F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		ST. CLAIR	140	1
FED. ROAD DIST. NO.	ILLINOIS			

INDEX OF SHEETS

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IDOT HIGHWAY STANDARDS

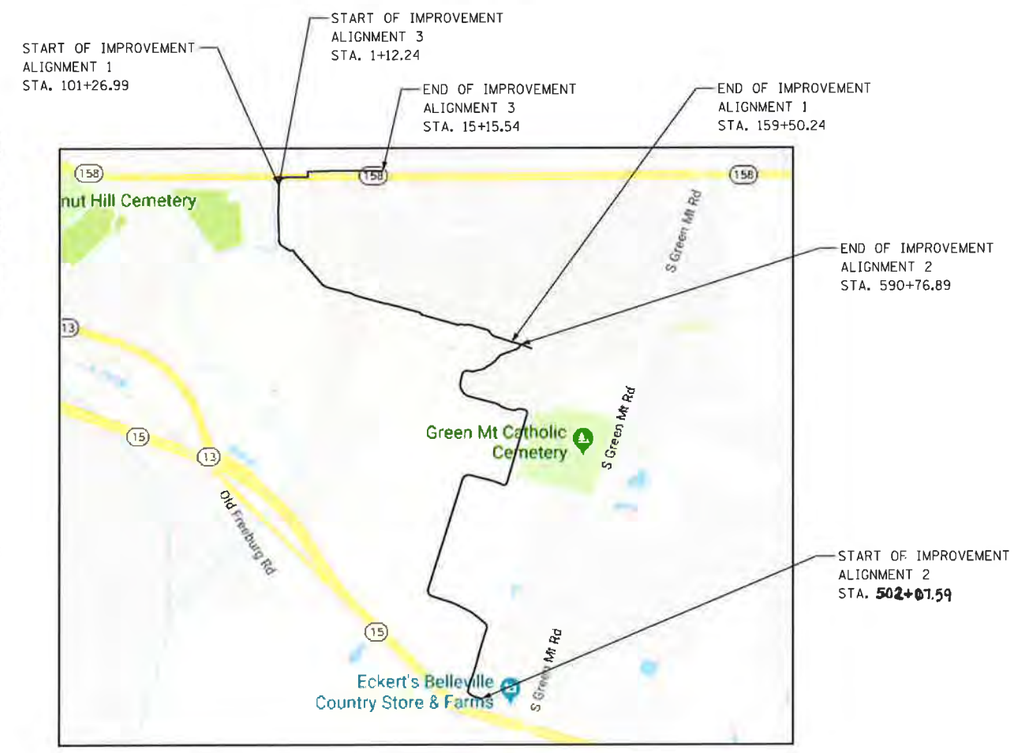
(INSERTED AT END OF DRAWING SET)

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424026-02	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542401-03	METAL FLARED END SECTION FOR PIPE CULVERTS
602301-04	INLET - TYPE A
604036-03	GRATE TYPE 8
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001-02	CHAIN LINK FENCE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
B.L.R. 22-7	TYP. APP. OF TRAFFIC CONTROL DEVICES FOR CONST. ON RURAL LOCAL HWYS

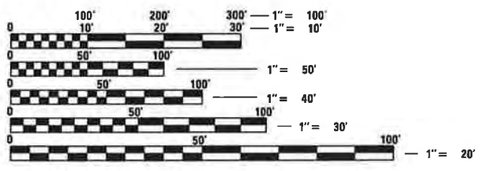
ST. CLAIR COUNTY TRANSIT DISTRICT

PLANS FOR PROPOSED ORCHARD LOOP TRAIL PHASE 1

ST. CLAIR COUNTY
2018



NOT TO SCALE



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

GROSS LENGTH = 16,290.23' (3.085 MILES)
NET LENGTH = 14,688.23' (2.782 MILES)

ALIGNMENT 1 GROSS LENGTH = 5823.25' (1.103 MILES)
ALIGNMENT 2 GROSS LENGTH = 9063.67' (1.717 MILES)
ALIGNMENT 3 GROSS LENGTH = 1403.31' (0.266 MILES)

KENNETH SHARKEY 4/2/18
SCCTD DATE

CHRIS ECKERT 3/30/18
ECKERT LAND CO. DATE

LICENSED PROFESSIONAL ENGINEER JEFFREY R. REIS 062-063262 STATE OF ILLINOIS

JEFFREY R. REIS, P.E. 3/30/18
LICENSE NO. 062-063262 EXPIRATION DATE 11-30-2019

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

St Clair County Transit District

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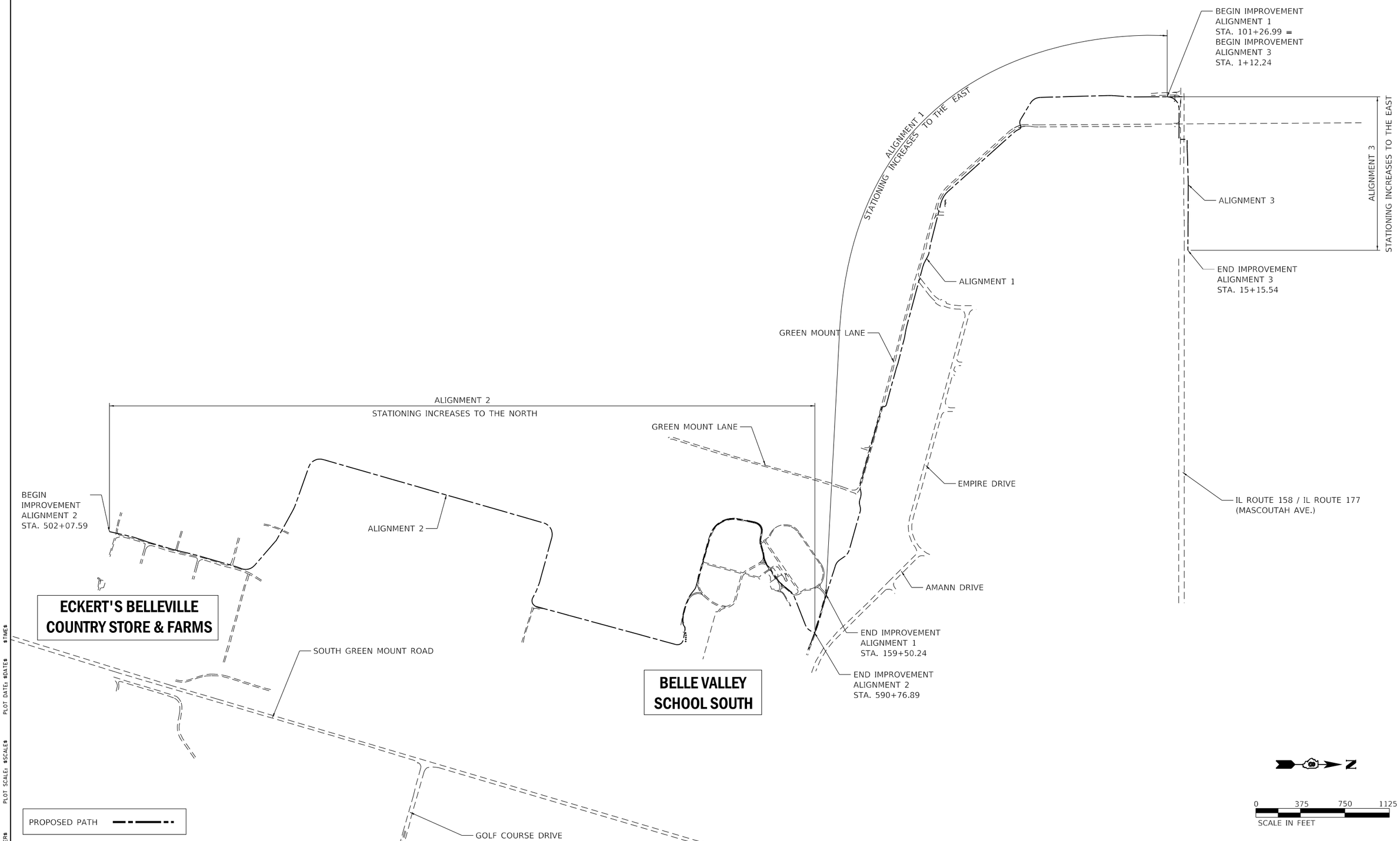

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DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

FILE NAME: $FILES$

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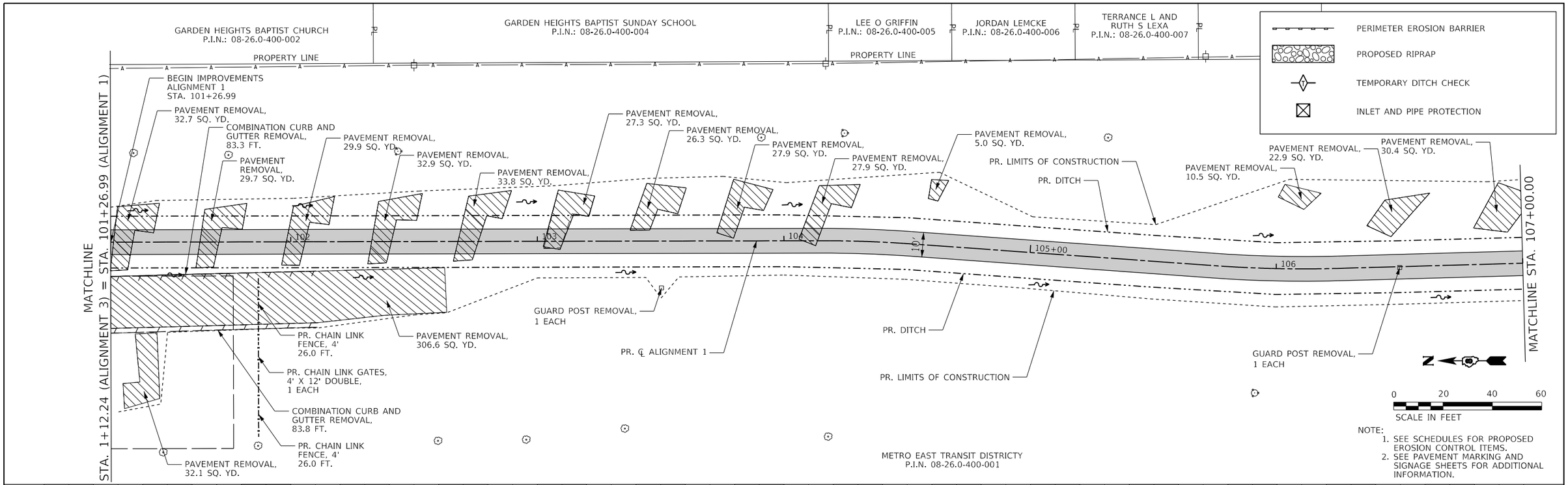
LOCATION MAP

	PROJECT	JOB NO.
SCALE: 1" = 375'	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	5

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 1

PROJECT | JOB NO.
SCALE: 1" = 20' | SHEET NO. 1 OF 11 SHEETS | STA. 101+26.99 TO STA. 107+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	26

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

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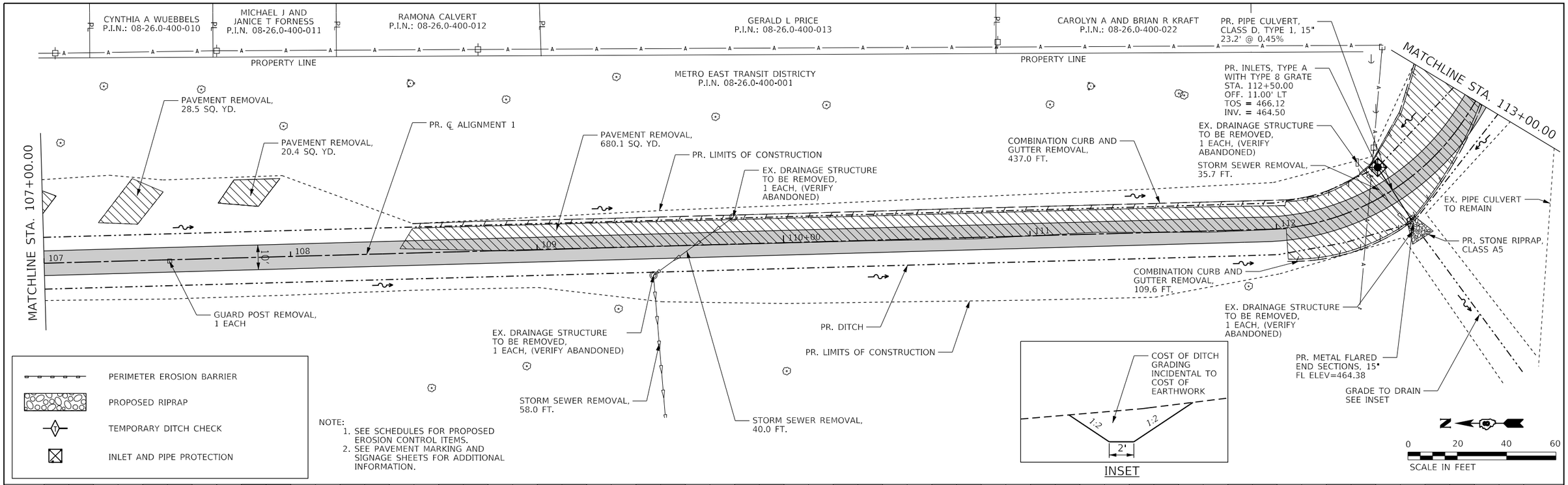
FILE NAME: 130149-PlnPrf04.dgn



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DATE - 03/2018	REVISED -		

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St Clair County Transit District

PLAN AND PROFILE
ALIGNMENT 1

PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 2 OF 11 SHEETS	STA. 107+00.00 TO STA. 113+00.00

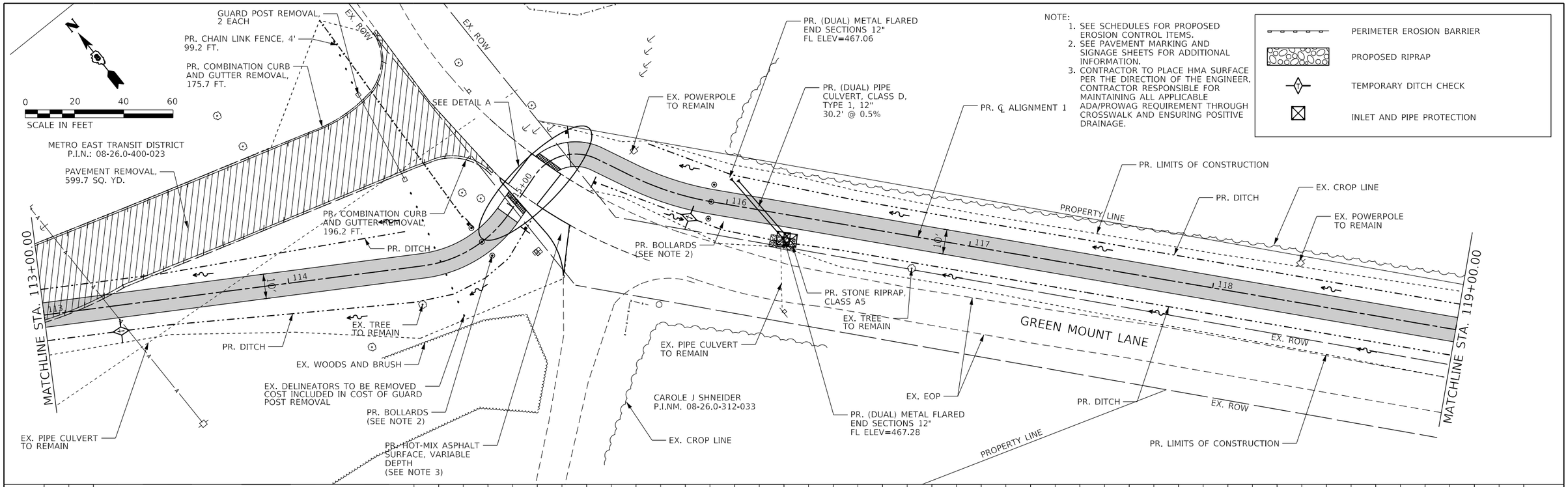
Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	27

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO PLACE HMA SURFACE PER THE DIRECTION OF THE ENGINEER. CONTRACTOR RESPONSIBLE FOR MAINTAINING ALL APPLICABLE ADA/PROWAG REQUIREMENT THROUGH CROSSWALK AND ENSURING POSITIVE DRAINAGE.

PERIMETER EROSION BARRIER
PROPOSED RIPRAP
TEMPORARY DITCH CHECK
INLET AND PIPE PROTECTION



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DRAWN - EKS/TMG	REVISED -		
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PLAN AND PROFILE ALIGNMENT 1

	PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 3 OF 11 SHEETS	STA. 113+00.00 TO STA. 119+00.00

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	28

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

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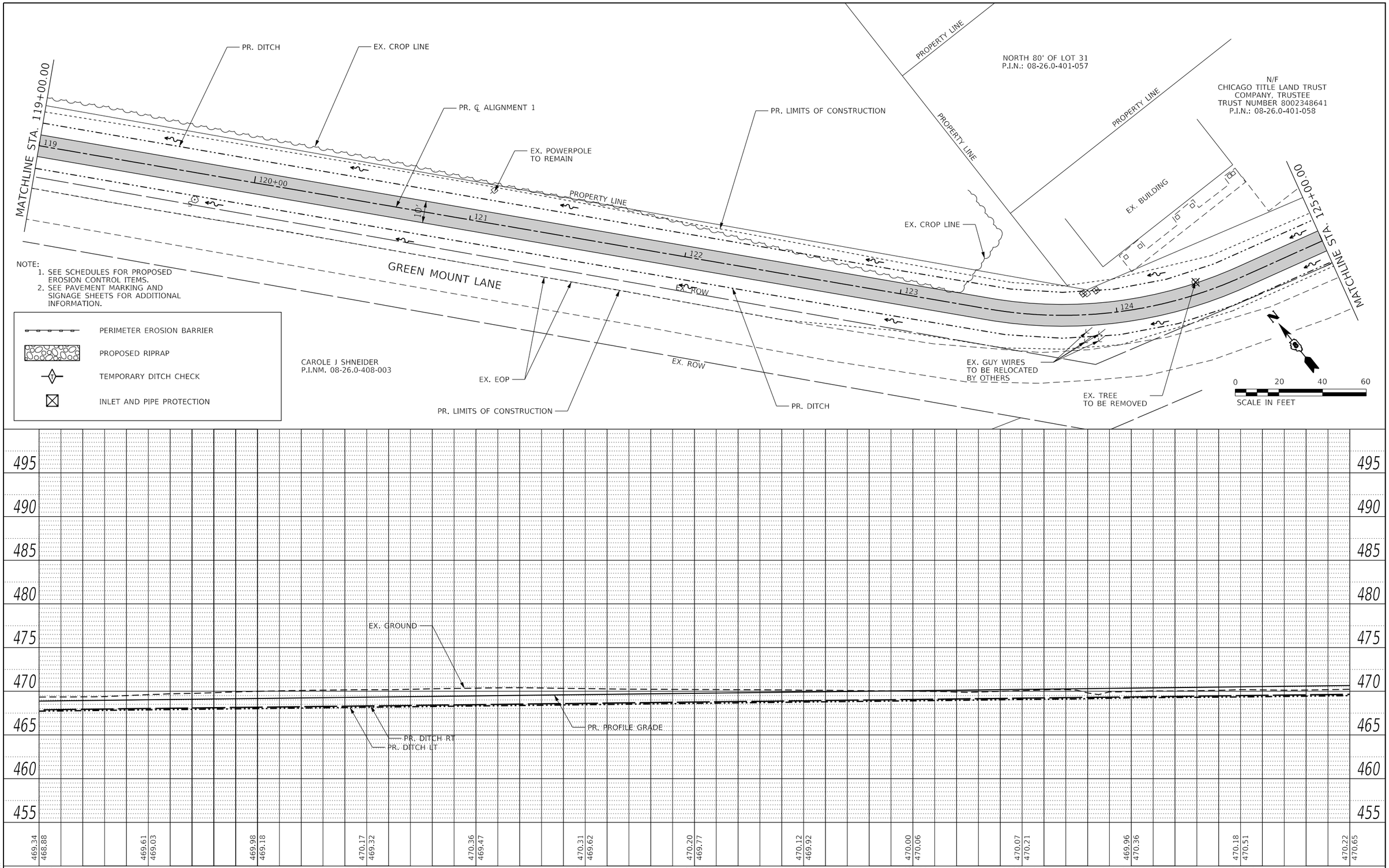

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PLAN AND PROFILE
ALIGNMENT 1

	PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 4 OF 11 SHEETS	STA. 119+00.00 TO STA. 125+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	29

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

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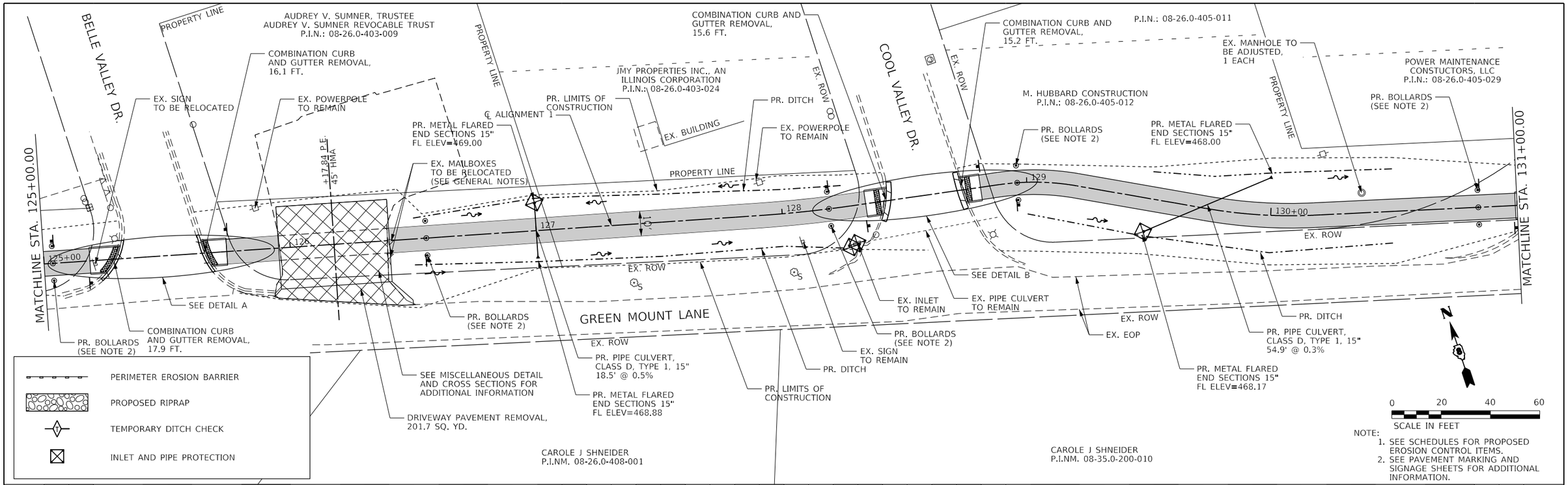

NOTE:
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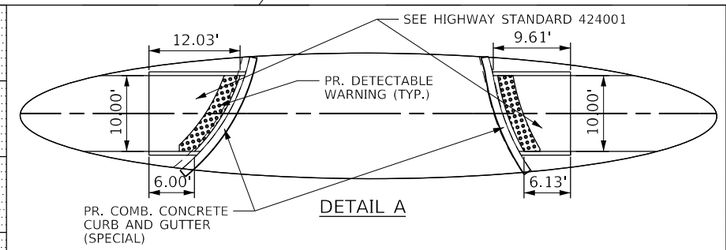
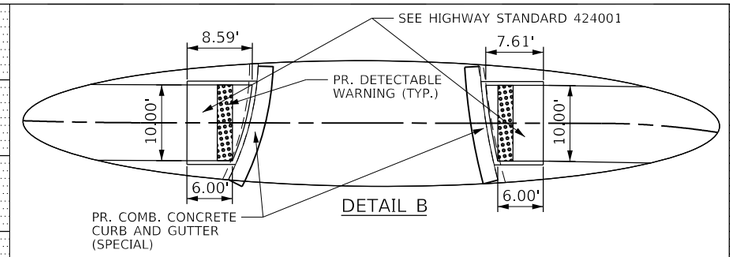
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.



NOTE:
1. SEE HIGHWAY STANDARD FOR GRADE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE RAMP IN ACCORDANCE WITH APPLICABLE ADA/PROWAG REQUIREMENTS.



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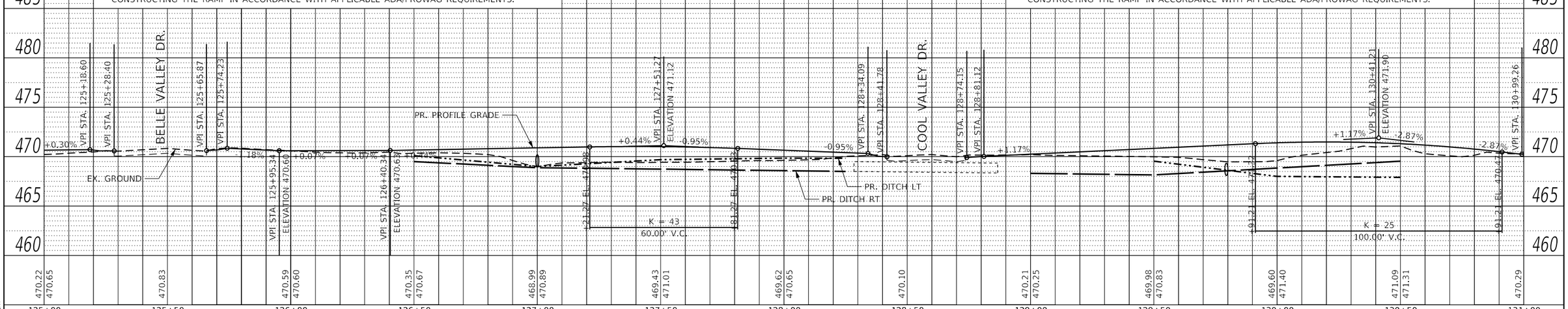

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PLAN AND PROFILE
ALIGNMENT 1

PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 5 OF 11 SHEETS
STA. 125+00.00 TO STA. 131+00.00	

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	30

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

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PERIMETER EROSION BARRIER
PROPOSED RIPRAP
TEMPORARY DITCH CHECK
INLET AND PIPE PROTECTION

LARRY F. GLAENZER
P.I.N.: 08-26.0-407-001

B&D INDUSTRIAL PROPERTIES, INC.,
AN ILLINOIS CORPORATION
P.I.N.: 08-26.0-407-002

LARRY F. GLAENZER
P.I.N.: 08-26.0-405-030

REHKEMPER PARTNERSHIP TRUST
P.I.N. 08-35.0-200-002

TOWER PLAZA

GREEN MOUNT LANE

MATCHLINE STA. 131+00.00

MATCHLINE STA. 137+00.00

PROPERTY LINE

EX. ROW

℄ ALIGNMENT 1

EX. DRAINAGE SYSTEM TO REMAIN

EX. MANHOLE TO BE ADJUSTED, 1 EACH

PR. METAL FLARED END SECTIONS 12" FL ELEV=469.82

PR. DITCH

PR. PIPE CULVERT, CLASS D, TYPE 1, 12" 26.0' @ 0.4%

MITERED PIPE END FL ELEV=470.88

+97.00 C.E. 12" PCC

PR. PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6" (SEE ENTRANCE DETAIL)

MITERED PIPE END FL ELEV=470.98

EX. MANHOLE TO BE ADJUSTED, 1 EACH

PR. LIMITS OF CONSTRUCTION

MITERED PIPE END FL ELEV=471.10

SEE DETAIL A

EX. MANHOLE TO BE ADJUSTED, 1 EACH

PR. BOLLARDS (SEE NOTE 2)

EX. GUY WIRE TO BE RELOCATED BY OTHERS

EX. PIPE CULVERT TO REMAIN

COMBINATION CURB AND GUTTER REMOVAL, 20.1 FT.

COMBINATION CURB AND GUTTER REMOVAL, 18.4 FT.

PR. PIPE CULVERT, CLASS D, TYPE 1, 12" 18.9' @ 0.5%

PR. METAL FLARED END SECTIONS 12" FL ELEV=469.94

PR. DITCH

EX. EOP

EX. TREE TO REMAIN UNLESS DIRECTED BY ENGINEER TO REMOVE (TYP.)

MITERED PIPE END FL ELEV=471.20

PR. PIPE CULVERT, CLASS D, TYPE 1, 12" 26.0' @ 0.4%

PR. HOT-MIX ASPHALT SURFACE, VARIABLE DEPTH

PR. LIMITS OF CONSTRUCTION

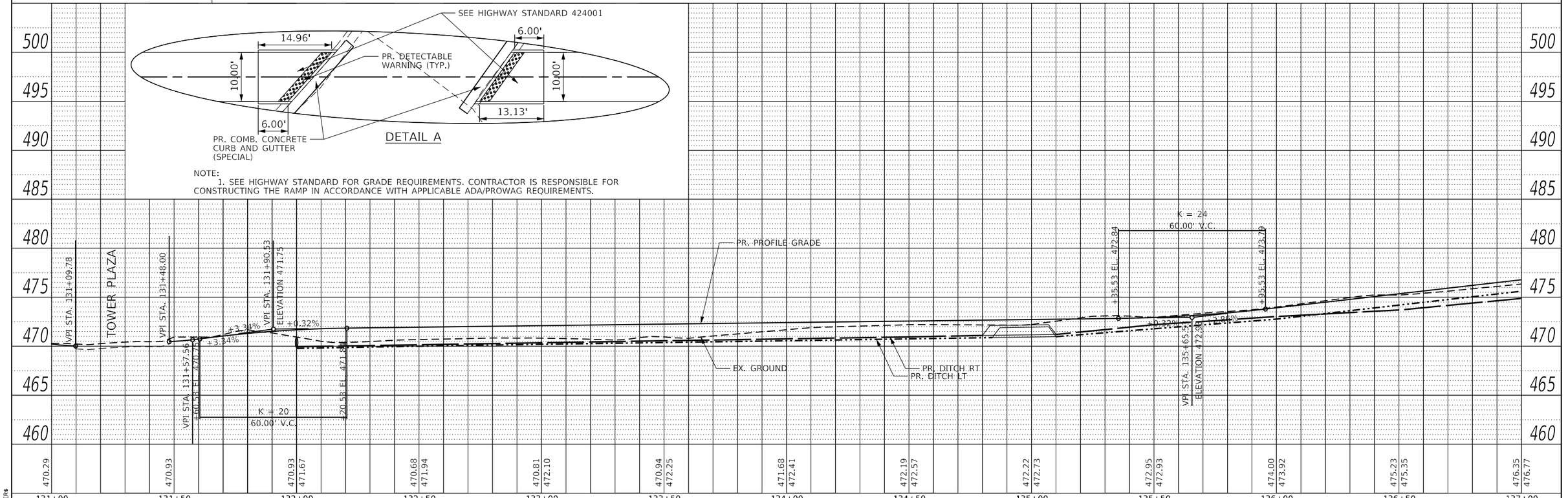
131 132 133 134 135+00 136

0 20 40 60
SCALE IN FEET

NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.

DETAIL A

NOTE:
1. SEE HIGHWAY STANDARD FOR GRADE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE RAMP IN ACCORDANCE WITH APPLICABLE ADA/PROWAG REQUIREMENTS.



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PLAN AND PROFILE ALIGNMENT 1

PROJECT	JOB NO.
SHEET NO. 6 OF 11 SHEETS	STA. 131+00.00 TO STA. 137+00.00

SCALE: 1" = 20'

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	31

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

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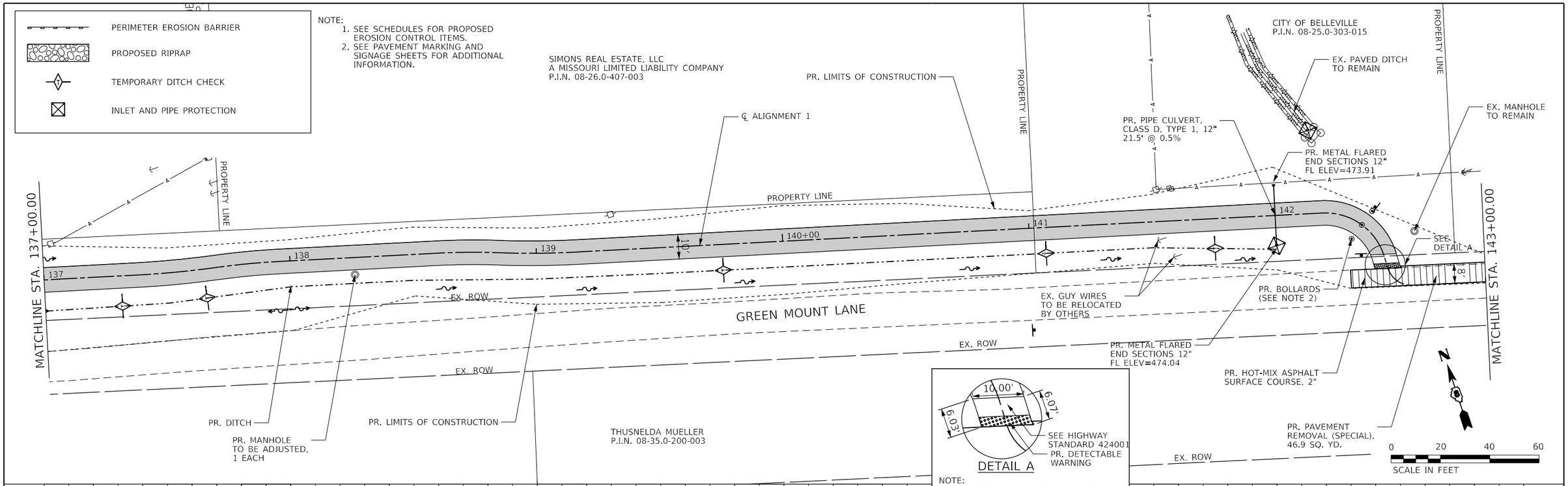
PERIMETER EROSION BARRIER

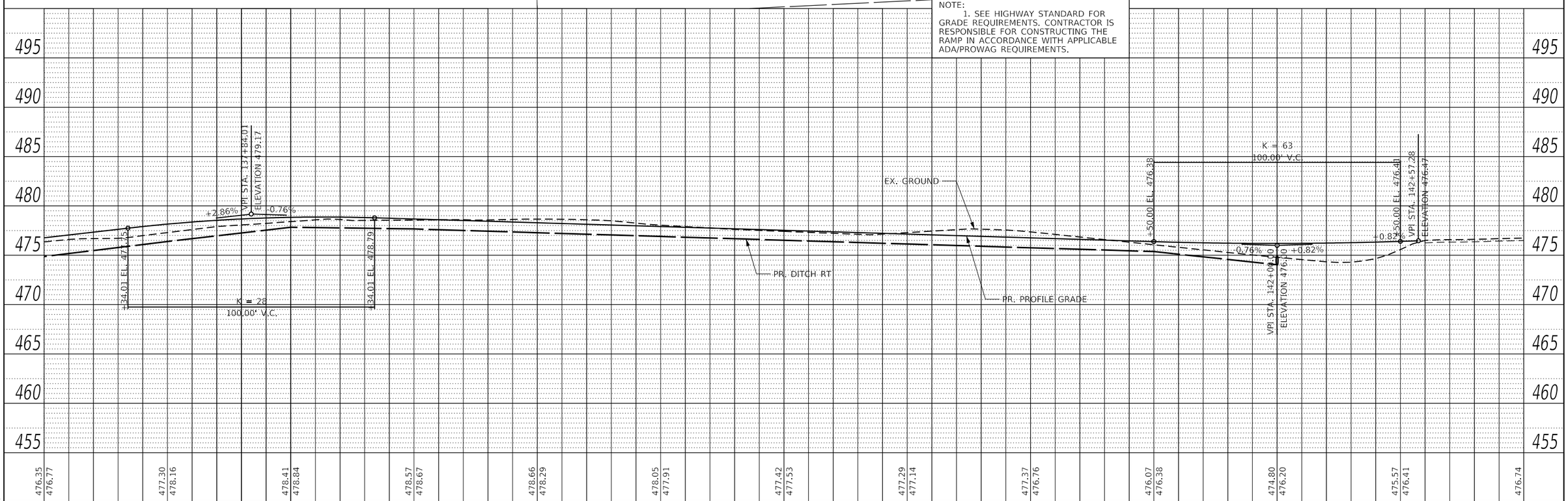
PROPOSED RIPRAP

TEMPORARY DITCH CHECK

INLET AND PIPE PROTECTION

NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.





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SCTD St Clair County Transit District

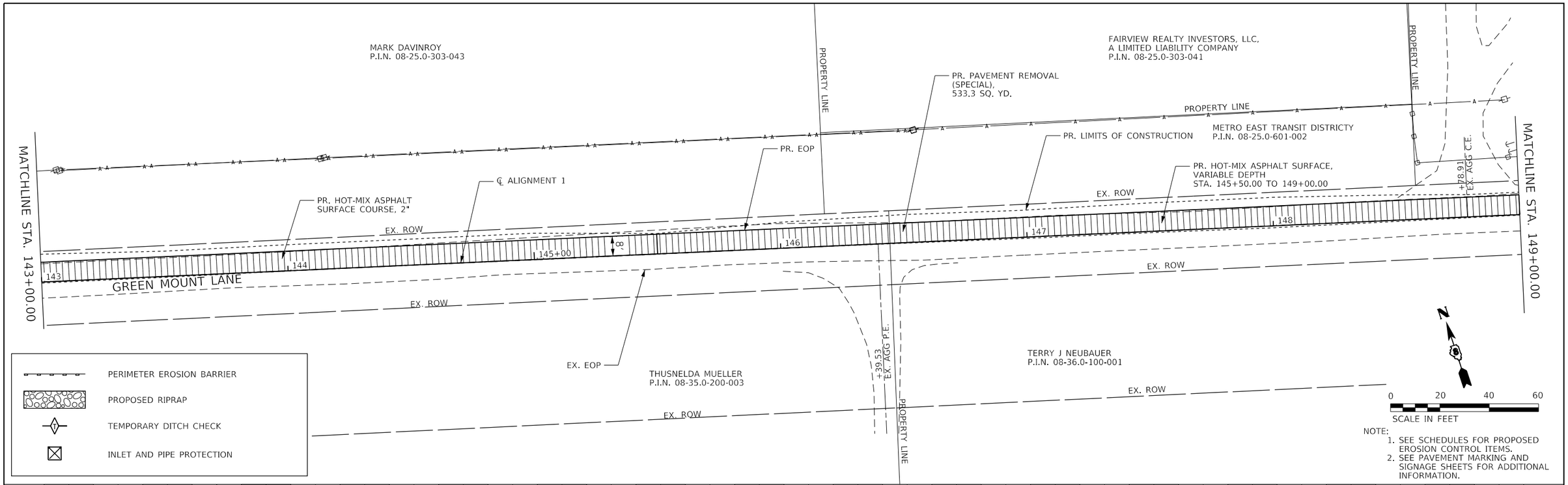
PLAN AND PROFILE
ALIGNMENT 1

PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 7 OF 11 SHEETS
STA. 137+00.00 TO STA. 143+00.00	

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	32

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



NOTE:
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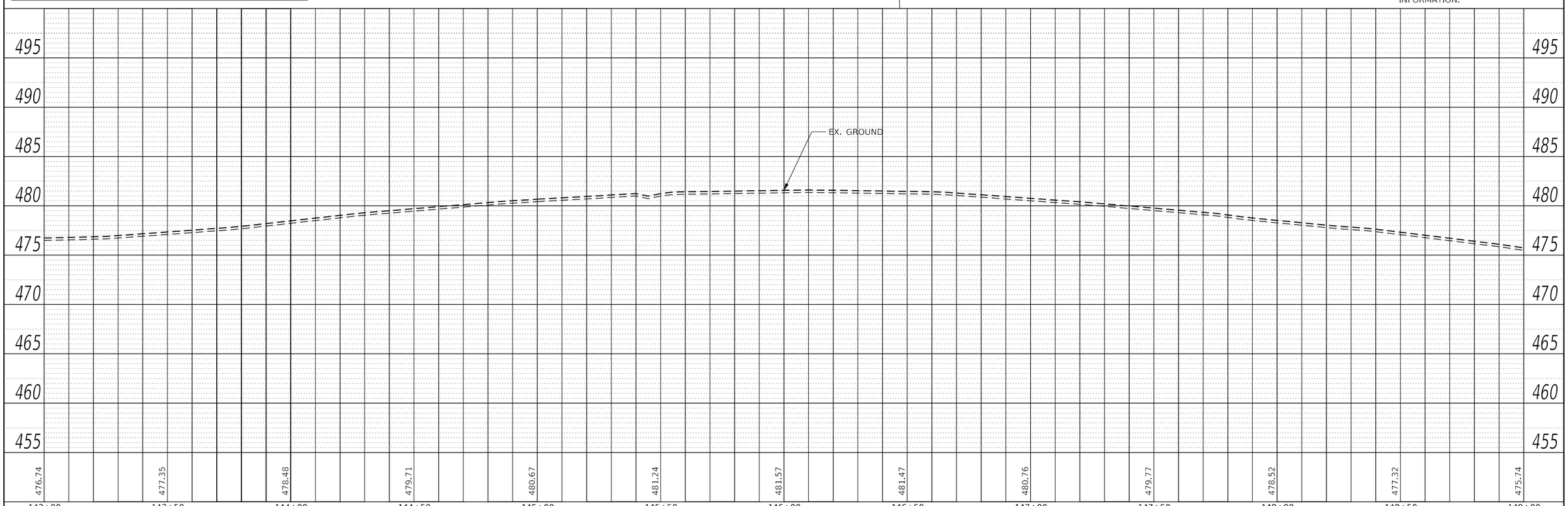
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.



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St Clair County Transit District

PLAN AND PROFILE
ALIGNMENT 1

PROJECT | JOB NO.
SCALE: 1" = 20' | SHEET NO. 8 OF 11 SHEETS | STA. 143+00.00 TO STA. 149+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	33

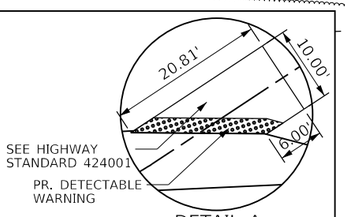
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf01.dgn

PERIMETER EROSION BARRIER
PROPOSED RIPRAP
TEMPORARY DITCH CHECK
INLET AND PIPE PROTECTION

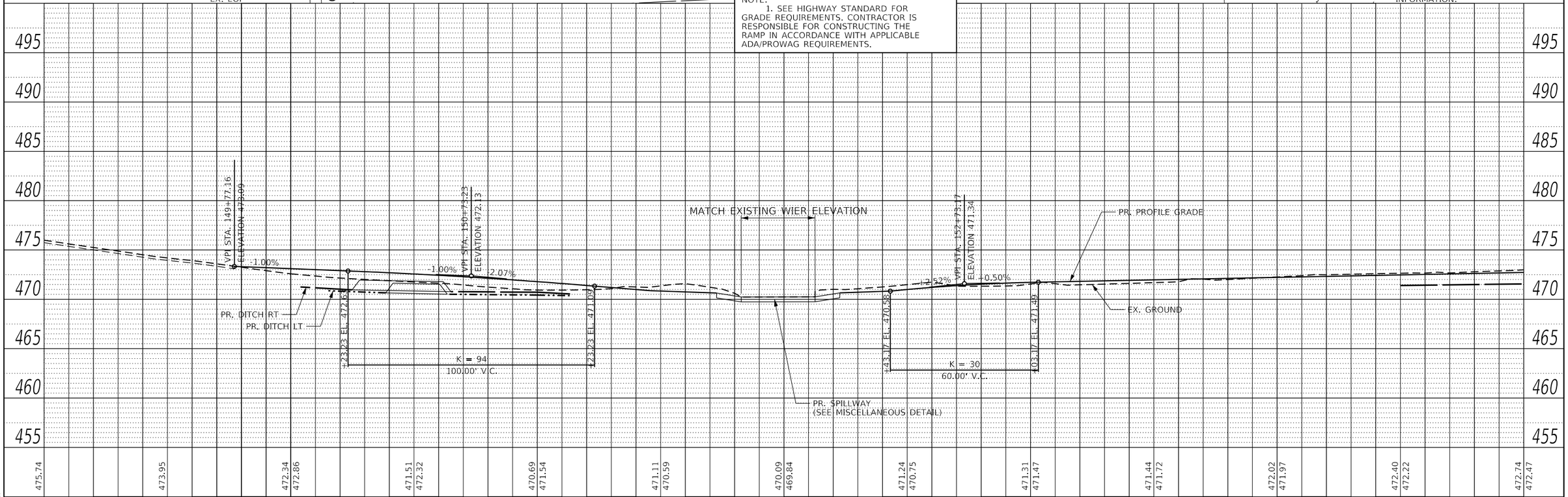
PROPERTY LINE
ROSCOW ALBERT E JR BERGMANN AN
P.I.N. 08-25.0-303-024
METRO EAST TRANSIT DISTRICT
P.I.N. 08-25.0-601-002
EX. POWERPOLE TO REMAIN
PR. BOLLARDS (SEE NOTE 2)
PR. HOT-MIX ASPHALT SURFACE COURSE, 2"
SEE DETAIL A
MITERED PIPE END
FL ELEV=470.41
PR. PIPE CULVERT, CLASS D, TYPE 1, 12" 26.0' @ 0.5%
MITERED PIPE END
FL ELEV=470.27
PROPERTY LINE
EX. PAVED DITCH TO REMAIN
PR. DITCH
EX. SPILLWAY TO BE REMOVED AND REPLACED (SEE MISCELLANEOUS DETAIL FOR ADDITIONAL INFORMATION)
PR. LIMITS OF CONSTRUCTION
℄ ALIGNMENT 1
MATCHLINE STA. 155+00.00
MATCHLINE STA. 149+00.00
149
150+00
151
152
153
154
PR. LIMITS OF CONSTRUCTION
PR. DITCH
CITY OF BELLEVILLE
P.I.N. 08-36.0-100-015
EX. RIPRAP TO REMAIN
PROPERTY LINE
PROPERTY LINE
EX. DRAINAGE SYSTEM TO REMAIN
MITERED PIPE END
FL ELEV=470.53
PR. PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6" (SEE ENTRANCE DETAIL)
EX. ROW
PR. PIPE CULVERT, CLASS D, TYPE 1, 12" 37.0' @ 0.5%
EX. WOODS AND BRUSH
PR. HOT-MIX ASPHALT SURFACE COURSE, 3"
AGGREGATE BASE COURSE, 6"
PAVEMENT REMOVAL, 8.2 SQ. YD.
MITERED PIPE END
FL ELEV=470.71
EX. PAVEMENT TO REMAIN
WENDY WILLIAMS
P.I.N. 08-36.0-100-018
PR. PAVEMENT REMOVAL (SPECIAL), 77.9 SQ. YD.
TERRY J NEUBAUER
P.I.N. 08-36.0-100-001
EX. EOP
GREEN MOUNT LANE
BELLE VALLEY DIST
P.I.N. 08-36.0-100-022
PROPERTY LINE
EX. ROW
N
0 20 40 60
SCALE IN FEET

NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.



DETAIL A

NOTE:
1. SEE HIGHWAY STANDARD FOR GRADE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE RAMP IN ACCORDANCE WITH APPLICABLE ADA/PROWAG REQUIREMENTS.



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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CORPORATE OFFICE
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St Clair County Transit District

PLAN AND PROFILE
ALIGNMENT 1

PROJECT | JOB NO.
SCALE: 1" = 20' | SHEET NO. 9 OF 11 SHEETS | STA. 149+00.00 TO STA. 155+00.00

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	34

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: $USER$
FILE NAME: $FILES$

PERIMETER EROSION BARRIER
PROPOSED RIPRAP
TEMPORARY DITCH CHECK
INLET AND PIPE PROTECTION

MATCHLINE STA. 155+00.00

PR. LIMITS OF CONSTRUCTION

EX. WOODS AND BRUSH

PRO PACK TESTING LABATORY INC
P.I.N. 08-36.0-100-017

155+00

156

PROPERTY LINE

EX. WOODS AND BRUSH

PR. DITCH

EX. DRAINAGE SYSTEM
TO REMAIN

EX. BUSH
TO BE REMOVED

PROPERTY LINE

MATCHLINE STA. 161+00.00

157

158

159

160+00

PR. LIMITS OF CONSTRUCTION

EX. EOP

END IMPROVEMENTS
ALIGNMENT 1
STA. 159+50.24

PR. DITCH

EX. RIPRAP
TO REMAIN

EX. 10' PATH
TO REMAIN (TYP.)

EX. DETENTION POND

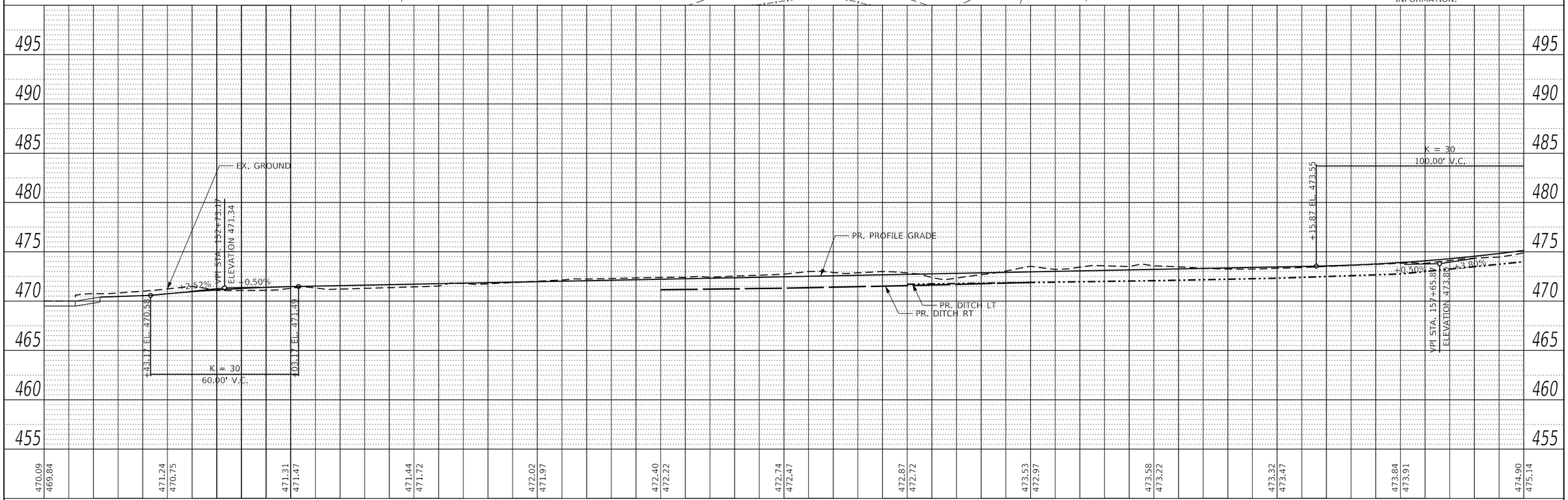
PR. ℄ ALIGNMENT 1

BELLE VALLEY DIST 119
P.I.N. 08-36.0-100-022

EX. DETENTION POND

0 20 40 60
SCALE IN FEET

NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
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PLAN AND PROFILE
ALIGNMENT 1

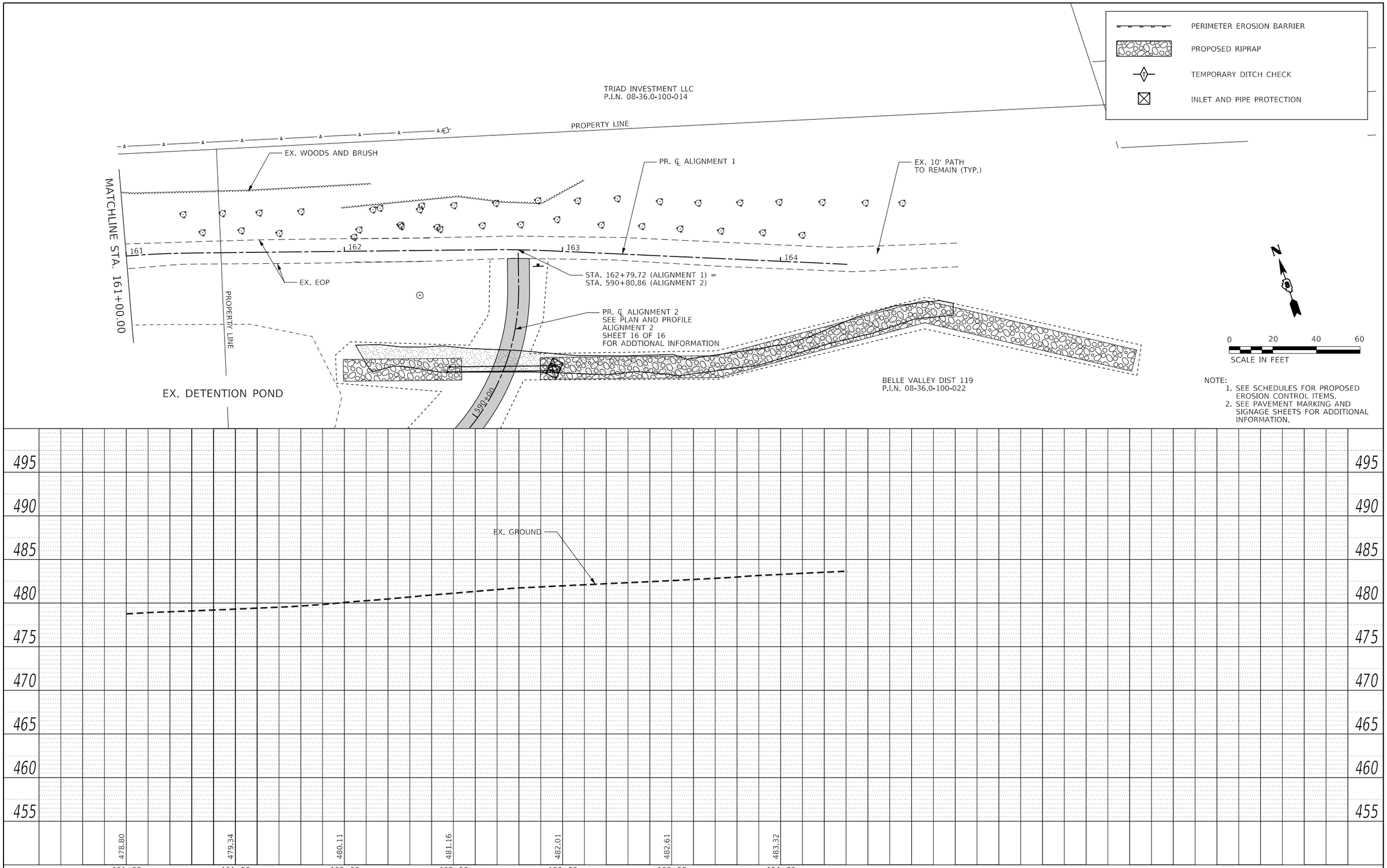
SCALE: 1" = 20'	PROJECT	JOB NO.
	SHEET NO. 10 OF 11 SHEETS	STA. 155+00.00 TO STA. 161+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	35

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: $USER$
FILE NAME: $FILES$



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 1

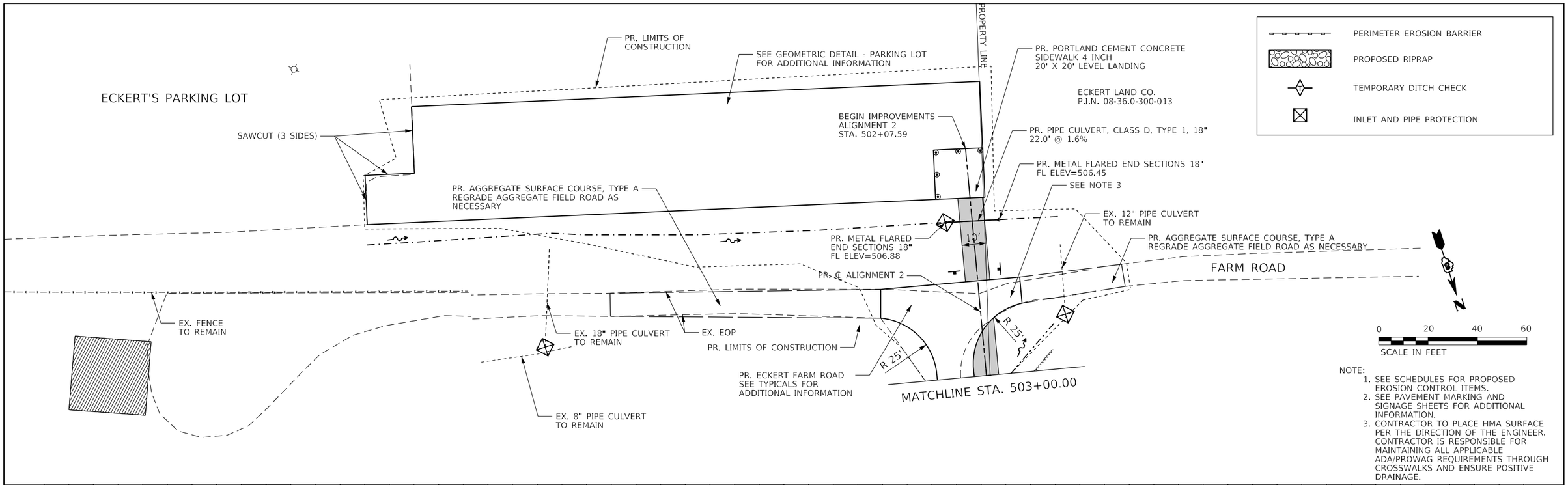
	PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 11 OF 11 SHEETS	STA. 161+00.00 TO STA. 164+30.71

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	36

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf014.dgn



NOTE:
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2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO PLACE HMA SURFACE PER THE DIRECTION OF THE ENGINEER. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL APPLICABLE ADA/PROWAG REQUIREMENTS THROUGH CROSSWALKS AND ENSURE POSITIVE DRAINAGE.

DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE ALIGNMENT 2

PROJECT | JOB NO.

SCALE: 1" = 20' | SHEET NO. 1 OF 16 SHEETS | STA. 502+07.59 TO STA. 503+00.00

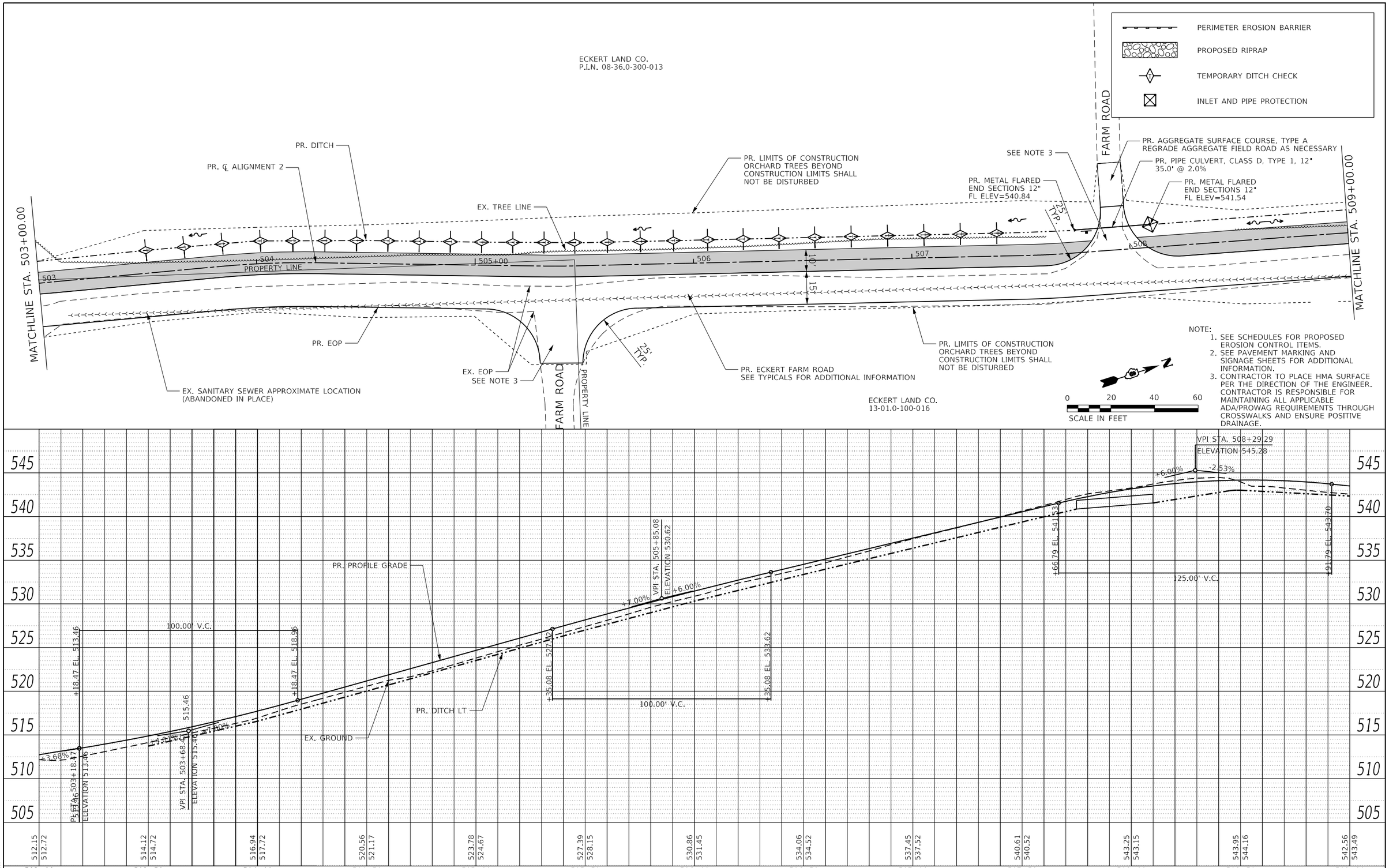
Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	37

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith

FILE NAME: 130149-PlnPrf015.dgn



PLOTTED BY: esmith

DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

FILE NAME: 130149-PlnPrf016.dgn

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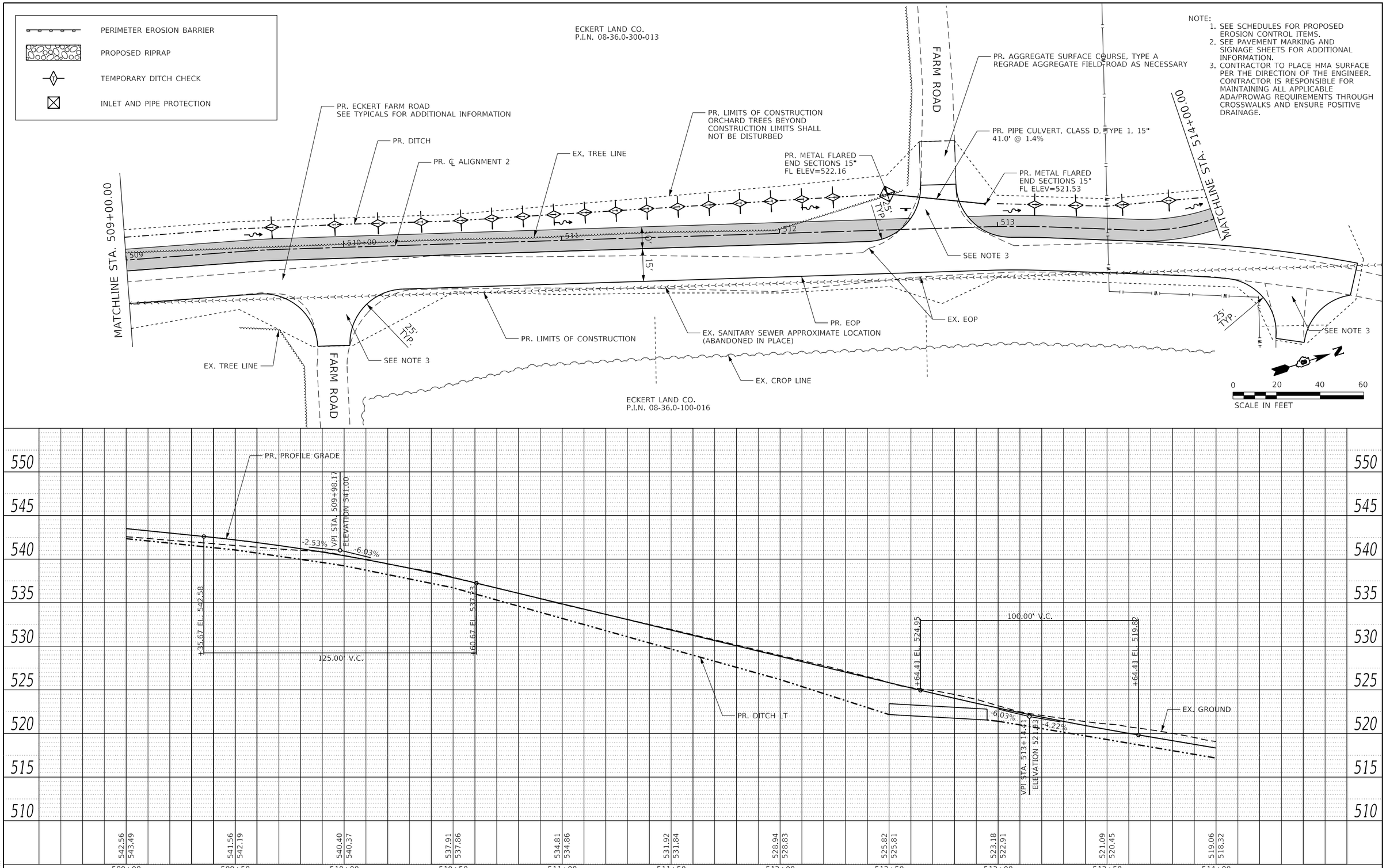
PLAN AND PROFILE
ALIGNMENT 2

PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 2 OF 16 SHEETS	STA. 503+00.00 TO STA. 509+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	38

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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St Clair County Transit District

PLAN AND PROFILE ALIGNMENT 2

PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 3 OF 16 SHEETS
STA. 509+00.00 TO STA. 514+00.00	

Orchard Loop Trail Phase 1

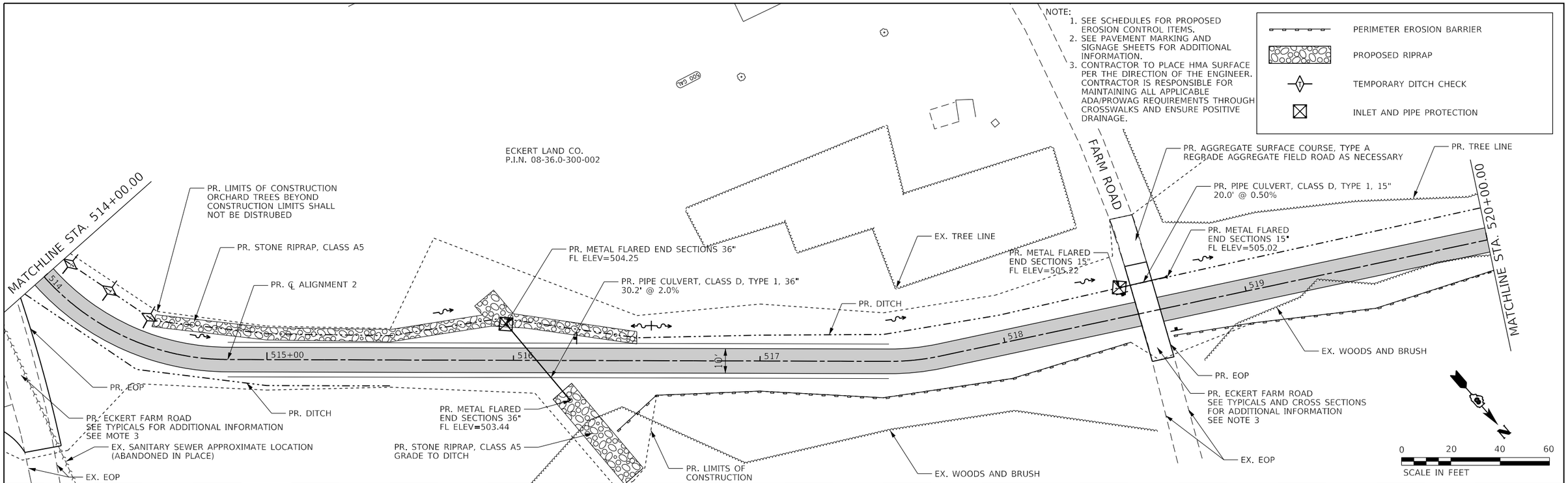
COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	39

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: egsmith
FILE NAME: 130149-PlnPrf017.dgn

NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR TO PLACE HMA SURFACE PER THE DIRECTION OF THE ENGINEER. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL APPLICABLE ADA/PROWAG REQUIREMENTS THROUGH CROSSWALKS AND ENSURE POSITIVE DRAINAGE.

PERIMETER EROSION BARRIER
PROPOSED RIPRAP
TEMPORARY DITCH CHECK
INLET AND PIPE PROTECTION



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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SCTD St Clair County Transit District

PLAN AND PROFILE
ALIGNMENT 2

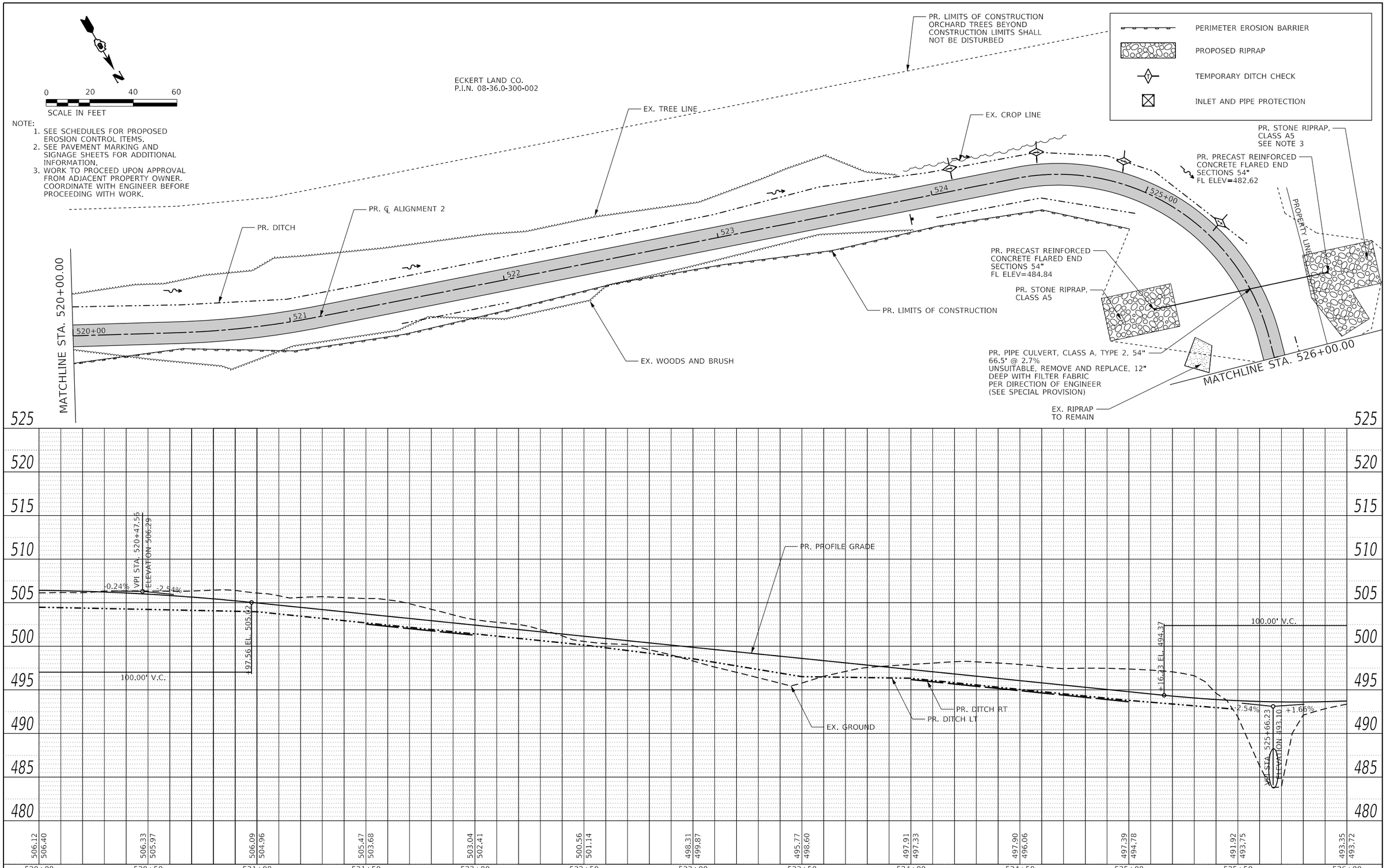
PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 4 OF 16 SHEETS	STA. 514+00.00 TO STA. 520+00.00

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	40

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf018.dgn



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 2

PROJECT	JOB NO.
SHEET NO. 5 OF 16 SHEETS	STA. 520+00.00 TO STA. 526+00.00

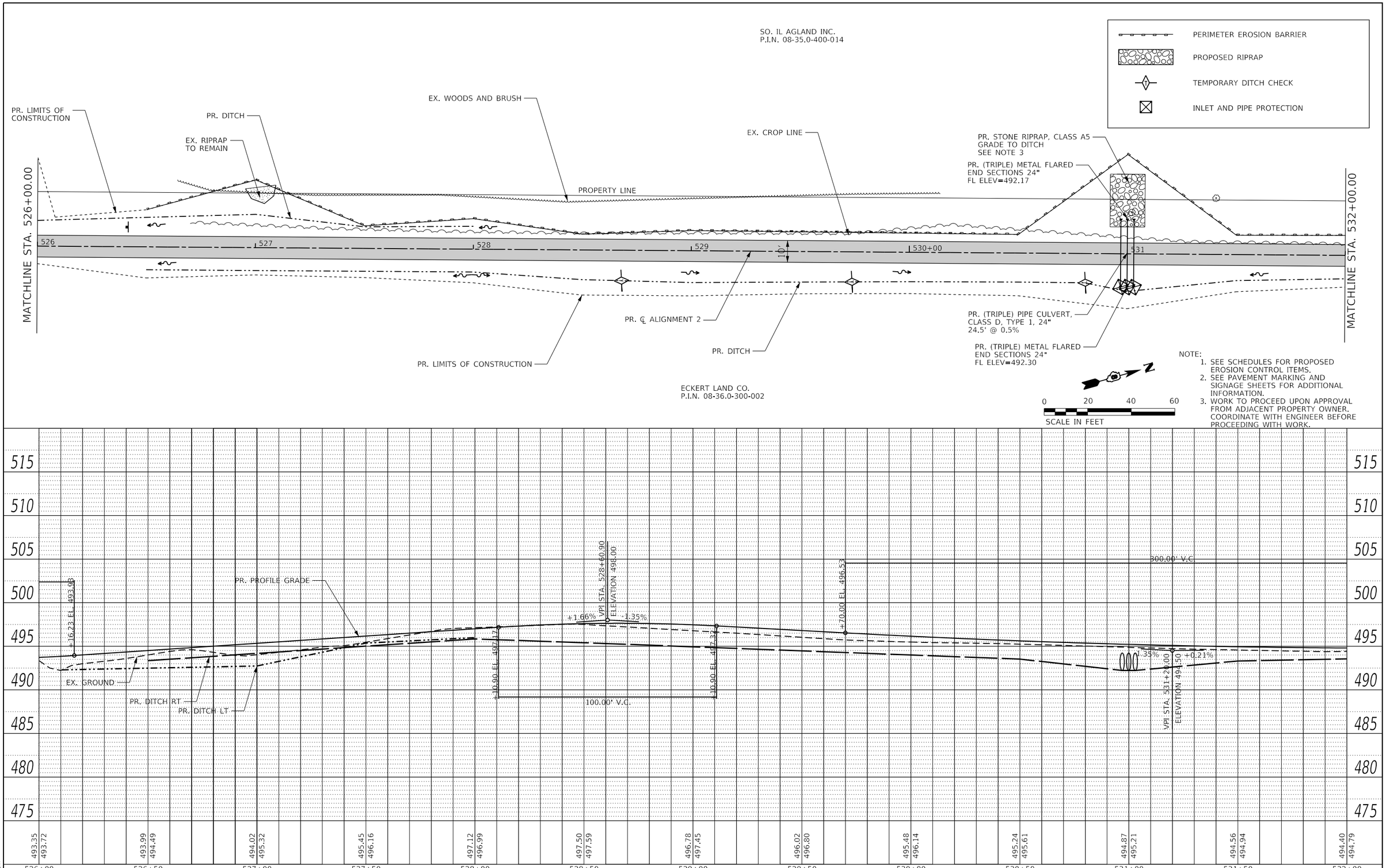
SCALE: 1" = 20'

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	41

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: egsmith
FILE NAME: 130149-PlnPrf019.dgn



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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FILE NAME: $FILES$

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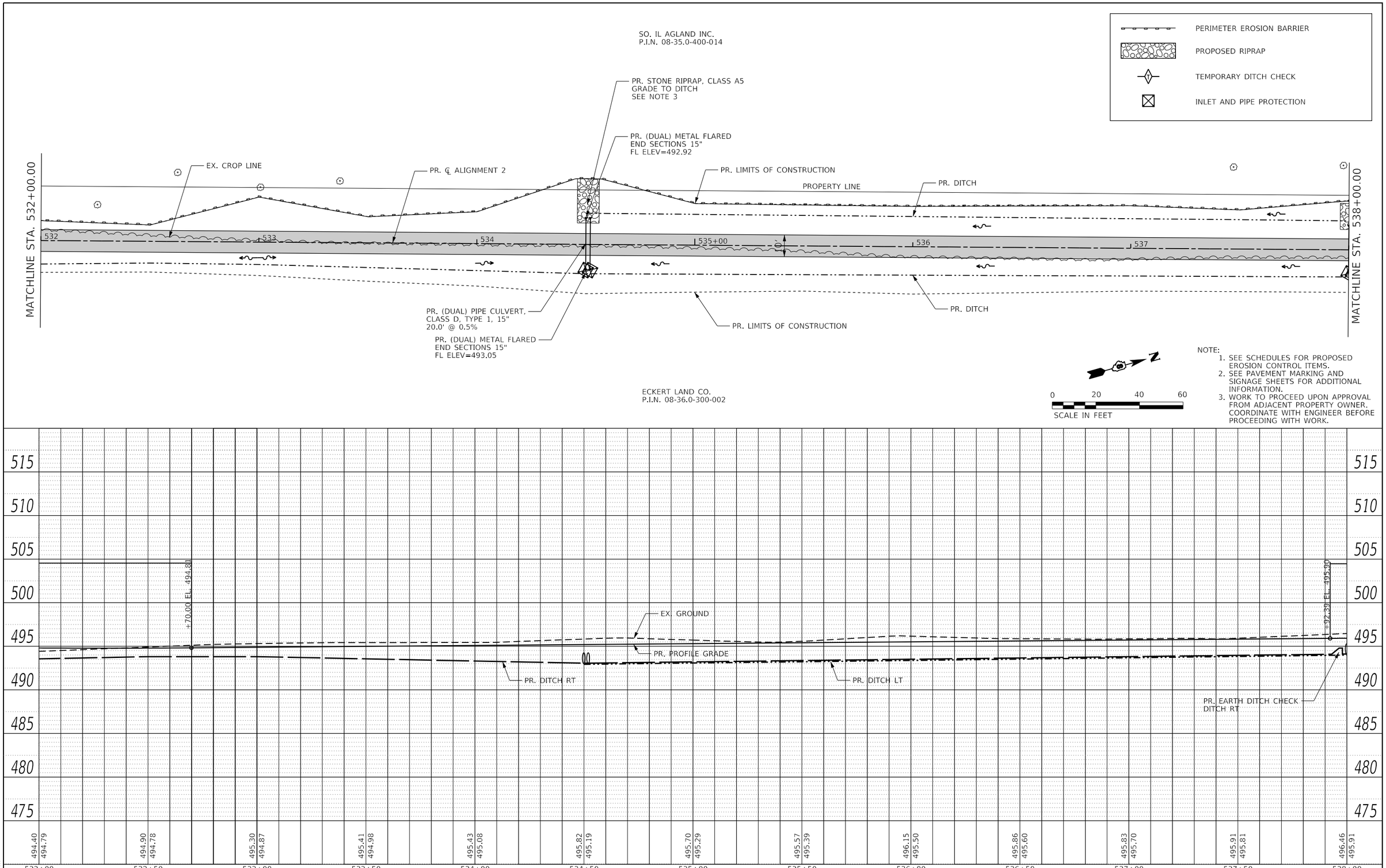
PLAN AND PROFILE
ALIGNMENT 2

PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 6 OF 16 SHEETS	STA. 526+00.00 TO STA. 532+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	42

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.
3. WORK TO PROCEED UPON APPROVAL FROM ADJACENT PROPERTY OWNER. COORDINATE WITH ENGINEER BEFORE PROCEEDING WITH WORK.

PLOTTED BY: esmith

DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

FILE NAME: 130149-PlnPrf021.dgn

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PLAN AND PROFILE
ALIGNMENT 2

PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 7 OF 16 SHEETS	STA. 532+00.00 TO STA. 538+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	43

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PERIMETER EROSION BARRIER
PROPOSED RIPRAP
TEMPORARY DITCH CHECK
INLET AND PIPE PROTECTION

SO. IL AGLAND INC.
P.I.N. 08-35.0-400-014

PR. STONE RIPRAP, CLASS A5
PR. LIMITS OF CONSTRUCTION
PR. (DUAL) METAL FLARED END SECTIONS 15" FL ELEV=493.98
PR. ℄ ALIGNMENT 2
EX. CROP LINE
PROPERTY LINE
PR. STONE RIPRAP, CLASS A5
PR. (DUAL) METAL FLARED END SECTIONS 15" FL ELEV=496.58
PR. DITCH SEE NOTE 3
MATCHLINE STA. 538+00.00
MATCHLINE STA. 544+00.00
538
539
540+00
541
542
543
10'
PR. (DUAL) PIPE CULVERT, CLASS D, TYPE 1, 15" 18.0' @ 0.5%
PR. (DUAL) METAL FLARED END SECTIONS 15" FL ELEV=494.10
PR. DITCH
PR. LIMITS OF CONSTRUCTION
PR. (DUAL) PIPE CULVERT, CLASS D, TYPE 1, 15" 20.1' @ 0.5%
PR. (DUAL) METAL FLARED END SECTIONS 15" FL ELEV=496.71

ECKERT LAND CO.
P.I.N. 08-36.0-300-002

NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.
3. WORK TO PROCEED UPON APPROVAL FROM ADJACENT PROPERTY OWNER. COORDINATE WITH ENGINEER BEFORE PROCEEDING WITH WORK.

0 20 40 60
SCALE IN FEET

515
510
505
500
495
490
485
480
475

100.00' V.C.
300.00' V.C.
+92.39 EL. 496.18
+73.78 EL. 498.12
+73.78 EL. 501.55
EX. GROUND
+0.21%
+0.92%
+0.92%
+1.37%
VPI STA. 538+47.00
ELEVATION 496.10
VPI STA. 542+27.78
ELEVATION 499.50
PR. PROFILE GRADE
PR. DITCH LT
PR. DITCH RT
PR. EARTH DITCH CHECK DITCH RT

496.46 495.91
496.87 496.13
497.00 496.53
497.09 496.99
497.40 497.45
497.83 497.91
497.83 498.37
498.38 498.87
498.78 499.40
499.65 499.97
500.31 500.58
501.13 501.23
501.28 501.91

538+00 538+50 539+00 539+50 540+00 540+50 541+00 541+50 542+00 542+50 543+00 543+50 544+00

DESIGNED - JRR	REVISED -		
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PLAN AND PROFILE ALIGNMENT 2

PROJECT
JOB NO.
SCALE: 1" = 20'
SHEET NO. 8 OF 16 SHEETS
STA. 538+00.00 TO STA. 544+00.00

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	44

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

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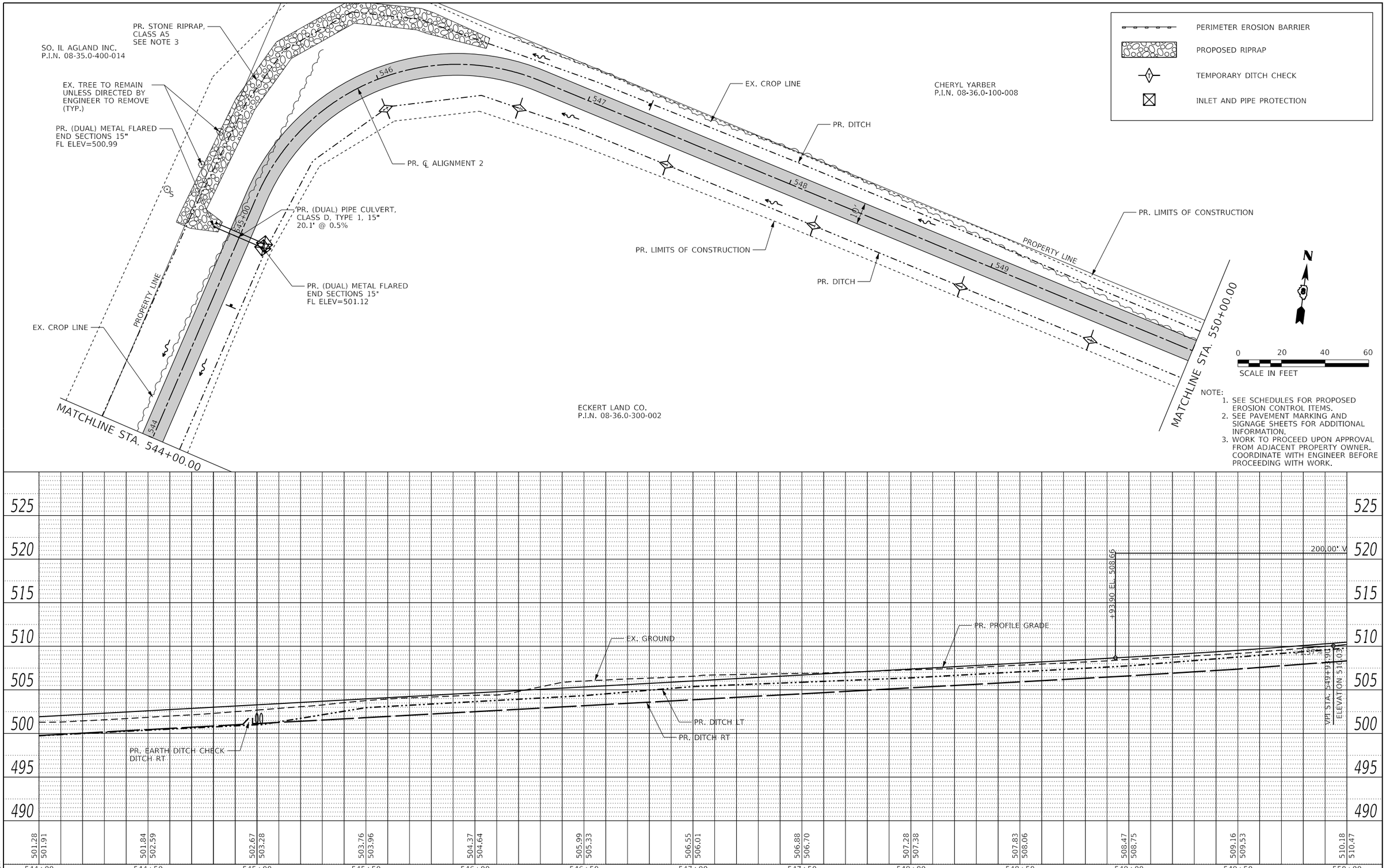

NOTE:
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DESIGNED - JRR	REVISED -
DRAWN - EKS/TMG	REVISED -
CHECKED - JWS	REVISED -
DATE - 03/2018	REVISED -

PLOTTED BY: $USER$
FILE NAME: $FILES$

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St Clair County Transit District

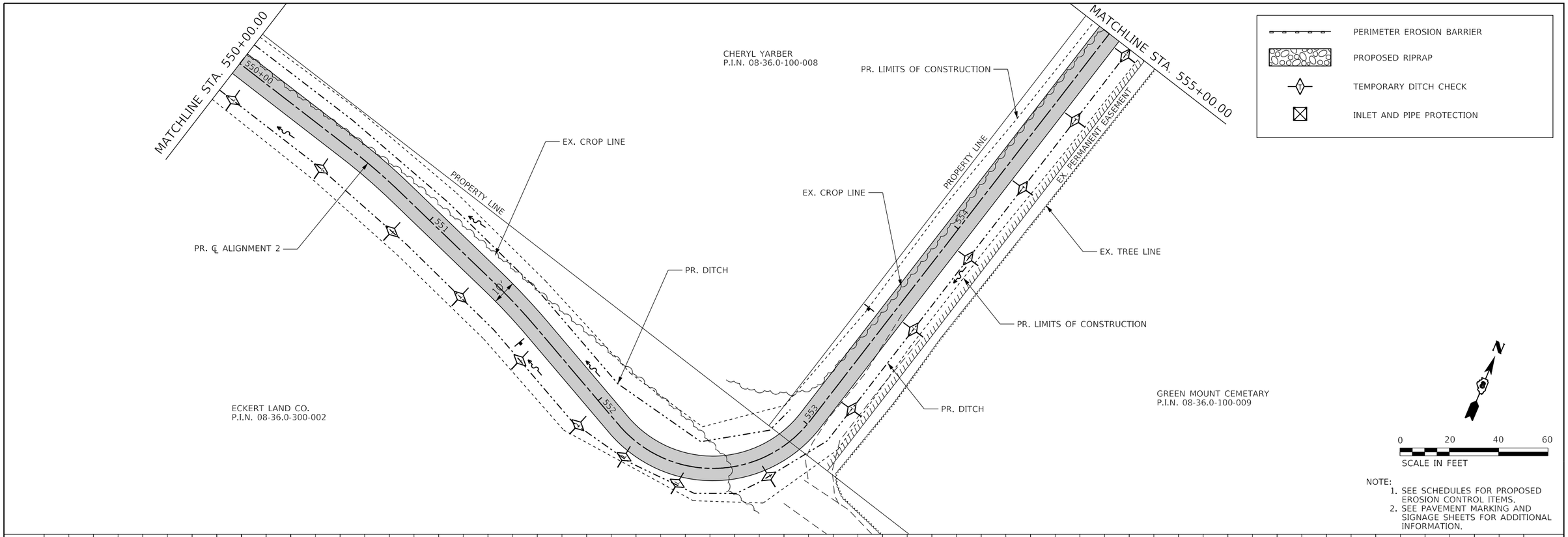
PLAN AND PROFILE
ALIGNMENT 2

PROJECT | JOB NO.
SCALE: 1" = 20' | SHEET NO. 9 OF 16 SHEETS | STA. 544+00.00 TO STA. 550+00.00

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	45

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



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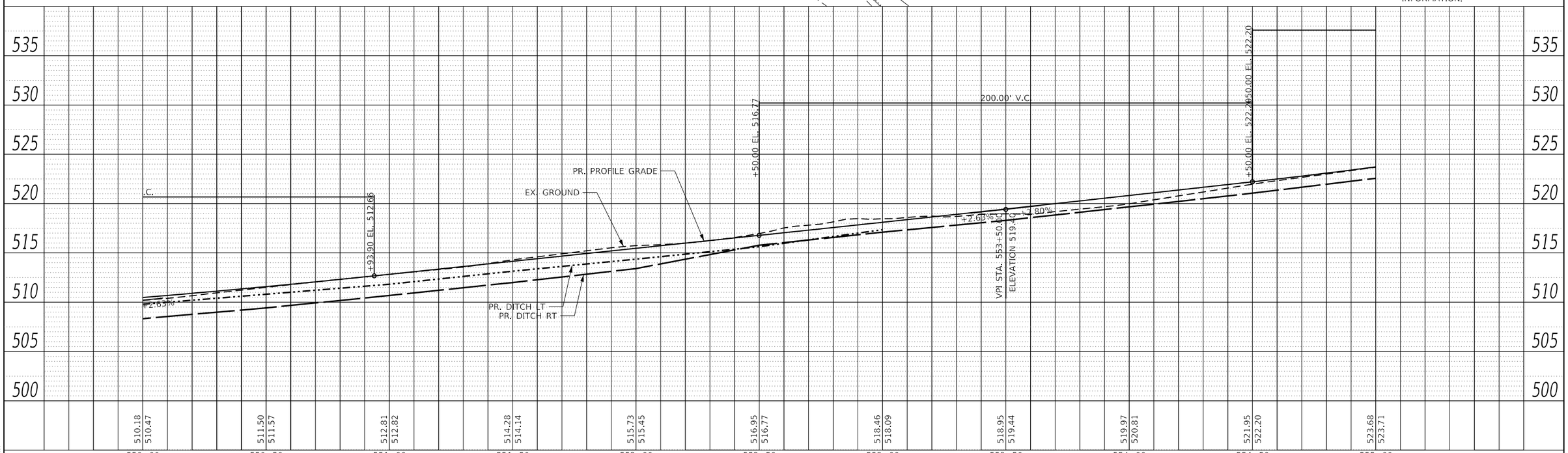

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PLAN AND PROFILE
ALIGNMENT 2

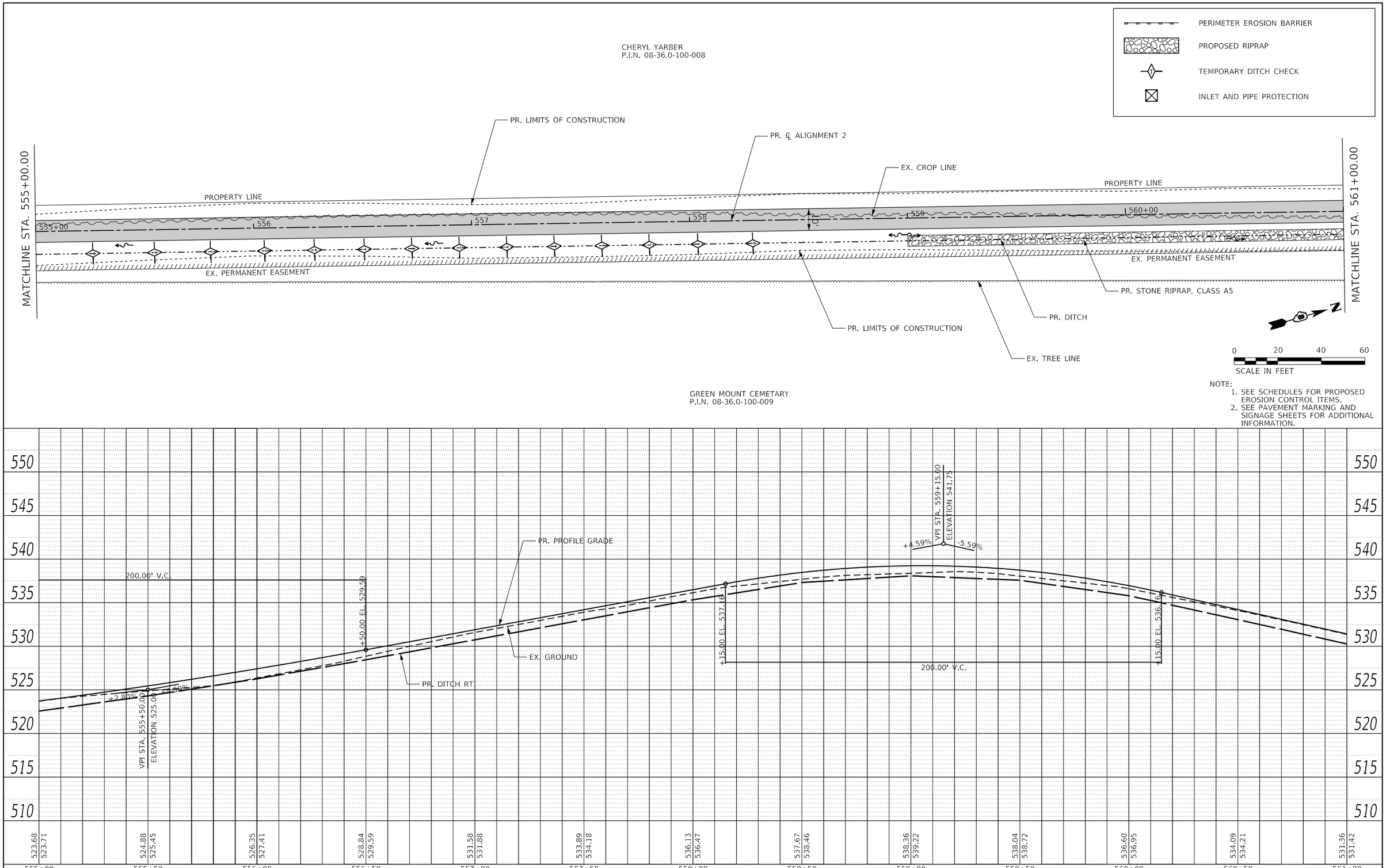
SCALE: 1" = 20'	PROJECT SHEET NO. 10 OF 16 SHEETS	JOB NO. STA. 550+00.00 TO STA. 555+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	46

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf024.dgn



NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.

DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 2

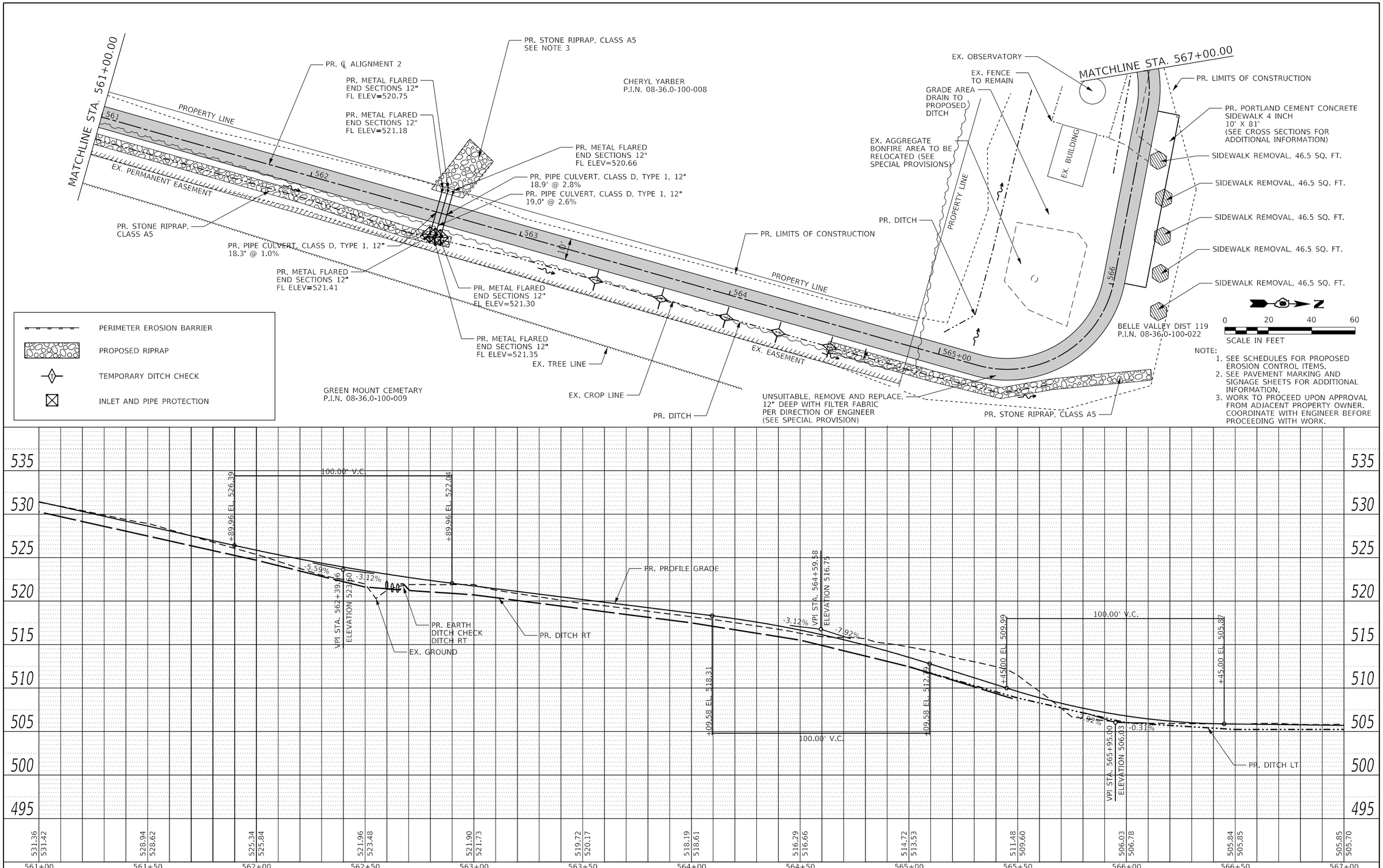
PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 11 OF 16 SHEETS
STA. 555+00.00 TO STA. 561+00.00	

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	47

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf025.dgn



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 2

PROJECT	JOB NO.
SHEET NO. 12 OF 16 SHEETS	STA. 561+00.00 TO STA. 567+00.00

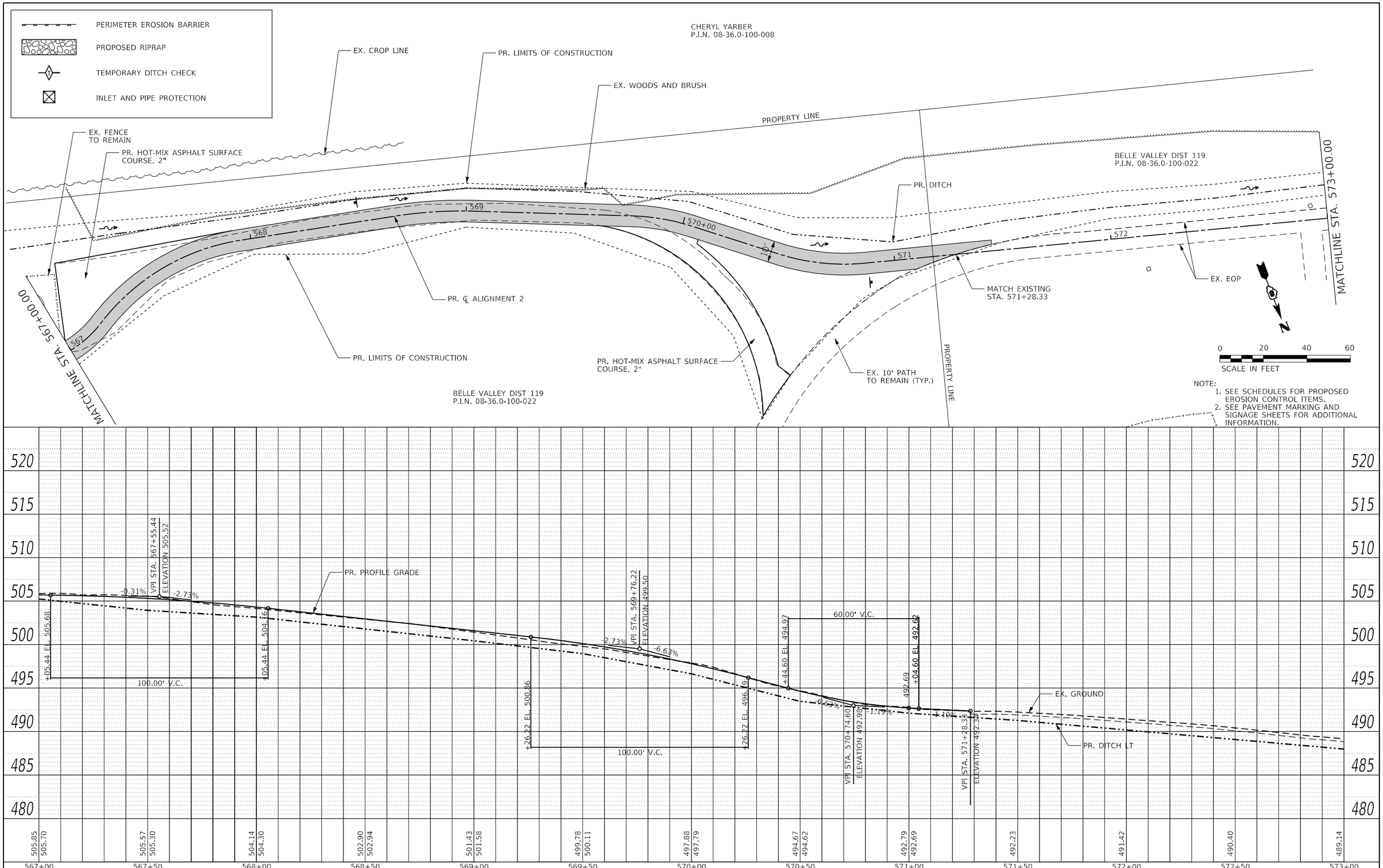
SCALE: 1" = 20'

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	48

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: egsmith
FILE NAME: 130149-PlnPrf026.dgn



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

PLOTTED BY: esmith

FILE NAME: 130149-PlnPrf027.dgn

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PLAN AND PROFILE
ALIGNMENT 2

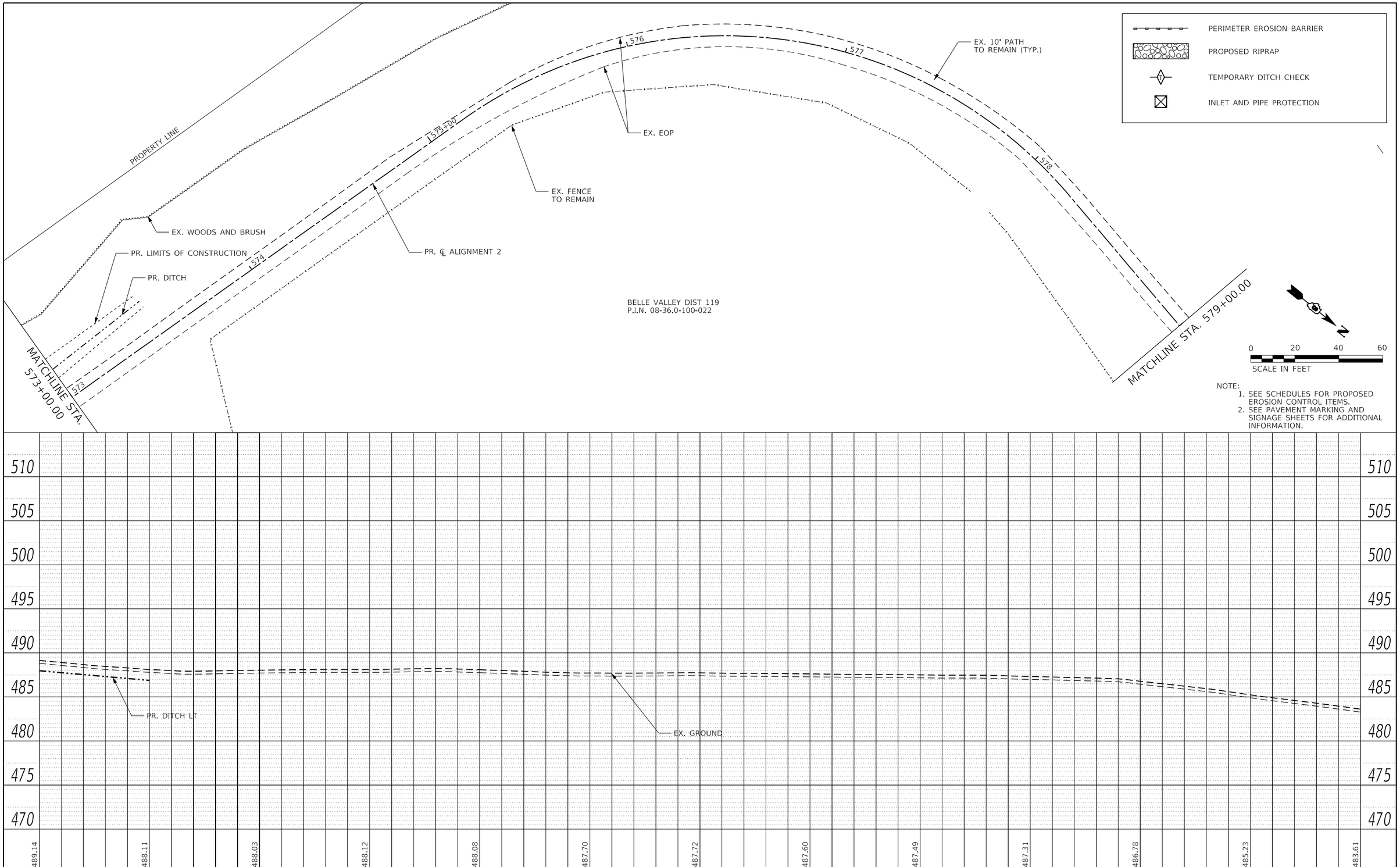
PROJECT | JOB NO.

SCALE: 1" = 20' | SHEET NO. 13 OF 16 SHEETS | STA. 567+00.00 TO STA. 573+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	49

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.

DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 2

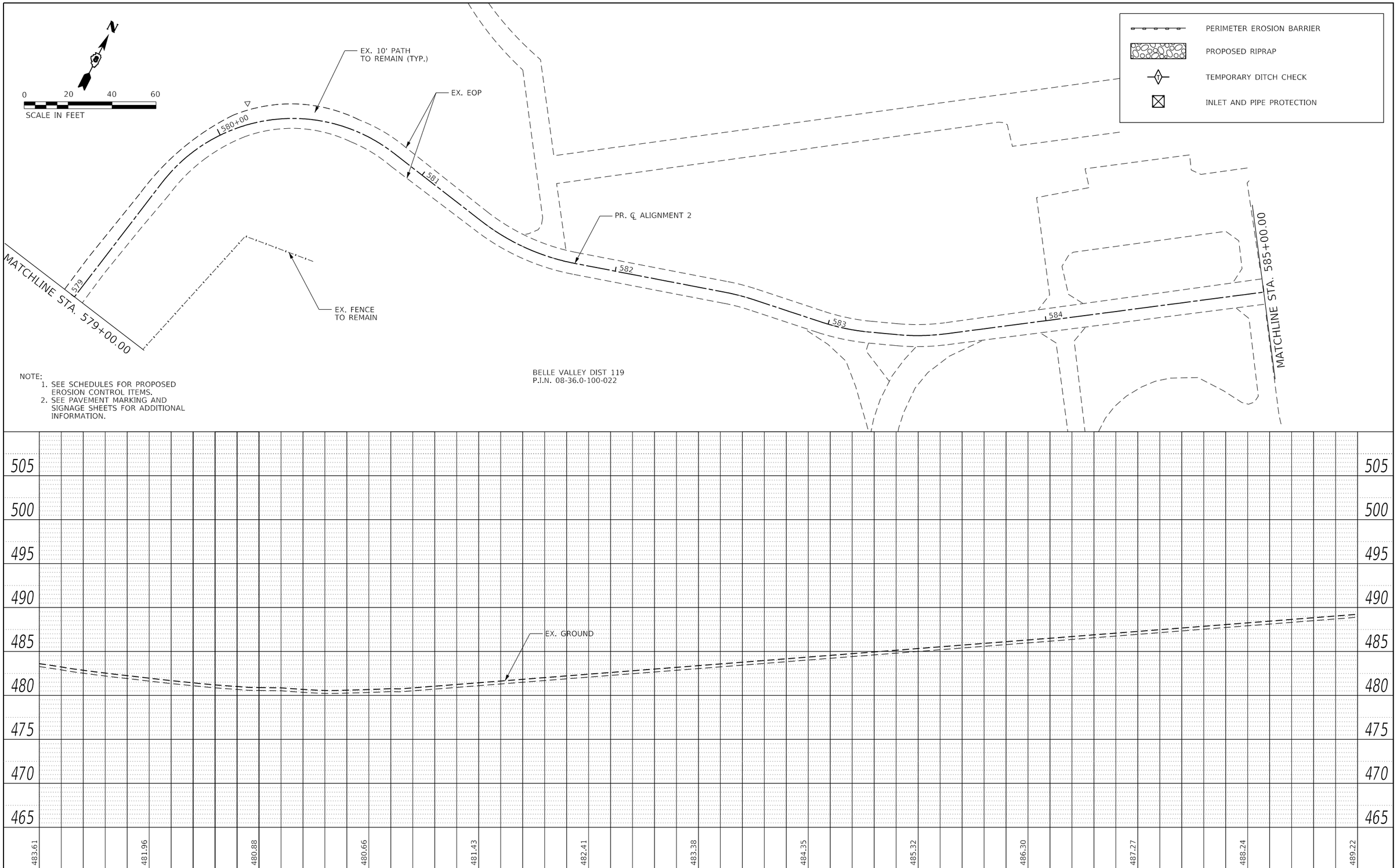
PROJECT | JOB NO.
SCALE: 1" = 20' | SHEET NO. 14 OF 16 SHEETS | STA. 573+00.00 TO STA. 579+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	50

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf028.dgn



NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.

DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 2

PROJECT | JOB NO.
SCALE: 1" = 20' | SHEET NO. 15 OF 16 SHEETS | STA. 579+00.00 TO STA. 585+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	51

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf029.dgn

PERIMETER EROSION BARRIER

PROPOSED RIPRAP

TEMPORARY DITCH CHECK

INLET AND PIPE PROTECTION

N

0 20 40 60

SCALE IN FEET

NOTE:
1. SEE SCHEDULES FOR PROPOSED EROSION CONTROL ITEMS.
2. SEE PAVEMENT MARKING AND SIGNAGE SHEETS FOR ADDITIONAL INFORMATION.

BELLE VALLEY DIST 119
P.I.N. 08-36.0-100-022

EX. DETENTION POND

PR. LIMITS OF CONSTRUCTION

SEE PLAN AND PROFILE ALIGNMENT 1 SHEET 11 OF 11 FOR ADDITIONAL INFORMATION

PROPERTY LINE

STA. 590+80.86 (ALIGNMENT 2) = STA. 162+79.72 (ALIGNMENT 1)

PR. STONE RIPRAP, CLASS A5

MATCH EXISTING STA. 586+96.82

PR. ℄ ALIGNMENT 2

PR. (DUAL) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24", 2 EACH FL ELEV=475.69

END IMPROVEMENTS STA. 590+76.89

587 588 589 590+00 162 163

EX. 10' PATH TO REMAIN (TYP.)

586

EX. EOP

PR. DITCH

PR. LIMITS OF CONSTRUCTION

PR. (DUAL) PIPE CULVERT, CLASS A, TYPE 1, 24" 37.5' @ 2.3%

PR. (DUAL) PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24", 2 EACH FL ELEV=476.83

PR. STONE RIPRAP, CLASS A5

MATCHLINE STA. 585+00.00

585+00

EX. CURB AND GUTTER TO REMAIN

REGRADE DITCH TO DRAIN AND PLACE STONE RIPRAP, CLASS A5 COST OF REGRADING DITCH APPROXIMATELY 375 FEET INCLUDED IN THE COST OF EARTHWORK

BELLE VALLEY DIST 119
P.I.N. 08-36.0-100-022

500 495 490 485 480 475 470 465 460

K = 28
60.00' V.C.

VPI STA. 586+96.82
ELEVATION 483.72
+99.84 EL. 483.65

+59.84 EL. 482.80

-2.49%
-2.40%
-0.32%

VPI STA. 587+29.84
ELEVATION 482.90

PR. PROFILE GRADE

PR. DITCH RT

EX. GROUND

481.79

489.22 488.79 487.24 485.35 483.67 483.64 483.14 482.85 482.90 482.68 482.69 482.52 482.61 482.36 482.04 482.20 479.64 482.04 480.07 481.88

585+00 585+50 586+00 586+50 587+00 587+50 588+00 588+50 589+00 589+50 590+00 590+50

DESIGNED - JRR	REVISED -
DRAWN - EKS/TMG	REVISED -
CHECKED - JWS	REVISED -
DATE - 03/2018	REVISED -

PLOTTED BY: egsmith

FILE NAME: 130149-PlnPrf030.dgn

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PLAN AND PROFILE
ALIGNMENT 2

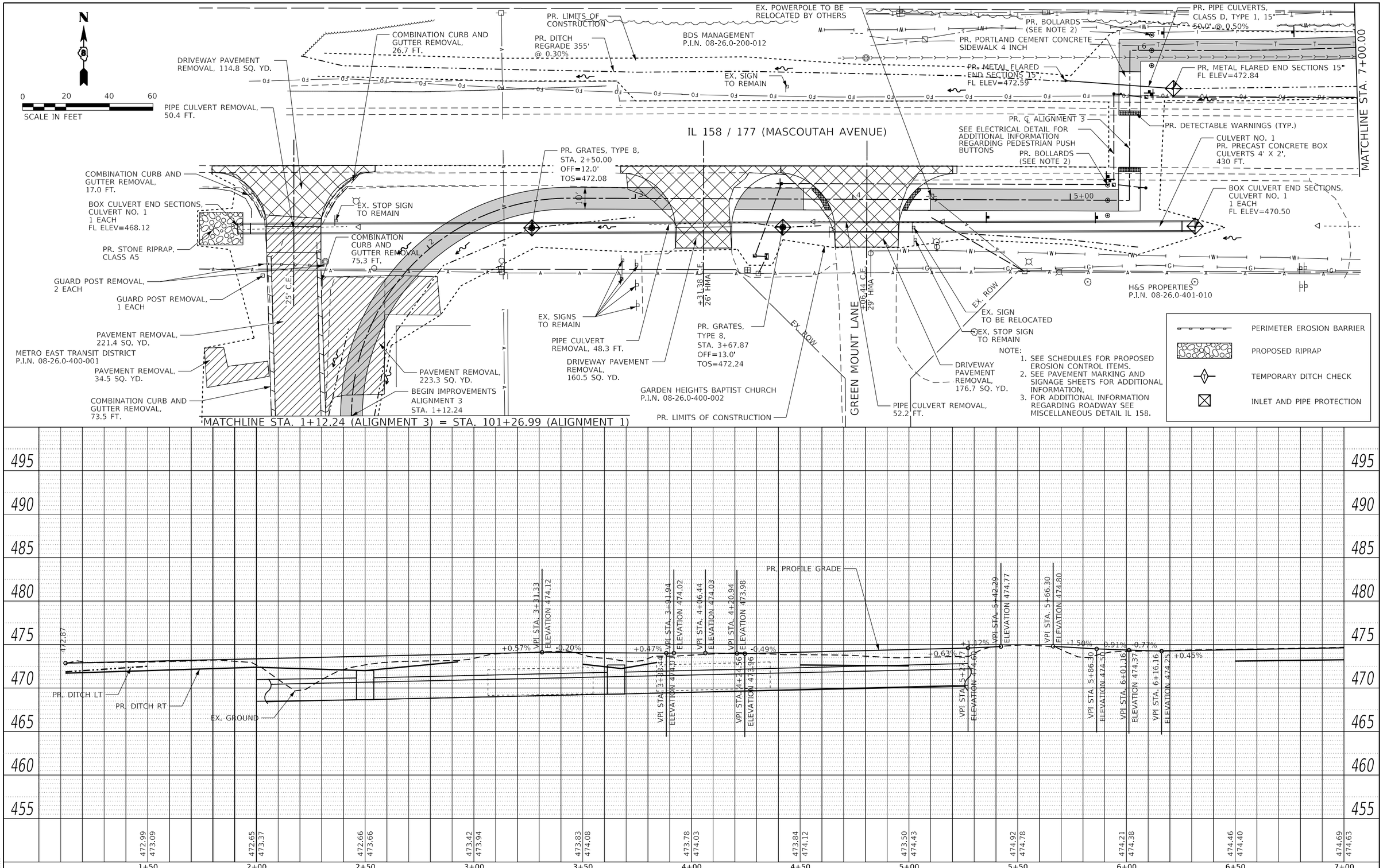
PROJECT | JOB NO.

SCALE: 1" = 20' | SHEET NO. 16 OF 16 SHEETS | STA. 585+00.00 TO STA. 590+80.86

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	52

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE ALIGNMENT 3

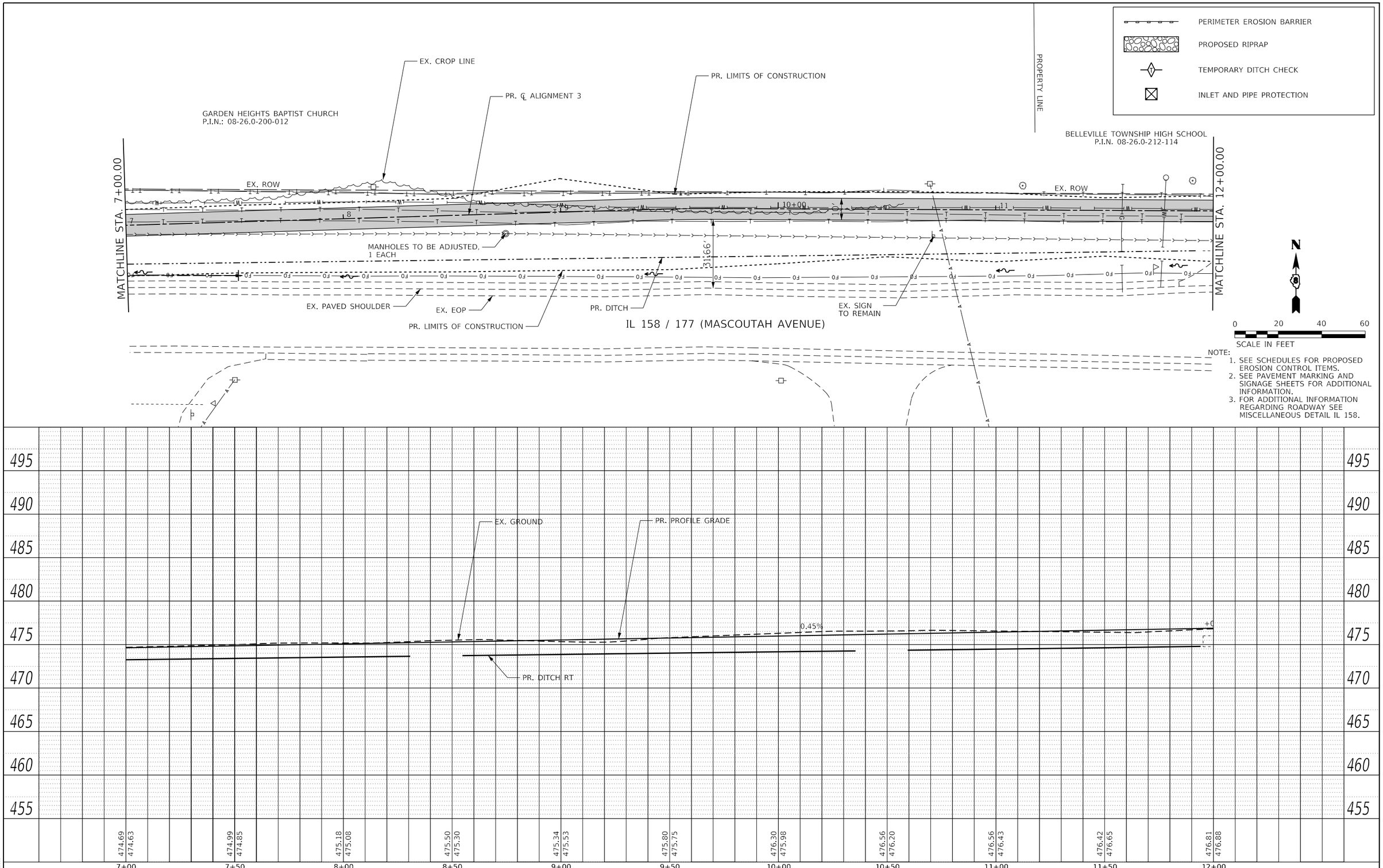
PROJECT | JOB NO.
SCALE: 1" = 20' | SHEET NO. 1 OF 3 SHEETS | STA. 1+12.24 TO STA. 7+00.00

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	53

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf01.dgn



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 3

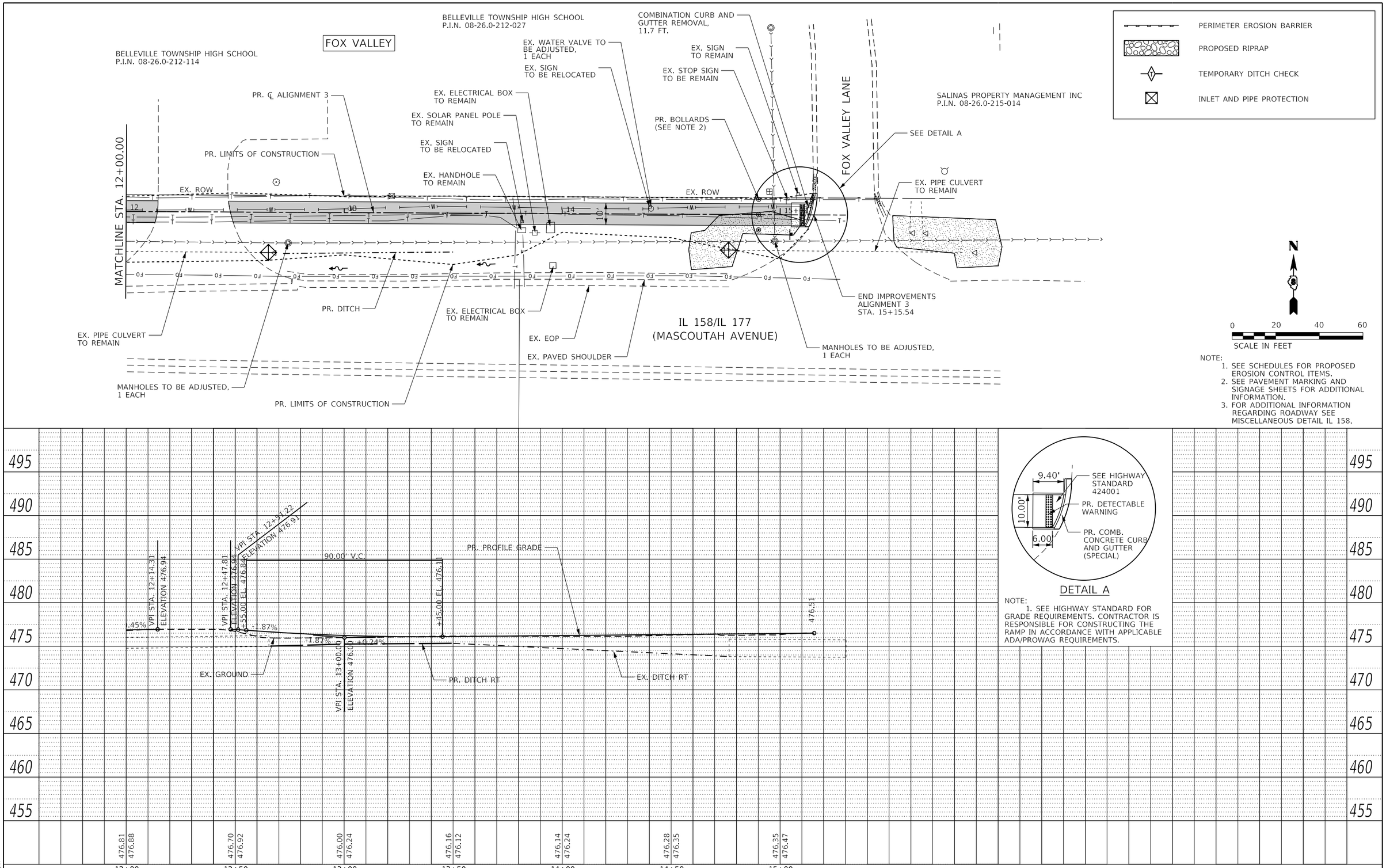
PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 2 OF 3 SHEETS	STA. 7+00.00 TO STA. 12+00.00

Orchard Loop Trail
Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	54

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

PLOTTED BY: esmith
FILE NAME: 130149-PlnPrf02.dgn



DESIGNED - JRR	REVISED -		
DRAWN - EKS/TMG	REVISED -		
CHECKED - JWS	REVISED -		
DATE - 03/2018	REVISED -		

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PLAN AND PROFILE
ALIGNMENT 3

PROJECT	JOB NO.
SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS	STA. 12+00.00 TO STA. 15+30.16

Orchard Loop Trail Phase 1

COUNTY	TOTAL SHEETS	SHEET NO.
ST. CLAIR	140	55

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

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FILE NAME: $FILES$