23.16
 STA 1027+70.39 TO STA 1034+90.56
 STA 1053+74.62 TO STA 1062+43.85
 STA 1072+67.24 TO STA 1078+56.24
 STA 1087+96.83 TO STA 1092+81.36
 STA 1110+10.60 TO STA 1115+51.02BK

NOTE:
 SEE SCHEDULES FOR LOCATIONS OF PAVED SHOULDER REMOVAL / HOT-MIX ASPHALT SHOULDERS, 8"

PAVEMENT TRANSITION ARE AS FOLLOWS:
 STA 980+00.00 TO STA 980+50.00

STATION EQUATION:
 STA 1115+51.02BK = STA 1116+02.92AH

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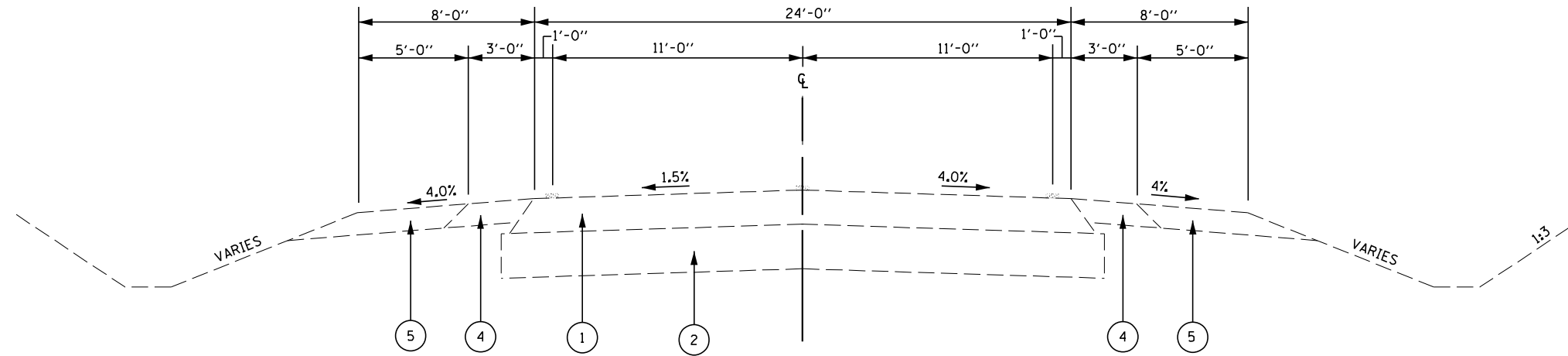
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

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CONTRACT NO. 74888				
ILLINOIS FED. AID PROJECT				

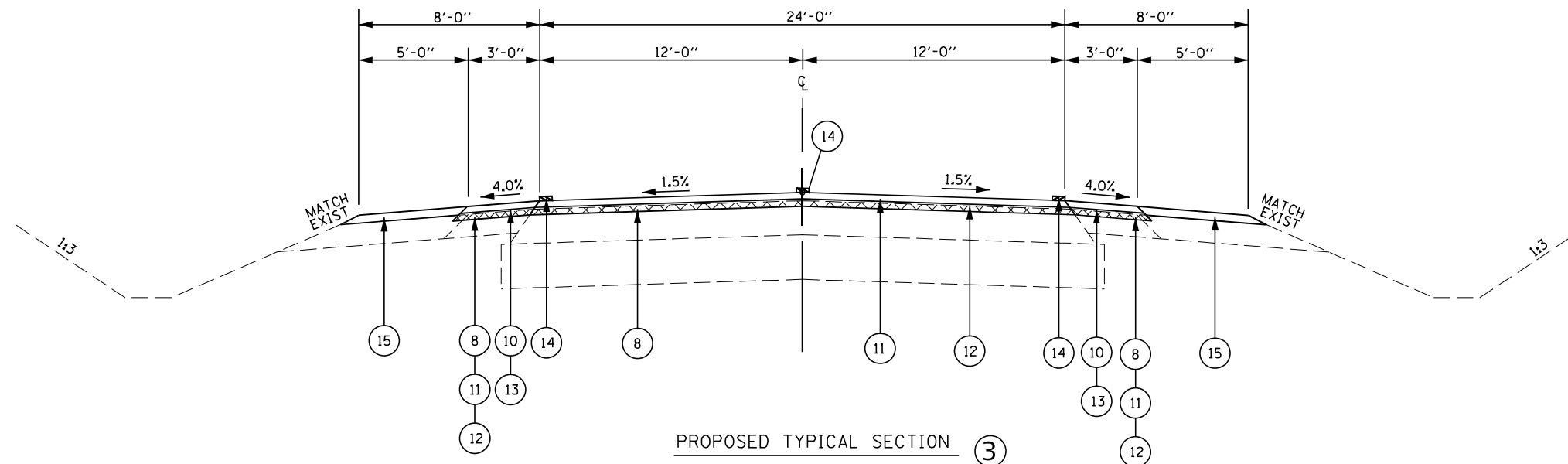


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STA 984+51.99 TO STA 1003+06.83
 STA 1011+42.23 TO STA 1016+19.32
 STA 1023+23.16 TO STA 1027+70.39
 STA 1034+90.56 TO STA 1053+74.62
 STA 1062+43.85 TO STA 1072+67.24
 STA 1078+56.24 TO STA 1087+96.83
 STA 1092+81.36 TO STA 1110+10.60
 STA 1116+02.92AH TO STA 1138+00.00
 STA 1242+25.00 TO STA 1263+25.00

LEGEND

- ☒ - REMOVAL
- ① EX HMA PAVEMENT
- ② EX PCC BASE COURSE
- ③ EX PCC BASE COURSE
- ④ EX HMA SHOULDER
- ⑤ EX AGG. SHOULDER, TYPE B
- ⑥ EX CONCRETE GUTTER, TYPE A, STD 606101-01
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- ⑬ PR HOT-MIX ASPHALT SHOULDERS, 8"
- ⑭ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B



PROPOSED TYPICAL SECTION (3)

STA 984+51.99 TO STA 1003+06.83
 STA 1011+42.23 TO STA 1016+19.32
 STA 1023+23.16 TO STA 1027+70.39
 STA 1034+90.56 TO STA 1053+74.62
 STA 1062+43.85 TO STA 1072+67.24
 STA 1078+56.24 TO STA 1087+96.83
 STA 1092+81.36 TO STA 1110+10.60
 STA 1116+02.92AH TO STA 1138+00.00
 STA 1242+25.00 TO STA 1263+25.00

NOTE:
 SEE SCHEDULES FOR LOCATIONS OF PAVED SHOULDER REMOVAL / HOT-MIX ASPHALT SHOULDERS, 8"

PAVEMENT TRANSITION ARE AS FOLLOWS:
 STA 1137+50.00 TO STA 1138+00.00
 STA 1242+25.00 TO STA 1242+75.00
 STA 1262+75.00 TO STA 1263+25.00

STATION EQUATION:
 STA 1115+51.02BK = STA 1116+02.92AH

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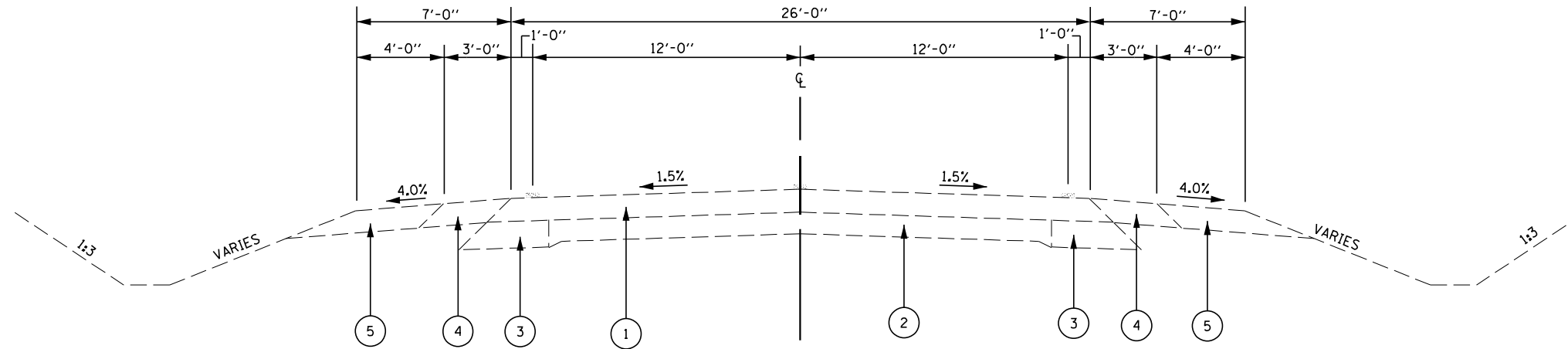
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	6
CONTRACT NO. 74888			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

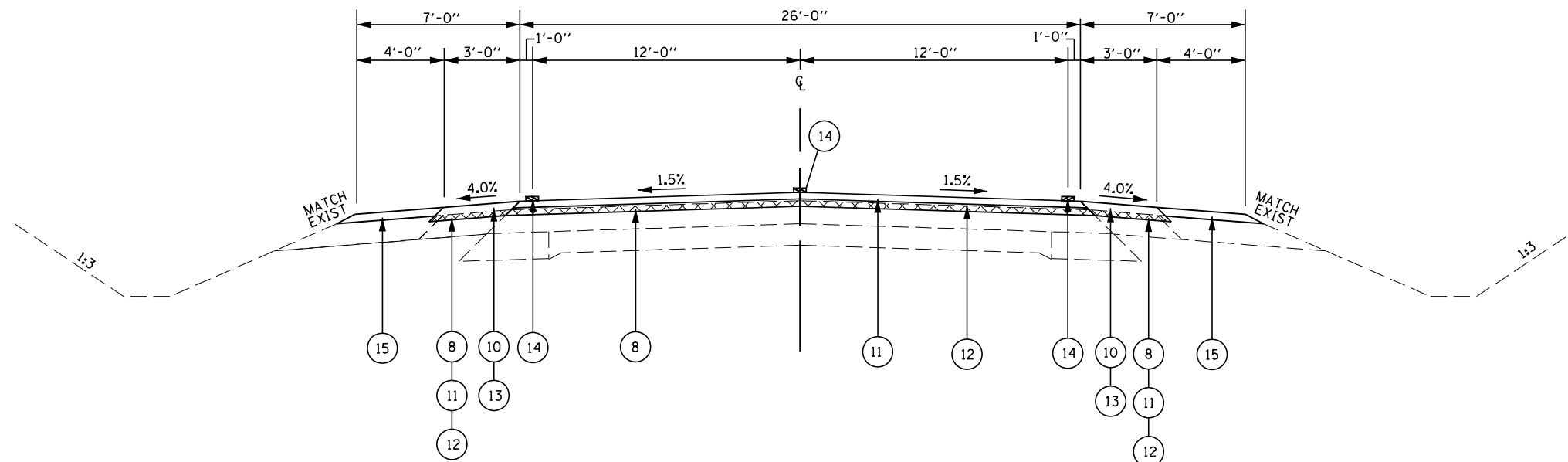
STA 1138+00.00 TO STA 1230+64.00
 STA 1236+98.66 TO STA 1242+25.00
 STA 1263+25.00 TO STA 1277+46.98
 STA 1284+82.78 TO STA 1308+94.91

④

LEGEND

☒ - REMOVAL

- ① EX HMA PAVEMENT
- ② EX PCC BASE COURSE
- ③ EX PCC BASE COURSE
- ④ EX HMA SHOULDER
- ⑤ EX AGG. SHOULDER, TYPE B
- ⑥ EX CONCRETE GUTTER, TYPE A, STD 606101-01
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- ⑧ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑨ PR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- ⑩ PR PAVED SHOULDER REMOVAL (8")
- ⑪ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, "MIX C", N70, 2"
- ⑫ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70, 1 3/4"
- ⑬ PR HOT-MIX ASPHALT SHOULDERS, 8"
- ⑭ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B



PROPOSED TYPICAL SECTION

STA 1138+00.00 TO STA 1230+64.00
 STA 1236+98.66 TO STA 1242+25.00
 STA 1263+25.00 TO STA 1277+46.98
 STA 1284+82.78 TO STA 1308+94.91

④

NOTE:
 SEE SCHEDULES FOR LOCATIONS OF PAVED SHOULDER REMOVAL / HOT-MIX ASPHALT SHOULDERS, 8"

BRIDGE OMISSION
 STA 1277+46.98 TO STA 1284+82.78

INLAY/OVERLAY TRANSITIONS:
 STA 1230+19.00 TO STA 1230+64.00
 STA 1236+98.66 TO STA 1237+43.66
 STA 1308+49.91 TO STA 1308+94.91

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 PLOT DATE = 12/17/2023

DESIGNED - CGF
 DRAWN - CD5
 CHECKED - CGF
 DATE - 8/11/2023

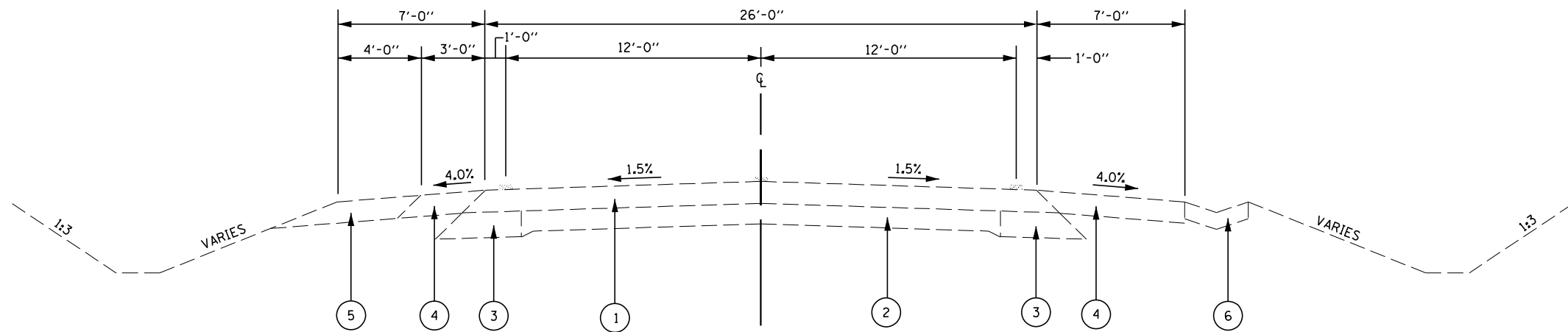
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	7
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				



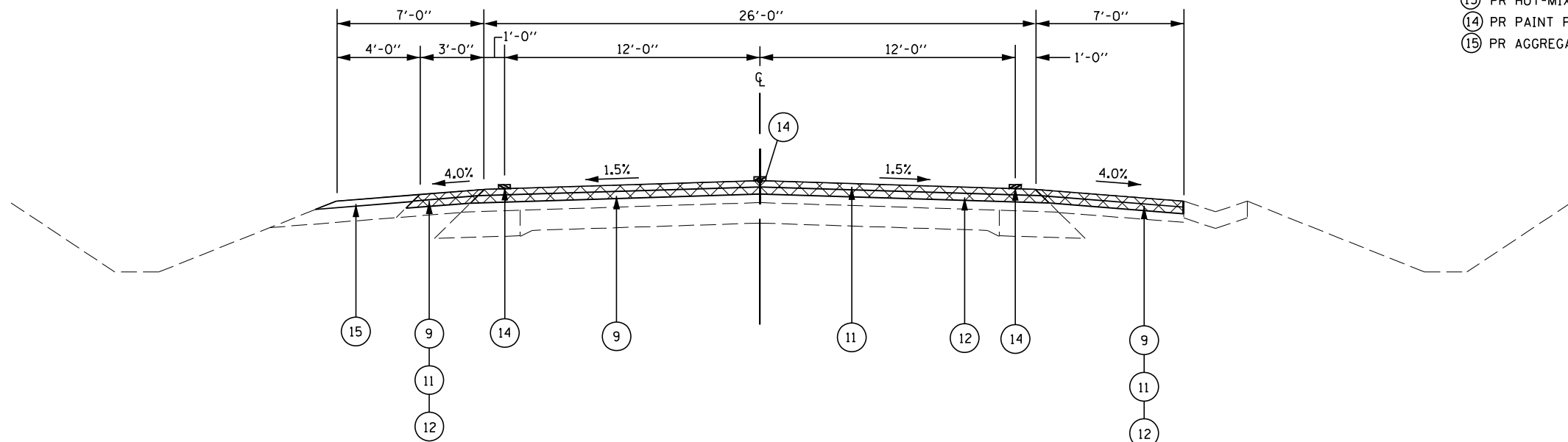
• 1:3 FOR SLOPE IN AREAS OF WETLAND ENCROACHMENT.

EXISTING TYPICAL SECTION ⑤
STA 1230+64.00 TO STA 1236+98.66

LEGEND

☒ - REMOVAL

- ① EX HMA PAVEMENT
- ② EX PCC BASE COURSE
- ③ EX PCC BASE COURSE
- ④ EX HMA SHOULDER
- ⑤ EX AGG. SHOULDER, TYPE B
- ⑥ EX CONCRETE GUTTER, TYPE A, STD 606101-01
- ⑦ EX CONCRETE CURB AND GUTTER
- ⑧ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑨ PR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- ⑩ PR PAVED SHOULDER REMOVAL (8')
- ⑪ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, "MIX C", N70, 2"
- ⑫ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70, 1 3/4"
- ⑬ PR HOT-MIX ASPHALT SHOULDERS, 8"
- ⑭ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B



PROPOSED TYPICAL SECTION ⑤
STA 1230+64.00 TO STA 1236+98.66

NOTE:
SEE SCHEDULES FOR LOCATIONS OF PAVED SHOULDER REMOVAL / HOT-MIX ASPHALT SHOULDERS, 8"

INLAY/OVERLAY TRANSITIONS:
STA 1230+19.00 TO STA 1230+64.00
STA 1236+98.66 TO STA 1237+43.66

MODEL: Default
FILE NAME: 2732.3-D-7_US_45_3P_Overlay\CADD\Sheets\2732.3-shi-typ.dgn

CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2732.3
FILE NAME = 2732.3-shi-typ.dgn
PLOT SCALE = 10,0000' / in.
DATE = 12/17/2023

DESIGNED - CGF
DRAWN - CD5
CHECKED - CGF
DATE - 8/11/2023

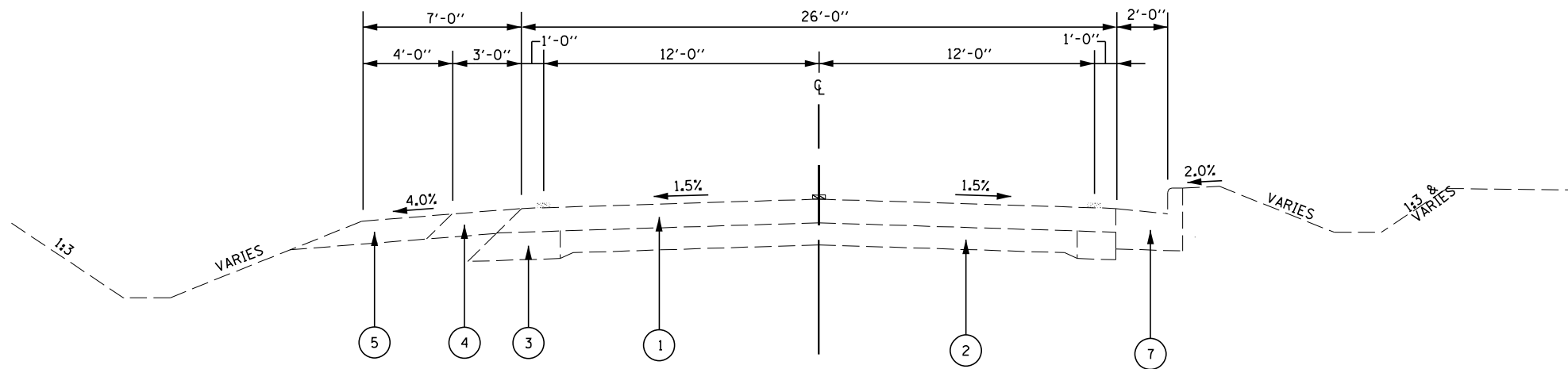
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

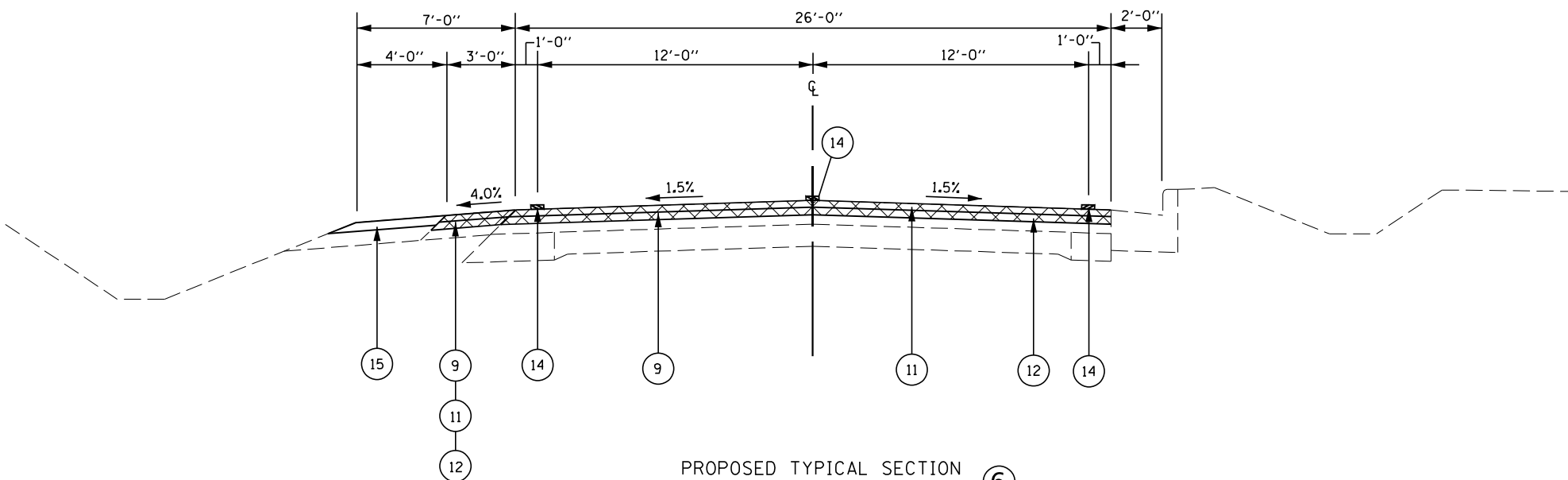
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	8
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION ⑥
STA 1308+94.91 TO STA 1311+50.00

LEGEND

- ☒ - REMOVAL
- ① EX HMA PAVEMENT
- ② EX PCC BASE COURSE
- ③ EX PCC BASE COURSE
- ④ EX HMA SHOULDER
- ⑤ EX AGG. SHOULDER, TYPE B
- ⑥ EX CONCRETE GUTTER, TYPE A, STD 606101-01
- ⑦ EX CONCRETE CURB AND GUTTER
- ⑧ PR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑨ PR HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"
- ⑩ PR PAVED SHOULDER REMOVAL (8')
- ⑪ PR HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, "MIX C", N70, 2"
- ⑫ PR HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70, 1 3/4"
- ⑬ PR HOT-MIX ASPHALT SHOULDERS, 8"
- ⑭ PR PAINT PAVEMENT MARKING - LINE 4"
- ⑮ PR AGGREGATE WEDGE SHOULDERS, TYPE B



PROPOSED TYPICAL SECTION ⑥
STA 1308+94.91 TO STA 1311+50.00

NOTE:
SEE SCHEDULES FOR LOCATIONS OF PAVED SHOULDER REMOVAL / HOT-MIX ASPHALT SHOULDERS, 8"

INLAY/OVERLAY TRANSITIONS:
STA 1308+49.91 TO STA 1308+94.91

MODEL: Default
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PLOT SCALE = 10,0000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 12/17/2023	DATE - 8/11/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	9
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				

ENTRANCE & SIDEROAD IMPROVEMENTS

LOCATION	TYPE	WIDTH	LENGTH	40200800	X4080052	X4060995	X4400102
				AGGREGATE SURFACE COURSE, TYPE B TON	INCIDENTAL HOT-MIX ASPHALT SURFACING (SPECIAL) TON		TEMPORARY RAMP (SPECIAL) SQ YD
RT STA 979+53.50	HMA PE	21.4	10		3.7	9.9	35.1
LT STA 980+92.70	HMA PE	19.3	10		3.4	9.6	32.6
RT STA 982+33.80	HMA PE	17.4	10		3.2	9.0	30.6
LT STA 986+09.50	HMA PE	29.4	10		4.6	11.6	43.8
RT STA 986+59.10	AGG FE	18.4	2	0.1			
LT STA 986+75.60	AGG FE	30.4	2	0.2			
LT STA 992+63.40	HMA PE	17.4	10		3.2	8.9	30.5
RT STA 992+69.90	AGG FE	17.4	2	0.1			
RT STA 999+34.40	HMA FE	17.4	10		3.2	9.0	30.5
RT STA 1004+91.40	HMA FE	17.2	10		3.2	8.8	30.1
LT STA 1005+23.50	AGG FE	25.6	2	0.2			
RT STA 1006+42.00	1725N	-	10		5.9	14.9	56.2
LT STA 1010+11.70	HMA PE	25.7	10		3.0	11.1	28.7
LT STA 1014+49.60	HMA PE	23.4	10		3.9	10.3	37.2
RT STA 1015+52.10	AGG FE	25.4	2	0.2			
LT STA 1020+51.40	1700N	-	10		6.0	15.0	56.7
RT STA 1020+40.10	HMA PE	19.5	10		3.5	9.2	33.0
RT STA 1024+79.50	HMA FE	17.4	10		3.2	9.1	30.5
LT STA 1033+71.70	AGG FE	17.5	2	0.1			
RT STA 1033+71.70	AGG FE	17.2	2	0.1			
RT STA 1044+19.40	HMA PE	19.6	10		3.4	9.6	32.7
RT STA 1048+01.90	1650N	-	10		5.7	14.8	54.5
LT STA 1052+00.00	AGG FE	17.4	2	0.1			
RT STA 1056+30.20	HMA PE	27.5	10		5.5	15.1	52.2
LT STA 1057+73.20	AGG FE	17.2	10	0.1			
LT STA 1063+02.40	1625N	-	10		5.7	14.6	54.5
RT STA 1064+53.00	HMA FE	21.2	10		3.3	8.1	31.4
RT STA 1065+53.70	AGG FE	18.2	2	0.1			
LT STA 1066+11.70	HMA CE	58.1	10		8.0	18.0	75.8
RT STA 1069+79.50	AGG FE	17.4	2	0.1			
LT STA 1076+28.40	AGG FE	17.5	2	0.1		14.9	
RT STA 1076+40.90	1600N	-	10		5.9		56.2
RT STA 1082+18.00	AGG FE	17.4	2	0.1			
LT STA 1082+19.30	HMA PE	17.4	10		3.2	8.9	30.5
LT STA 1084+55.80	HMA PE	17.4	10		3.2	8.9	30.5
RT STA 1084+55.80	HMA PE	18.4	10		3.3	9.3	31.6
RT STA 1086+63.30	HMA PE	17.4	10		3.2	8.9	30.5
RT STA 1092+40.50	HMA PE	29.7	10		5.4	14.8	51.6
LT STA 1094+13.20	HMA PE	17.4	10		3.2	8.9	30.5
RT STA 1096+13.10	HMA FE	39.6	10		6.6	17.0	62.5
RT STA 1098+99.90	AGG FE	37.6	2	0.3			
LT STA 1099+78.50	HMA FE	19.4	10		3.4	9.4	32.7
LT STA 1102+62.20	HMA PE	18.2	10		3.3	9.1	31.2
RT STA 1103+95.10	1550N	-	10		5.9	15.3	56.6
LT STA 1104+14.60	1550N	-	10		6.0	15.1	56.9
LT STA 1105+82.40	HMA PE	21.4	10		3.7	9.8	34.9
LT STA 1108+48.40	HMA PE	25.4	10		4.1	10.7	39.4
LT STA 1113+30.30	HMA PE	17.2	10		3.2	8.9	30.3

ENTRANCE & SIDEROAD IMPROVEMENTS

LOCATION	TYPE	WIDTH	LENGTH	40200800	X4080052	X4060995	X4400102
				AGGREGATE SURFACE COURSE, TYPE B TON	INCIDENTAL HOT-MIX ASPHALT SURFACING (SPECIAL) TON		TEMPORARY RAMP (SPECIAL) SQ YD
RT STA 1117+23.30	AGG FE	17.4	2	0.1			
RT STA 1119+64.20	HMA FE	21.4	10		3.7	9.8	34.9
LT STA 1119+88.80	AGG FE	26.8	10	0.2			
LT STA 1127+96.80	HMA PE	25.4	10		4.1	10.7	39.4
RT STA 1129+47.30	HMA PE	17.4	10		3.2	8.9	30.5
RT STA 1131+39.70	AGG FE	24.6	2	0.2		14.6	
LT STA 1131+57.30	1500N	-	10		5.7		54.6
RT STA 1132+80.90	AGG FE	19.4	2	0.1			
RT STA 1134+82.80	HMA PE	19.4	10		3.2	9.2	30.5
LT STA 1139+27.20	AGG FE	18.1	10	0.2			
LT STA 1139+86.20	HMA PE	17.4	10		3.2	9.0	30.5
RT STA 1140+67.20	AGG FE	25.6	2	0.3			
RT STA 1144+02.50	1475N	-	10		5.7	14.6	54.5
LT STA 1146+57.50	AGG FE	29.6	2	0.3			
RT STA 1147+95.80	HMA PE	21.4	10		3.7	9.8	34.9
LT STA 1149+04.10	AGG FE	17.4	2	0.2			
RT STA 1149+04.10	HMA PE	19.4	10		3.4	9.4	32.7
RT STA 1154+94.80	AGG FE	23.2	2	0.2			
LT STA 1154+96.60	HMA CE	52.2	10		8.0	20.0	76.0
LT STA 1158+00.10	AGG FE	19.6	2	0.2			
LT STA 1159+17.20	HMA FE	21.4	10		3.7	9.8	34.8
RT STA 1159+17.20	AGG FE	23.4	2	0.2			
LT STA 1163+35.30	AGG FE	18.8	2	0.2			
RT STA 1163+35.30	AGG FE	21.4	2	0.2			
LT STA 1167+49.30	1430N	-	10		5.7	14.6	54.6
RT STA 1170+12.00	1425N	-	10		5.7	14.6	54.7
RT STA 1173+06.20	HMA PE	19.4	10		3.4	9.4	32.7
LT STA 1177+79.20	HMA PE	19.4	10		3.4	9.4	32.7
LT STA 1184+01.20	AGG FE	23.4	2	0.2			
RT STA 1184+01.20	AGG FE	17.4	2	0.2			
LT STA 1190+15.40	AGG FE	23.4	2	0.2			
RT STA 1190+15.40	HMA PE	17.4	10		3.2	8.9	30.5
LT STA 1197+07.70	1375N	-	10		5.7	14.6	54.5
RT STA 1197+05.60	HMA PE	29.4	10		4.6	11.6	43.8
RT STA 1201+41.30	HMA PE	29.4	10		4.6	11.6	43.8
LT STA 1204+82.50	AGG FE	25.3	2	0.3			
RT STA 1207+62.30	HMA PE	17.4	10		3.2	8.9	30.5
LT STA 1208+22.30	HMA PE	23.4	10		3.9	10.3	37.1
LT STA 1209+20.30	HMA PE	19.4	10		3.4	9.4	32.7
RT STA 1210+51.70	1350N	-	10		5.7	14.6	54.6
LT STA 1212+83.00	HMA PE	45.5	10		7.5	19.3	71.7
LT STA 1217+75.40	HMA PE	19.3	10		3.4	9.3	32.5
RT STA 1223+45.10	AGG FE	17.4	2	0.2			
LT STA 1225+13.00	HMA PE	19.4	10		3.4	9.4	32.7
RT STA 1226+22.80	AGG FE	17.4	2	0.2			
RT STA 1229+19.20	HMA FE	17.4	10		3.2	8.9	30.5
LT STA 1231+46.30	AGG FE	16.1	2	0.2			
LT STA 1234+02.70	HMA PE	19.4	10		3.4	9.4	32.7

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FILE NAME = 2732.3-eh-cen.dgn
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PLOT DATE = 12/17/2023

DESIGNED - CDS
DRAWN - CDS
CHECKED - CGF
DATE - 12/03/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	10
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE

LOCATION	LENGTH	WIDTH	40602970 HOT-MIX ASPHALT BINDER COURSE, IL- 9.5FG, N70		40604052 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, "MIX C", N70		40600290 BITUMINOUS MATERIALS (TACK COAT)		40600370 LONGITUDINAL JOINT SEALANT	
			THICKNESS	TON	THICKNESS	TON	# OF APPS.	POUND	FOOT	
			INCH		INCH					
STA 967+50.00 TO STA 980+00.00	1250.00	32	1.75	435.56	2.00	497.78	2	3,000.00	1,250.00	
STA 980+00.00 TO STA 980+50.00	50.00	VARIES	1.75	16.88	2.00	19.29	2	116.25	50.00	
STA 980+50.00 TO STA 1115+51.02	13,501.02	30	1.75	4,410.33	2.00	5040.38	2	30,377.30	13,501.02	
STA 1115+51.02 BK TO STA 1116+02.92 AH	STATION EQUATION									
STA 1116+02.92 TO STA 1137+50.00	2,147.08	30	1.75	701.38	2.00	801.58	2	4,830.93	2,147.08	
STA 1137+50.00 TO STA 1138+00.00	50.00	VARIES	1.75	16.88	2.00	19.29	2	116.25	50.00	
STA 1138+00.00 TO STA 1230+19.00	9,219.00	32	1.75	3,212.31	2.00	3,671.21	2	22,125.60	9,219.00	
STA 1230+19.00 TO STA 1230+64.00	45.00	32	VARIES 4 TO 1.75	25.76	2.00	17.92	2	108.00	45.00	
STA 1230+64.00 TO STA 1236+98.66	634.66	32	1.75	221.14	2.00	252.74	2	1,523.18	634.66	
STA 1236+98.66 TO STA 1237+43.66	45.00	32	VARIES 1.75 TO 4	25.76	2.00	17.92	2	108.00	45.00	
STA 1237+43.66 TO STA 1242+25.00	481.34	32	1.75	167.72	2.00	191.68	2	1155.22	481.34	
STA 1242+25.00 TO STA 1242+75.00	50.00	VARIES	1.75	16.88	2.00	19.29	2	116.25	50.00	
STA 1242+75.00 TO STA 1262+75.00	2,000.00	30	1.75	653.33	2.00	746.67	2	4,500.00	2,000.00	
STA 1262+75.00 TO STA 1263+25.00	50.00	VARIES	1.75	16.88	2.00	19.29	2	116.25	50.00	
STA 1263+25.00 TO STA 1277+46.98	1,421.98	32	1.75	495.48	2.00	566.26	2	3,412.75	1,421.98	
STA 1277+46.98 TO STA 1284+82.78	BRIDGE OMISSION									
STA 1284+82.78 TO STA 1308+49.91	2,367.13	32	1.75	824.81	2.00	942.64	2	5,681.11	2,367.13	
STA 1308+49.91 TO STA 1308+94.91	45.00	32	VARIES 4 TO 1.75	25.76	2.00	17.92	2	108.00	45.00	
STA 1308+94.91 TO STA 1311+50.00	255.09	32	1.75	88.88	2.00	101.58	2	612.22	255.09	
TOTAL:				11,355.74		12,943.44		77,395.09	33,612.30	
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 PLOT SCALE = 2,0000 '1/in.
 PLOT DATE = 12/17/2023

DESIGNED - CDS
 DRAWN - CDS
 CHECKED - CGF
 DATE - 12/03/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	12
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				

HOT MIX ASPHALT SHOULDER PAVING SCHEDULE

LOCATION	LENGTH FOOT	WIDTH FOOT	44004250 PAVED SHOULDER REMOVAL	48203029 HOT-MIX ASPHALT SHOULDERS, 8"
			SQ YD	SQ YD
LT STA 967+50.00 TO STA 969+39.00	189.00	3	63.00	63.00
LT STA 981+65.19 TO STA 982+13.40	48.21	3	16.07	16.07
LT STA 986+41.45 TO STA 986+44.05	2.60	3	0.87	0.87
LT STA 986+44.05 TO STA 987+08.76	64.71	3	21.57	21.57
LT STA 987+08.76 TO STA 987+94.19	85.43	3	28.48	28.48
LT STA 990+81.13 TO STA 991+06.13	25.00	3	8.33	8.33
LT STA 992+07.85 TO STA 992+37.92	30.07	3	10.02	10.02
LT STA 992+90.08 TO STA 998+99.38	609.30	3	203.10	203.10
LT STA 1000+94.00 TO STA 1004+94.43	400.43	3	133.48	133.48
LT STA 1004+94.43 TO STA 1005+55.49	61.06	3	20.35	20.35
LT STA 1005+55.49 TO STA 1009+84.50	429.01	3	143.00	143.00
LT STA 1009+84.50 TO STA 1010+39.26	54.76	3	18.25	18.25
LT STA 1010+39.26 TO STA 1011+29.61	90.35	3	30.12	30.12
LT STA 1015+48.39 TO STA 1019+34.96	386.57	3	128.86	128.86
LT STA 1033+86.23 TO STA 1033+98.06	11.83	3	3.94	3.94
LT STA 1033+98.03 TO STA 1043+02.22	904.19	3	301.40	301.40
LT STA 1046+09.06 TO STA 1051+74.00	564.94	3	188.31	188.31
LT STA 1051+74.00 TO STA 1052+00.00	26.00	3	8.67	8.67
LT STA 1057+53.34 TO STA 1057+98.71	45.37	3	15.12	15.12
LT STA 1057+98.71 TO STA 1058+62.67	63.96	3	21.32	21.32
LT STA 1072+02.02 TO STA 1076+02.06	400.04	3	133.35	133.35
LT STA 1076+02.06 TO STA 1076+54.92	52.86	3	17.62	17.62
LT STA 1076+54.92 TO STA 1078+41.47	186.55	3	62.18	62.18
LT STA 1084+08.18 TO STA 1084+29.98	21.80	3	7.27	7.27
LT STA 1094+39.14 TO STA 1097+81.92	342.78	3	114.26	114.26
LT STA 1107+91.78 TO STA 1108+18.38	26.60	3	8.87	8.87
LT STA 1119+59.81 TO STA 1119+67.91	8.10	3	2.70	2.70
LT STA 1119+67.91 TO STA 1120+10.89	42.98	3	14.33	14.33
LT STA 1120+10.89 TO STA 1120+34.82	23.93	3	7.98	7.98
LT STA 1122+60.85 TO STA 1125+21.42	260.57	3	86.86	86.86
LT STA 1128+26.77 TO STA 1129+38.44	111.67	3	37.22	37.22
LT STA 1131+97.34 TO STA 1135+50.84	353.50	3	117.83	117.83
LT STA 1253+30.41 TO STA 1254+22.05	91.64	3	30.55	30.55
LT STA 1261+51.23 TO STA 1262+15.25	64.02	3	21.34	21.34
LT STA 1297+71.07 TO STA 1298+13.04	41.97	3	13.99	13.99
RT STA 967+50.00 TO STA 969+39.00	189.00	3	63.00	63.00
RT STA 972+15.58 TO STA 973+28.42	112.84	3	37.61	37.61
RT STA 981+31.07 TO STA 982+09.26	78.19	3	26.06	26.06
RT STA 982+60.02 TO STA 983+87.63	127.61	3	42.54	42.54
RT STA 992+95.67 TO STA 993+59.53	63.86	3	21.29	21.29
RT STA 995+78.28 TO STA 996+03.28	25.00	3	8.33	8.33
RT STA 1016+41.99 TO STA 1017+54.91	112.92	3	37.64	37.64
RT STA 1020+67.28 TO STA 1024+53.54	386.26	3	128.75	128.75
RT STA 1025+05.54 TO STA 1025+53.60	48.06	3	16.02	16.02
RT STA 1034+20.59 TO STA 1034+59.58	38.99	3	13.00	13.00
RT STA 1038+94.65 TO STA 1041+64.77	270.12	3	90.04	90.04
RT STA 1054+92.84 TO STA 1055+85.58	92.74	3	30.91	30.91
RT STA 1055+85.58 TO STA 1056+74.71	89.13	3	29.71	29.71
RT STA 1056+74.71 TO STA 1059+77.02	302.31	3	100.77	100.77

HOT MIX ASPHALT SHOULDER PAVING SCHEDULE

LOCATION	LENGTH FOOT	WIDTH FOOT	44004250 PAVED SHOULDER REMOVAL	48203029 HOT-MIX ASPHALT SHOULDERS, 8"
			SQ YD	SQ YD
RT STA 1066+26.35 TO STA 1066+51.76	25.41	3	8.47	8.47
RT STA 1070+41.14 TO STA 1070+74.63	33.49	3	11.16	11.16
RT STA 1077+54.74 TO STA 1077+90.40	35.66	3	11.89	11.89
RT STA 1081+74.80 TO STA 1081+92.08	17.28	3	5.76	5.76
RT STA 1081+92.08 TO STA 1082+44.06	51.98	3	17.33	17.33
RT STA 1082+44.06 TO STA 1082+49.80	5.74	3	1.91	1.91
RT STA 1087+85.18 TO STA 1089+71.49	186.31	3	62.10	62.10
RT STA 1092+82.03 TO STA 1093+90.23	108.20	3	36.07	36.07
RT STA 1097+70.84 TO STA 1098+50.86	80.02	3	26.67	26.67
RT STA 1109+45.53 TO STA 1109+68.53	23.00	3	7.67	7.67
RT STA 1111+06.16 TO STA 1112+71.31	165.15	3	55.05	55.05
RT STA 1135+08.16 TO STA 1135+22.62	14.46	3	4.82	4.82
RT STA 1224+69.23 TO STA 1224+94.23	25.00	3	8.33	8.33
TOTAL:			2,943.51	2,943.51
USE:			2,944	2,944

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 PLOT DATE = 12/17/2023

DESIGNED - CDS
 DRAWN - CDS
 CHECKED - CGF
 DATE - 12/03/2023

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	13
CONTRACT NO. 74B88				
ILLINOIS		FED. AID PROJECT		

AGGREGATE SHOULDER SCHEDULE

LOCATION	LENGTH	WIDTH	AVERAGE THICKNESS	48102100 AGGREGATE WEDGE SHOULDERS, TYPE B
	FOOT	FOOT	FOOT	TON
LT STA 967+50.00 TO STA 980+77.73	1327.73	4	0.1146	46.43
LT STA 981+08.88 TO STA 985+88.08	479.20	4	0.1146	21.74
LT STA 986+31.00 TO STA 992+48.65	617.65	5	0.1146	27.13
LT STA 992+79.58 TO STA 1009+84.50	1704.92	5	0.1146	74.30
LT STA 1010+39.26 TO STA 1014+31.15	391.89	5	0.1146	17.42
LT STA 1014+68.07 TO STA 1020+24.11	556.04	5	0.1146	24.65
LT STA 1020+78.60 TO STA 1062+75.45	4196.85	5	0.1146	182.96
LT STA 1063+29.32 TO STA 1065+78.59	249.27	5	0.1146	11.15
LT STA 1066+50.31 TO STA 1082+03.86	1553.55	5	0.1146	67.60
LT STA 1082+34.78 TO STA 1084+40.36	205.58	5	0.1146	9.21
LT STA 1084+71.29 TO STA 1093+97.73	926.44	5	0.1146	40.64
LT STA 1094+28.66 TO STA 1099+62.05	533.39	5	0.1146	23.47
LT STA 1099+94.98 TO STA 1102+47.73	252.75	5	0.1146	11.26
LT STA 1102+79.52 TO STA 1103+86.50	106.98	5	0.1146	4.95
LT STA 1104+42.68 TO STA 1105+64.91	122.23	5	0.1146	5.63
LT STA 1105+99.84 TO STA 1108+28.91	229.07	5	0.1146	10.23
LT STA 1108+67.84 TO STA 1113+15.07	447.23	5	0.1146	19.81
LT STA 1113+45.56 TO STA 1115+51.02	205.46	5	0.1146	9.11
LT STA 1115+51.02 TO STA 1116+02.92	STATION EQUATION			
LT STA 1116+02.92 TO STA 1127+77.32	1174.40	5	0.1146	51.22
LT STA 1128+16.22 TO STA 1131+30.45	314.23	5	0.1146	13.87
LT STA 1131+84.28 TO STA 1137+50.00	565.72	5	0.1146	24.87
LT STA 1137+50.00 TO STA 1138+00.00	50.00	VARIES	0.1146	1.96
LT STA 1138+00.00 TO STA 1139+70.66	170.66	4	0.1146	6.02
LT STA 1140+01.62 TO STA 1154+59.91	1458.29	4	0.1146	50.97
LT STA 1155+33.37 TO STA 1158+99.74	366.37	4	0.1146	13.08
LT STA 1159+34.67 TO STA 1167+22.29	787.62	4	0.1146	27.61
LT STA 1167+76.22 TO STA 1177+62.69	986.47	4	0.1146	34.54
LT STA 1177+95.62 TO STA 1196+80.78	1885.16	4	0.1146	65.81
LT STA 1197+34.66 TO STA 1208+03.82	1069.16	4	0.1146	37.42
LT STA 1208+40.75 TO STA 1209+03.85	63.10	4	0.1146	2.38
LT STA 1209+36.78 TO STA 1212+47.36	310.58	4	0.1146	11.03
LT STA 1213+18.72 TO STA 1217+58.98	440.26	4	0.1146	15.56
LT STA 1217+91.74 TO STA 1224+96.55	704.81	4	0.1146	24.99
LT STA 1225+29.48 TO STA 1230+64.00	534.52	4	0.1146	18.69
LT STA 1230+64.00 TO STA 1233+86.27	322.27	4	0.0417	4.11
LT STA 1234+19.20 TO STA 1235+49.57	130.37	4	0.0417	1.71
LT STA 1235+88.50 TO STA 1237+15.07	126.57	4	0.0417	1.68
LT STA 1237+69.96 TO STA 1242+25.00	455.04	4	0.1146	15.99
LT STA 1242+25.00 TO STA 1242+75.00	50.00	VARIES	0.1146	1.96
LT STA 1242+75.00 TO STA 1254+32.59	1157.59	5	0.1146	50.49
LT STA 1254+63.51 TO STA 1262+75.00	811.49	5	0.1146	35.44
LT STA 1262+75.00 TO STA 1263+25.00	50.00	VARIES	0.1146	1.96
LT STA 1263+25.00 TO STA 1272+56.27	931.27	4	0.1146	32.52
LT STA 1273+13.70 TO STA 1277+28.86	415.16	4	0.1146	14.57
LT STA 1284+85.16 TO STA 1308+94.91	2409.75	4	0.1146	83.88
LT STA 1308+94.91 TO STA 1309+94.19	99.28	4	0.0417	1.29
LT STA 1310+26.13 TO STA 1311+50.00	123.87	4	0.0417	1.60
RT STA 967+50.00 TO STA 979+35.87	1185.87	4	0.1146	41.09
RT STA 979+72.91 TO STA 982+17.94	245.03	5	0.1146	11.23
RT STA 982+49.71 TO STA 999+18.92	1669.21	5	0.1146	17.42

AGGREGATE SHOULDER SCHEDULE

LOCATION	LENGTH	WIDTH	AVERAGE THICKNESS	48102100 AGGREGATE WEDGE SHOULDERS, TYPE B
	FOOT	FOOT	FOOT	TON
RT STA 999+49.85 TO STA 1004+76.22	526.37	5	0.1146	23.22
RT STA 1005+06.57 TO STA 1006+14.96	108.39	5	0.1146	5.06
RT STA 1006+69.05 TO STA 1020+23.29	1354.24	5	0.1146	40.27
RT STA 1020+56.79 TO STA 1024+64.07	407.28	5	0.1146	17.77
RT STA 1024+95.00 TO STA 1044+03.16	1908.16	5	0.1146	83.44
RT STA 1044+36.08 TO STA 1047+74.54	338.46	5	0.1146	15.03
RT STA 1048+28.39 TO STA 1056+02.98	774.59	5	0.1146	34.02
RT STA 1056+57.31 TO STA 1064+37.27	779.96	5	0.1146	33.15
RT STA 1064+68.40 TO STA 1076+13.79	1145.39	5	0.1146	45.95
RT STA 1076+67.92 TO STA 1084+39.87	771.95	5	0.1146	33.96
RT STA 1084+71.79 TO STA 1086+47.83	176.04	5	0.1146	7.92
RT STA 1086+78.76 TO STA 1092+14.21	535.45	5	0.1146	23.57
RT STA 1092+66.79 TO STA 1095+82.01	315.22	5	0.1146	13.96
RT STA 1096+44.13 TO STA 1103+67.24	723.11	5	0.1146	31.83
RT STA 1104+23.00 TO STA 1115+51.02	1128.02	5	0.1146	48.27
RT STA 1115+51.02 TO STA 1116+02.92	STATION EQUATION			
RT STA 1116+02.92 TO STA 1119+46.72	343.80	5	0.1146	15.09
RT STA 1119+81.65 TO STA 1129+31.86	950.21	5	0.1146	41.59
RT STA 1129+62.73 TO STA 1134+66.73	504.00	5	0.1146	22.23
RT STA 1134+97.63 TO STA 1137+50.00	252.37	5	0.1146	11.09
RT STA 1137+50.00 TO STA 1138+00.00	50.00	VARIES	0.1146	1.96
RT STA 1138+00.00 TO STA 1143+75.52	575.52	4	0.1146	20.15
RT STA 1144+29.44 TO STA 1147+78.37	348.93	4	0.1146	12.35
RT STA 1148+13.30 TO STA 1148+87.60	74.30	4	0.1146	2.77
RT STA 1149+20.53 TO STA 1169+84.96	2064.43	4	0.1146	72.05
RT STA 1170+38.99 TO STA 1172+89.73	250.74	4	0.1146	8.93
RT STA 1173+22.65 TO STA 1189+99.93	1677.28	4	0.1146	58.52
RT STA 1190+30.86 TO STA 1196+84.14	653.28	4	0.1146	22.90
RT STA 1197+27.07 TO STA 1201+19.87	392.80	4	0.1146	13.85
RT STA 1201+62.80 TO STA 1207+46.86	584.06	4	0.1146	20.50
RT STA 1207+77.79 TO STA 1210+24.76	246.97	4	0.1146	8.80
RT STA 1210+78.79 TO STA 1229+03.79	1825.00	4	0.1146	63.71
RT STA 1229+34.66 TO STA 1230+64.00	129.34	4	0.1146	4.89
RT STA 1237+65.66 TO STA 1239+49.50	183.84	4	0.1146	6.93
RT STA 1240+08.80 TO STA 1241+38.13	129.33	4	0.1146	4.72
RT STA 1241+92.69 TO STA 1242+25.00	32.31	4	0.1146	1.23
RT STA 1242+25.00 TO STA 1242+75.00	50.00	VARIES	0.1146	1.96
RT STA 1242+75.00 TO STA 1246+25.27	350.27	5	0.1146	15.37
RT STA 1246+56.20 TO STA 1254+41.46	785.26	5	0.1146	34.47
RT STA 1254+87.31 TO STA 1262+75.00	787.69	5	0.1146	34.43
RT STA 1262+75.00 TO STA 1263+25.00	50.00	VARIES	0.1146	1.96
RT STA 1263+25.00 TO STA 1277+28.89	1403.89	4	0.1146	48.94
RT STA 1284+84.72 TO STA 1288+86.25	401.53	4	0.1146	14.08
RT STA 1289+23.05 TO STA 1290+79.65	156.60	4	0.1146	5.66
RT STA 1291+36.17 TO STA 1291+52.67	16.50	4	0.1146	0.75
RT STA 1292+01.61 TO STA 1305+74.45	1372.84	4	0.1146	47.88
RT STA 1306+15.38 TO STA 1307+89.42	174.04	4	0.1146	6.24
RT STA 1308+24.20 TO STA 1308+51.35	27.15	4	0.1146	1.13
TOTAL:				2,409.20
USE:				2,410

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PLOT DATE = 12/17/2023

DESIGNED - CDS
DRAWN - CDS
CHECKED - CGF
DATE - 12/03/2023

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	14
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION	78001110 PAINT PAVEMENT MARKING - LINE 4"		
	WHITE	YELLOW	TOTAL
	FOOT	FOOT	FOOT
SOLID WHITE EDGE LINE			
SOLID WHITE EDGE LINE			
LT STA 967+50.00 TO STA 1020+11.15	5,261.15		5,261.15
LT STA 1020+91.67 TO STA 1062+62.36	4,170.69		4,170.69
LT STA 1063+41.98 TO STA 1103+73.42	4,031.44		4,031.44
LT STA 1104+55.70 TO STA 1115+51.02	1,095.32		1,095.32
LT STA 1115+51.02 TO STA 1116+02.92	STATION EQUATION		
LT STA 1116+02.92 TO STA 1131+17.23	1,514.31		1,514.31
LT STA 1131+97.34 TO STA 1167+09.21	3,511.87		3,511.87
LT STA 1167+89.29 TO STA 1196+67.70	2,878.41		2,878.41
LT STA 1197+47.53 TO STA 1237+01.99	3,954.46		3,954.46
LT STA 1237+81.99 TO STA 1277+46.98	3,964.99		3,964.99
LT STA 1277+46.98 TO STA 1284+82.78	BRIDGE OMISSION		
LT STA 1284+82.78 TO STA 1311+50.00	2,667.22		2,667.22
RT STA 967+50.00 TO STA 1006+02.07	3,852.07		3,852.07
RT STA 1006+81.94 TO STA 1047+61.19	4,079.25		4,079.25
RT STA 1048+41.74 TO STA 1076+00.98	2,759.24		2,759.24
RT STA 1076+80.82 TO STA 1103+54.17	2,673.35		2,673.35
RT STA 1104+36.02 TO STA 1115+51.02	1,115.00		1,115.00
RT STA 1115+51.02 TO STA 1116+02.92	STATION EQUATION		
RT STA 1116+02.92 TO STA 1145+25.33	2,922.41		2,922.41
RT STA 1144+42.51 TO STA 1169+71.88	2,529.37		2,529.37
RT STA 1170+51.93 TO STA 1210+11.69	3,959.76		3,959.76
RT STA 1210+91.79 TO STA 1236+98.66	2,606.87		2,606.87
RT STA 1237+78.74 TO STA 1277+46.98	3,968.24		3,968.24
RT STA 1277+46.98 TO STA 1284+82.78	BRIDGE OMISSION		
RT STA 1284+82.78 TO STA 1311+50.00	2,667.22		2,667.22
SOLID YELLOW CENTERLINE - NO PASSING ZONE			
LT STA 1005+51.79 TO STA 1012+02.55		650.76	650.76
LT STA 1033+19.70 TO STA 1039+79.63		659.93	659.93
LT STA 1057+61.10 TO STA 1063+73.22		612.12	612.12
LT STA 1075+59.29 TO STA 1083+51.64		792.35	792.35
LT STA 1210+06.87 TO STA 1217+03.35		696.48	696.48
LT STA 1235+00.13 TO STA 1244+69.68		969.55	969.55
LT STA 1255+57.44 TO STA 1262+69.27		711.83	711.83
RT STA 996+73.64 TO STA 1007+14.40		1,040.76	1,040.76
RT STA 1019+91.24 TO STA 1027+58.82		767.58	767.58
RT STA 1051+77.85 TO STA 1057+73.48		595.63	595.63
RT STA 1065+76.11 TO STA 1076+94.80		1,118.69	1,118.69
RT STA 1201+81.66 TO STA 1211+09.55		927.89	927.89
RT STA 1221+60.95 TO STA 1237+82.04		1,621.09	1,621.09
RT STA 1244+99.07 TO STA 1252+06.37		707.30	707.30

PAVEMENT MARKING SCHEDULE

LOCATION	78001110 PAINT PAVEMENT MARKING - LINE 4"		
	WHITE	YELLOW	TOTAL
	FOOT	FOOT	FOOT
SOLID WHITE EDGE LINE			
YELLOW SKIP DASH			
STA 967+50.00 TO STA 1005+51.79		960.00	960.00
STA 1007+14.40 TO STA 1057+61.10		1,270.00	1,270.00
STA 1057+73.48 TO STA 1075+59.29		450.00	450.00
STA 1076+94.80 TO STA 1115+51.02		970.00	970.00
STA 1115+51.02 TO STA 1116+02.92	STATION EQUATION		
STA 1116+02.92 TO STA 1210+06.87		2,360.00	2,360.00
STA 1211+09.55 TO STA 1235+00.15		600.00	600.00
STA 1237+82.04 TO STA 1277+46.98		1,000.00	1,000.00
STA 1277+46.98 TO STA 1284+82.78	BRIDGE OMISSION		
STA 1284+82.78 TO STA 1311+50.00		670.00	670.00
TOTAL:	66,182.64	20,151.96	86,334.60
USE:	66,183	20,152	86,335

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 DRAWN - CDS
 CHECKED - CGF
 DATE - 12/03/2023

REVISED -
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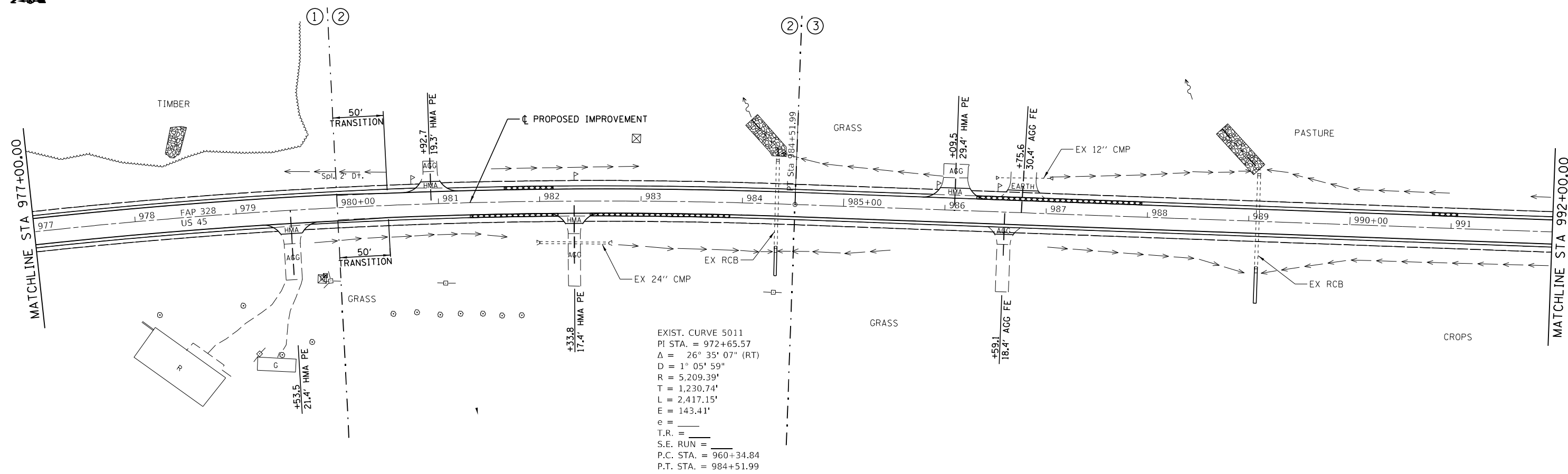
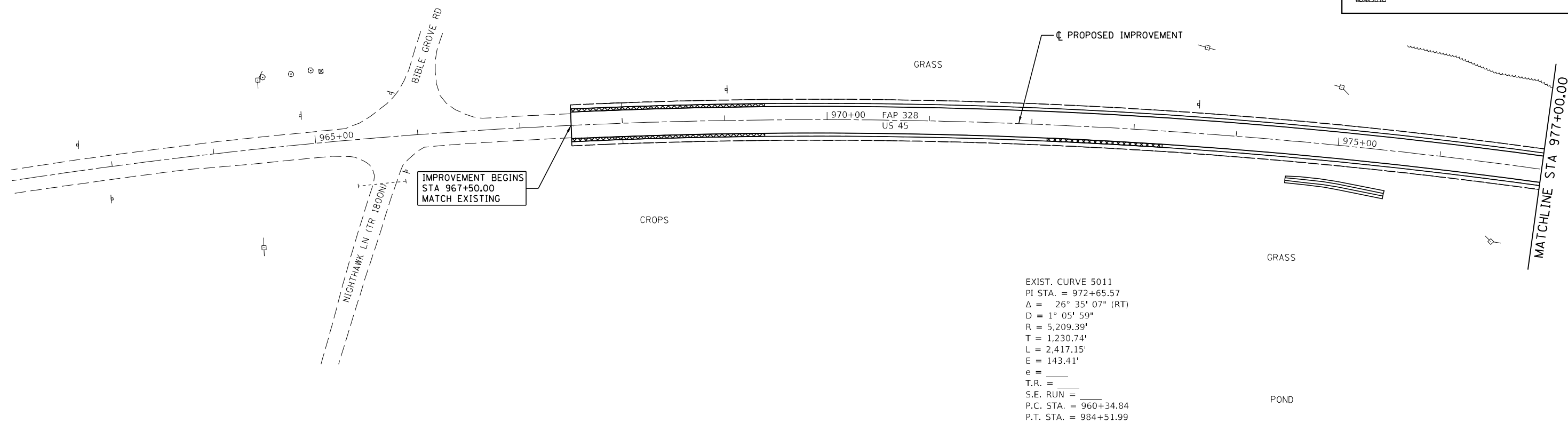
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	16
CONTRACT NO. 74B88			ILLINOIS FED. AID PROJECT	

LEGEND	
	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE



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PLOT DATE = 12/17/2023	DATE - 11/29/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**




SCALE:		SHEET OF SHEETS		STA.	TO STA.
PLAN					

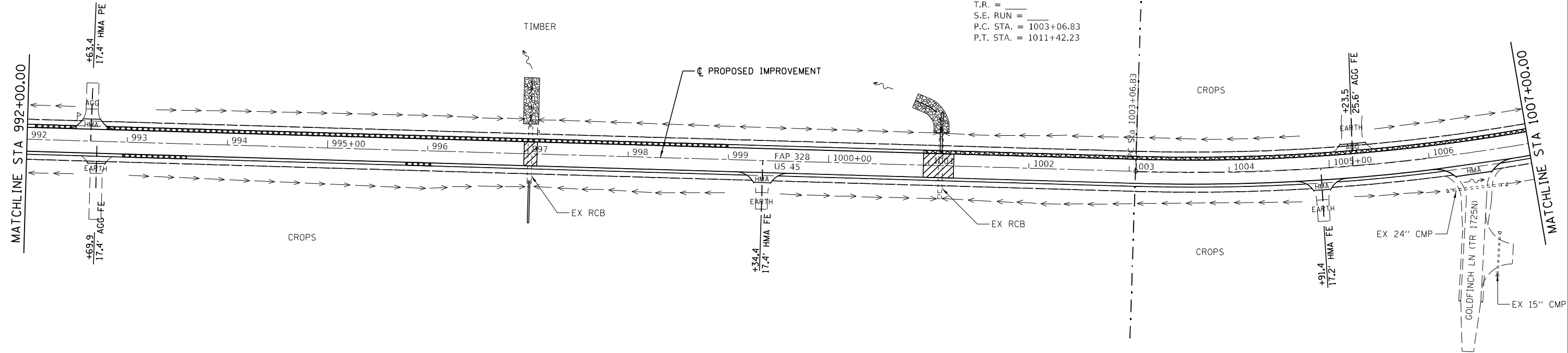
F.A.P. RTE. 328	SECTION (4,5)RS-2	COUNTY CLAY	TOTAL SHEETS 32	SHEET NO. 17
CONTRACT NO. 74888				
ILLINOIS FED. AID PROJECT				

SEC 22, T5N, R6E, 3RD PM

EXIST. CURVE 5026
 PI STA. = 1007+30.91
 $\Delta = 24^\circ 18' 55''$ (LT)
 $D = 2^\circ 54' 38''$
 $R = 1,968.50'$
 $T = 424.08'$
 $L = 835.40'$
 $E = 45.16'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1003+06.83$
 $P.T. STA. = 1011+42.23$

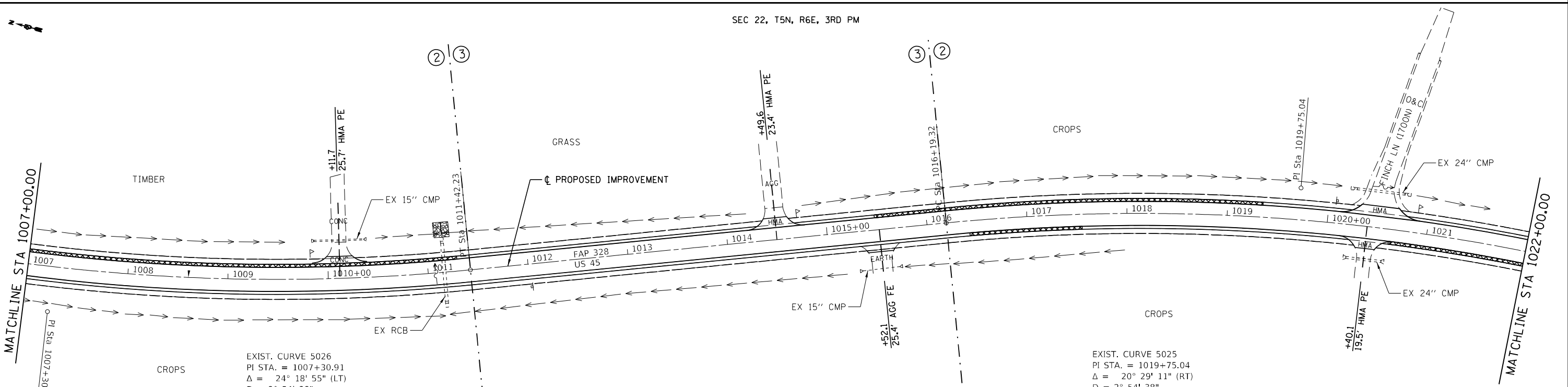
LEGEND

-  PATCHING
-  PAVED SHOULDER REMOVAL
-  EXISTING RIPRAP TO REMAIN IN PLACE



SEC 22, T5N, R6E, 3RD PM

EXIST. CURVE 5025
 PI STA. = 1019+75.04
 $\Delta = 20^\circ 29' 11''$ (RT)
 $D = 2^\circ 54' 38''$
 $R = 1,968.50'$
 $T = 355.72'$
 $L = 703.84'$
 $E = 31.88'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1016+19.32$
 $P.T. STA. = 1023+23.16$



MODEL: Default
 FILE NAME: 2732.3-D-7_US_45_3P_Overlay\CADD\Sheet2732.3-shi-plan.dgn



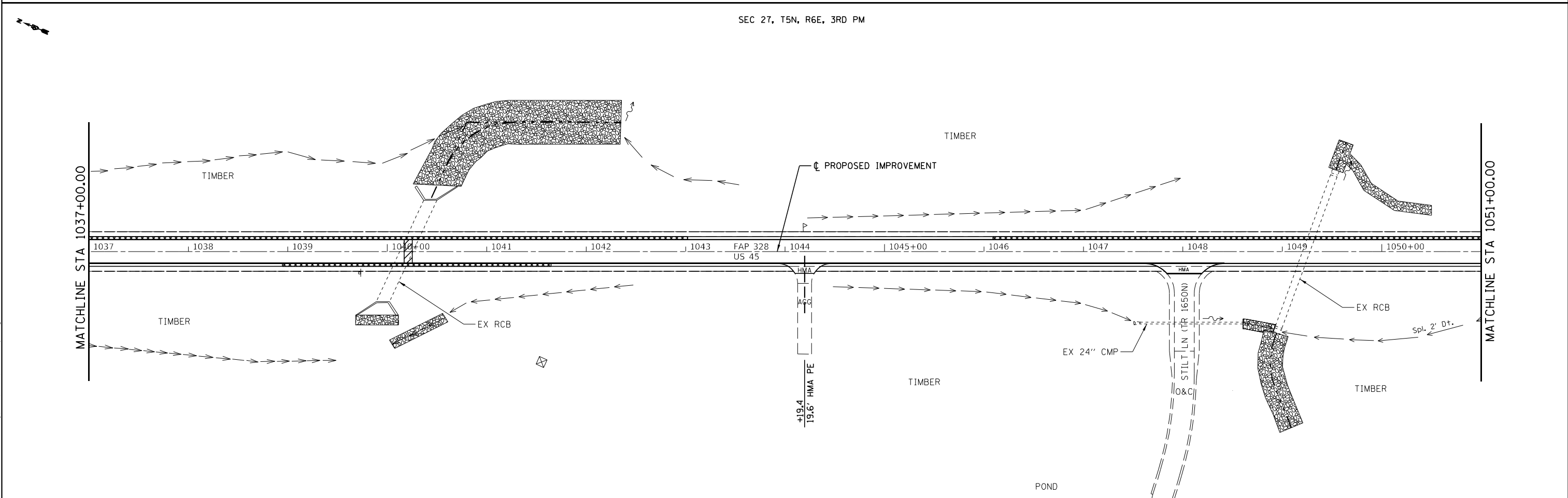
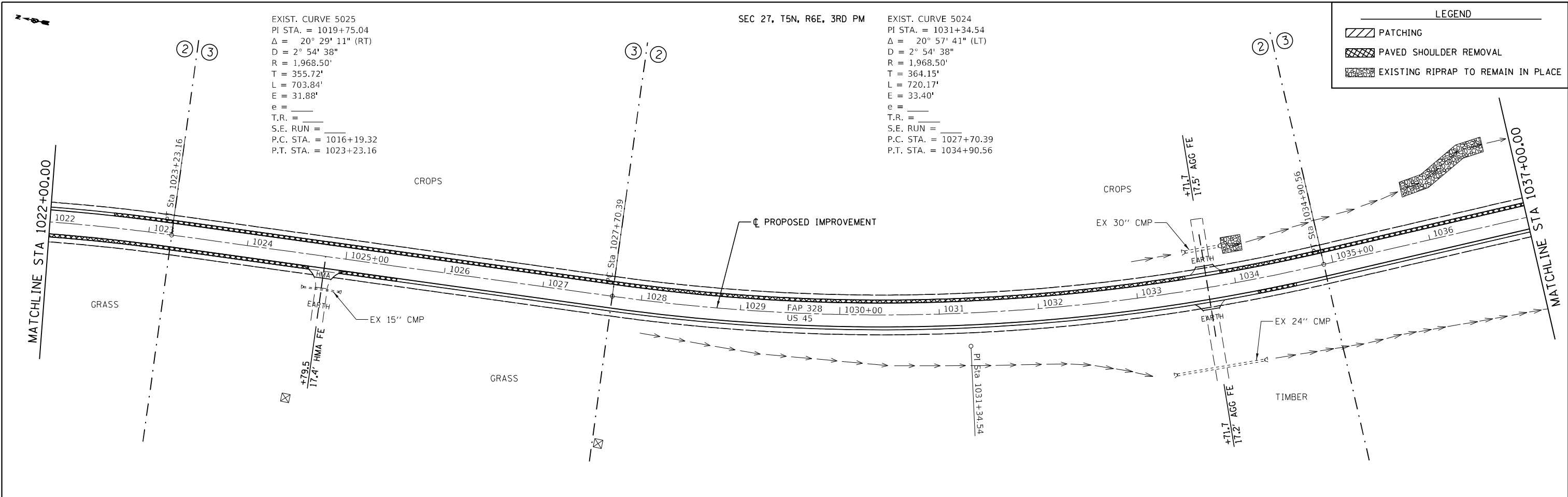
JOB = 2732.3
 FILE NAME = 2732.3-shi-plan.dgn
 PLOT SCALE = 100.000' / in.
 PLOT DATE = 12/17/2023

DESIGNED -	CDS	REVISED -	
DRAWN -	CD5	REVISED -	
CHECKED -	CGF	REVISED -	
DATE -	11/29/2023	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4.5)RS-2	CLAY	32	18
CONTRACT NO. 74888				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: 2732.3-D-7_US_45_3P_Overlay\CADD\Sheets\2732.3-shi-plan.dgn



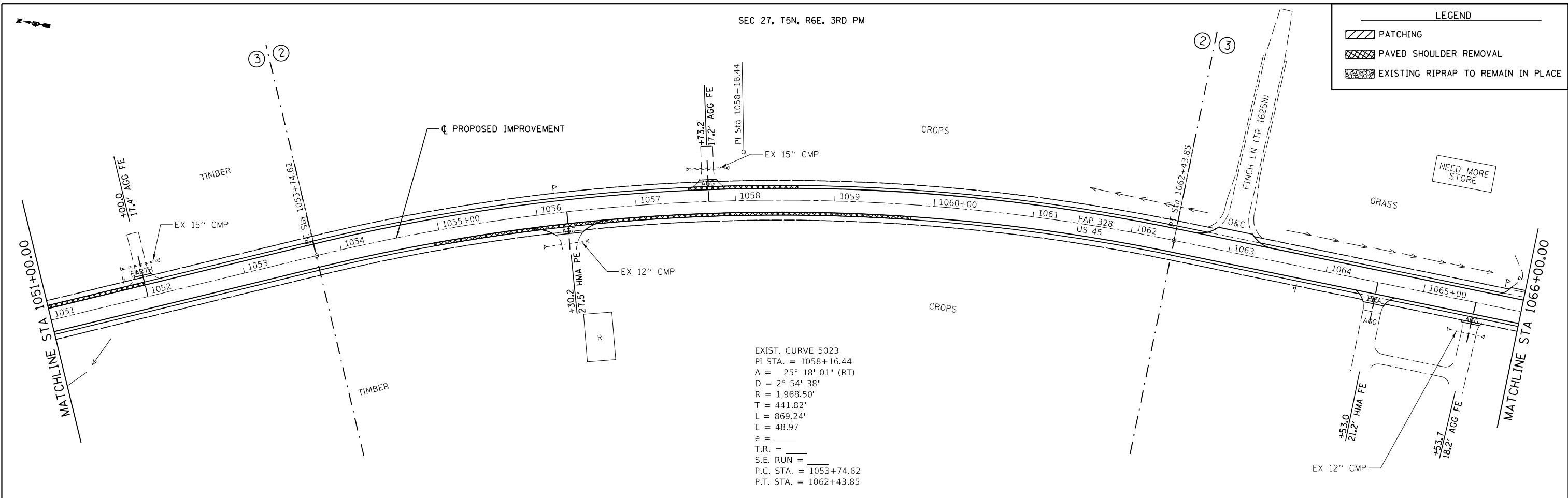
JOB = 2732.3
 FILE NAME = 2732.3-shi-plan.dgn
 PLOT SCALE = 100,000' / in.
 PLOT DATE = 12/17/2023

DESIGNED -	CDS	REVISED -	
DRAWN -	CD5	REVISED -	
CHECKED -	CGF	REVISED -	
DATE -	11/29/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
 SCALE: SHEET OF SHEETS STA. TO STA.

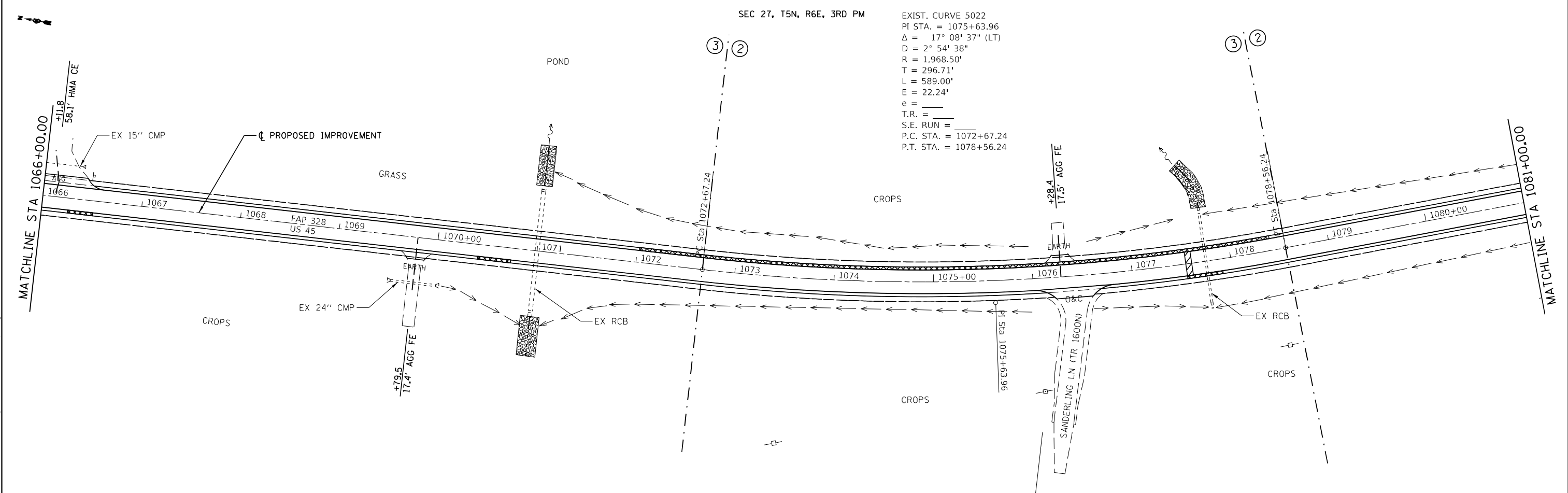
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	19
CONTRACT NO. 74888				
ILLINOIS FED. AID PROJECT				



LEGEND

	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE

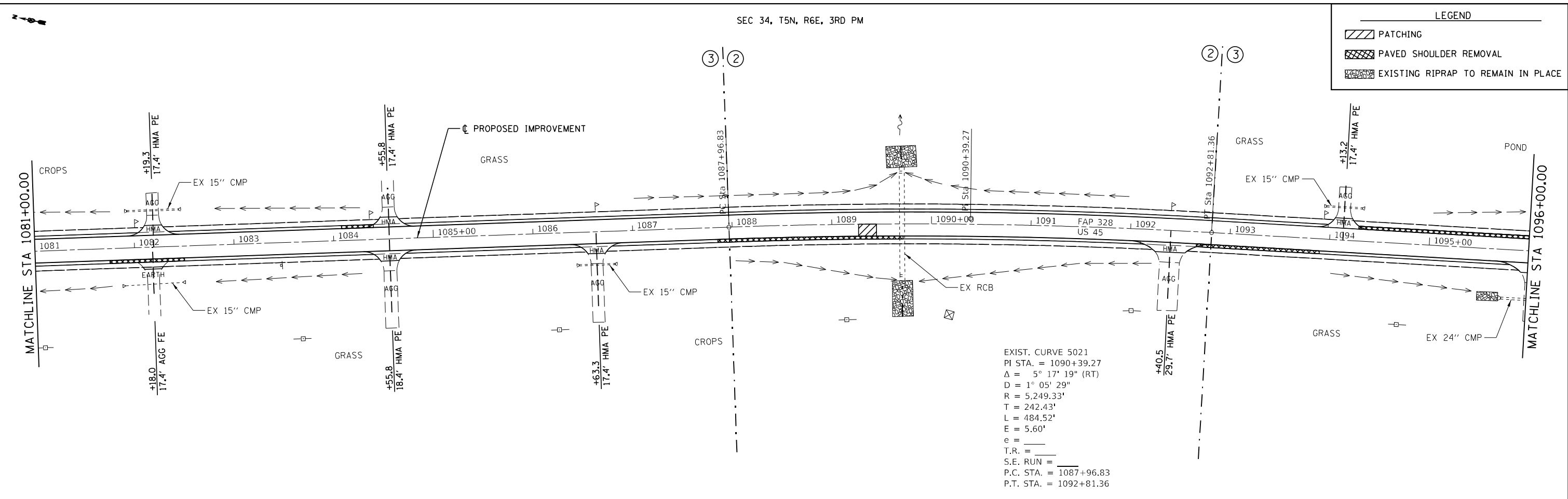
EXIST. CURVE 5023
 PI STA. = 1058+16.44
 $\Delta = 25^\circ 18' 01''$ (RT)
 $D = 2^\circ 54' 38''$
 $R = 1,968.50'$
 $T = 441.82'$
 $L = 869.24'$
 $E = 48.97'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1053+74.62$
 $P.T. STA. = 1062+43.85$



EXIST. CURVE 5022
 PI STA. = 1075+63.96
 $\Delta = 17^\circ 08' 37''$ (LT)
 $D = 2^\circ 54' 38''$
 $R = 1,968.50'$
 $T = 296.71'$
 $L = 589.00'$
 $E = 22.24'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1072+67.24$
 $P.T. STA. = 1078+56.24$

MODEL: Default
 FILE NAME: 2732.3.D-7_US_45_3P_Overlay/CADD/Sheets/2732.3-shi-plan.dgn

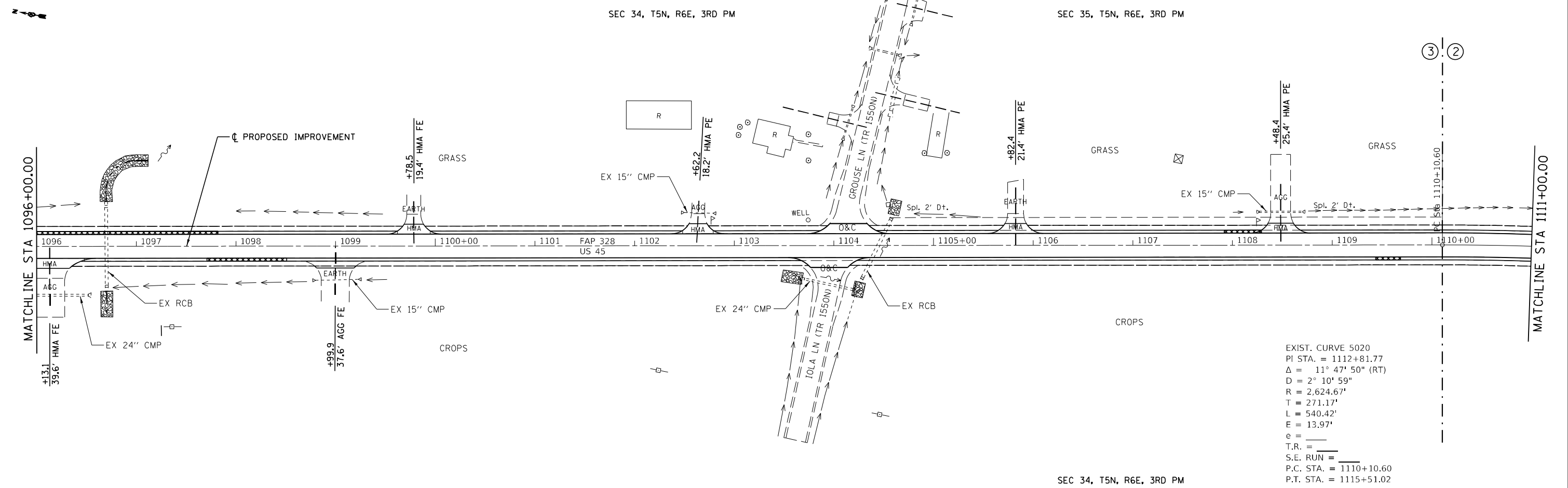
Cummins Engineering Corporation ENGINEERS & SURVEYORS	JOB = 2732.3 FILE NAME = 2732.3-shi-plan.dgn PLOT SCALE = 100,000' / in. PLOT DATE = 12/17/2023	DESIGNED - CDS DRAWN - CDS CHECKED - CGF DATE - 11/29/2023	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN	SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A.P. RTE. 328 SECTION (4,5)RS-2 COUNTY CLAY TOTAL SHEETS 32 SHEET NO. 20 CONTRACT NO. 74888	ILLINOIS FED. AID PROJECT



LEGEND

	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE

EXIST. CURVE 5021
 PI STA. = 1090+39.27
 $\Delta = 5^\circ 17' 19''$ (RT)
 $D = 1^\circ 05' 29''$
 $R = 5,249.33'$
 $T = 242.43'$
 $L = 484.52'$
 $E = 5.60'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1087+96.83$
 $P.T. STA. = 1092+81.36$



EXIST. CURVE 5020
 PI STA. = 1112+81.77
 $\Delta = 11^\circ 47' 50''$ (RT)
 $D = 2^\circ 10' 59''$
 $R = 2,624.67'$
 $T = 271.17'$
 $L = 540.42'$
 $E = 13.97'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1110+10.60$
 $P.T. STA. = 1115+51.02$

MODEL: Default
 FILE NAME: 2732.3-shi-plan.dgn
 MODEL: Default
 FILE NAME: 2732.3-shi-plan.dgn



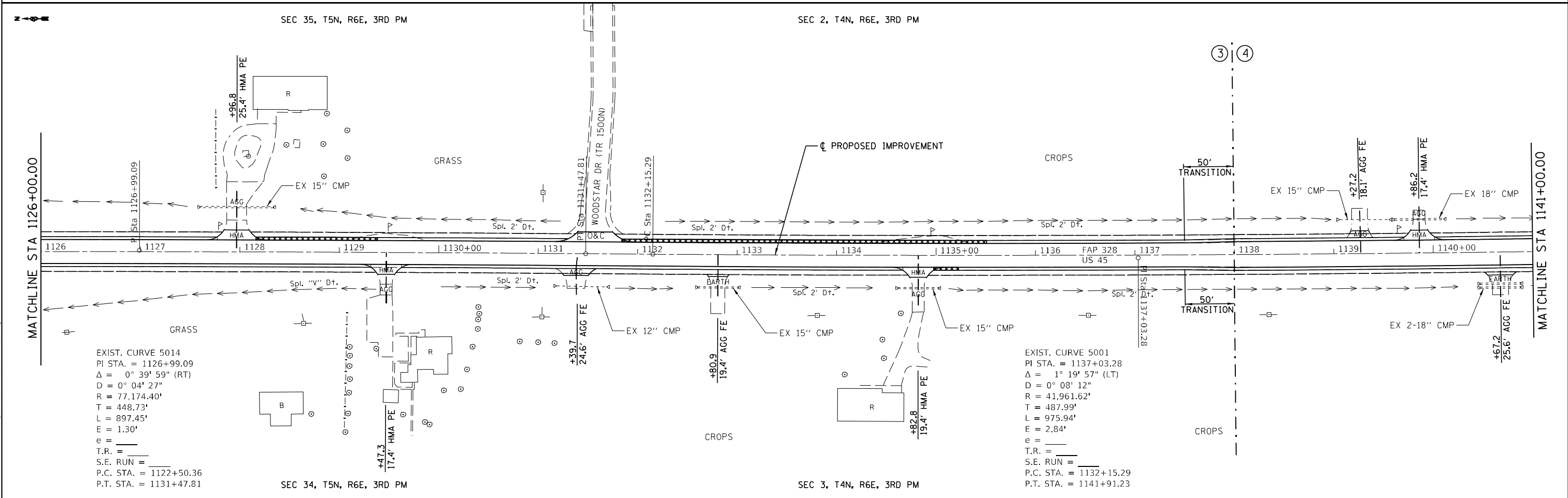
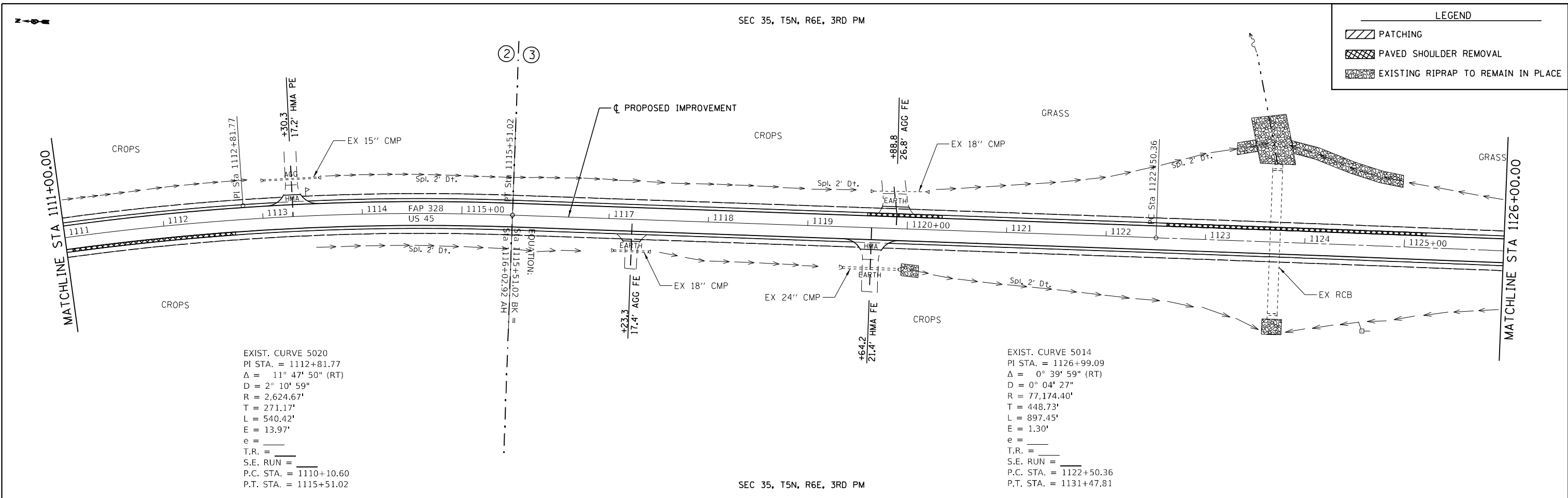
JOB = 2732.3	DESIGNED - CDS	REVISED -
FILE NAME = 2732.3-shi-plan.dgn	DRAWN - CD5	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 12/17/2023	DATE - 11/29/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA.	TO STA.
		328	(4,5)RS-2		

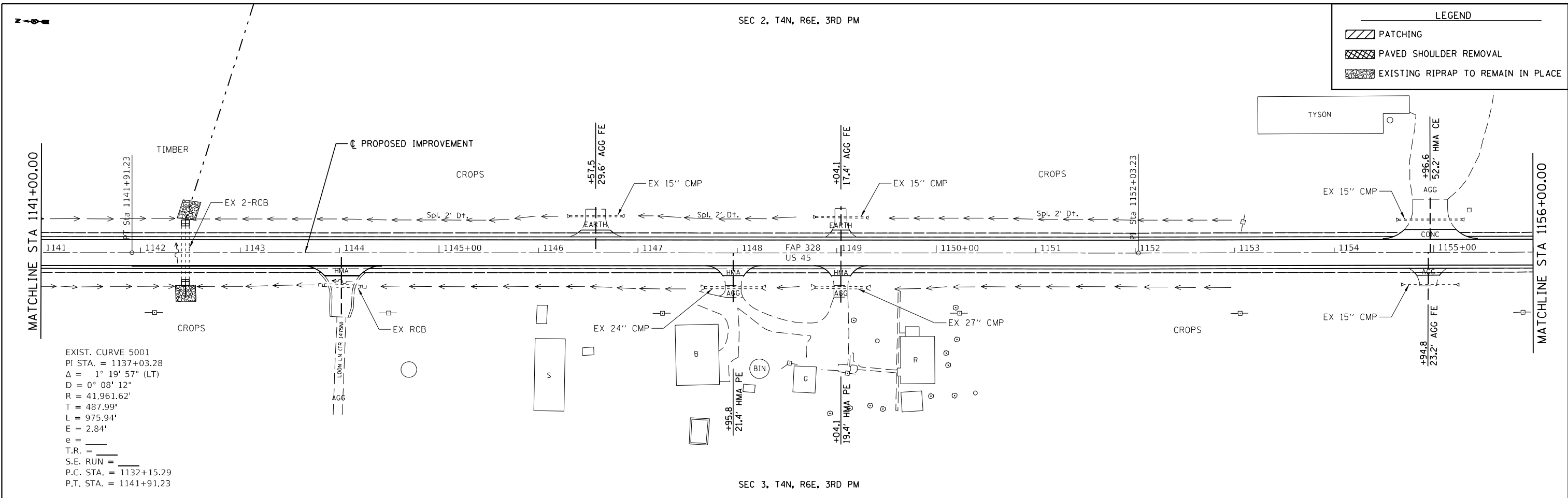
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	21
CONTRACT NO. 74888				
ILLINOIS		FED. AID PROJECT		

SEC 34, T5N, R6E, 3RD PM



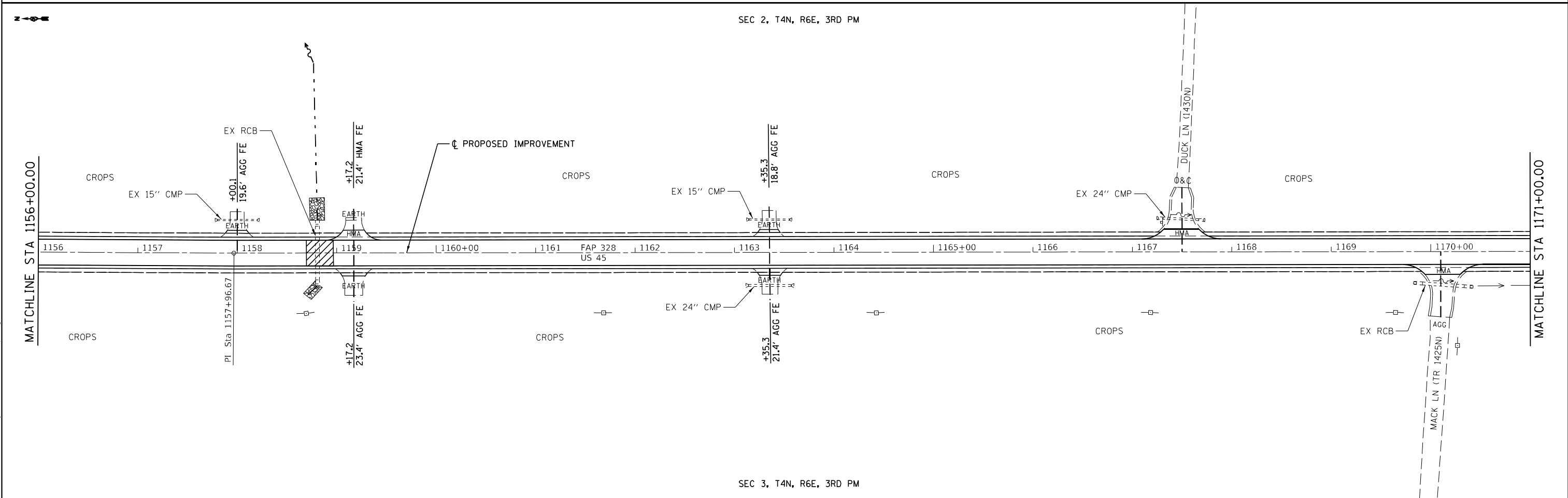
CEC ENGINEERS & SURVEYORS	Cummins Engineering Corporation	JOB = 2732.3	DESIGNED - CDS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN	F.A.P. RTE. 328	SECTION (4,5)RS-2	COUNTY CLAY	TOTAL SHEETS 32	SHEET NO. 22
		FILE NAME = 2732.3-shi-plan.dgn	DRAWN - CD5	REVISED -			CONTRACT NO. 74888			ILLINOIS FED. AID PROJECT	
		PLOT SCALE = 100,000' / in.	CHECKED - CGF	REVISED -							
		DATE = 11/29/2023	DATE = 11/29/2023	REVISED -							
		PLOT DATE = 12/17/2023									

MODEL: Default
FILE NAME: 2732.3-D-7_US_45_3P_Overlay\CADD\Sheet2732.3-shi-plan.dgn



EXIST. CURVE 5001
 PI STA. = 1137+03.28
 $\Delta = 1^\circ 19' 57''$ (LT)
 $D = 0^\circ 08' 12''$
 $R = 41,961.62'$
 $T = 487.99'$
 $L = 975.94'$
 $E = 2.84'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 1132+15.29$
 $P.T. STA. = 1141+91.23$

LEGEND	
	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE



SEC 3, T4N, R6E, 3RD PM

MODEL: Default
 FILE NAME: 2732.3-D-7_US_45_3P_Overlay\CADD\Sheets\2732.3-shi-plan.dgn



JOB = 2732.3
 FILE NAME = 2732.3-shi-plan.dgn
 PLOT SCALE = 100,000' / in.
 PLOT DATE = 12/17/2023

DESIGNED -	CDS	REVISED -	
DRAWN -	CD5	REVISED -	
CHECKED -	CGF	REVISED -	
DATE -	11/29/2023	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

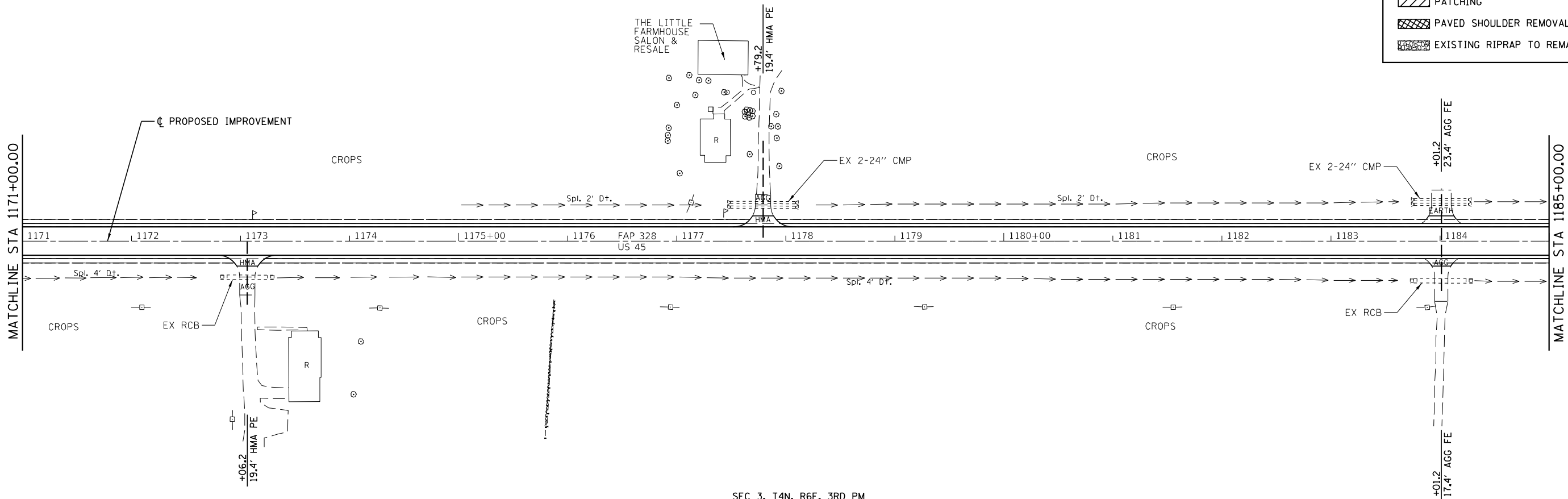
PLAN				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	23
CONTRACT NO. 74888				
ILLINOIS FED. AID PROJECT				



SEC 2, T4N, R6E, 3RD PM

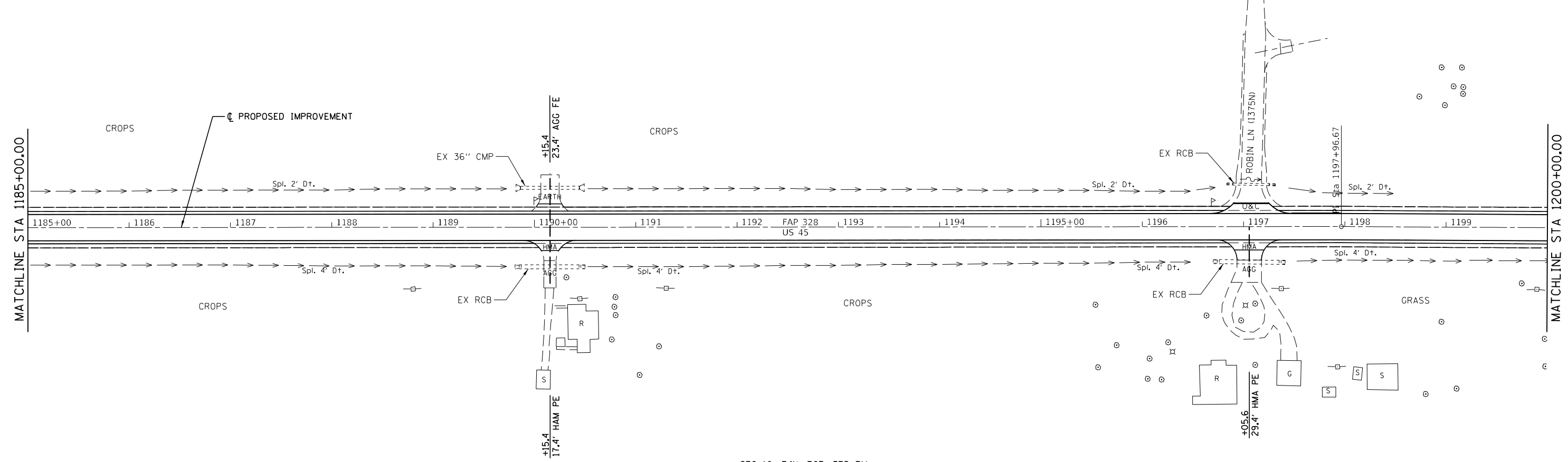
LEGEND	
	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE



SEC 3, T4N, R6E, 3RD PM



SEC 11, T4N, R6E, 3RD PM



SEC 10, T4N, R6E, 3RD PM

MODEL: Default
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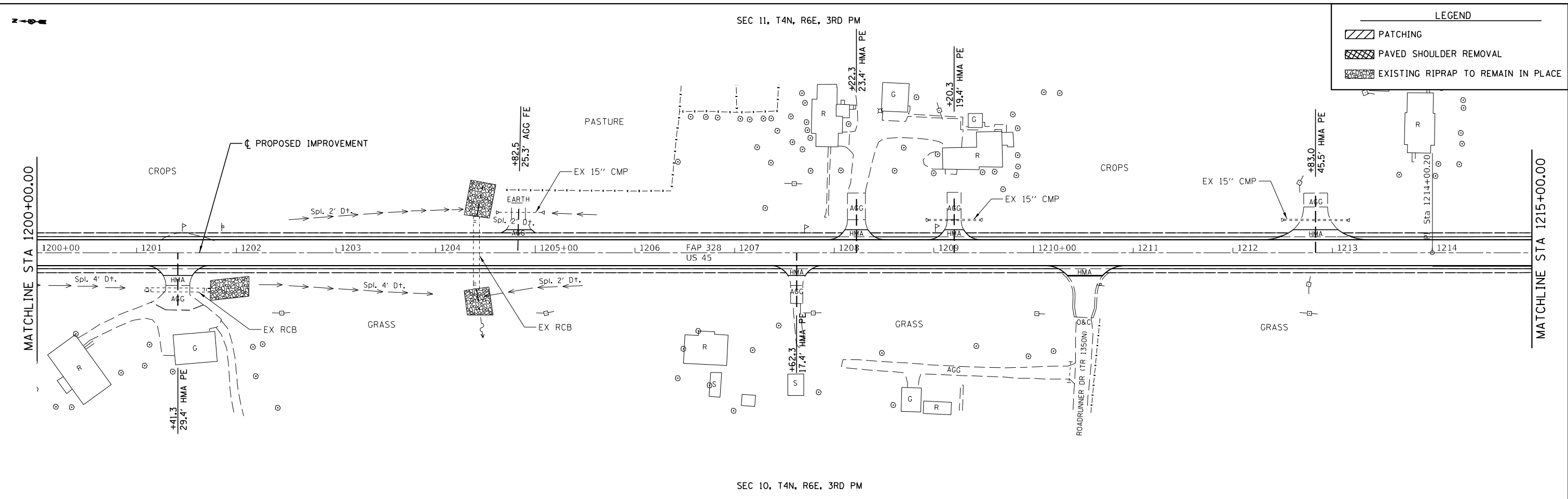
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FILE NAME = 2732.3-shi-plan.dgn	DRAWN - CD5	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 12/17/2023	DATE - 11/29/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:		SHEET OF SHEETS		STA.	TO STA.
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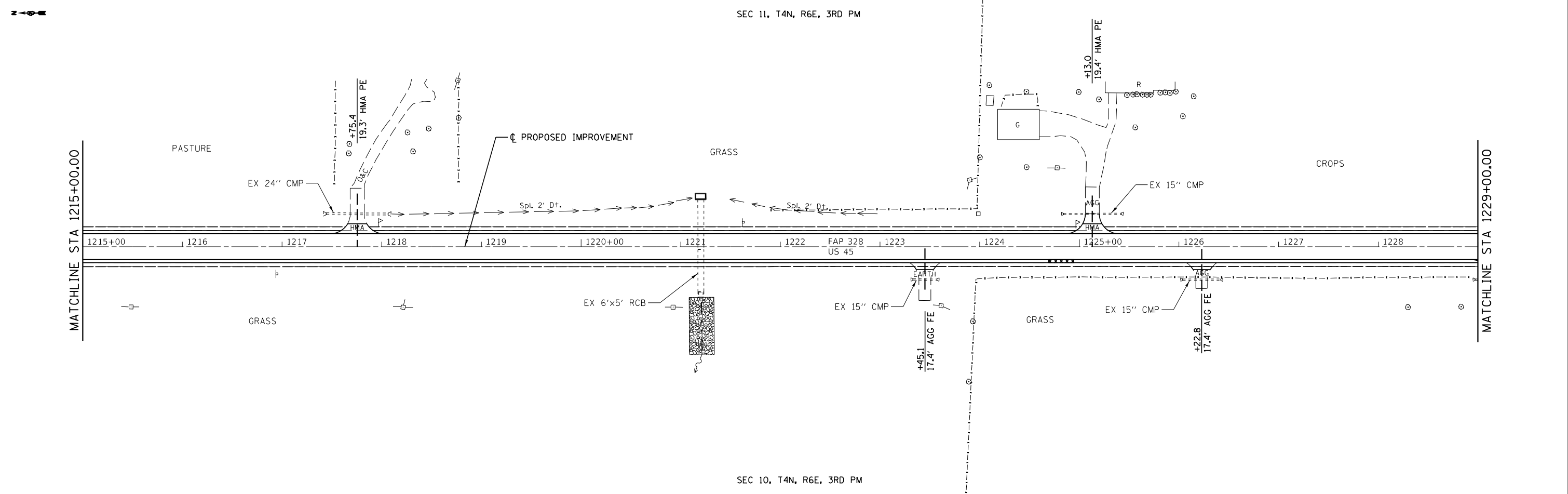
PLAN

F.A.P. RTE. 328	SECTION (4,5)RS-2	COUNTY CLAY	TOTAL SHEETS 32	SHEET NO. 24
CONTRACT NO. 748B88				
ILLINOIS FED. AID PROJECT				



LEGEND

	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE



MODEL Path: \\...
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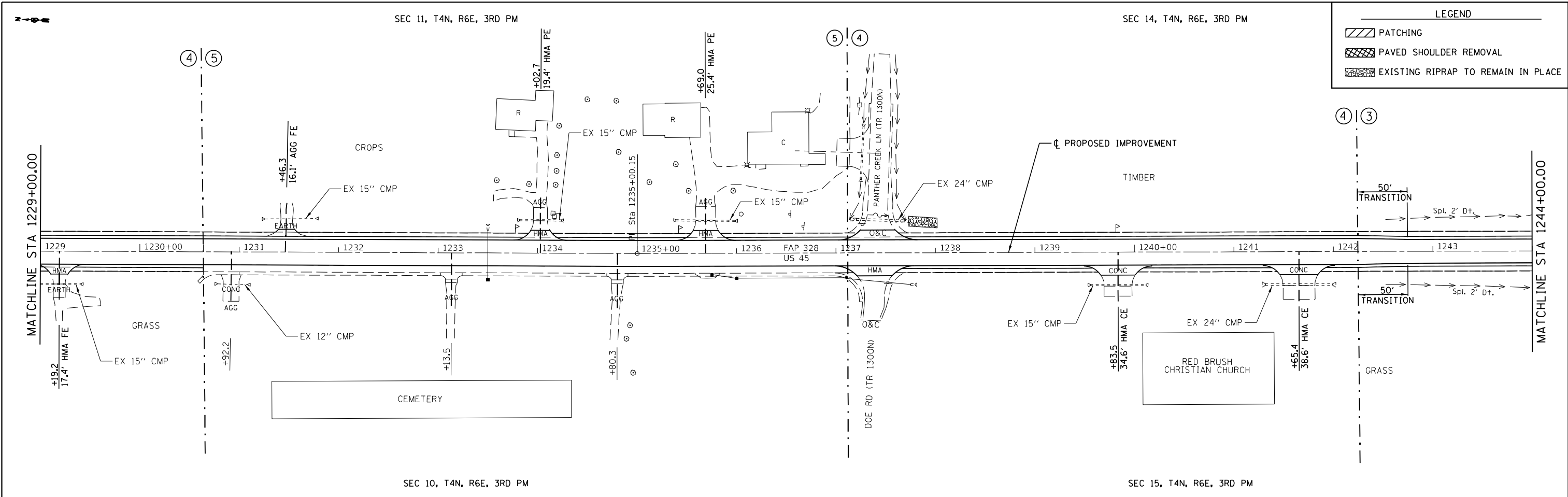
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PLOT SCALE = 100,000' / in.
PLOT DATE = 12/17/2023

DESIGNED - CDS	REVISED -
DRAWN - CD5	REVISED -
CHECKED - CGF	REVISED -
DATE - 11/29/2023	REVISED -

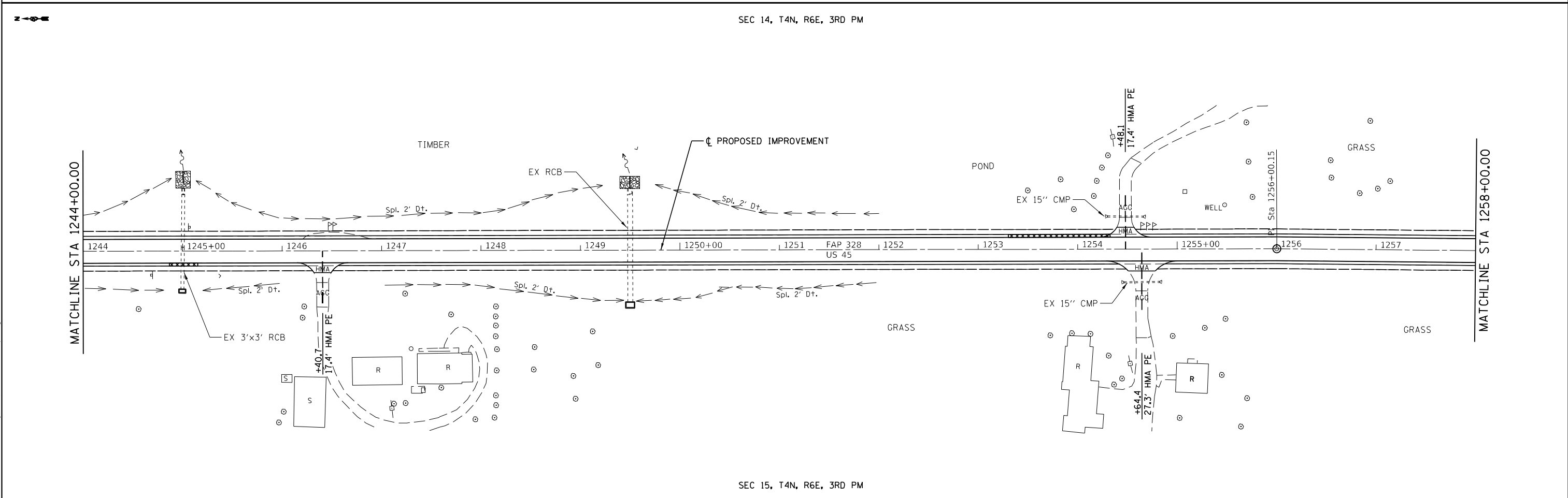
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (4,5)RS-2	COUNTY CLAY	TOTAL SHEETS 32	SHEET NO. 25
CONTRACT NO. 74888				
ILLINOIS FED. AID PROJECT				



LEGEND	
	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE



CEC Cummins
Engineering
Corporation
ENGINEERS & SURVEYORS

JOB = 2732.3	DESIGNED - CDS	REVISED -
FILE NAME = 2732.3-shi-plan.dgn	DRAWN - CDS	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 12/17/2023	DATE - 11/29/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.

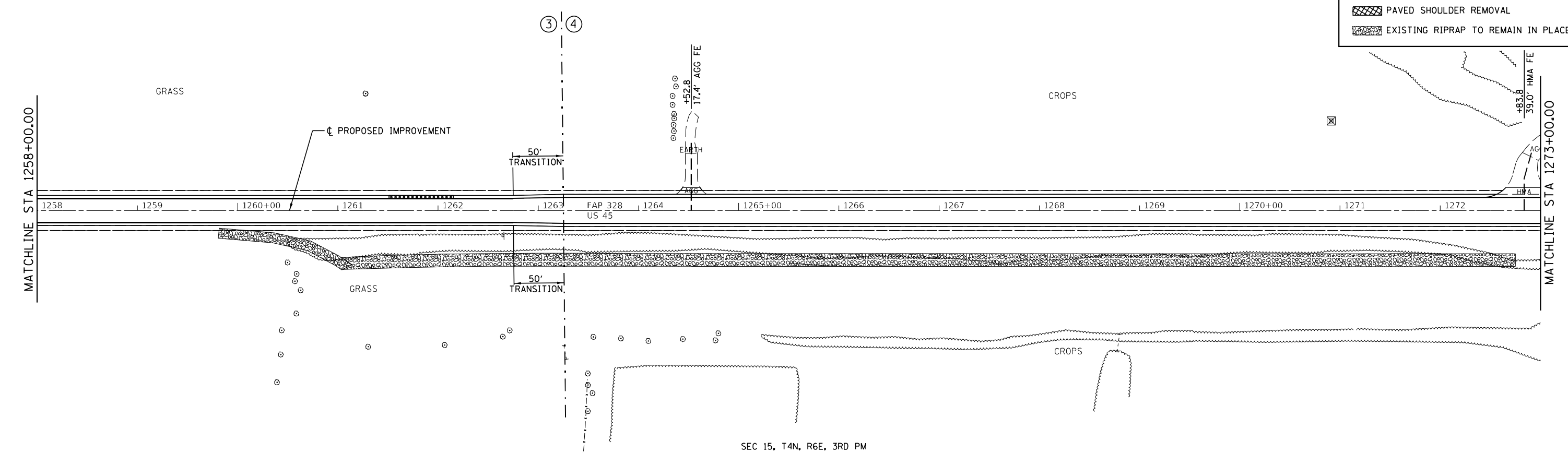
F.A.P. RTE. 328	SECTION (4,5)RS-2	COUNTY CLAY	TOTAL SHEETS 32	SHEET NO. 26
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				

MODEL Path: \\...
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SEC 14, T4N, R6E, 3RD PM

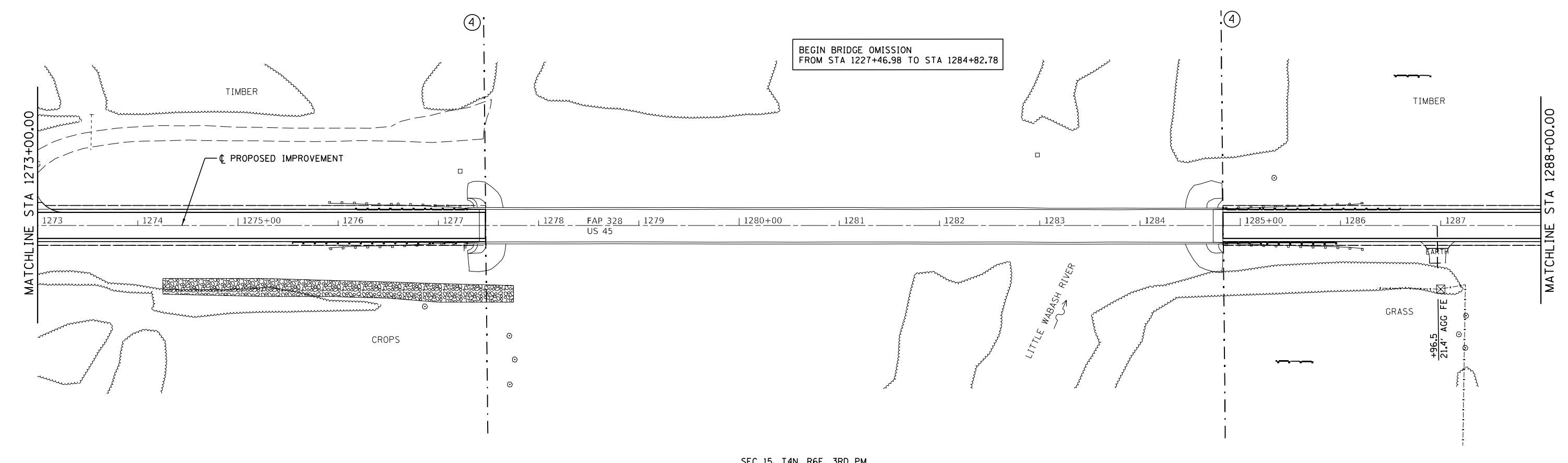
LEGEND

	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE



SEC 15, T4N, R6E, 3RD PM

SEC 14, T4N, R6E, 3RD PM



SEC 15, T4N, R6E, 3RD PM

MODEL: Default
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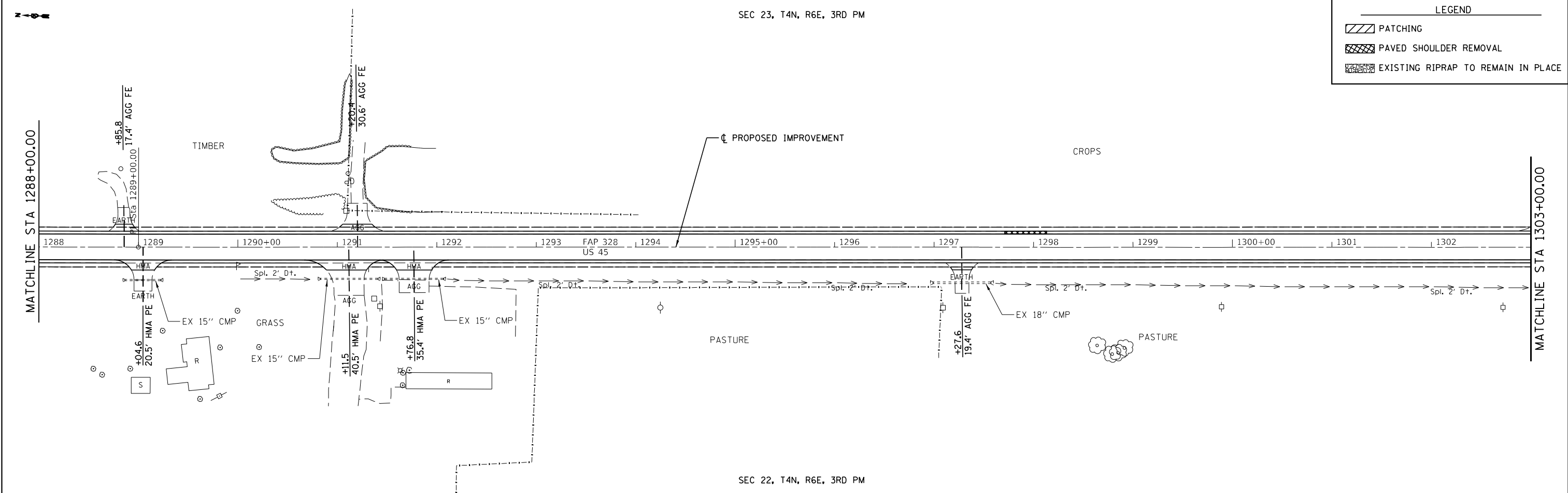


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PLOT SCALE = 100,000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 12/17/2023	DATE - 11/29/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

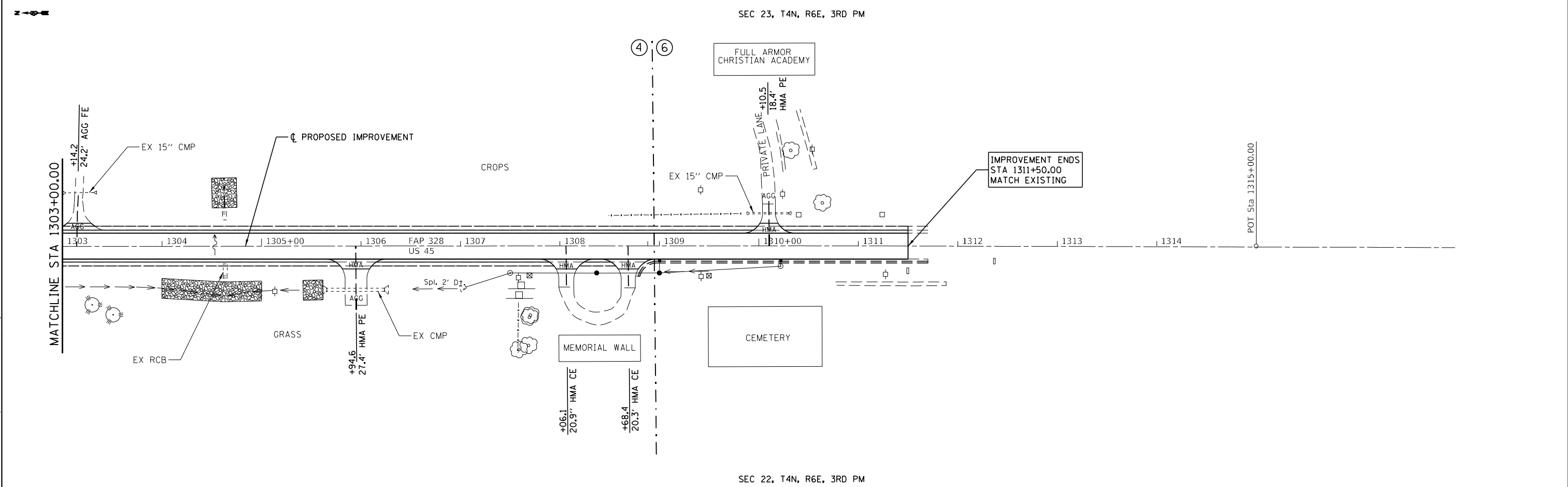
PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	27
CONTRACT NO. 74888				
ILLINOIS FED. AID PROJECT				



LEGEND

	PATCHING
	PAVED SHOULDER REMOVAL
	EXISTING RIPRAP TO REMAIN IN PLACE



MODEL Path: \\s01\proj\2732.3\Drawings\CADD\Sheets\2732.3-shi-plan.dgn
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JOB = 2732.3
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 PLOT SCALE = 100,000 ' / in.
 PLOT DATE = 12/17/2023

DESIGNED -	CDS	REVISED -	
DRAWN -	CD5	REVISED -	
CHECKED -	CGF	REVISED -	
DATE -	11/29/2023	REVISED -	

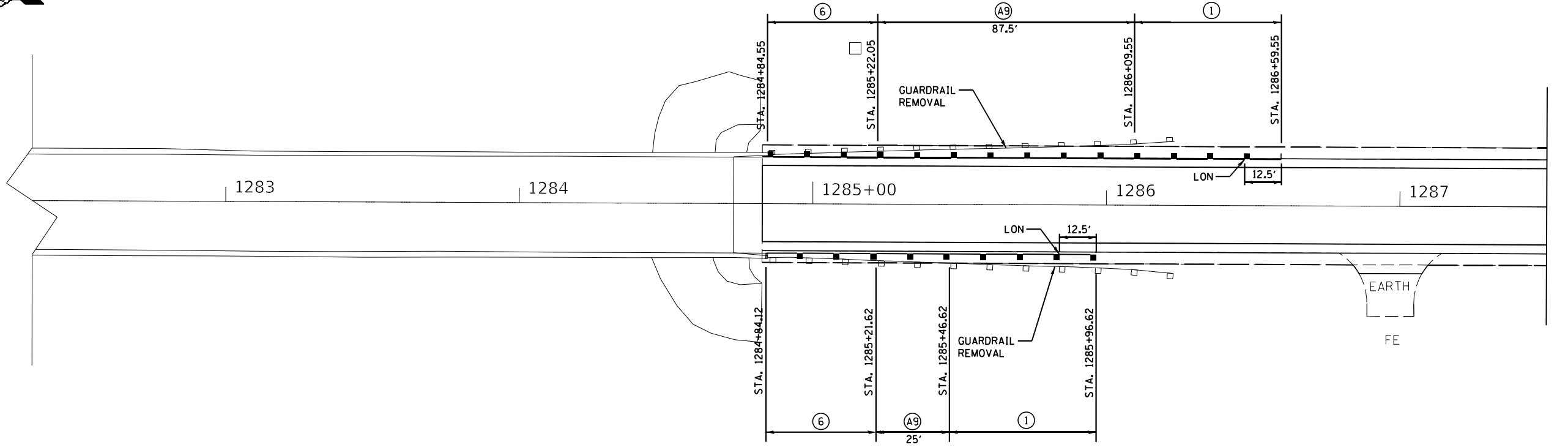
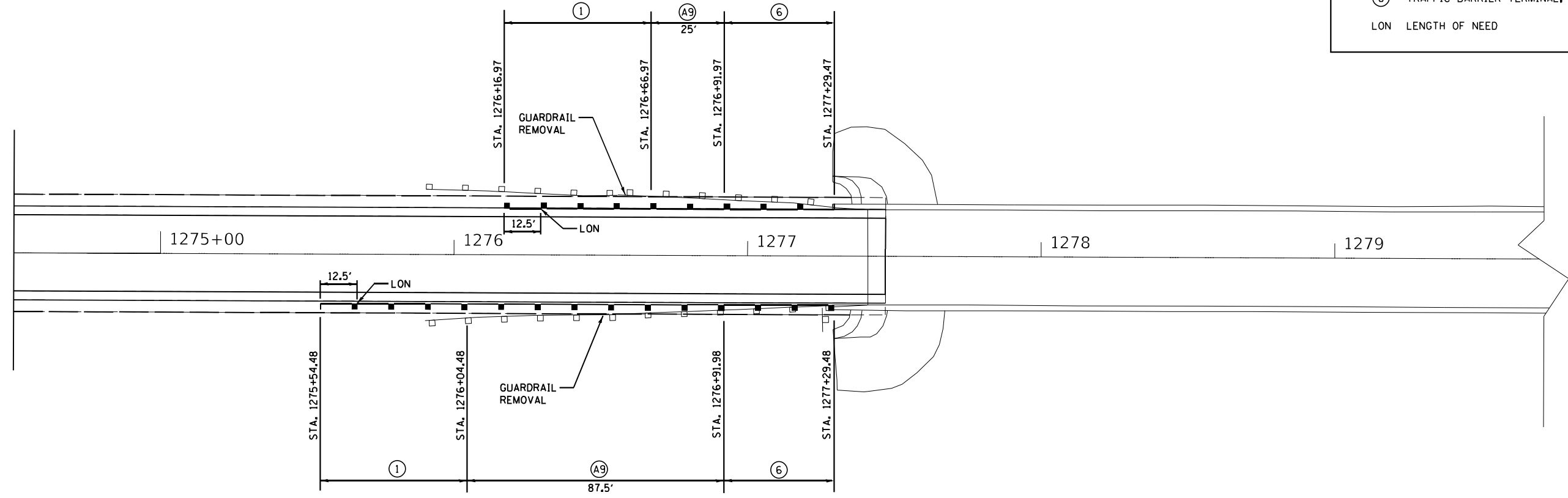
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	28
CONTRACT NO. 74888				
ILLINOIS FED. AID PROJECT				

LEGEND	
(A9)	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
(1)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
(6)	TRAFFIC BARRIER TERMINAL, TYPE 6
LON	LENGTH OF NEED



MAJOR COLLECTOR
ADT 3212 (2023)
DESIGN SPEED 50 MPH

MODEL: Default
FILE NAME: 2732_3-ehh-GR plan.dgn



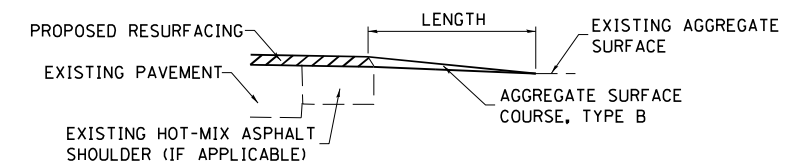
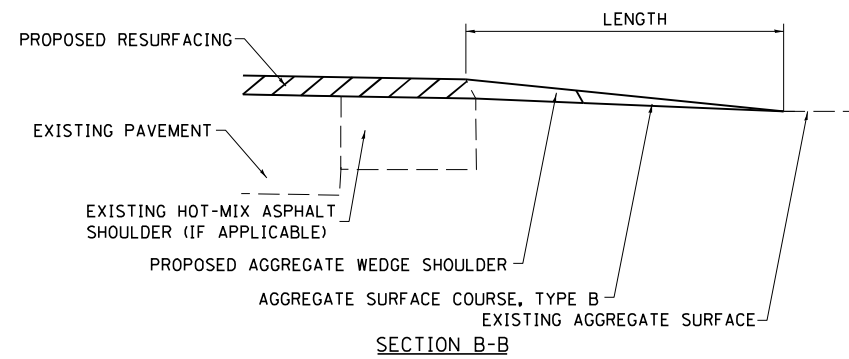
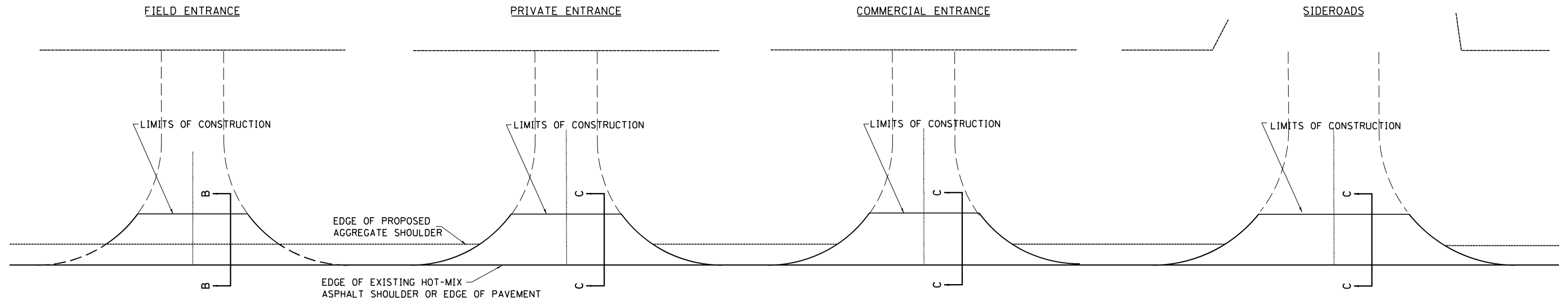
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PLOT SCALE = 40,000' / in.	CHECKED - CGF	REVISED -
PLOT DATE = 12/17/2023	DATE - 11/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

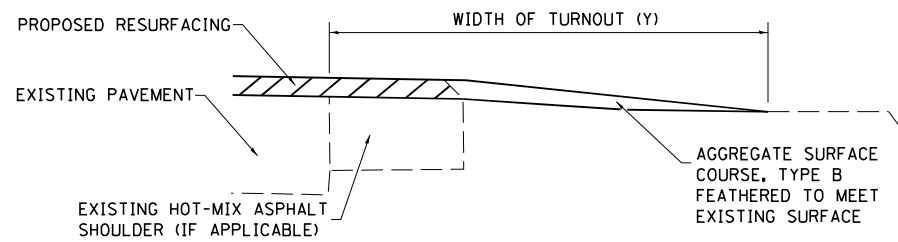
GUARDRAIL DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	29
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				

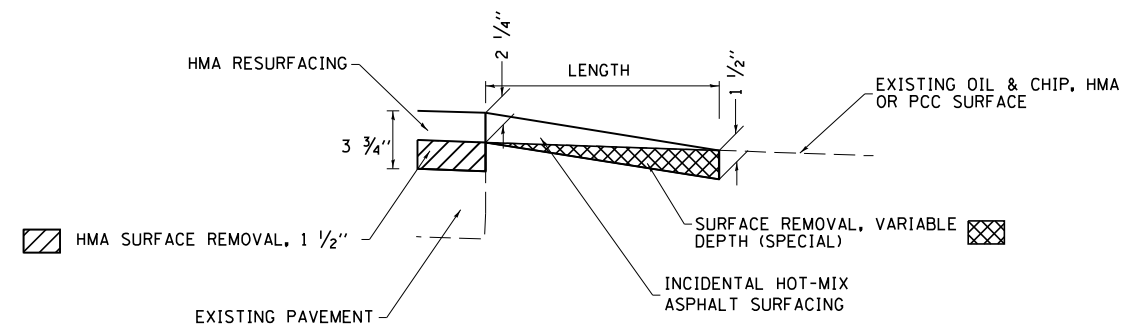


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



SECTION C-C

NOTES

LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

MODEL: Default
FILE NAME: 10127233.D-7 US 45 3P Overlay/CADD/Sheets/27233-3-sh-ENT-Designed Overlay.dgn

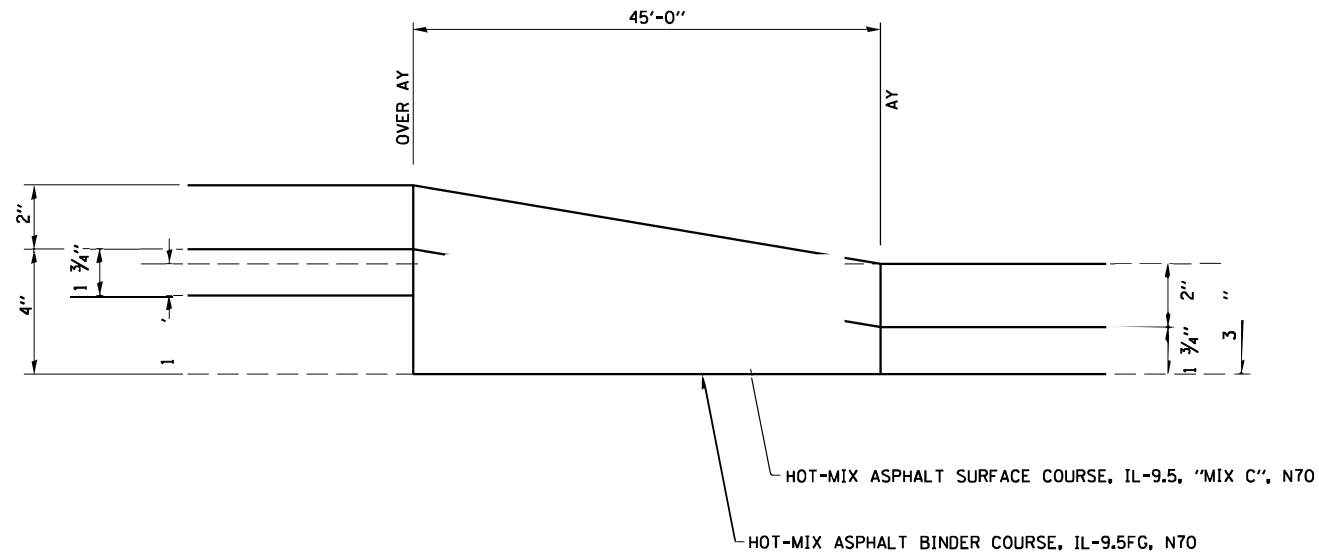
USER NAME = cflzpatrick	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/17/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 328	SECTION (4,5)RS-2	COUNTY CLAY	TOTAL SHEETS 32	SHEET NO. 30
			CONTRACT NO. 74B88	
		ILLINOIS FED. AID PROJECT		



INLAY / OVERLAY TRANSITION DETAIL

STA 1230+19.00 TO STA 1230+64.00
 STA 1236+98.66 TO STA 1237+43.66
 STA 1308+49.91 TO STA 1308+94.91

REV. - MS

MODEL: Default
 FILE NAME: I:\2723.3 D-7 US 45 3P Overlay\CADD\Sheets\2723-3-dtl-inlay-overlay-Transition Detail.dgn



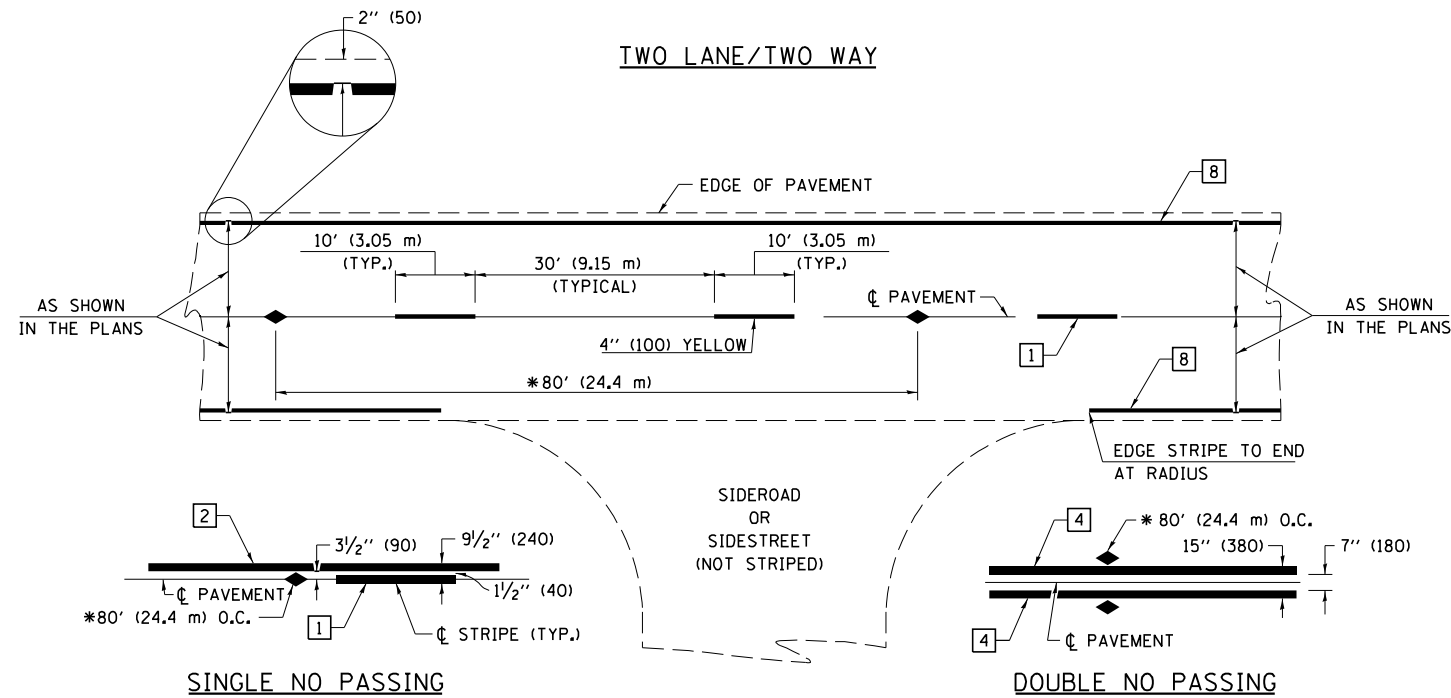
DESIGNED - CGF	REVISED -
DRAWN - CGF	REVISED -
CHECKED - CDS	REVISED -
DATE - 12/01/2023	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INLAY / OVERLAY TRANSITION DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

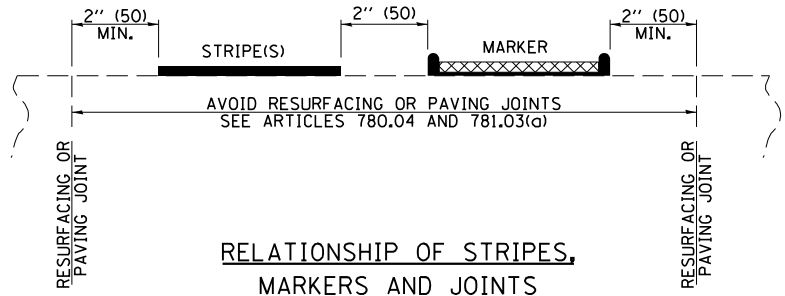
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	31
CONTRACT NO. 74B88				



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

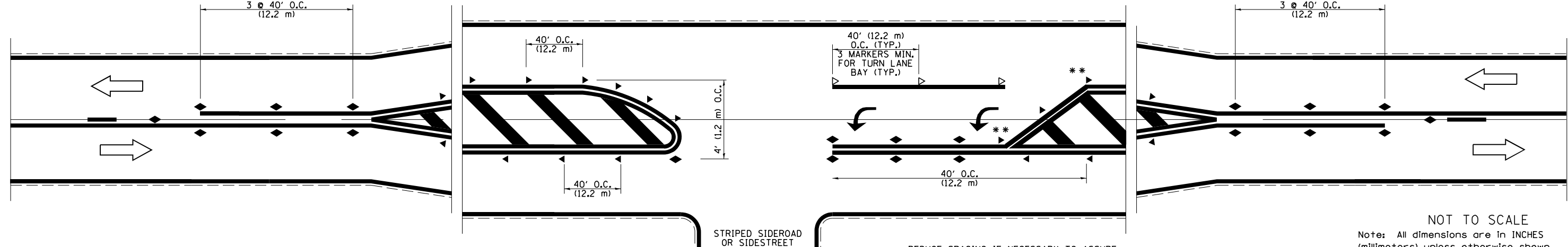
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.



TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RAISED REFLECTIVE PAVEMENT MARKERS



** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 78000001

MODEL: Default
FILE NAME: 12127323.D-7_US_45_3P_Overlay/CADD/Sheet78000001.dgn



JOB = 2732.3	DESIGNED - CGF	REVISED -
FILE NAME = 78000001.dgn	DRAWN - CD5	REVISED -
PLOT SCALE = 2.0000" / 1"	CHECKED -	REVISED -
PLOT DATE = 12/17/2023	DATE - 12/01/2023	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328	(4,5)RS-2	CLAY	32	32
CONTRACT NO. 74B88				
ILLINOIS FED. AID PROJECT				