

01-17-2025 LETTING ITEM 148

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	1
FED. ROAD DIST. NO. 3 [ILLINOIS]		FED. AID PROJECT E9N8 (383)		

CONTRACT NO. 87840

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM

MULTI-USE PATH EXTENSION

F.A.U. 0393 (MCEVILLY ROAD)

SECTION NO.: 21-00058-00 BT

VILLAGE OF MINOOKA

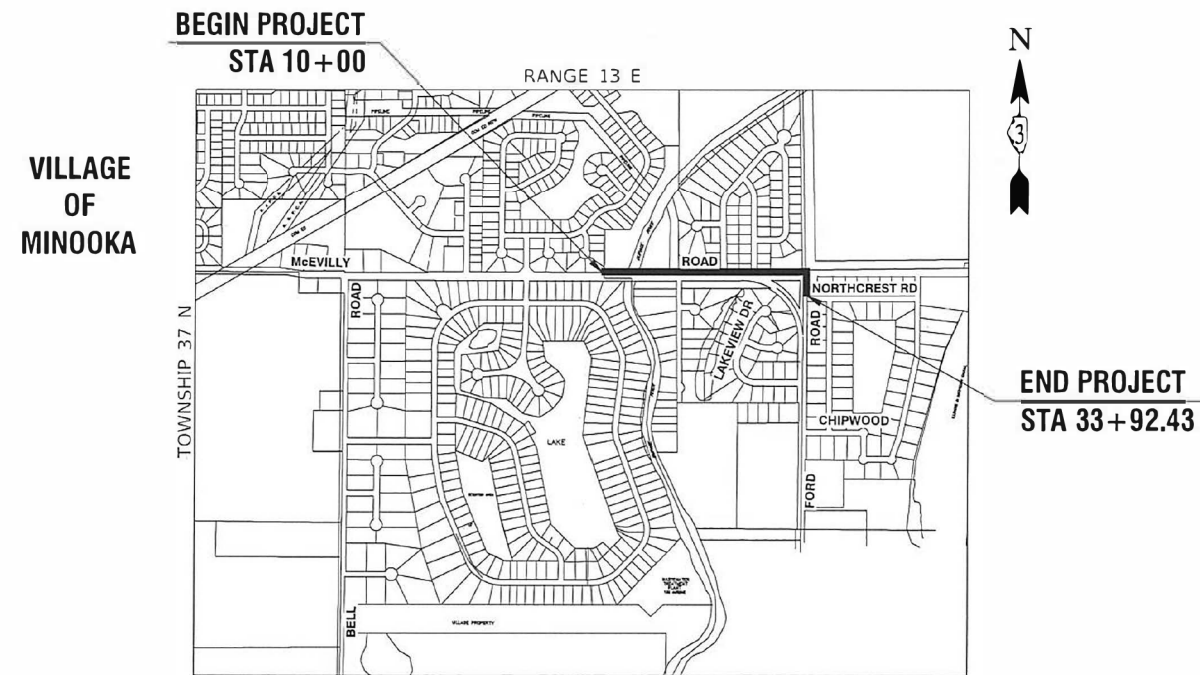
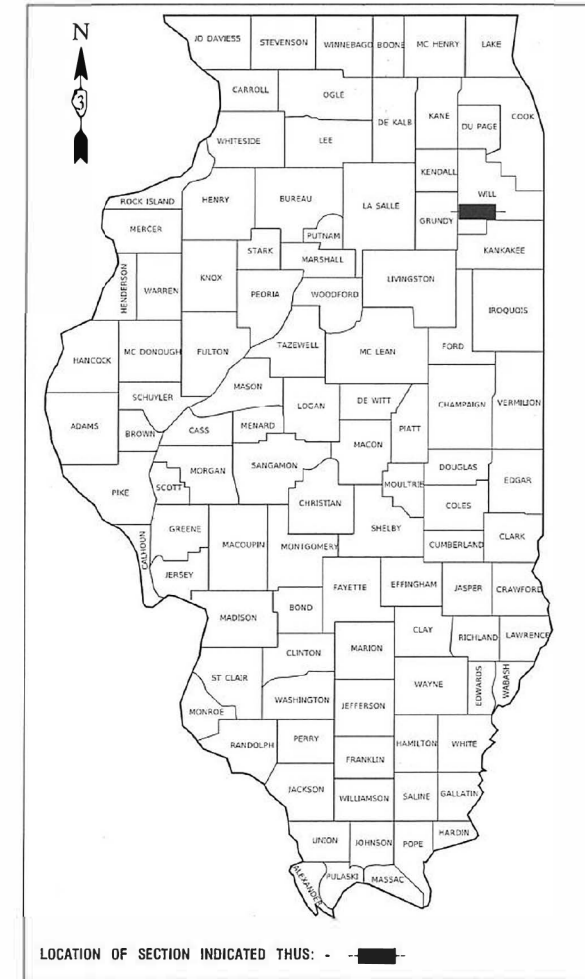
WILL COUNTY

JOB NO.: C-93-027-24

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

MCEVILLY ROAD	
2019 ADT-	4,600
POSTED SPEED LIMIT-	40 MPH
FUNCTIONAL CLASSIFICATION-	MAJOR COLLECTOR



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

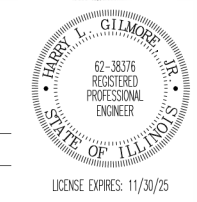
J. U. L. I. E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1 - 800 - 892 - 0123  
OR 811

LOCATION MAP  
NOT TO SCALE

GROSS AND NET LENGTH= 2,392.43 FEET= 0.45 MILES

PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:

*Harry L. Gilmore, Jr.*  
7-8-24



FOR SHEETS 1-52

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED 7-9-24  
*Frederic Offerman*  
VILLAGE OF MINOOKA, MAYOR

PASSED July 19, 2024  
*[Signature]*  
DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW  
July 19, 2024  
*Julia Thompson*  
REGIONAL ENGINEER

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THE STATE OF ILLINOIS

I.D.O.T. FEDERAL AID PROGRAM ENGINEER: STEVE CHERY, DISTRICT 3, OTTAWA, IL.  
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

CONTRACT NO. 87840

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606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
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424-29	ADA SIDEWALK ACCESSIBILITY RAMP DETAIL

## GENERAL NOTES

- ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.
- THE ROBINSON ENGINEERING, LTD. FIELD OFFICE (708-331-6700), AND THE PUBLIC WORKS DIRECTOR, AT THE VILLAGE OF MINOOKA (815-467-8868), SHALL BE NOTIFIED THREE (3) WORKING DAYS BEFORE CONSTRUCTION BEGINS.
- BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 AND (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED)
- UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTOR'S USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITY INFORMATION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SHALL BE REMOVED BY THE END OF EACH DAY BY THE CONTRACTOR.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- NO PAVEMENT PATCHING SHALL BE PERMITTED AFTER FRIDAY AT 3:00 PM OF EACH AND EVERY WEEK AND NO HOLES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT OR OVER THE WEEKEND.
- ALL EQUIPMENT SHALL BE REMOVED OFF THE VILLAGE STREETS DURING ALL HOLIDAY WEEKENDS AS COORDINATED WITH THE VILLAGE.
- THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.
- EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.
- BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS/SQ YD/IN
SHORT TERM PAVEMENT MARKING	10	FT/100 FT OF APPLICATION
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION

- IN ACCORDANCE WITH IDOT CIRCULAR LETTER 2022-28, TREES SHALL NOT BE REMOVED BETWEEN APRIL 1 AND SEPTEMBER 30.
- VERTICAL HEADWALLS, FENCING, DECORATIVE SIGNING, PLANTINGS, SHRUBBERY AND TREES ARE PROHIBITED INSIDE OF THE COUNTY RIGHT OF WAY IN ACCORDANCE WITH SECTION 56.081(C)(4) OF THE WILL COUNTY ORDINANCE.

## EARTHWORK NOTES

- GENERAL
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE.
  - THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE AND SUBGRADE ELEVATIONS (AS NOTED) AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC. MUST BE ACCOUNTED FOR.
  - THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION, AND PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS. THE FAILURE TO PROVIDE PROPER DRAINAGE WILL NEGATE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.
  - PLANS FOR THE SITE DEWATERING, IF EMPLOYED, SHALL BE SUBMITTED AND APPROVED PRIOR TO IMPLEMENTATION. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DEWATERING DURING CONSTRUCTION.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES". THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF SILT AND FILTER FENCING, ETC. TO PROTECT ADJACENT PROPERTY, WETLANDS, ETC. SHALL OCCUR BEFORE GRADING BEGINS.
  - ALL STORM INLETS SHALL BE PROTECTED BY INLET FILTERS. PLACEMENTS AND MAINTENANCE OF SILT BARRIER SHALL BE AS DIRECTED BY THE ENGINEER, BASED ON ACTUAL GRADING. GRADE THE AREA WITHIN FOUR (4) FEET AROUND STRUCTURES ONE (1) FOOT BELOW RIM TO SERVE AS A SEDIMENTATION BASIN DURING CONSTRUCTION.
  - FINAL LOCATION OF SILT FENCE SHALL BE ADJUSTED BASED ON ACTUAL SITE GRADING CONDITIONS. ADDITIONAL MEASURES SHALL BE ADDED AS DIRECTED BY THE ENGINEER.
  - ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESEEDDED AS SOON AS PRACTICAL.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF TEMPORARY STOCKPILES. STOCKPILES SHALL NOT BE ALLOWED WITHIN WETLANDS OR WETLAND BUFFERS.

## COMMITMENTS

- AN NPDES PERMIT WILL BE OBTAINED PRIOR TO START OF CONSTRUCTION.

FILE NAME = 19R0550-02-INDEX-01 - P01	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) INDEX OF SHEETS & STATE STANDARDS, STATE STANDARDS & GENERAL NOTES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- WPD	REVISED --					393	21-00058-00 BT	WILL	68	2
	PLOT SCALE =	DRAWN -- KWM	REVISED --					CONTRACT NO. 87840				
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --					SCALE: NONE	SHEET NO. 2 OF 68 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 3	ILLINOIS

SUMMARY OF QUANTITIES				
S.I	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	90
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	150
	20800150	TRENCH BACKFILL	CU YD	30
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,730
	25100630	EROSION CONTROL BLANKET	SQ YD	2,730
	28000400	PERIMETER EROSION BARRIER	FOOT	2,300
	28000510	INLET FILTERS	EACH	3
	28100107	STONE RIPRAP, CLASS A4	SQ YD	265
	28200200	FILTER FABRIC	SQ YD	265
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,500
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	2,260
	35800100	PREPARATION OF BASE	SQ YD	50
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	4,050
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	810
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	230
	40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	155
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	20
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	340
	42400800	DETECTABLE WARNINGS	SQ FT	115
	44000100	PAVEMENT REMOVAL	SQ YD	50
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	200
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	60
	44000600	SIDEWALK REMOVAL	SQ FT	55
	50200100	STRUCTURE EXCAVATION	CU YD	121
	50300225	CONCRETE STRUCTURES	CU YD	59.60
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	48
	50300300	PROTECTIVE COAT	SQ YD	340
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	17.30
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	23,970
	51201800	FURNISHING STEEL PILES HP14X73	FOOT	405
	51202305	DRIVING PILES	FOOT	405
	51203800	TEST PILE STEEL HP14X73	EACH	2
	51204650	PILE SHOES	EACH	11
	51500100	NAME PLATES	EACH	1

SUMMARY OF QUANTITIES				
S.I	CODE NO.	ITEM	UNIT	TOTAL QUANTITY
	52200015	PERMANENT SHEET PILING	SQ FT	2,332
	52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	725
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	2
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	4
	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	35
	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	92
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	19
	58700300	CONCRETE SEALER	SQ FT	883
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	438
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2
	60146304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	40
	60146306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	150
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	60
	67100100	MOBILIZATION	LSUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1
*	72000100	SIGN PANEL - TYPE 1	SQ FT	45
*	72900100	METAL POST - TYPE A	FOOT	200
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	300
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30
	X0322508	PEDESTRIAN TRUSS SUPERSTRUCTURE	SQ FT	2,592
	X0325318	LIGHTWEIGHT CELLULAR CONCRETE FILL	CU YD	285.90
	X0327149	RELOCATE BENCH	EACH	1
	X0350810	BOLLARD REMOVAL	EACH	1
	X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	2,900
	X2500920	SEEDING, CLASS 1A (SPECIAL)	ACRE	0.15
	X2501020	SEEDING, CLASS 2A (SPECIAL)	ACRE	0.40
	X4811800	AGGREGATE SHOULDERS (SPECIAL)	SQ YD	25
	X6640104	FENCE REMOVAL	FOOT	185
	X6640630	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	300
	X6640634	WOOD RAIL (SPECIAL)	FOOT	122
	XX000503	SPLIT RAIL FENCE	FOOT	145
	XX003919	FLAGPOLE RELOCATION	L SUM	1
	XX008729	REMOVE AND REINSTALL SIGN PANEL	EACH	3
	XX009224	CLASS D PATCHES, SPECIAL	SQ YD	20
	Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	180

\* SPECIALTY ITEM

HOT-MIX ASPHALT							
LOCATION			AREA	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 (TON)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 (TON)
Sta. From	Sta. To	Offset	SQ FT				
MULTI-USE HOT-MIX ASPHALT PATH							
10+00.00	12+20.18	RT/LT	1826	457	90	26	17
14+66.18	15+35.01	RT/LT	510	128	26	8	5
15+57.07	22+75.62	RT/LT	5650	1413	283	80	53
23+05.01	26+02.10	RT/LT	2266	567	114	32	24
26+29.12	33+86.83	RT/LT	5940	1485	297	84	56
HMA PATH UNDER PROPOSED PEDESTRIAN BRIDGE							
14+12.70	14+57.09	RT/LT	450	113	23	7	5

TREE REMOVAL				
LOCATION			TREE REMOVAL (6 TO 15 UNITS DIAMETER)	TREE REMOVAL (OVER 15 UNITS DIAMETER)
Sta./Sta. From	Offset/Sta. To			
11+96.92	0.86	RT		24
18+70.71	0.77	RT	8	
21+99.08	9.50	RT	15	
22+36.99	9.80	RT	15	
22+55.46	0.90	RT	15	
23+15.53	8.85	RT	15	
23+86.44	0.15	RT	12	
24+48.15	2.00	RT	10	

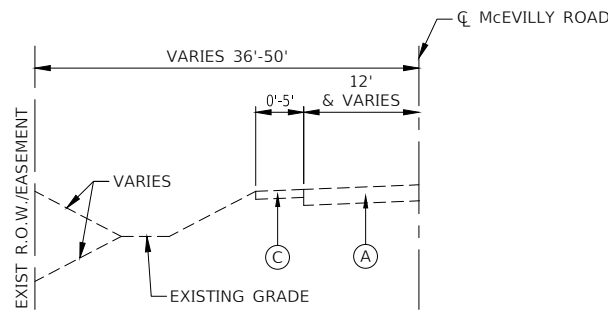
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

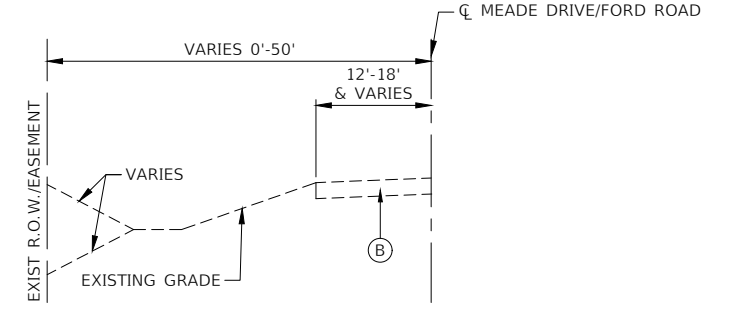
MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) SCHEDULE OF QUANTITIES		
SCALE: NONE	SHEET NO. 4 OF 68 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	4
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	



**EXISTING TYPICAL SECTION**

**McEVILLY ROAD  
STA 10+00 TO STA 26+50**



**EXISTING TYPICAL SECTION**

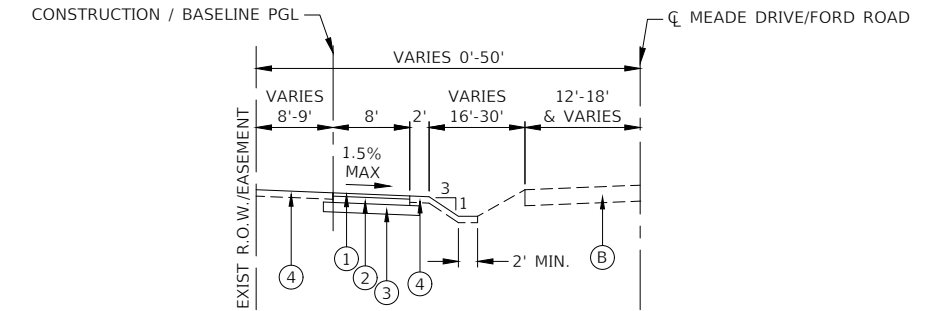
**MEADE DRIVE/FORD ROAD  
STA 26+50 TO STA 33+92.43**

**EARTHWORK TABLE**

TOTAL CUT [EARTH EXCAVATION (SPECIAL)]	2,900	CY
TOTAL FILL	1,500	CY
CUT TO FILL (15% SHRINKAGE)	3,335	CY
FILL NEEDED	1,500	CY

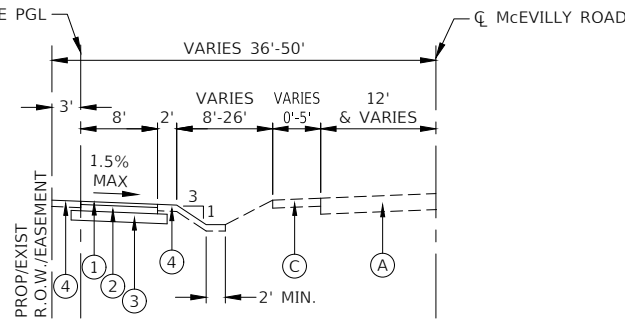
**EARTHWORK NOTES:**

- AGGREGATE SUBGRADE IMPROVEMENT IS TO BE USED FOR FILL.
- FILL WILL LIKELY BE NEEDED FROM STATIONS 12+20.18 TO 12+34.18, 14+52.18 TO 17+50, 20+00 TO 25+50 AND 27+00 TO 28+00. SEE CROSS SECTIONS.
- ANY TOPSOIL EXCAVATION, RE-SPREAD, OR DISPOSAL NECESSARY SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION (SPECIAL).



**PROPOSED TYPICAL SECTION**

**MEADE DRIVE/FORD ROAD  
STA 26+30.81 TO STA 28+00  
STA 31+50 TO STA 32+92.43**

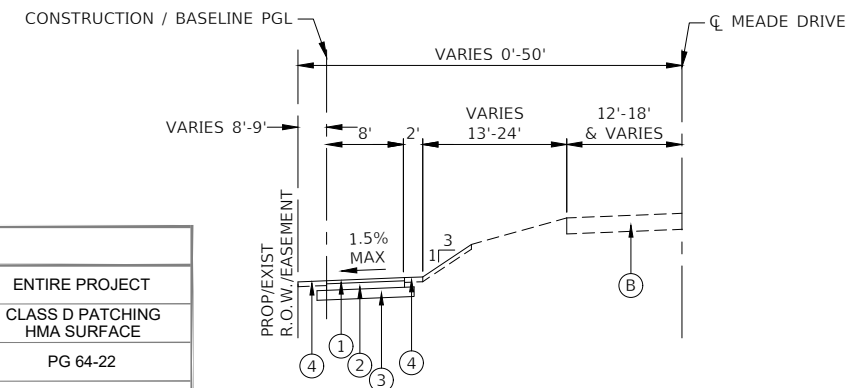


**PROPOSED TYPICAL SECTION**

**McEVILLY ROAD  
STA 10+00 TO STA 12+20.18  
STA 18+08 TO STA 20+00  
STA 21+50 TO STA 22+74.12  
STA 23+06.64 TO STA 26+00.57**

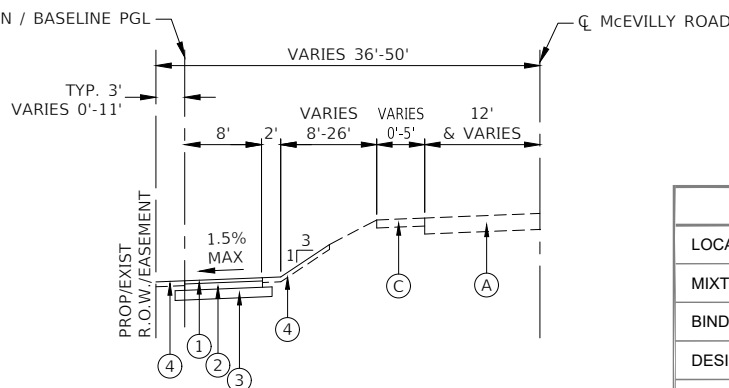
**LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING AGGREGATE ROAD
- (C) EXISTING AGGREGATE SHOULDER
- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
- (2) HMA BINDER COURSE, IL-19.0, N50 - 2.25"
- (3) AGGREGATE BASE COURSE, TYPE B - 6"
- (4) SEEDING CLASS 2A (SPECIAL) OR SEEDING CLASS 1A (SPECIAL)  
TOPSOIL FURNISH AND PLACE, 4"  
EROSION CONTROL BLANKET



**PROPOSED TYPICAL SECTION**

**MEADE DRIVE  
STA 28+00 TO STA 31+50**



**PROPOSED TYPICAL SECTION**

**McEVILLY ROAD  
STA 17+00 TO STA 18+08  
STA 20+00 TO STA 21+50**

**HMA MIXTURE REQUIREMENT TABLE**

LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER	HMA SURFACE	CLASS D PATCHING HMA BINDER	CLASS D PATCHING HMA SURFACE
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:		MIXTURE C		MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	NA	NA	NA	NA
DENSITY TEST METHOD:	NUCLEAR DENSITY GAUGE	NUCLEAR DENSITY GAUGE	NUCLEAR DENSITY GAUGE	NUCLEAR DENSITY GAUGE

**NOTES:**

- SEE SHEETS 53-68 FOR PEDESTRIAN BRIDGE TYPICAL SECTION INFORMATION FROM STA. 12+20.18 TO STA. 15+34.93.
- SEE SHEET 20 FOR TYPICAL SECTION WITH SEGMENTAL CONCRETE BLOCK WALL FROM STA. 15+57.22 TO STA. 17+00.

FILE NAME = 19R0550\_02-TYPX-01 - IDOT P01

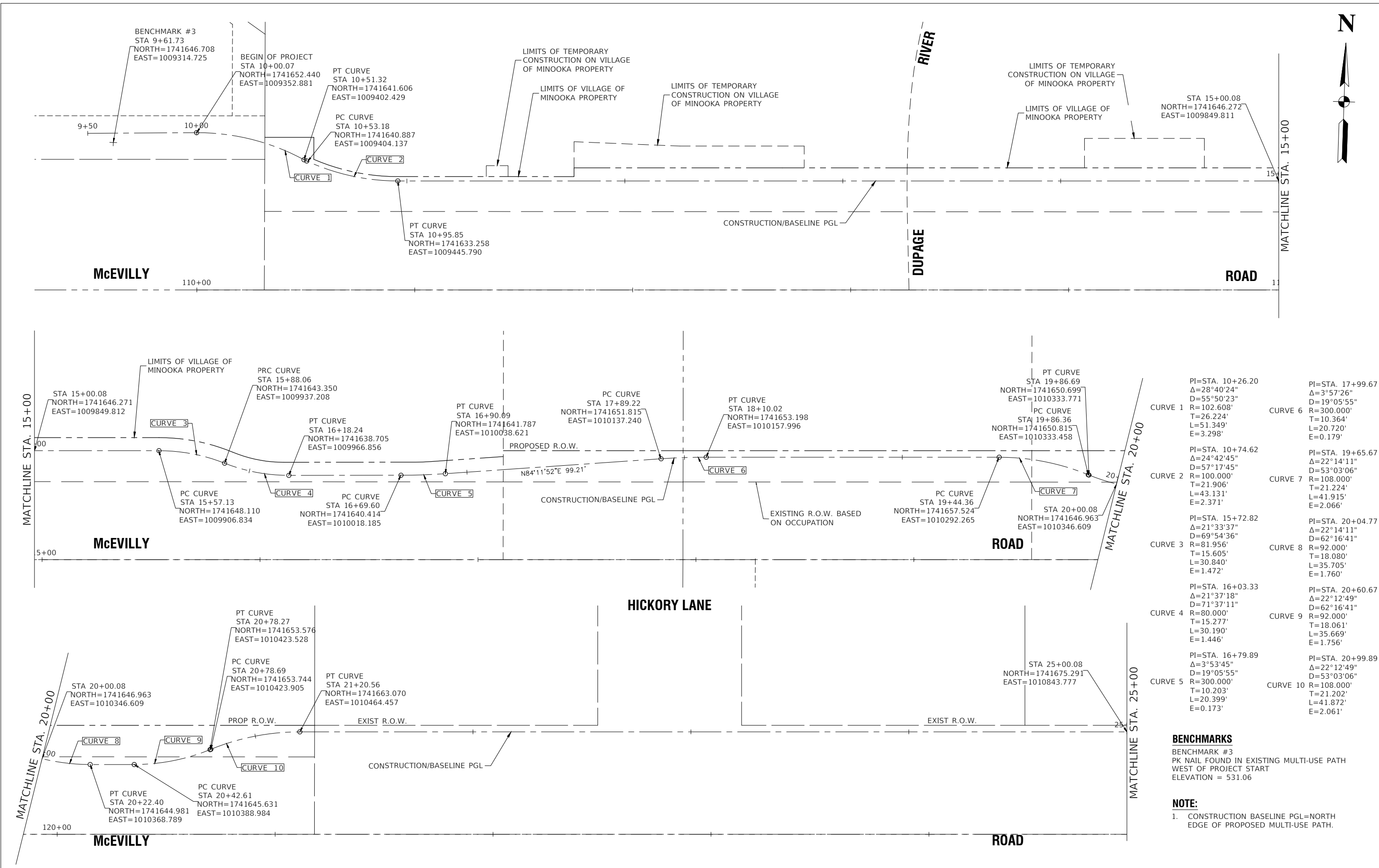
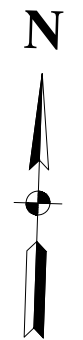
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PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
TYPICAL CROSS SECTIONS

SCALE: SHEET NO. 5 OF 68 SHEETS STA. TO STA.

F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 5
CONTRACT NO. 87840			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)	



CURVE	PI=STA.	Δ	D	R	T	L	E
CURVE 1	10+26.20	28°40'24"	55°50'23"	102.608'	26.224'	51.349'	3.298'
CURVE 2	10+74.62	24°42'45"	57°17'45"	100.000'	21.906'	43.131'	2.371'
CURVE 3	15+72.82	21°33'37"	69°54'36"	81.956'	15.605'	30.840'	1.472'
CURVE 4	16+03.33	21°37'18"	71°37'11"	80.000'	15.277'	30.190'	1.446'
CURVE 5	16+79.89	3°53'45"	19°05'55"	300.000'	10.203'	20.399'	0.173'
CURVE 6	17+99.67	3°57'26"	19°05'55"	300.000'	10.364'	20.720'	0.179'
CURVE 7	19+65.67	22°14'11"	53°03'06"	108.000'	21.224'	41.915'	2.066'
CURVE 8	20+04.77	22°14'11"	62°16'41"	92.000'	18.080'	35.705'	1.760'
CURVE 9	20+60.67	22°12'49"	62°16'41"	92.000'	18.061'	35.669'	1.756'
CURVE 10	20+99.89	22°12'49"	53°03'06"	108.000'	21.202'	41.872'	2.061'

**BENCHMARKS**  
 BENCHMARK #3  
 PK NAIL FOUND IN EXISTING MULTI-USE PATH  
 WEST OF PROJECT START  
 ELEVATION = 531.06

**NOTE:**  
 1. CONSTRUCTION BASELINE PGL=NORTH  
 EDGE OF PROPOSED MULTI-USE PATH.

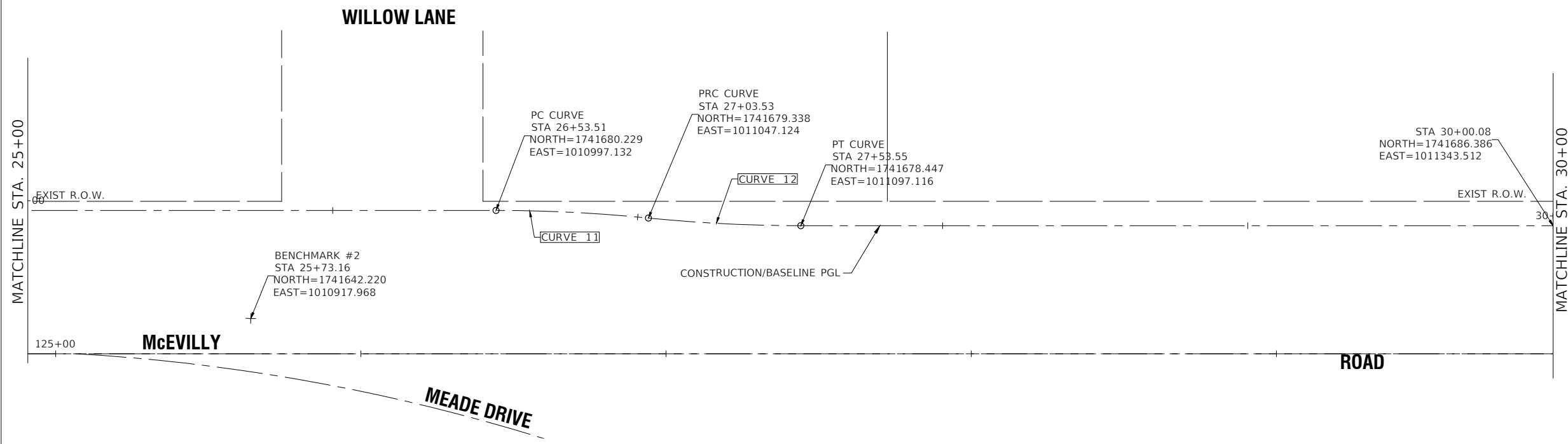
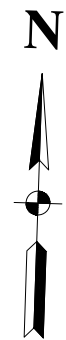
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		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- MED	REVISED --
	PLOT DATE = 7-8-24	CHECKED -- ACAD	REVISED --

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MULTI-USE PATH DU PAGE RIVER TO FORD ROAD**  
 F.A.U. 0393 (MCEVILLY ROAD)  
**ALIGNMENT AND TIES**

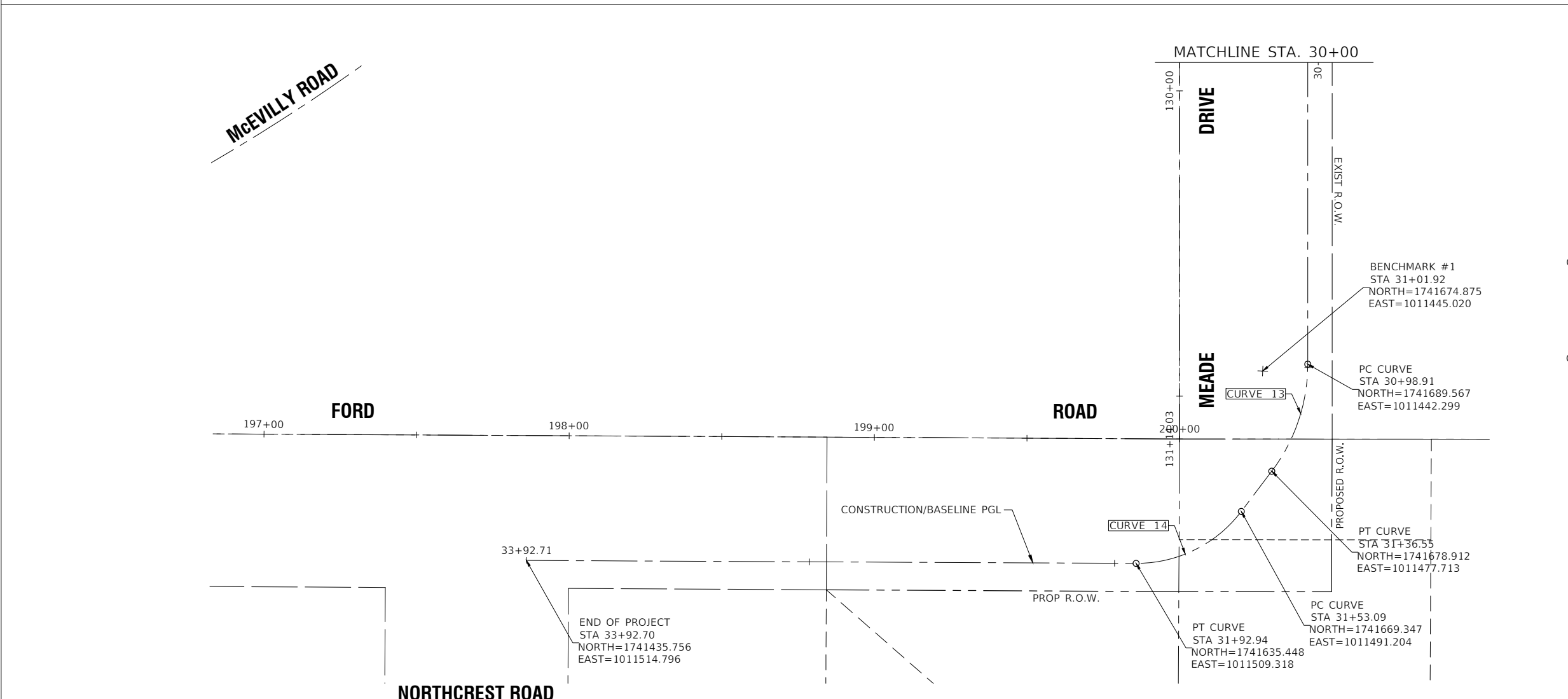
SCALE: SHEET NO. 6 OF 68 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	6
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				



PI=STA. 26+78.54  
 $\Delta=5^{\circ}43'55''$   
 $D=11^{\circ}27'33''$   
 CURVE 11 R=500.000'  
 T=25.031'  
 L=50.021'  
 E=0.626'

PI=STA. 27+28.56  
 $\Delta=5^{\circ}43'55''$   
 $D=11^{\circ}27'33''$   
 CURVE 12 R=500.000'  
 T=25.031'  
 L=50.021'  
 E=0.626'



PI=STA. 31+18.42  
 $\Delta=37^{\circ}10'52''$   
 $D=98^{\circ}47'09''$   
 CURVE 13 R=58.000'  
 T=19.509'  
 L=37.638'  
 E=3.193'

PI=STA. 31+74.57  
 $\Delta=53^{\circ}05'33''$   
 $D=133^{\circ}14'46''$   
 CURVE 14 R=43.000'  
 T=21.482'  
 L=39.845'  
 E=5.068'

**BENCHMARKS**  
 BENCHMARK #2  
 IRON SET NORTHWEST CORNER INTERSECTION OF  
 McEVILLY ROAD AND WILLOW LANE  
 ELEVATION = 526.51

BENCHMARK #1  
 USGS BRASS DISK IN 10"X10" CONC POST  
 ELEVATION = 537.67

**NOTE:**  
 1. CONSTRUCTION BASELINE PGL=NORTH  
 EDGE OF PROPOSED MULTI-USE PATH.

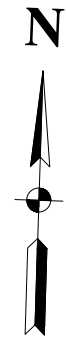
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		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- MED	REVISED --
	PLOT DATE = 7-8-24	CHECKED -- ACAD	REVISED --

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
 F.A.U. 0393 (MCEVILLY ROAD)  
 ALIGNMENT AND TIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	7
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				

SCALE: SHEET NO. 7 OF 68 SHEETS STA. TO STA.

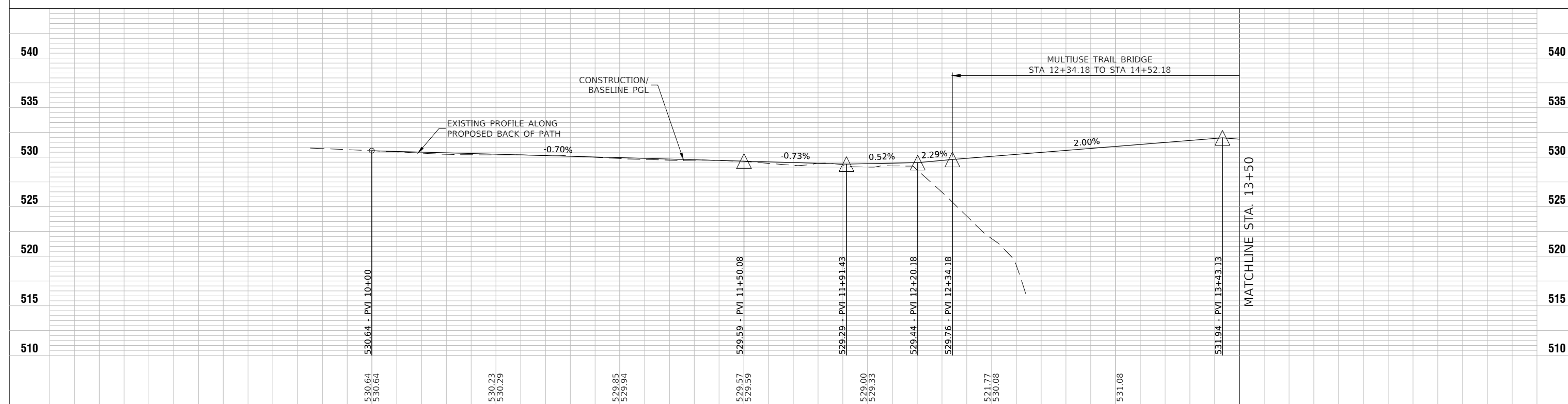
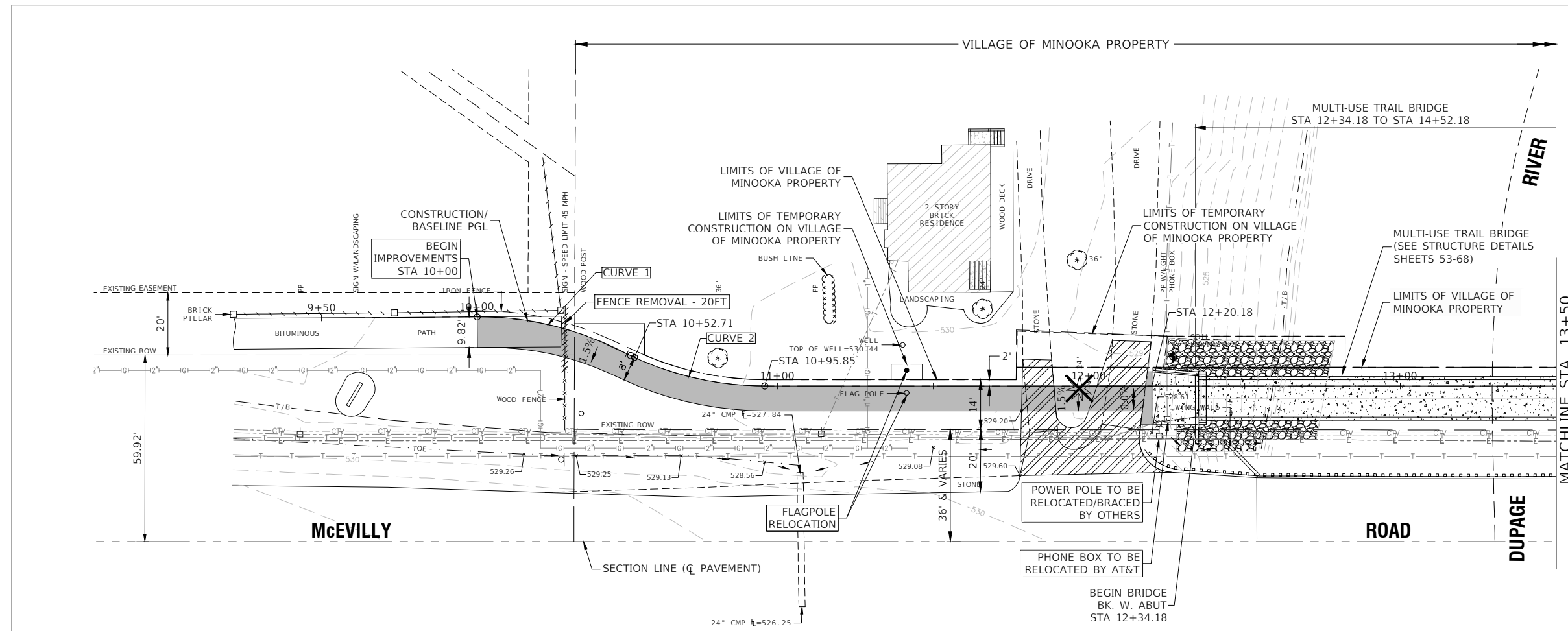


PI=STA. 10+26.20  
 $\Delta=28^{\circ}40'24''$   
 $D=55^{\circ}50'23''$   
 $R=102.608'$   
 $T=26.224'$   
 $L=51.349'$   
 $E=3.298'$

PI=STA. 10+74.62  
 $\Delta=24^{\circ}42'45''$   
 $D=57^{\circ}17'45''$   
 $R=100.000'$   
 $T=21.906'$   
 $L=43.131'$   
 $E=2.371'$

- LEGEND:**
- SLOPE DIRECTION
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - AGGREGATE BASE COURSE, TYPE B, 6"
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - PREPARATION OF BASE
  - PAVEMENT REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL AND REPLACED WITH MULTI-USE PATH
  - DRIVEWAY PAVEMENT REMOVAL
  - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
  - PAVEMENT DRIVEWAY REMOVAL
  - HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
  - SIDEWALK REMOVAL
  - COMBINATION CURB AND GUTTER REMOVAL
  - COMBINATION CURB AND GUTTER, TYPE B-6.12
  - SEGMENTAL CONCRETE BLOCK WALL
  - PROPOSED SPLIT RAIL FENCE
  - EXISTING MINOR CONTOUR
  - EXISTING MAJOR CONTOUR
  - TREE REMOVAL
  - DETECTABLE WARNINGS PLACED IN PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
  - STONE RIPRAP, CLASS A4 (SEE STRUCTURE DETAILS SHEETS S1-S16)

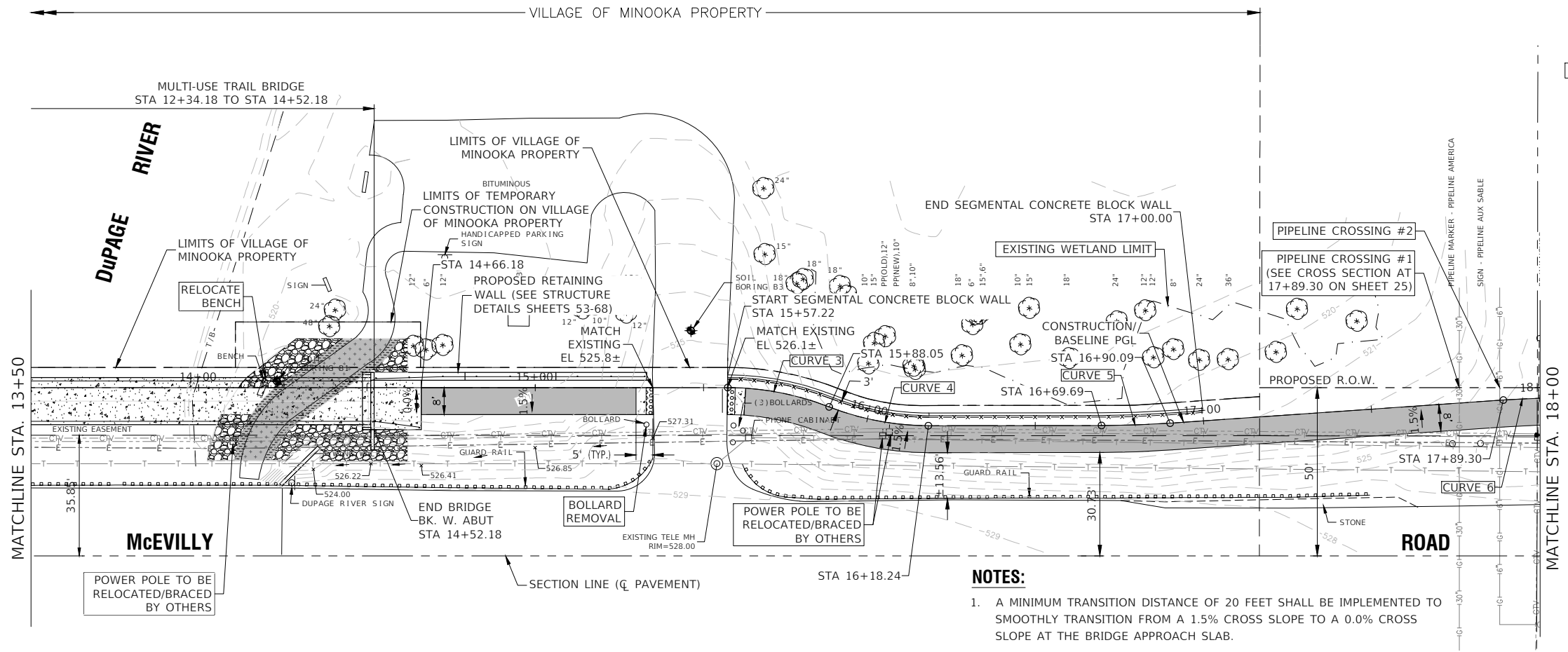
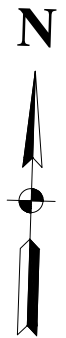
- NOTES:**
- A MINIMUM TRANSITION DISTANCE OF 20 FEET SHALL BE IMPLEMENTED TO SMOOTHLY TRANSITION FROM A 1.5% CROSS SLOPE TO A 0.0% CROSS SLOPE AT THE BRIDGE APPROACH SLAB.



FILE NAME = 19R0550-02-PLPR-01 - PLPR01	USER NAME =	DESIGNED - JR	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.U. 0393 (MCEVILLY ROAD) MULTI-USE PATH DU PAGE RIVER TO FORD ROAD PLAN & PROFILE		F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 8	
	CHECKED - WD	REVISD -			SCALE: H 1"=20' V 1"=5'		SHEET NO. 8	OF 68 SHEETS	STA. 10+00	TO STA. 33+92.43	CONTRACT NO. 87840	
	PLOT SCALE =	DRAWN - K.W.M.	REVISD -		FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT E9N8 (383)				
	PLOT DATE = 7-8-24	CHECKED - AG	REVISD -									



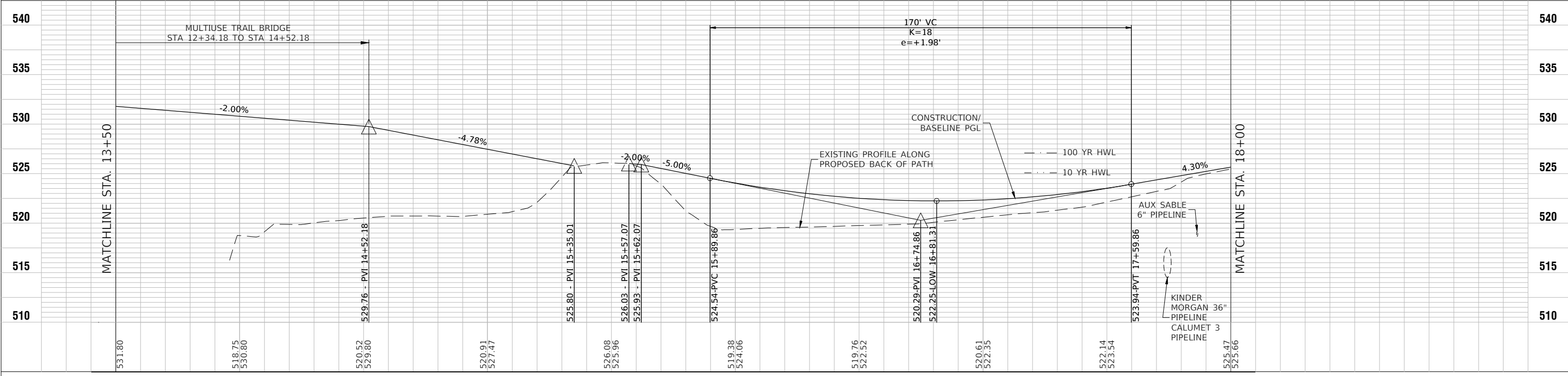
PI=STA. 15+72.82 Δ=21°33'37" D=69°54'36" R=81.956' T=15.605' L=30.840' E=1.472'	PI=STA. 16+79.89 Δ=3°53'45" D=19°05'55" R=300.000' T=10.203' L=20.399' E=0.173'
PI=STA. 16+03.33 Δ=21°37'18" D=71°37'11" R=80.000' T=15.277' L=30.190' E=1.446'	PI=STA. 17+99.67 Δ=3°57'26" D=19°05'55" R=300.000' T=10.364' L=20.720' E=0.179'



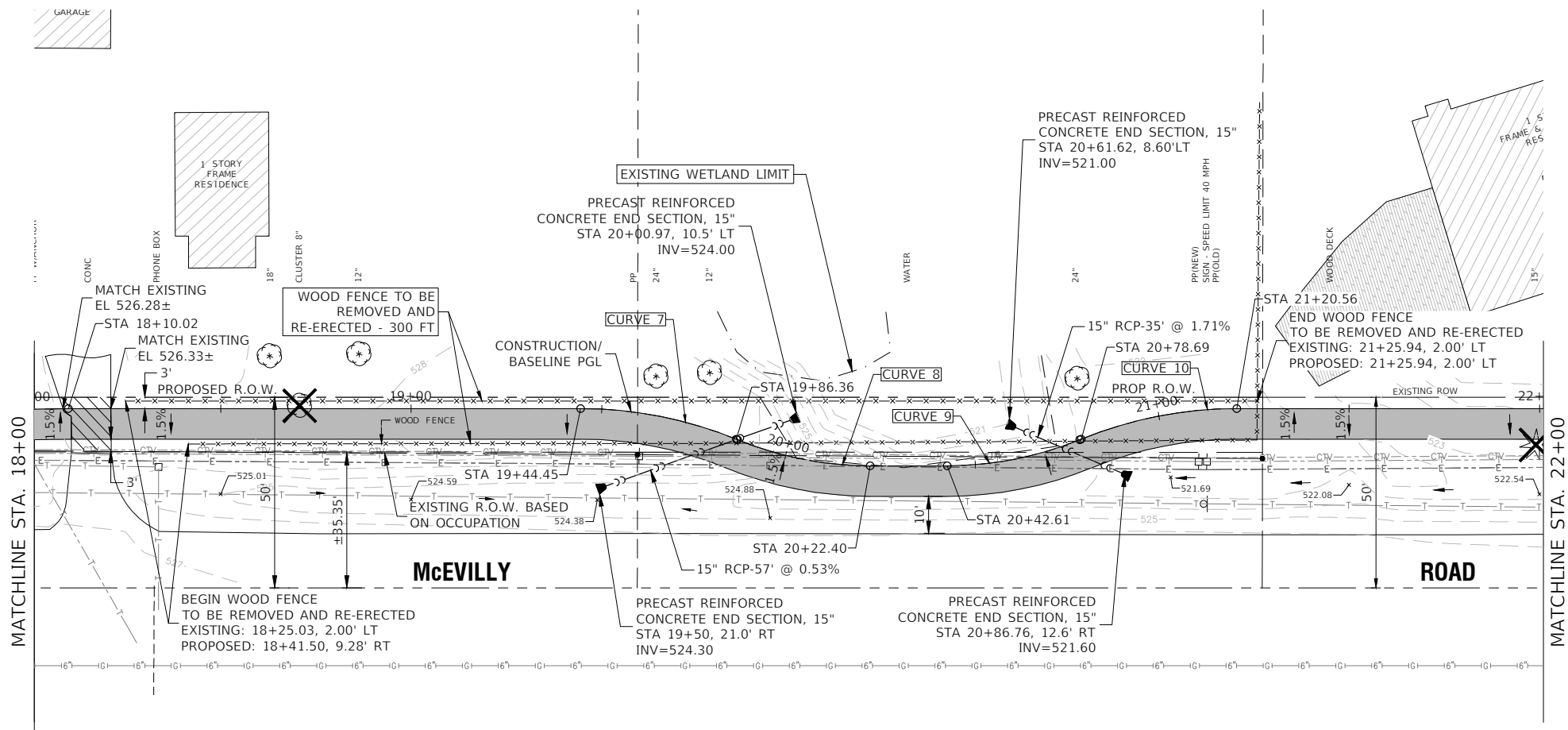
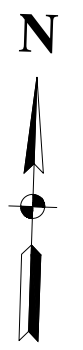
**LEGEND:**

- SLOPE DIRECTION
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
- AGGREGATE BASE COURSE, TYPE B, 6"
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
- PREPARATION OF BASE PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL AND REPLACED WITH MULTI-USE PATH
- DRIVEWAY PAVEMENT REMOVAL PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- PAVEMENT DRIVEWAY REMOVAL HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- SEGMENTAL CONCRETE BLOCK WALL
- PROPOSED SPLIT RAIL FENCE
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- TREE REMOVAL
- DETECTABLE WARNINGS PLACED IN PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- STONE RIPRAP, CLASS A4 (SEE STRUCTURE DETAILS SHEETS S1-S16)
- AGGREGATE SHOULDERS (SPECIAL)

- NOTES:**
- A MINIMUM TRANSITION DISTANCE OF 20 FEET SHALL BE IMPLEMENTED TO SMOOTHLY TRANSITION FROM A 1.5% CROSS SLOPE TO A 0.0% CROSS SLOPE AT THE BRIDGE APPROACH SLAB.
  - CONTRACTOR TO SUBMIT CONSTRUCTION EQUIPMENT PLANNED FOR GRADING, ASPHALT PLACEMENT, ETC. EMAIL EQUIPMENT SPECS TO KMENCROACHMENTS CENTRAL@KINDERMORGAN.COM FOR CONSTRUCTION EQUIPMENT TO BE REVIEWED AND APPROVED. AND PRIOR TO THE START OF ANY WORK WITHIN THE KINDER MORGAN PROPERTIES.



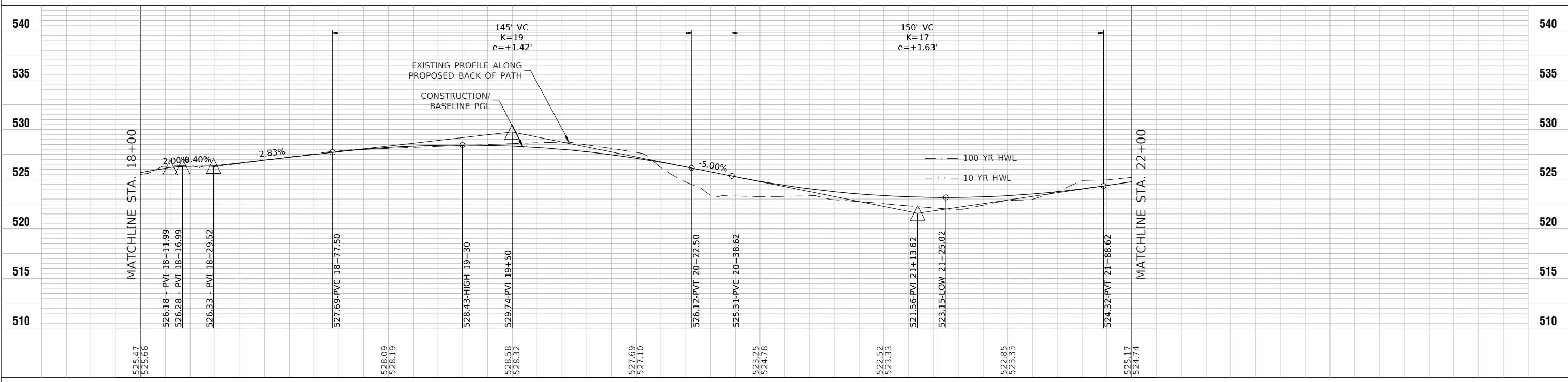
FILE NAME = 19R0550-02-PLPR-01 - PLPR02	USER NAME =	DESIGNED - JR	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.U. 0393 (MCEVILLY ROAD) MULTI-USE PATH DU PAGE RIVER TO FORD ROAD PLAN & PROFILE	F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 9
	PLOT SCALE =	CHECKED - WD	REVISOR -		SCALE: H 1"=20' V 1"=5'					
	PLOT DATE = 7-8-24	DRAWN - K.W.M.	REVISOR -		SHEET NO. 9 OF 68 SHEETS	STA. 10+00 TO STA. 33+92.43				
		CHECKED - AG	REVISOR -				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT E9N8 (383)	CONTRACT NO. 87840



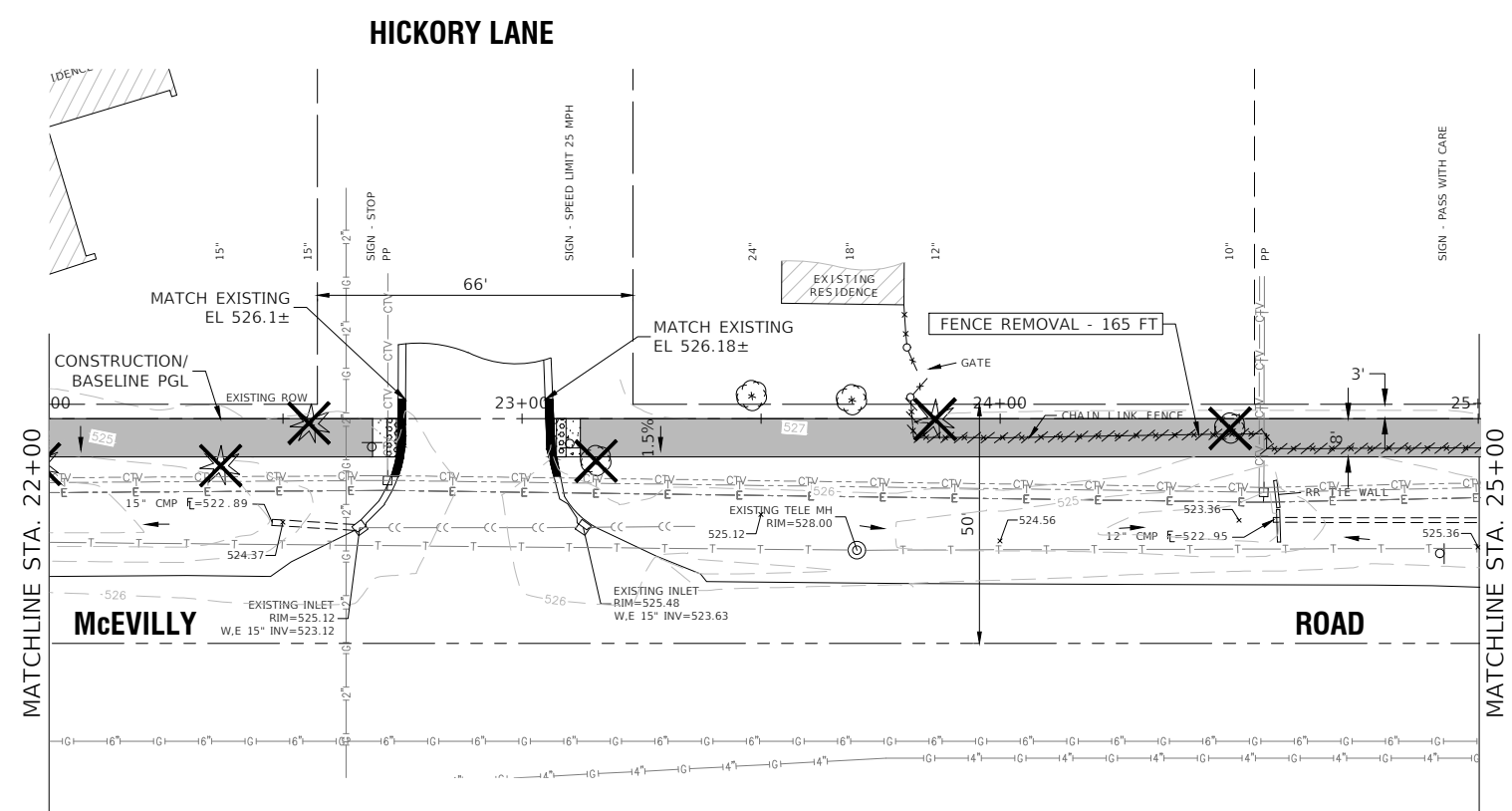
<b>CURVE 7</b>	PI=STA. 19+65.67 Δ=22°14'11" D=53°03'06" R=108.000' T=21.224' L=41.915' E=2.066'	<b>CURVE 9</b>	PI=STA. 20+60.67 Δ=22°12'49" D=62°16'41" R=92.000' T=18.061' L=35.669' E=1.756'
<b>CURVE 8</b>	PI=STA. 20+04.77 Δ=22°14'11" D=62°16'41" R=92.000' T=18.080' L=35.705' E=1.760'	<b>CURVE 10</b>	PI=STA. 20+99.89 Δ=22°12'49" D=53°03'06" R=108.000' T=21.202' L=41.872' E=2.061'

**LEGEND:**

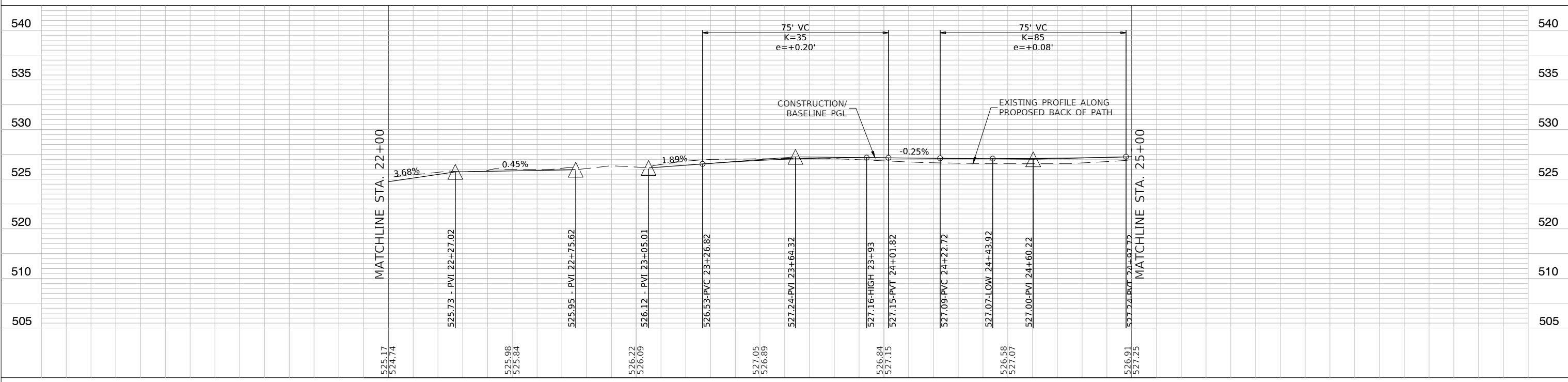
- SLOPE DIRECTION
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
- AGGREGATE BASE COURSE, TYPE B, 6"
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
- PREPARATION OF BASE PAVEMENT REMOVAL
- DRIVEWAY PAVEMENT REMOVAL AND REPLACED WITH MULTI-USE PATH
- DRIVEWAY PAVEMENT REMOVAL PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
- PAVEMENT DRIVEWAY REMOVAL HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- SEGMENTAL CONCRETE BLOCK WALL
- PROPOSED SPLIT RAIL FENCE
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- TREE REMOVAL
- DETECTABLE WARNINGS PLACED IN PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
- STONE RIPRAP, CLASS A4 (SEE STRUCTURE DETAILS SHEETS S1-S16)



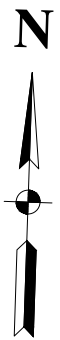
FILE NAME = 19R0550-02-PLPR-01 - PLPR03	USER NAME =	DESIGNED = JR	REVISD =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A.U. 0393 (MCEVILLY ROAD)		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	CHECKED = WD	REVISD =				393	21-00058-00 BT	WILL	68	10		
	PLOT SCALE =	DRAWN = K.W.M.	REVISD =			CONTRACT NO. 87840						
	PLOT DATE = 7-8-24	CHECKED = AG	REVISD =			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT E9N8 (383)						
				SCALE: H 1"=20' V 1"=5'		SHEET NO. 10 OF 68 SHEETS		STA. 10+00 TO STA. 3+92.43				



- LEGEND:**
- SLOPE DIRECTION
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - AGGREGATE BASE COURSE, TYPE B, 6"
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - PREPARATION OF BASE
  - PAVEMENT REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL AND REPLACED WITH MULTI-USE PATH
  - DRIVEWAY PAVEMENT REMOVAL
  - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
  - PAVEMENT DRIVEWAY REMOVAL
  - HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
  - SIDEWALK REMOVAL
  - COMBINATION CURB AND GUTTER REMOVAL
  - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - SEGMENTAL CONCRETE BLOCK WALL
  - PROPOSED SPLIT RAIL FENCE
  - EXISTING MINOR CONTOUR
  - EXISTING MAJOR CONTOUR
  - TREE REMOVAL
  - DETECTABLE WARNINGS PLACED IN PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
  - STONE RIPRAP, CLASS A4 (SEE STRUCTURE DETAILS SHEETS S1-S16)

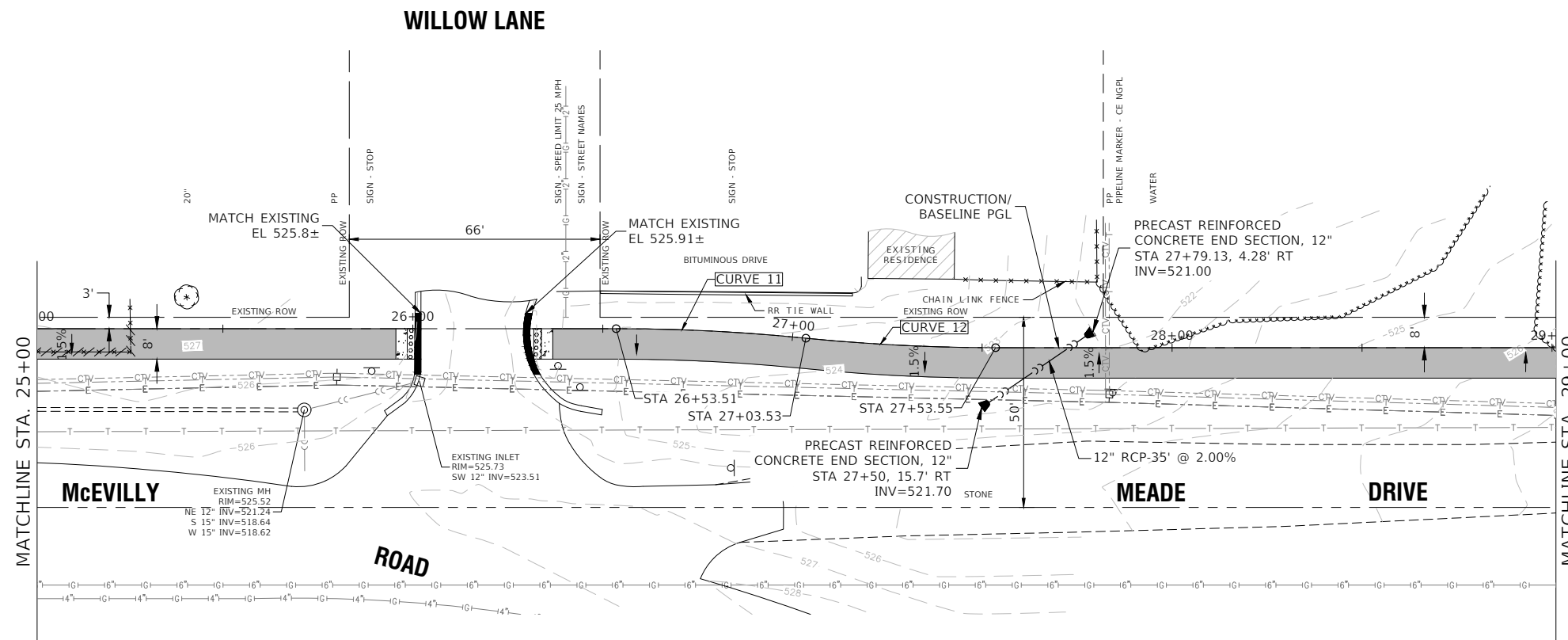


FILE NAME = 19R0550-02-PLPR-01 - PLPR04	USER NAME =	DESIGNED - JR	REVISD -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>F.A.U. 0393 (MCEVILLY ROAD)</b> <b>MULTI-USE PATH DU PAGE RIVER TO FORD ROAD</b> <b>PLAN &amp; PROFILE</b>	F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 11	
PLOT SCALE =	DRAWN - K.W.M.	REVISD -	REVISD -		SCALE: H 1"=20' V 1"=5'	SHEET NO. 11	OF 68 SHEETS	STA. 10+00	TO STA. 33+92.43	CONTRACT NO. 87840	
PLOT DATE = 7-8-24	CHECKED - AG	REVISD -	REVISD -		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT E9N8 (383)				

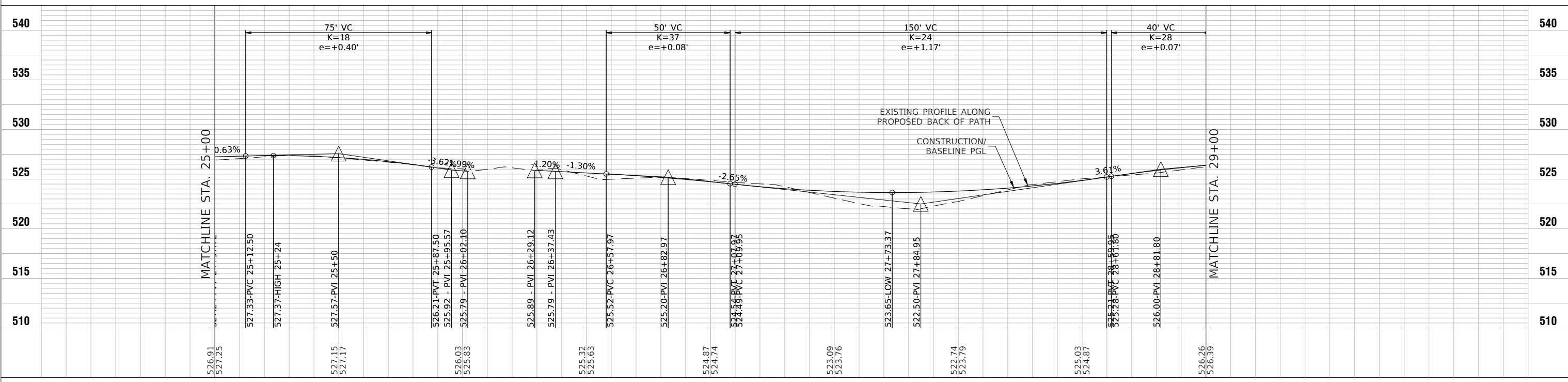


PI=STA. 26+78.54  
 $\Delta=5^{\circ}43'55''$   
 $D=11^{\circ}27'33''$   
 $R=500.000'$   
 $T=25.031'$   
 $L=50.021'$   
 $E=0.626'$

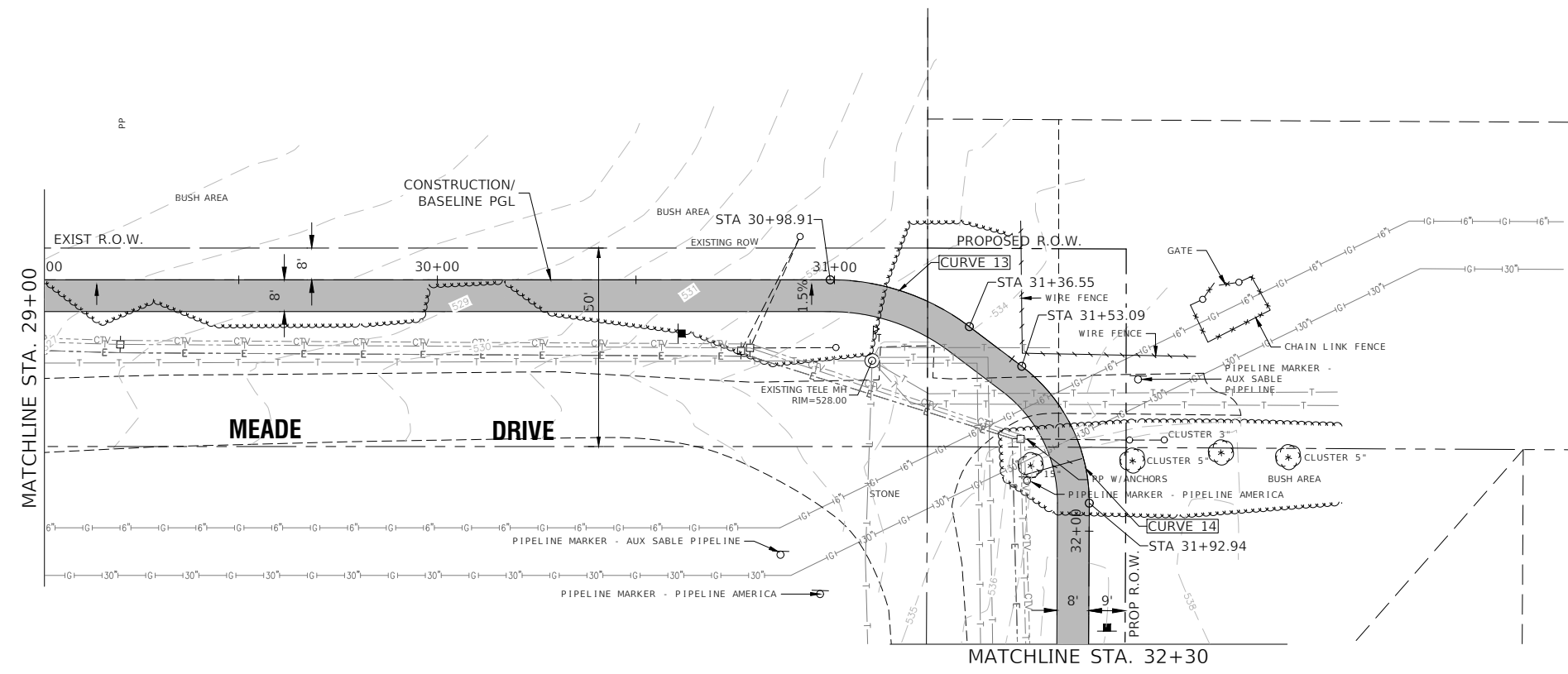
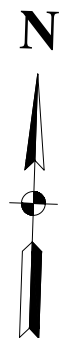
PI=STA. 27+28.56  
 $\Delta=5^{\circ}43'55''$   
 $D=11^{\circ}27'33''$   
 $R=500.000'$   
 $T=25.031'$   
 $L=50.021'$   
 $E=0.626'$



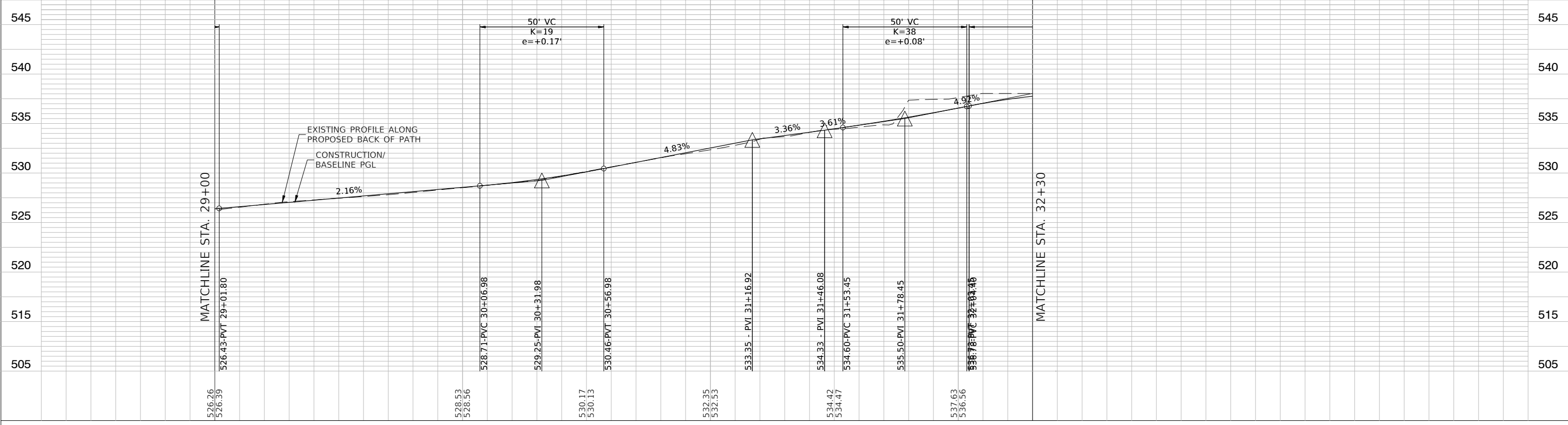
- LEGEND:**
- SLOPE DIRECTION
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - AGGREGATE BASE COURSE, TYPE B, 6"
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - PREPARATION OF BASE PAVEMENT REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL AND REPLACED WITH MULTI-USE PATH
  - DRIVEWAY PAVEMENT REMOVAL
  - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
  - PAVEMENT DRIVEWAY REMOVAL
  - HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
  - SIDEWALK REMOVAL
  - COMBINATION CURB AND GUTTER REMOVAL
  - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - SEGMENTAL CONCRETE BLOCK WALL
  - PROPOSED SPLIT RAIL FENCE
  - EXISTING MINOR CONTOUR
  - EXISTING MAJOR CONTOUR
  - TREE REMOVAL
  - DETECTABLE WARNINGS PLACED IN PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
  - STONE RIPRAP, CLASS A4 (SEE STRUCTURE DETAILS SHEETS S1-S16)



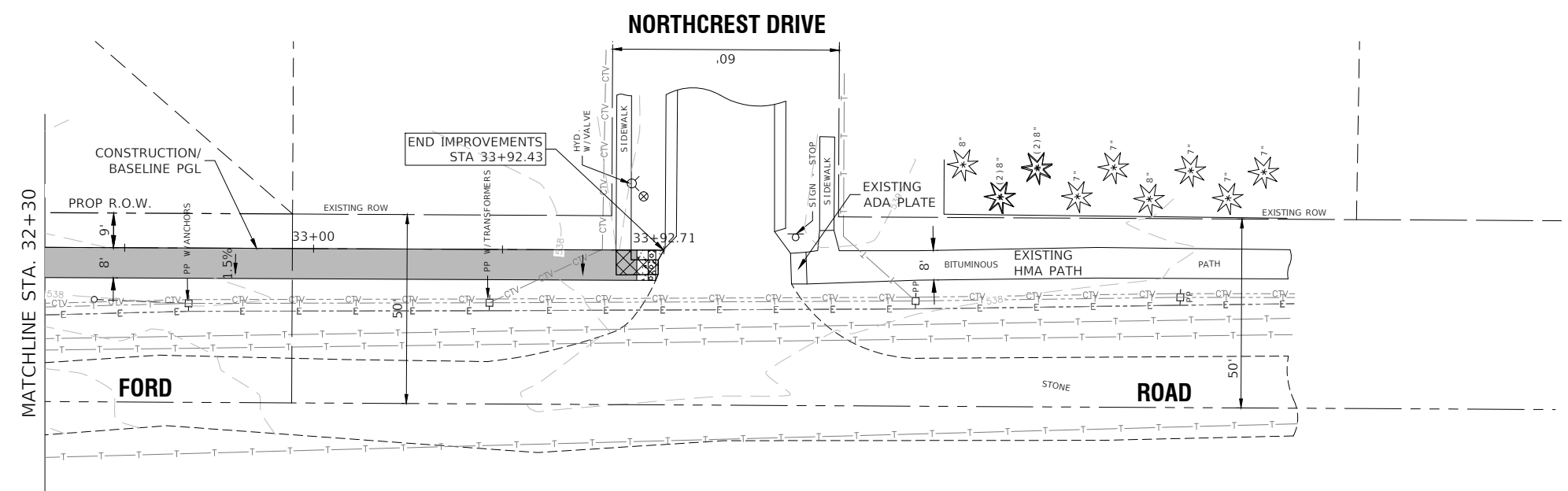
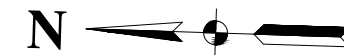
FILE NAME = 19R0550-02-PLPR-01 - PLPR05	USER NAME =	DESIGNED - JR	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.U. 0393 (MCEVILLY ROAD) MULTI-USE PATH DU PAGE RIVER TO FORD ROAD PLAN & PROFILE		F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 12
	PLOT SCALE =	DRAWN - K.W.M.	REVISD -		SCALE: H 1"=20' V 1"=5'	SHEET NO. 12 OF 68 SHEETS	STA. 10+00 TO STA. 33+92.43	CONTRACT NO. 87840		FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)	
	PLOT DATE = 7-8-24	CHECKED - AG	REVISD -								



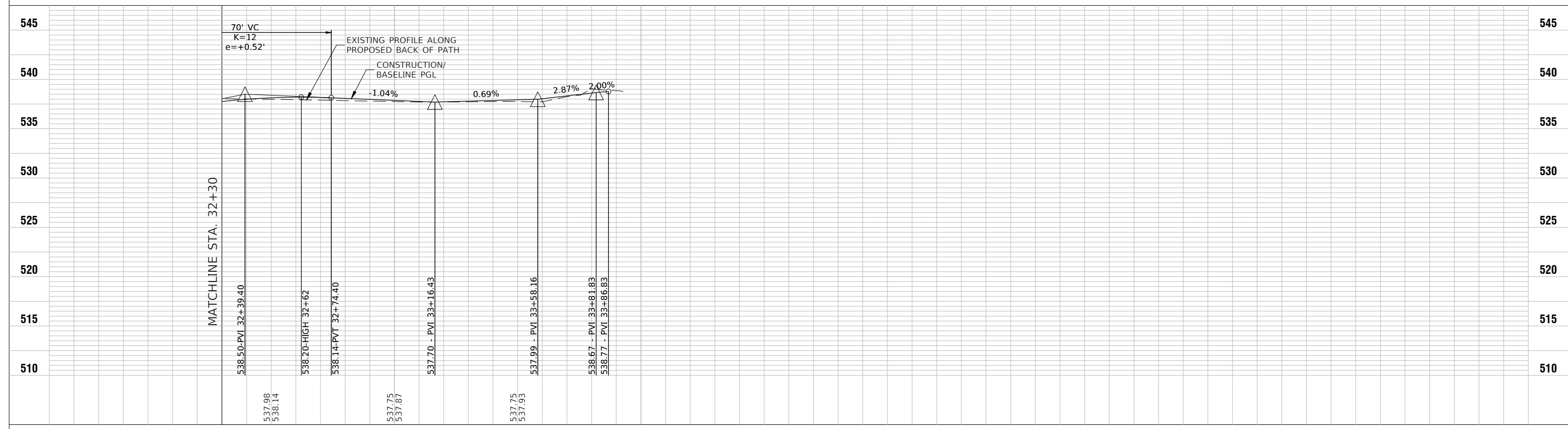
- PI=STA. 31+18.42  
 $\Delta=37^{\circ}10'52''$   
 $D=98^{\circ}47'09''$   
 $R=58.000'$   
 $T=19.509'$   
 $L=37.638'$   
 $E=3.193'$
- PI=STA. 31+74.57  
 $\Delta=53^{\circ}05'33''$   
 $D=133^{\circ}14'46''$   
 $R=43.000'$   
 $T=21.482'$   
 $L=39.845'$   
 $E=5.068'$
- LEGEND:**
- SLOPE DIRECTION
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - AGGREGATE BASE COURSE, TYPE B, 6"
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - PREPARATION OF BASE
  - PAVEMENT REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL AND REPLACED WITH MULTI-USE PATH
  - DRIVEWAY PAVEMENT REMOVAL
  - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
  - PAVEMENT DRIVEWAY REMOVAL
  - HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
  - SIDEWALK REMOVAL
  - COMBINATION CURB AND GUTTER REMOVAL
  - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - SEGMENTAL CONCRETE BLOCK WALL
  - PROPOSED SPLIT RAIL FENCE
  - EXISTING MINOR CONTOUR
  - EXISTING MAJOR CONTOUR
  - TREE REMOVAL
  - DETECTABLE WARNINGS PLACED IN PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
  - STONE RIPRAP, CLASS A4 (SEE STRUCTURE DETAILS SHEETS S1-S16)



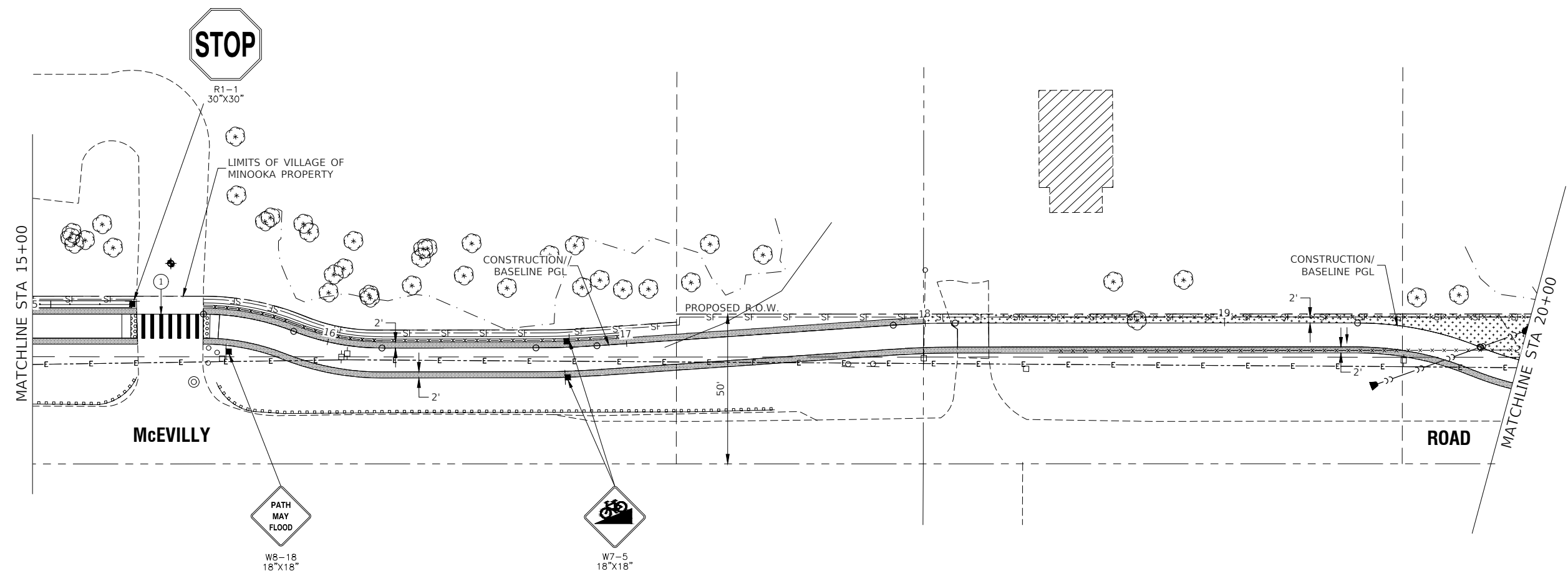
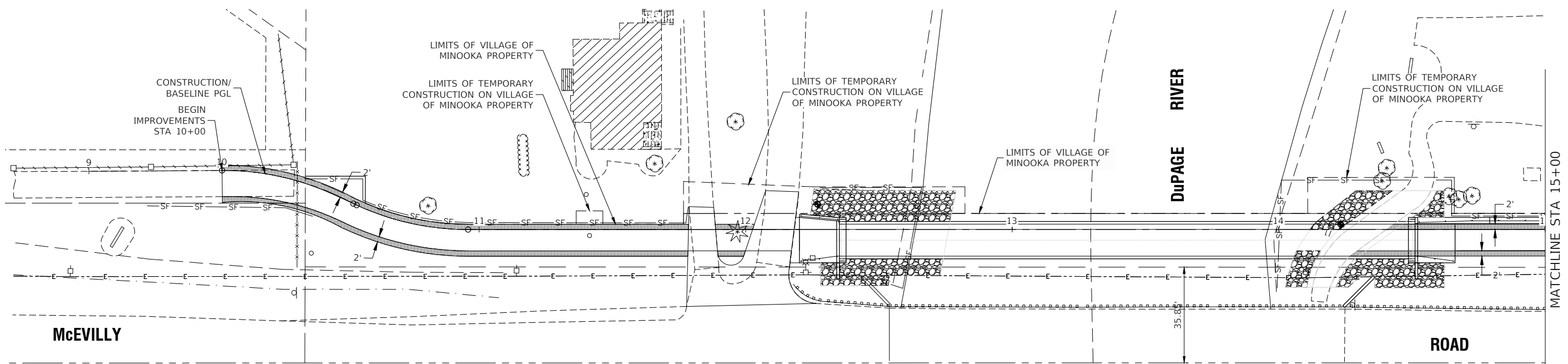
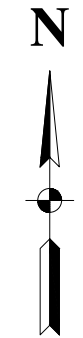
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	PLOT SCALE =	CHECKED - WD	REVISOR -		SCALE: H 1"=20' V 1"=5'		SHEET NO. 13 OF 68 SHEETS		STA. 10+00 TO STA. 33+92.43		CONTRACT NO. 87840	
	PLOT DATE = 7-8-24	DRAWN - K.W.M.	REVISOR -		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT E9N8 (383)			
		CHECKED - AG	REVISOR -									



- LEGEND:**
- SLOPE DIRECTION
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - AGGREGATE BASE COURSE, TYPE B, 6"
  - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 - 1.5"
  - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 - 2.25"
  - PREPARATION OF BASE
  - PAVEMENT REMOVAL
  - DRIVEWAY PAVEMENT REMOVAL AND REPLACED WITH MULTI-USE PATH
  - DRIVEWAY PAVEMENT REMOVAL
  - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH
  - PAVEMENT DRIVEWAY REMOVAL
  - HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"
  - SIDEWALK REMOVAL
  - COMBINATION CURB AND GUTTER REMOVAL
  - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
  - SEGMENTAL CONCRETE BLOCK WALL
  - PROPOSED SPLIT RAIL FENCE
  - EXISTING MINOR CONTOUR
  - EXISTING MAJOR CONTOUR
  - TREE REMOVAL
  - DETECTABLE WARNINGS PLACED IN PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
  - STONE RIPRAP, CLASS A4 (SEE STRUCTURE DETAILS SHEETS S1-S16)



FILE NAME = 19R0550-02-PLPR-01 - PLPR07	USER NAME =	DESIGNED - JR	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>F.A.U. 0393 (MCEVILLY ROAD)</b> <b>MULTI-USE PATH DU PAGE RIVER TO FORD ROAD</b> <b>PLAN &amp; PROFILE</b>	F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 14	
	PLOT SCALE =	DRAWN - KWM, MED	REVISOR -			CONTRACT NO. 87840					
	PLOT DATE = 7-8-24	CHECKED - AG	REVISOR -			SCALE: H 1"=20' V 1"=5' SHEET NO. 14 OF 68 SHEETS STA. 10+00 TO STA. 33+92.43					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT E9N8 (383)											



- LEGEND**
- SF— PERIMETER EROSION BARRIER
  - ◊ INLET FILTERS
  - STONE RIPRAP, CLASS A4
  - TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A (SPECIAL) EROSION CONTROL BLANKET
  - TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A (SPECIAL) EROSION CONTROL BLANKET
  - ① THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

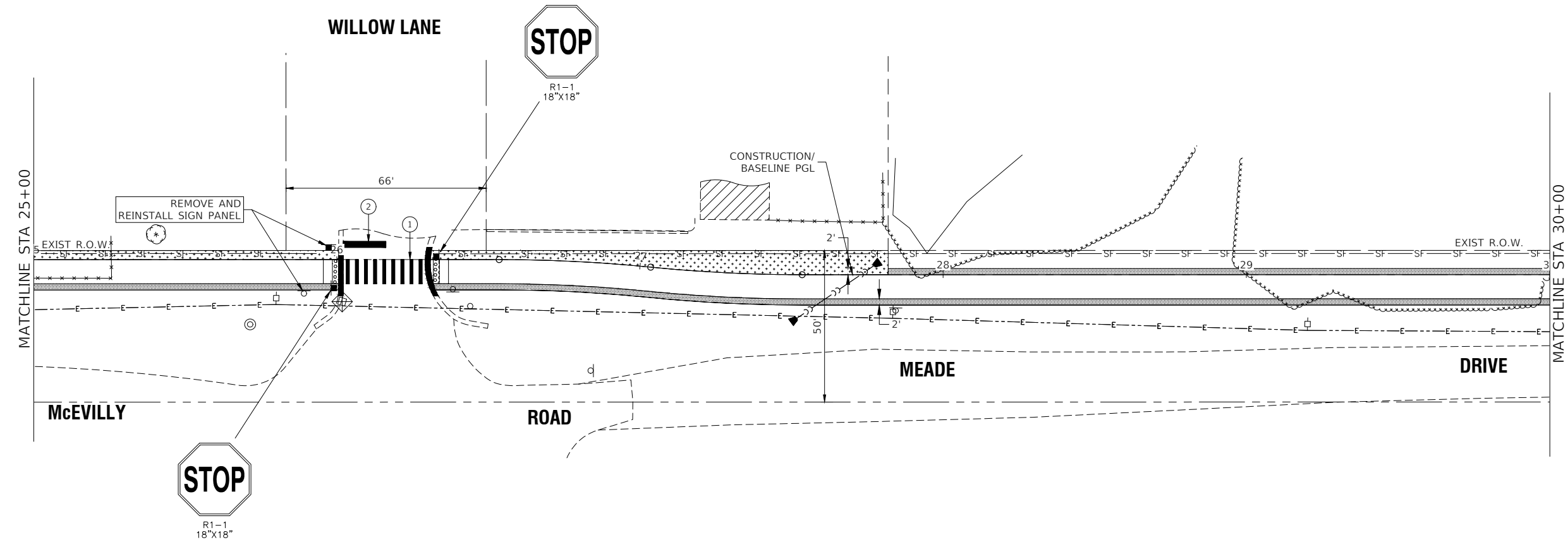
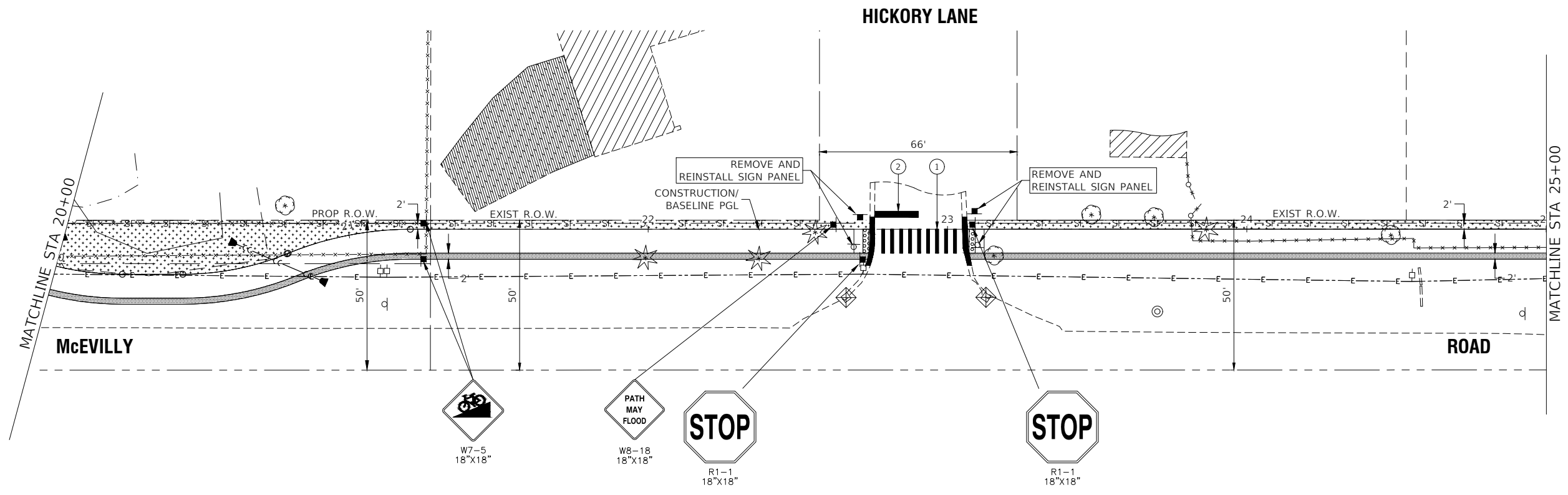
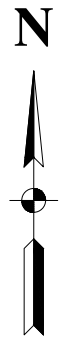
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	PLOT DATE = 7-8-24	CHECKED -- ACAD	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
LANDSCAPING, EROSION CONTROL, STRIPING & SIGNAGE**

SCALE: SHEET NO. 15 OF 68 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	15
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				



- LEGEND**
- SF— PERIMETER EROSION BARRIER
  - ◇ INLET FILTERS
  - ▨ STONE RIPRAP, CLASS A4
  - ▤ TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A (SPECIAL) EROSION CONTROL BLANKET
  - ▥ TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A (SPECIAL) EROSION CONTROL BLANKET
  - ① THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
  - ② THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

FILE NAME = 19R0550-02-LNSC-01 - IDOT P2	USER NAME =	DESIGNED -- JR	REVISED --
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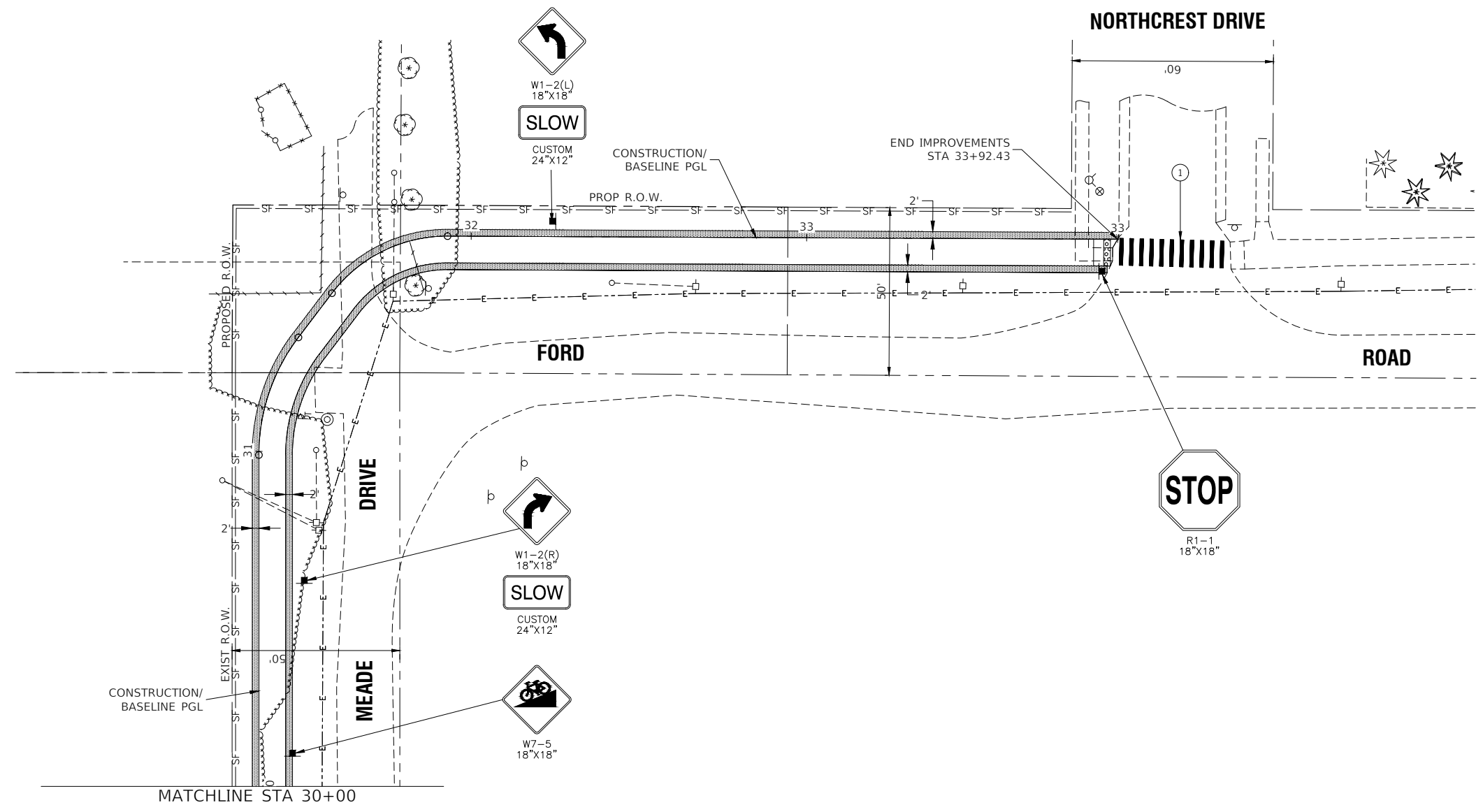
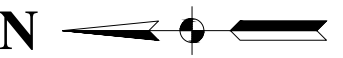
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
LANDSCAPING, EROSION CONTROL, STRIPING & SIGNAGE**

SCALE:      SHEET NO. 16 OF 68 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	16
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				





**LEGEND**

- SF— PERIMETER EROSION BARRIER
- ◊ INLET FILTERS
- STONE RIPRAP, CLASS A4
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 1A (SPECIAL) EROSION CONTROL BLANKET
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A (SPECIAL) EROSION CONTROL BLANKET
- ① THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)

FILE NAME = 19R0550-02-LNSC-01 - IDOT P3	USER NAME =	DESIGNED -- JR	REVISED --
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	PLOT DATE = 7-8-24	CHECKED -- ACAD	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
LANDSCAPING, EROSION CONTROL, STRIPING & SIGNAGE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	17
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				

SCALE: SHEET NO. 17 OF 68 SHEETS STA. TO STA.

**GENERAL NOTES**

THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES ILR10 CONSTRUCTION GENERAL PERMIT (CGP) ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING THE QUALIFIED PERSONNEL AND FOR PERFORMING THE REQUIRED INSPECTIONS.

1. **PROJECT DESCRIPTION**

THE PROJECT CONSISTS OF THE CONSTRUCTION OF A MULTI-USE TRAIL, PEDESTRIAN BRIDGE AND INSTALLATION OF NEW STORM SEWER/PIPE CULVERTS. THE TOTAL AREA OF DISTURBANCE IS APPROXIMATELY 1.50 ACRES.

2. **EXISTING SITE CONDITIONS AND SURROUNDING AREAS**

THE WORK IS CONTAINED WITHIN THE VILLAGE OF MINOOKA RIGHT-OF-WAY AND/OR OTHER PUBLIC SURFACE. AREAS SURROUNDING THE PROJECT ARE RESIDENTIAL.

3. **SOILS**

THE SOIL WITHIN THE PROJECT SITE ARE A MIXTURES OF REDDICK CLAY LOAM AND ADRES SILT LOAM. EXCAVATION OUTSIDE OF PAVED AREAS WILL BE BACKFILLED WITH NATIVE SOILS.

4. **STANDARD SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES**

SOIL EROSION AND SEDIMENT CONTROL PRACTICES FOR THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAILS AS PROVIDED IN THE PLANS. ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO STARTING EACH PHASE OF CONSTRUCTION. AFTER AWARD OF THE CONTRACT, THE CONTRACTOR FOR THE PROJECT SHALL SIGN THIS PLAN ACKNOWLEDGING RESPONSIBILITY FOR THE IMPLEMENTATION OF ON-GOING MAINTENANCE OF THIS PLAN. THE EROSION CONTROL PRACTICES SHALL BE INSPECTED AT LEAST WEEKLY, AND AFTER ANY RAINFALL GREATER THAN 0.5". ANY VISIBLE DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED. ANY EXISTING SUBSURFACE DRAINAGE SYSTEMS OR FIELD TILES THAT ARE DISTURBED DURING THE CONSTRUCTION SHALL BE RESTORED. TOPSOIL SHALL BE STRIPPED AT THE TIME OF EXCAVATION AND REPLACED DURING THE BACKFILL OPERATION. ANY DUST OR MUD FROM THIS PROJECT TRACKED ONTO PUBLIC STREETS SHALL BE CLEANED UP AT THE END OF EACH WORKING DAY.

5. **PERMANENT STABILIZATION PLANS**

SEED AND EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL DISTURBED AREAS IN ACCORDANCE WITH THE RESTORATION PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL VEGETATION AND SEEDED AREAS FOR A PERIOD OF ONE-YEAR AFTER COMPLETION OF THE PROJECT.

6. **MAINTENANCE OF EROSION CONTROL PRACTICES**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL PRACTICES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL DESIGNATE A CONTACT PERSON FOR MAINTENANCE FOR ENSURING ALL VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN ARE KEPT IN GOOD AND EFFECTIVE OPERATING CONDITIONS.

THE PROCEDURES SET FORTH IN THE ILLINOIS URBAN MANUAL SHALL BE FOLLOWED WHERE APPLICABLE. IF NOT, APPLICABLE PROCEDURES SHALL BE FOLLOWED IN ACCORDANCE WITH MANUFACTURERS STANDARDS.

**CONSTRUCTION SEQUENCE**

1. INSTALL EROSION CONTROL MEASURES
2. INSTALL STORM SEWER/CULVERTS
3. CONSTRUCTION OF PEDESTRIAN BRIDGE AND MULTI-USE TRAIL
4. RESTORATION

**INSPECTIONS**

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE, WHICH HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER (OR EQUIVALENT SNOWFALL).

- A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE IMPROVEMENT PLANS SHALL BE OBSERVED TO ENSURE THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.
- B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE PROJECT DESCRIPTION AND POLLUTION PREVENTION MEASURES IDENTIFIED UNDER EROSION AND SEDIMENT CONTROLS SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, DATE(S) OF THE INSPECTION(S), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN AND ACTIONS TAKEN IN ACCORDANCE WITH THE ABOVE SECTION B SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.
- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE INSPECTOR SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF THE NONCOMPLIANCE, ACTIONS TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF WATER POLLUTION CONTROL  
ATTN: COMPLIANCE ASSURANCE SECTION  
1021 NORTH GRAND EAST  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276

(WITH COPIES SENT TO THE OWNER AND ENGINEER)

**DESCRIPTION OF STORMWATER MANAGEMENT CONTROLS**

1. INSTALL PERIMETER EROSION BARRIER AS INDICATED ON THE LANDSCAPING AND EROSION CONTROL PLAN.
2. AFTER CONSTRUCTION OF THE PROPOSED STORM SEWERS AND CULVERTS, PLACE INLET FILTERS PER THE DETAIL ON THE PLANS OR APPROVED EQUAL IN ALL STORM STRUCTURES ACCEPTING SURFACE FLOW OUTSIDE OF PAVED AREAS.
3. INSTALL PERMANENT EROSION CONTROL MEASURES SEED AND BLANKET AS SHOWN ON THE LANDSCAPING AND EROSION CONTROL PLAN.

**STABILIZATION PRACTICES**

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR THAT WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION IS INDICATED. EACH SUCH CONTRACTOR SHALL SIGN THE REQUIRED CERTIFICATION ON FORMS WHICH ARE PART OF THIS PLAN.

1. INSTALL ONSITE SEDIMENT CONTROL MEASURES AS SHOWN ON THE IMPROVEMENT PLANS PRIOR TO INITIATING CONSTRUCTION.
2. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.
3. TEMPORARY SEED MIXTURE SHALL BE APPLIED AT 100 LBS/ ACRE OR 150 LBS/ ACRE DEPENDING ON THE SEED MIXTURE USED.
4. TOPSOIL STOCKPILES SHALL BE SEEDED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA. ALL SOIL STORAGE PILES SHALL BE PROTECTED FROM EROSION WITH SILT FENCE ON THE DOWNSLOPE SIDE OF THE PILES.
5. WATER PUMPED DURING CONSTRUCTION OPERATION SHALL BE FILTERED.
6. DUST CONTROL SHALL BE PERFORMED ON A DAILY BASIS USING WATER DISPERSED FROM TRUCK MOUNTED TANK WITH STANDARD DISCHARGE HEADER TO PROVIDE A UNIFORM RATE OF APPLICATION.
7. PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. ANY SEDIMENT REACHING A PUBLIC ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING DAY.
8. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE.
9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE MUNICIPALITY AS CONSTRUCTION PROGRESSES.
10. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF WITHIN 30 DAYS OF FINAL STABILIZATION.
11. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE IN ACCORDANCE WITH IDOT AND THE VILLAGE OF MINOOKA ORDINANCES.
12. SPECIFIC EROSION CONTROLS ARE SHOWN ON THE LANDSCAPING AND EROSION CONTROL PLAN IN THIS SET.

**NON-STORMWATER DISCHARGES**

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT IS COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE.

- WATERMAIN FLUSHING
- FIRE HYDRANT FLUSHING
- GROUNDWATER (TRENCH DE-WATERING WATER)
- WATERING FOR DUST CONTROL
- DRAINAGE FOR VEGETATIVE GROWTH

**APPROVED STATE OR LOCAL PLANS**

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, LATEST EDITION. REQUIREMENTS SPECIFIED IN THE SWPPP, OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE TO BE AUTHORIZED TO DISCHARGE UNDER PERMITS ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

**EROSION CONTROL NOTES**

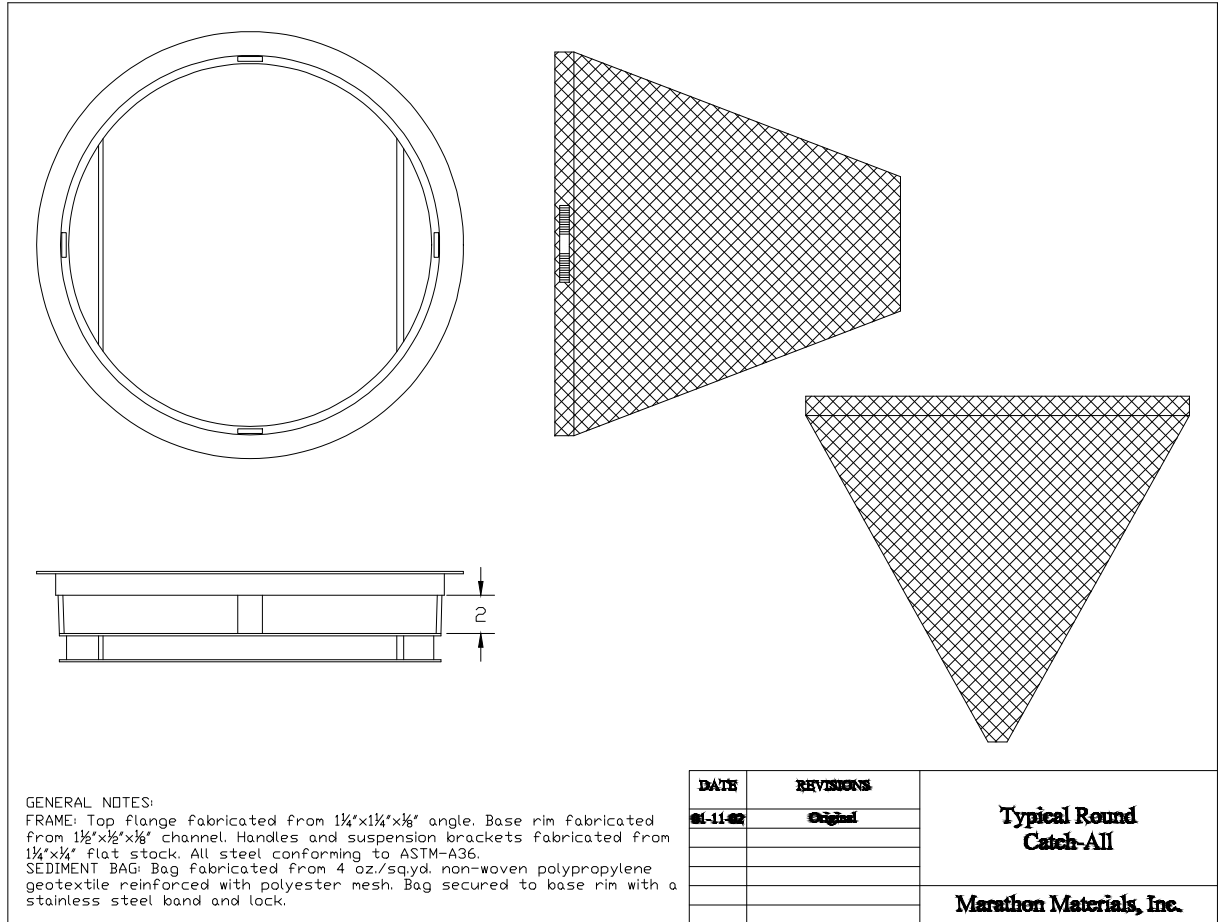
THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED CONSTRUCTION MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.

ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.

ANY OBSERVED DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR.

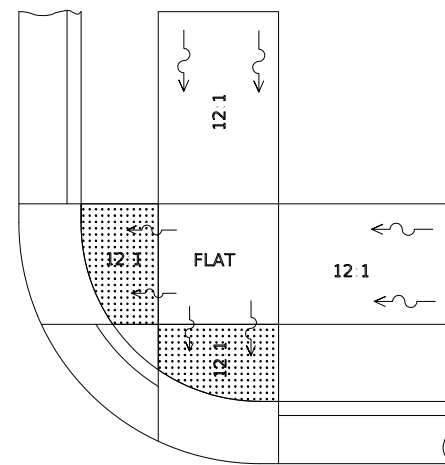
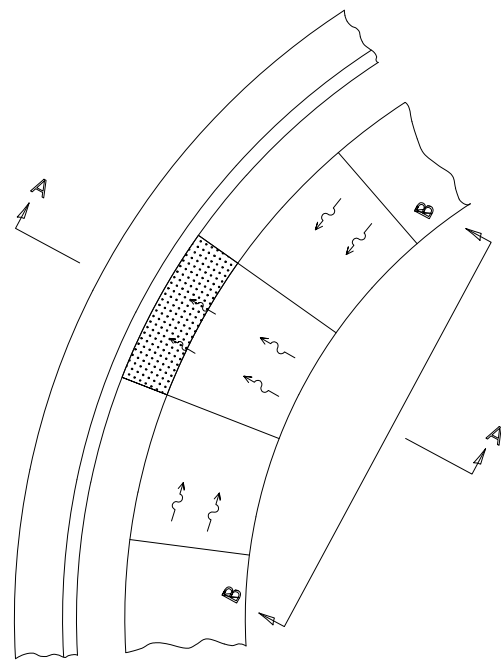
ANY DUST OR MUD TRACKED ONTO STREETS SHALL BE CLEANED AT THE END OF EACH WORKING DAY.

STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.



**VILLAGE OF MINOOKA**

FILE NAME = 19R050-02-SWPPP-01 - P01	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.U. 0393 (MCEVILLY ROAD) STORM WATER POLLUTION PREVENTION PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -- WD	REVISED --			393	21-00058-00 BT	WILL	68	18	
	PLOT SCALE =	DRAWN -- KWM	REVISED --			CONTRACT NO. 87840					
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)					
				SCALE: NONE	SHEET NO. 18 OF 68 SHEETS	STA.	TO STA.				



SEE STANDARD 424001 FOR SIDE FLARE  
DETAIL & SEE PLANS FOR RAMP TYPE

**NOTES**

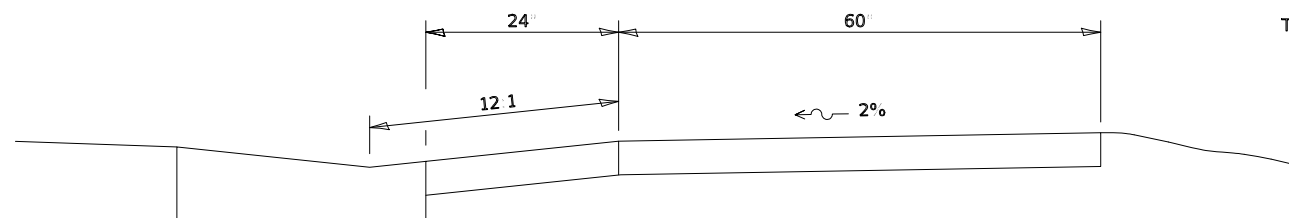
THIS DETAIL TO BE USED IN CONJUNCTION WITH STATE STANDARD 424001

THE MAXIMUM ALLOWABLE CROSS SLOPE FOR SIDEWALK IS 2%.

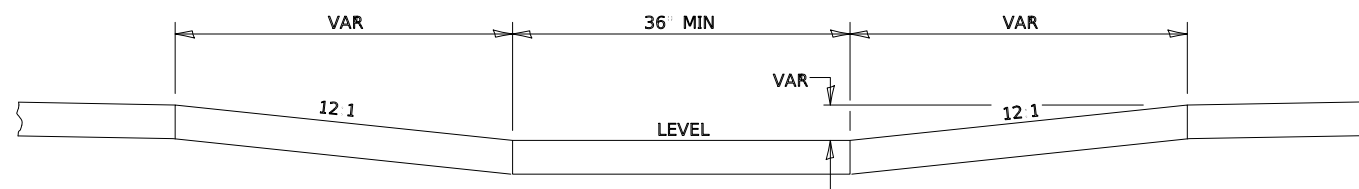
THE MAXIMUM ALLOWABLE SIDEWALK GRADE IS 8%.

IF SPACE LIMITATIONS PROHIBIT THE USE OF THE 12:1 SLOPE, THEN SLOPES BETWEEN 10:1 AND 12:1 ARE PERMITTED FOR A MAXIMUM RISE OF 6". SLOPES 8:1 AND 10:1 ARE ALLOWED FOR A MAXIMUM RISE OF 3". SLOPES STEEPER THAN 8:1 ARE NOT PERMITTED.

THE DEPRESSED CURB IS NOT STANDARD THE RISE IS 1/2" INSTEAD OF 1 1/2"



**SECTION A-A**

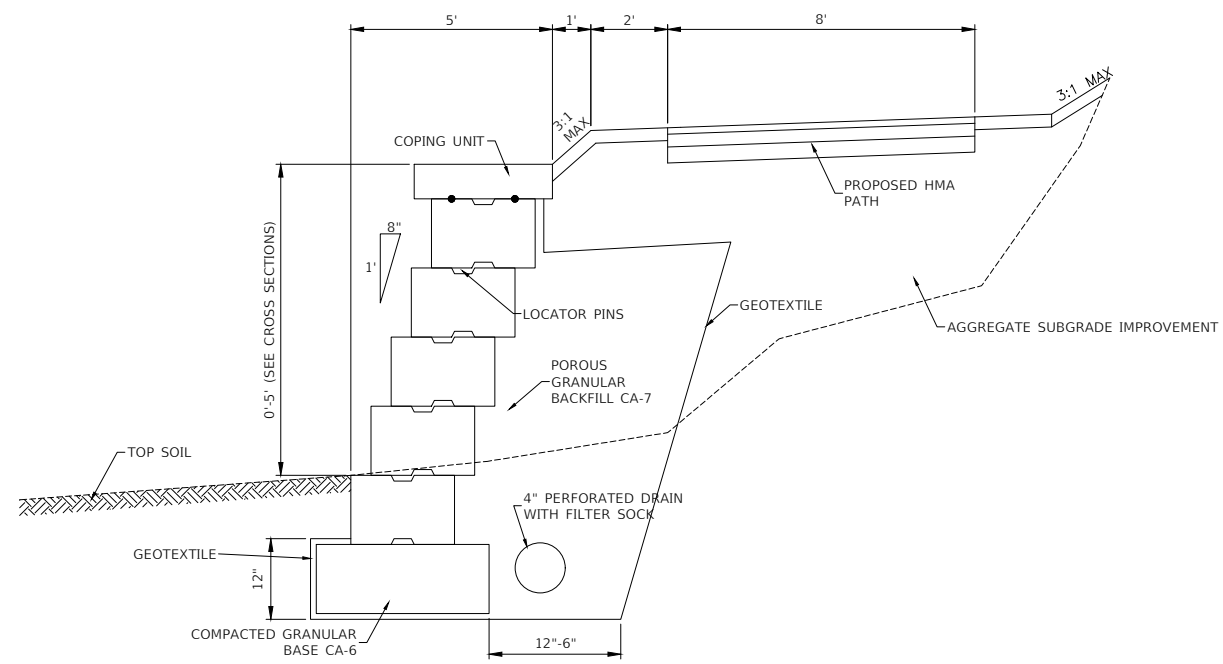


**SECTION B-B**

# ADA SIDEWALK ACCESSIBILITY RAMP DETAIL

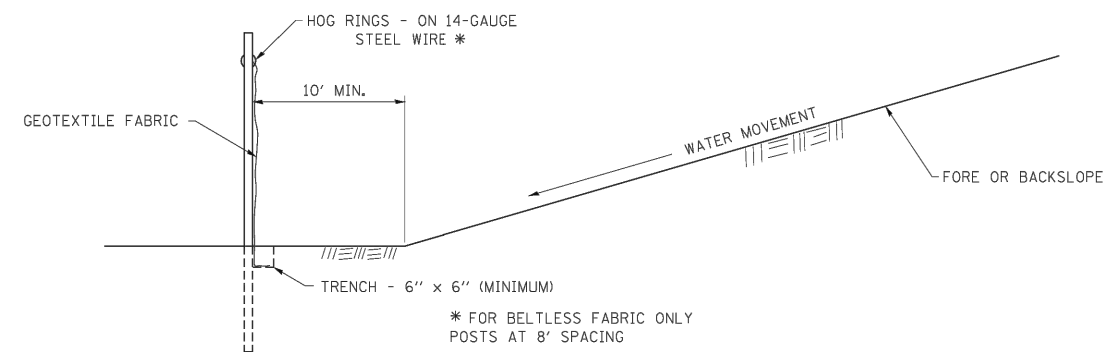
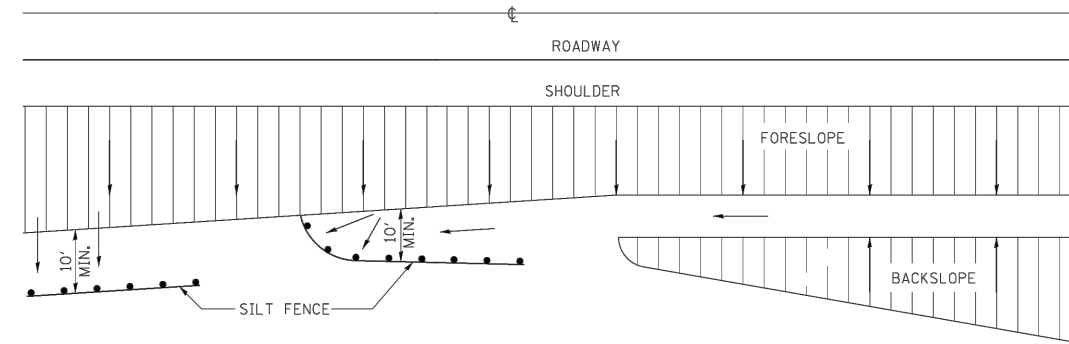
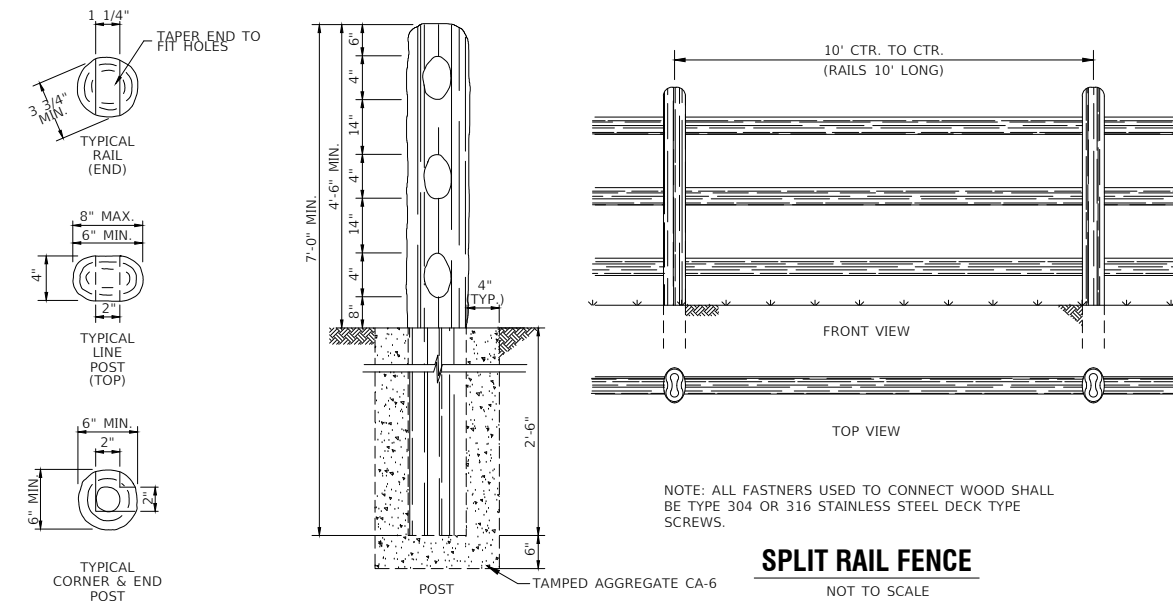
424-29

FILE NAME = 19R0550-02-DTLS-01 - BD-01 (2)	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) CONSTRUCTION DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -- WD	REVISED --			393	21-00058-00 BT	WILL	68	19	
	PLOT SCALE =	DRAWN -- MED/RG	REVISED --			CONTRACT NO. 87840					
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --			3   ILLINOIS   FED. AID PROJECT E9N8 (383)					
					SCALE: NONE	SHEET NO. 19 OF 68 SHEETS	STA.	TO STA.			



**SEGMENTAL CONCRETE BLOCK WALL**

COPING UNIT: 12"x3"x12"  
 LARGE WEDGE: 16"x6"x9"  
 STA. 15+57.22 TO STA. 17+00

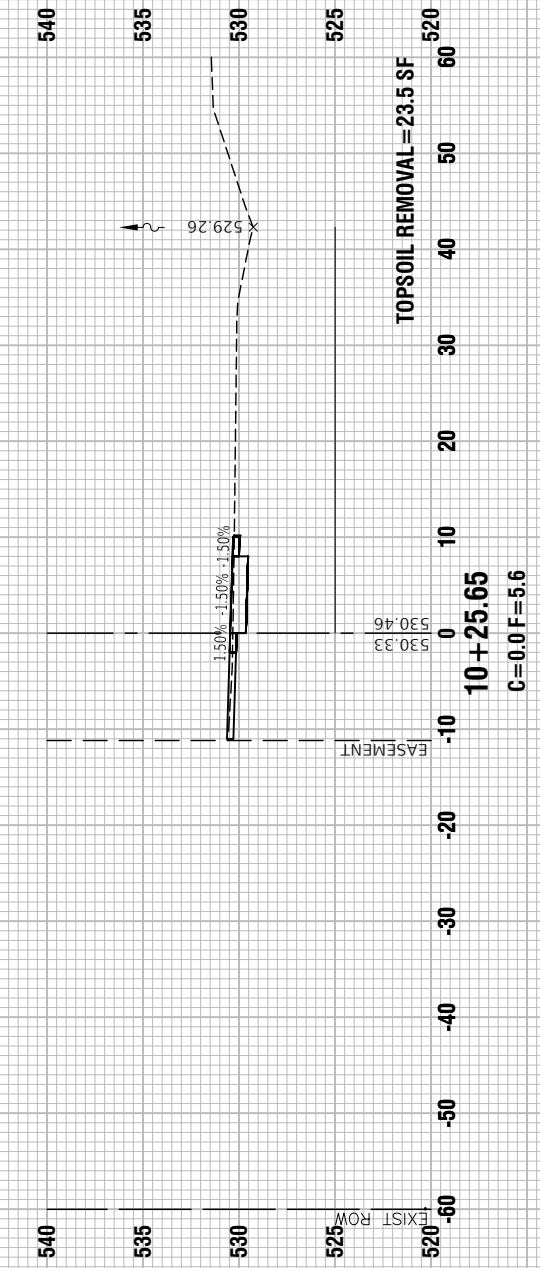
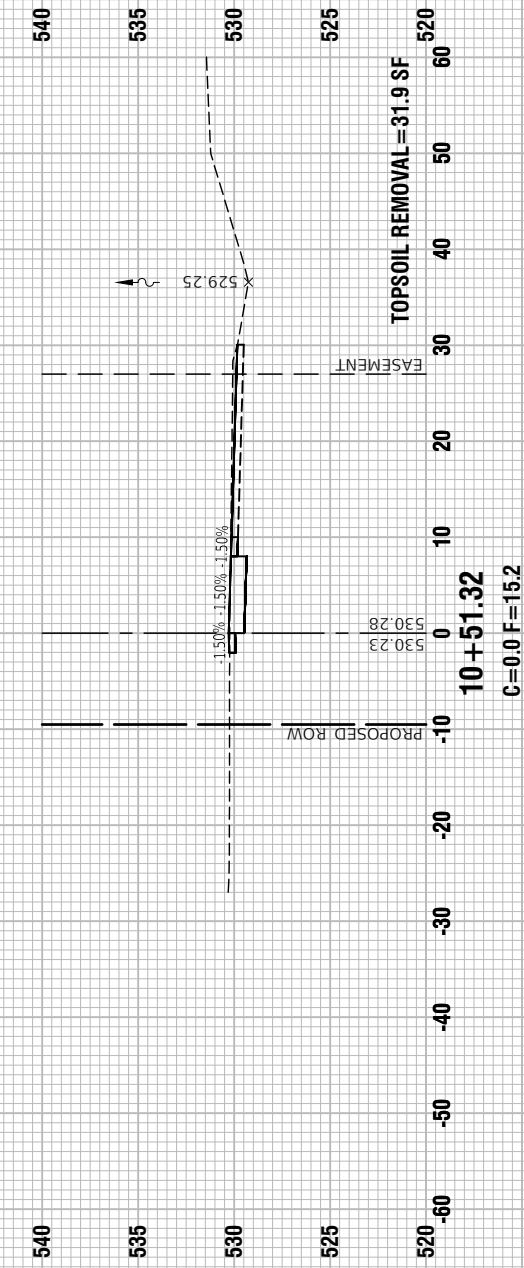
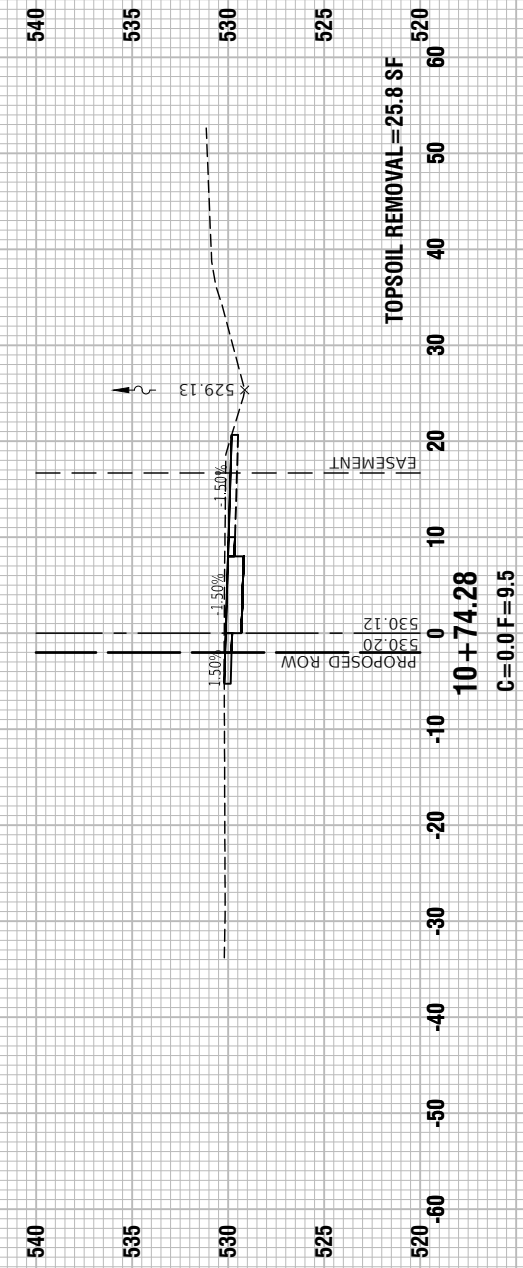
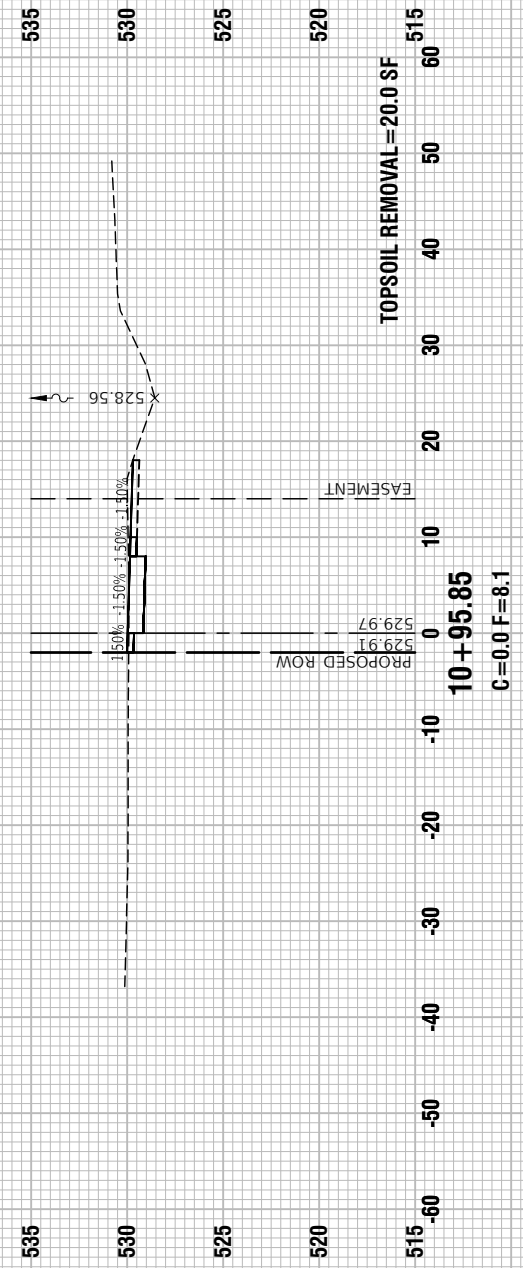
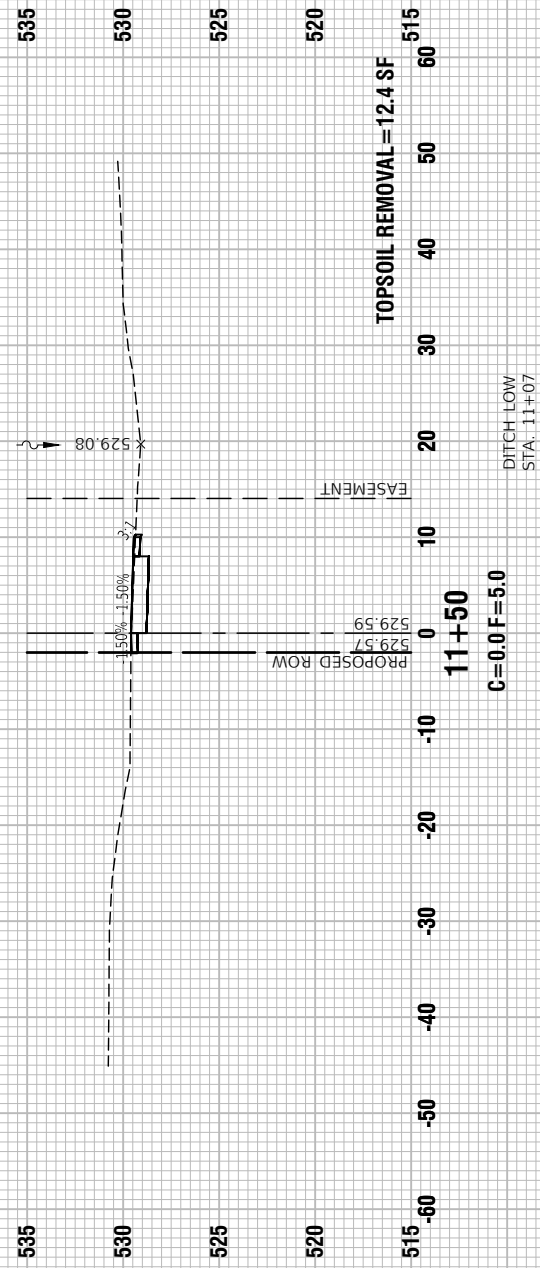


DETAILS OF SILT FENCE

**EROSION CONTROL DETAILS FOR SILT FENCE**

280-1

FILE NAME = 19R0560-02-DTLS-01 - BD-01 (6)	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) CONSTRUCTION DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- WD	REVISED --			393	21-00058-00 BT	WILL	68	20
PLOT DATE = 7-8-24	DRAWN -- MED/RG	CHECKED -- AG	REVISED --	SCALE: NONE	SHEET NO. 20 OF 68 SHEETS	STA.	TO STA.	CONTRACT NO. 87840		
								3	ILLINOIS	FED. AID PROJECT E9N8 (383)



FILE NAME = 19R0550-02-XSECT-01 - IDOT\_X(1)

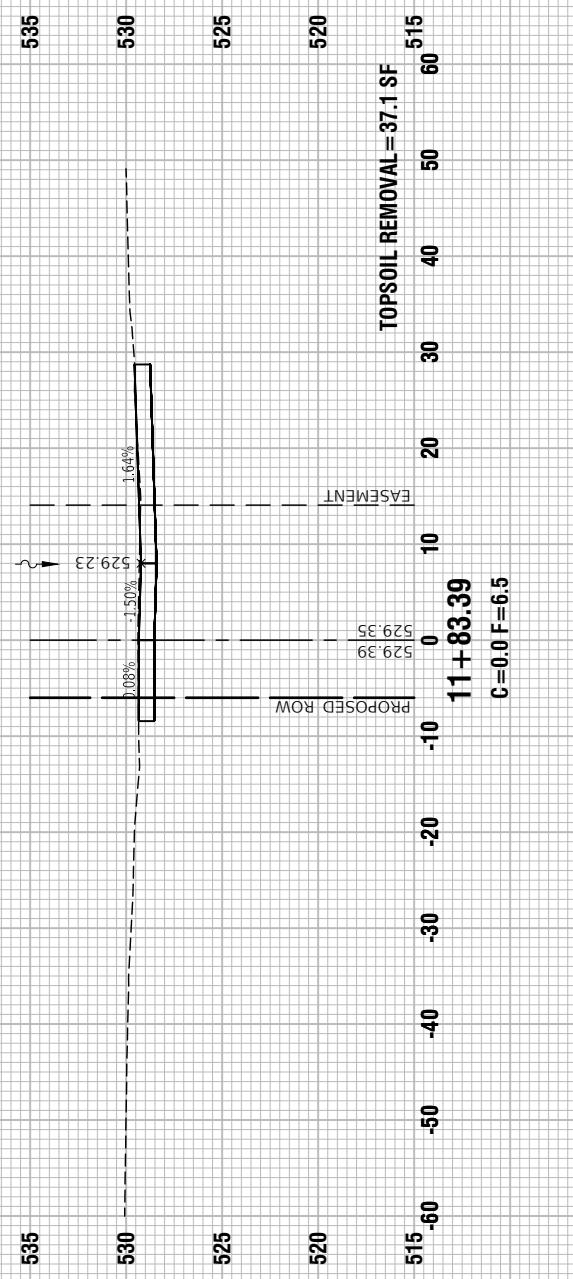
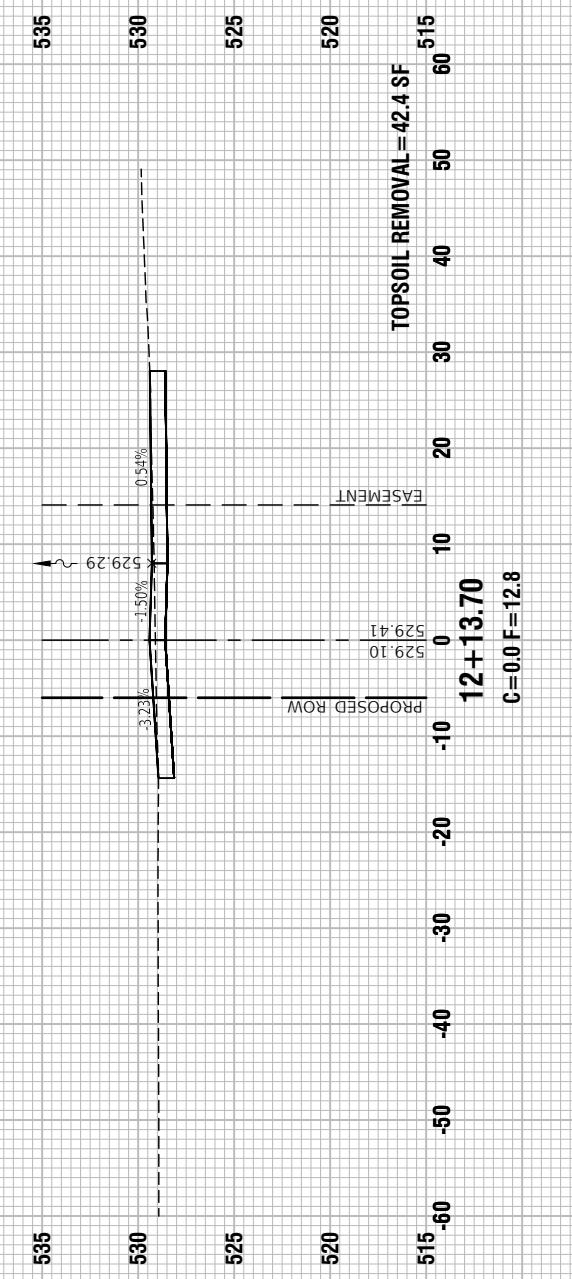
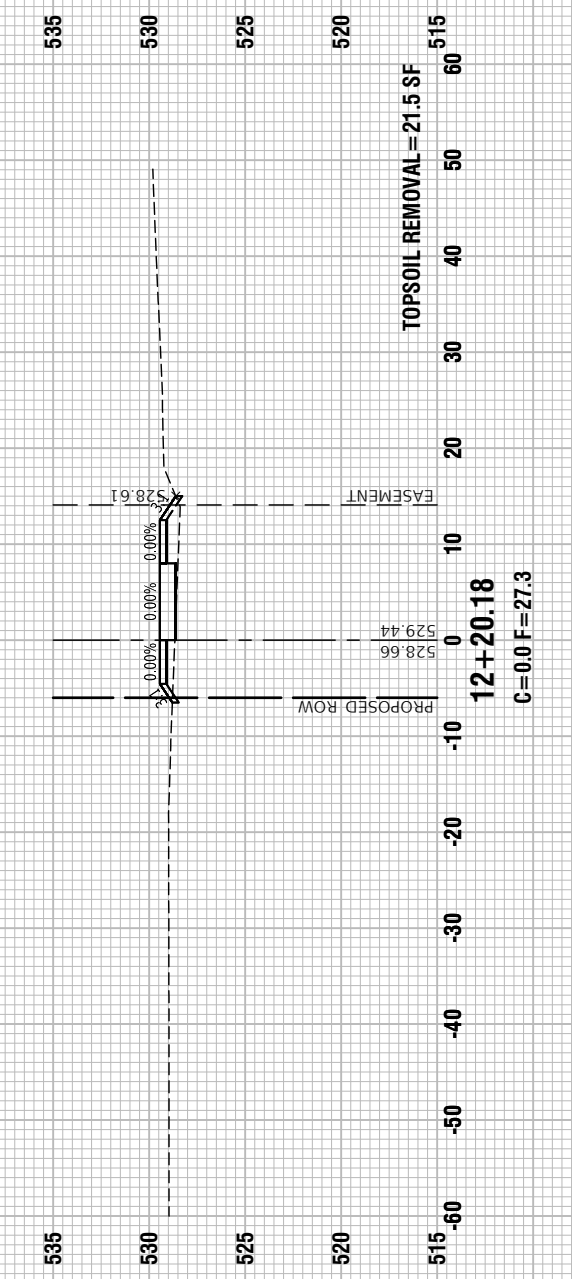
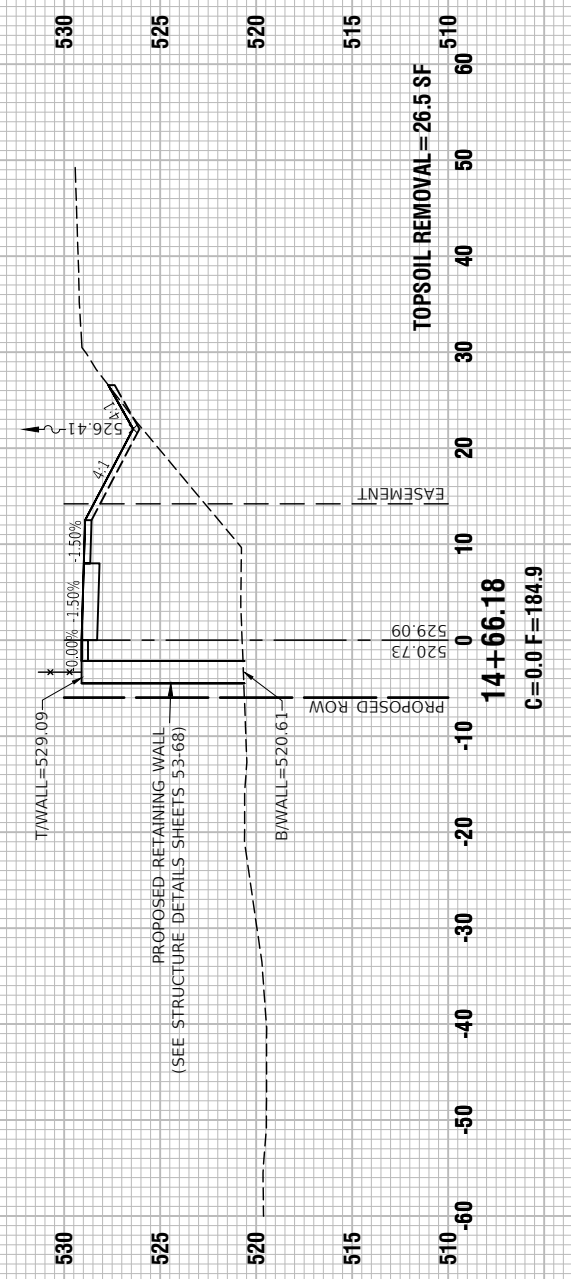
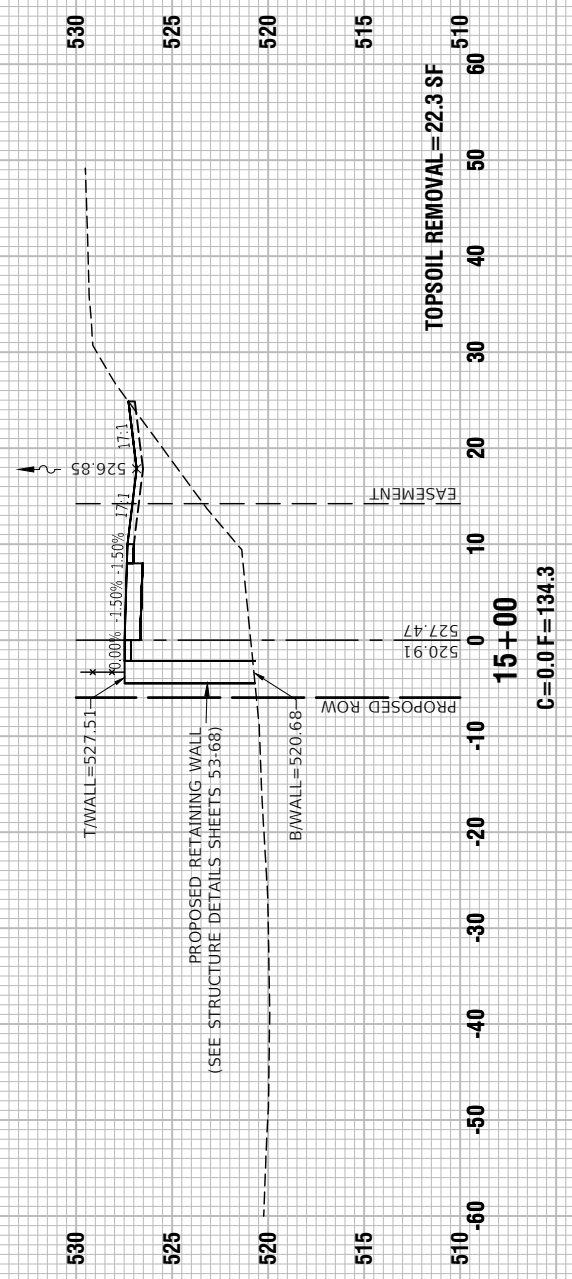
USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 21 OF 68 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	21
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	



FILE NAME = 19R0550-02-XSECT-01 - IDOT\_X(2)

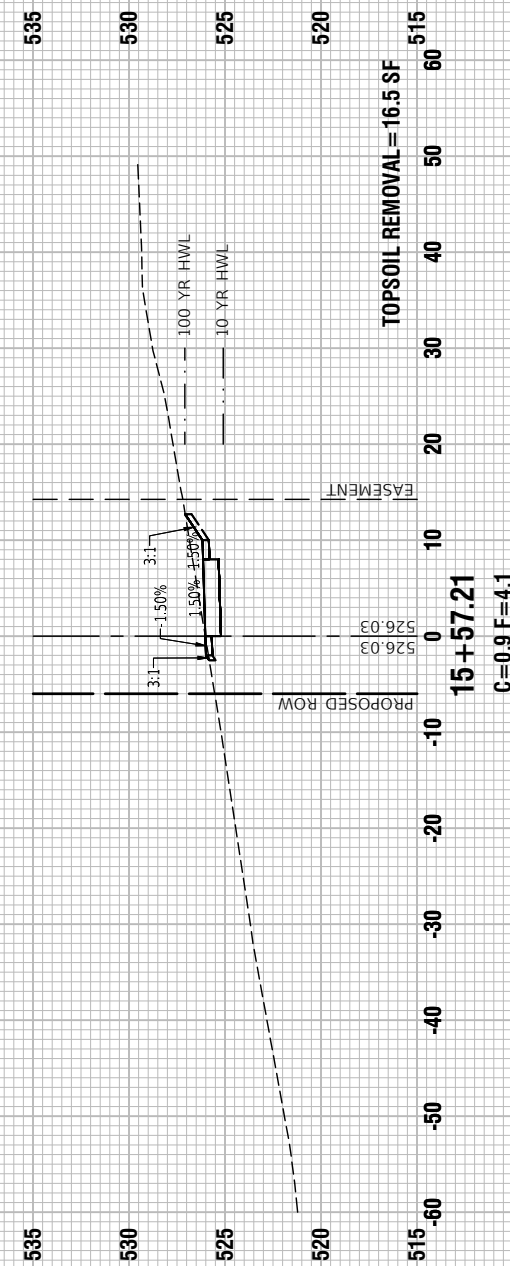
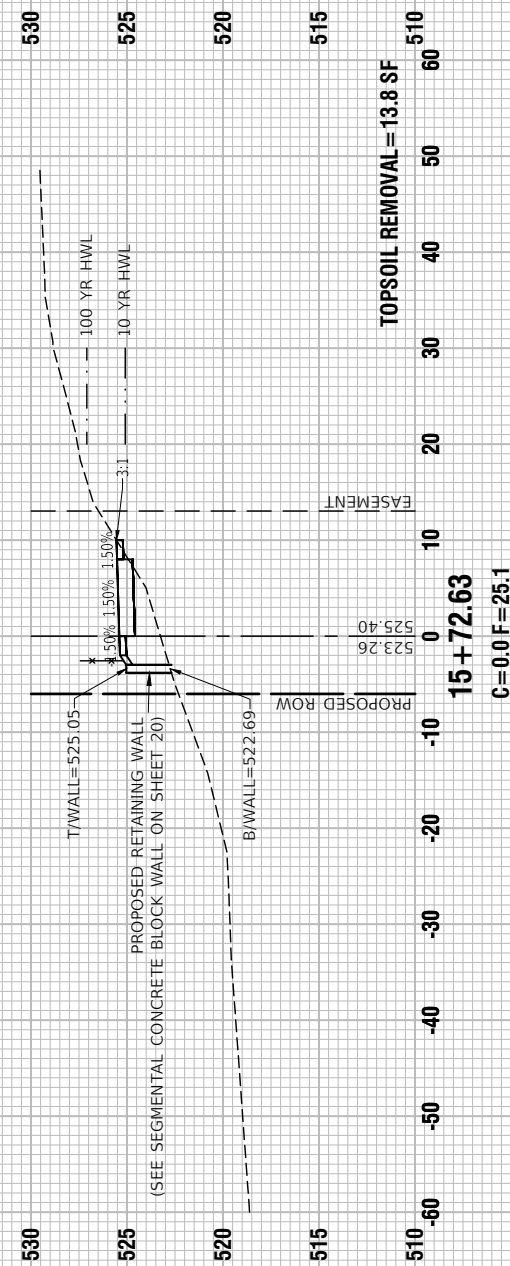
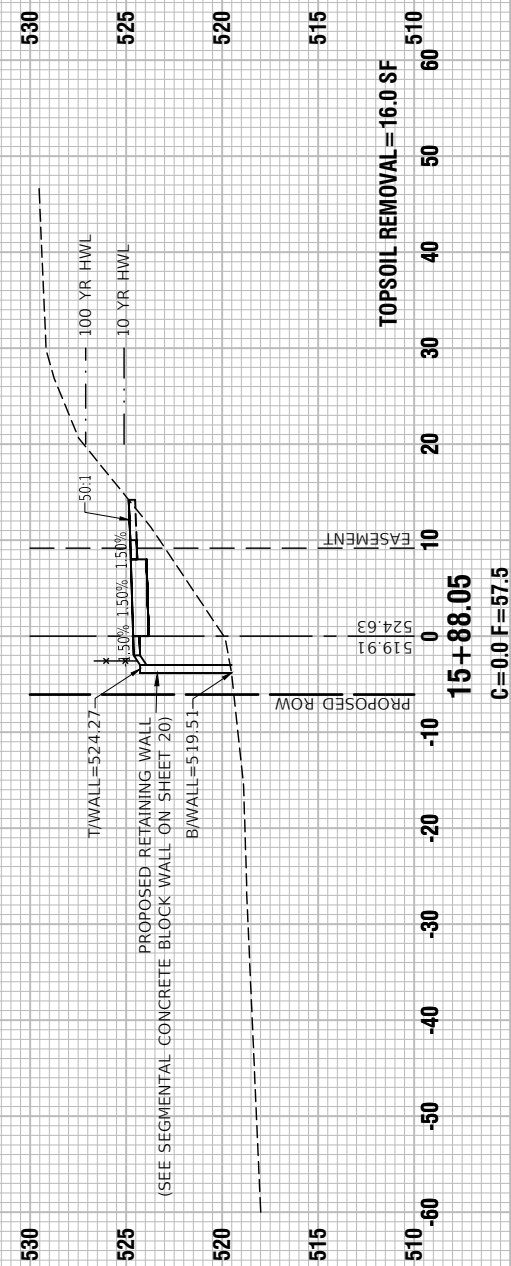
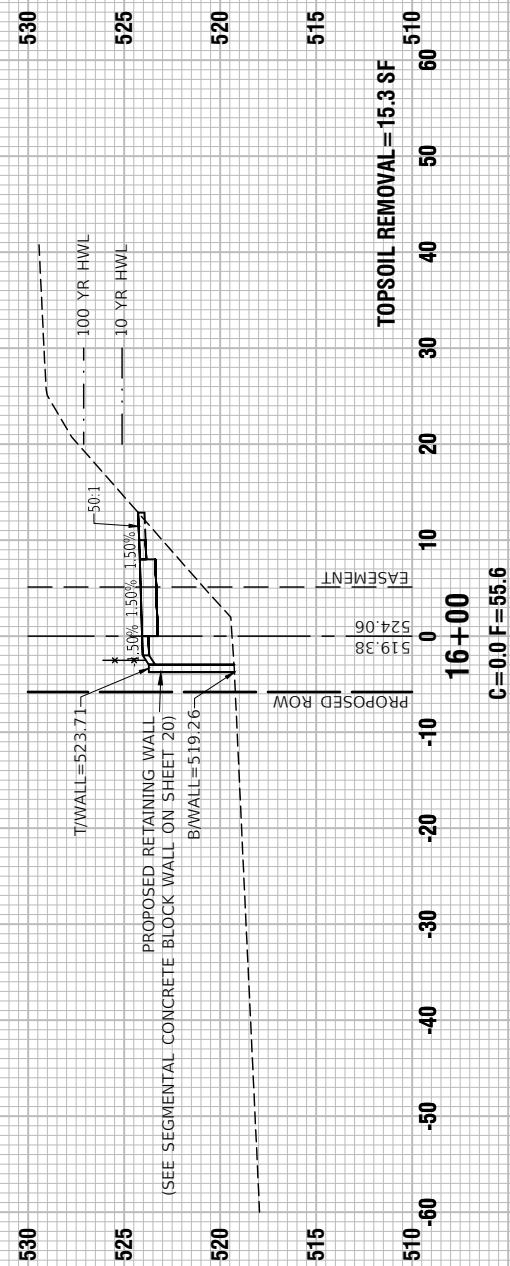
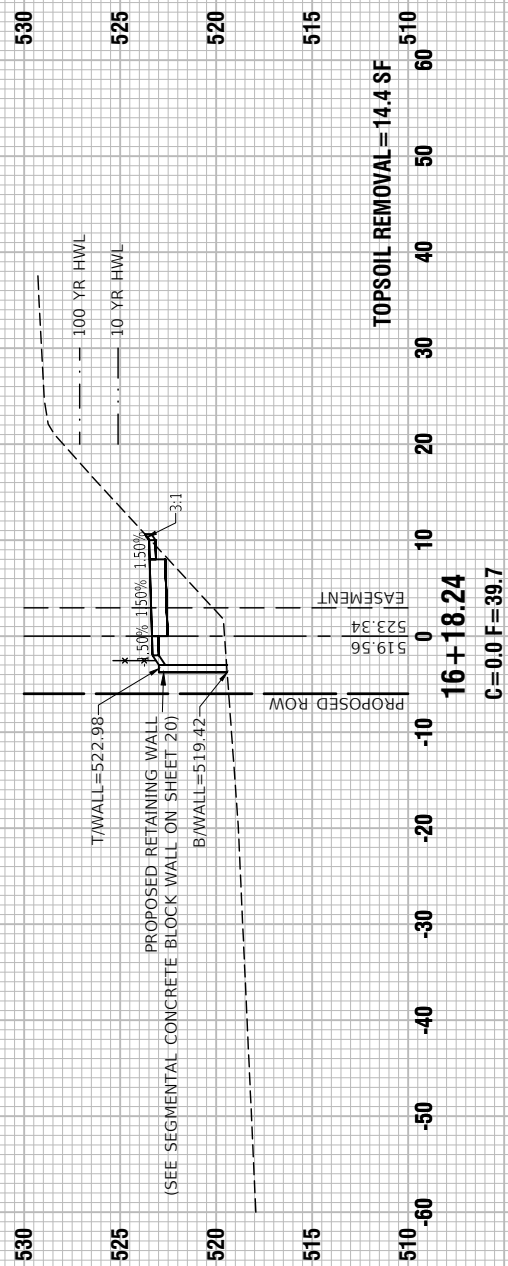
USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CROSS SECTIONS

F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 22
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				

SCALE: H 1"=5' V 1"=5' SHEET NO. 22 OF 68 SHEETS STA. TO STA.



FILE NAME = 19R0550-02-XSECT-01 -IDOT\_X(3)

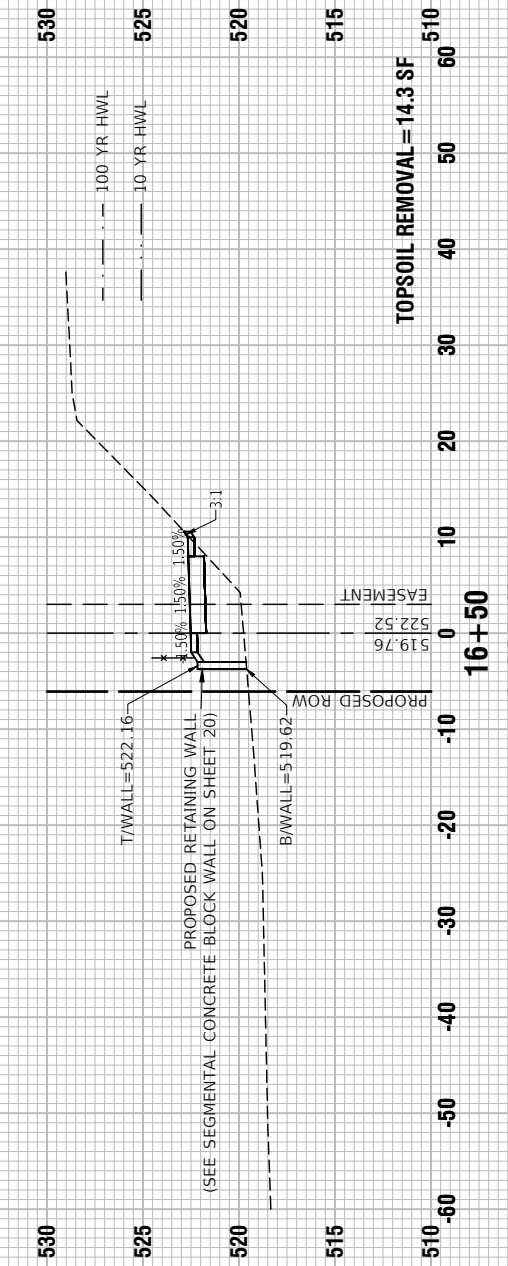
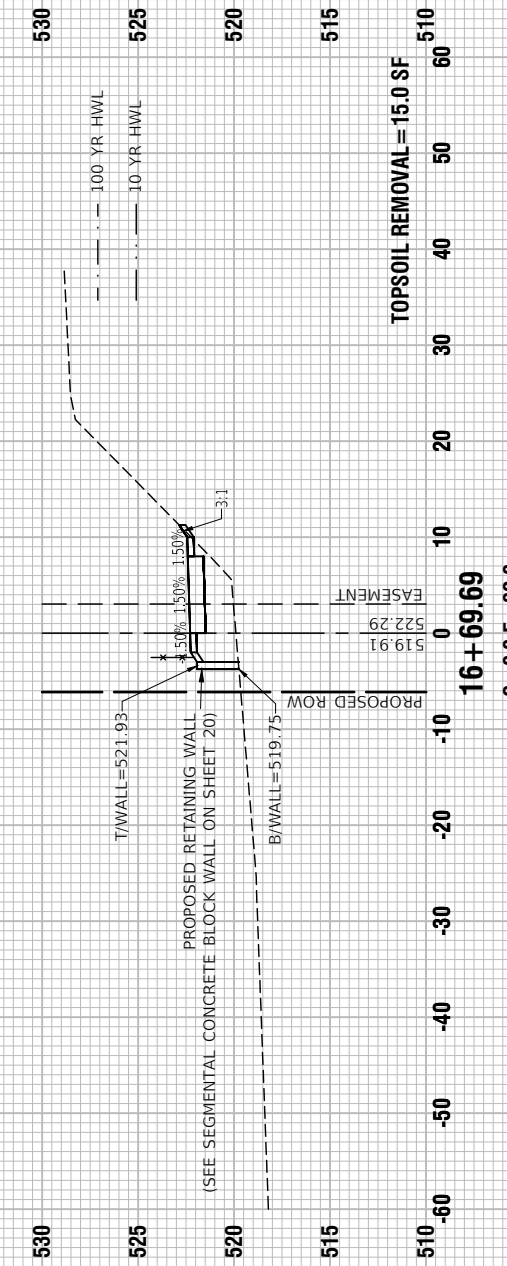
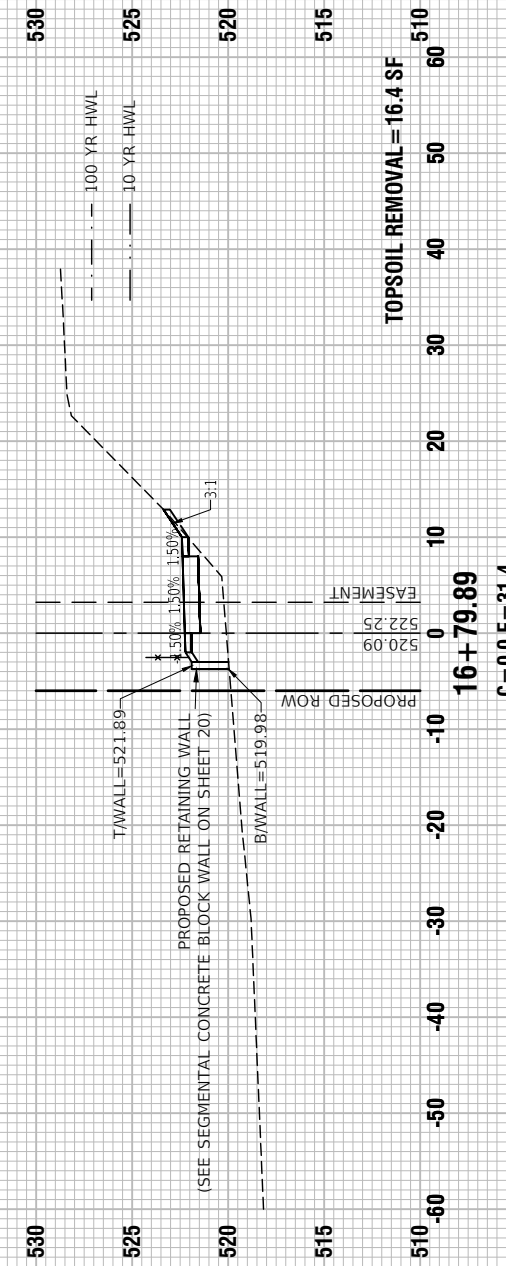
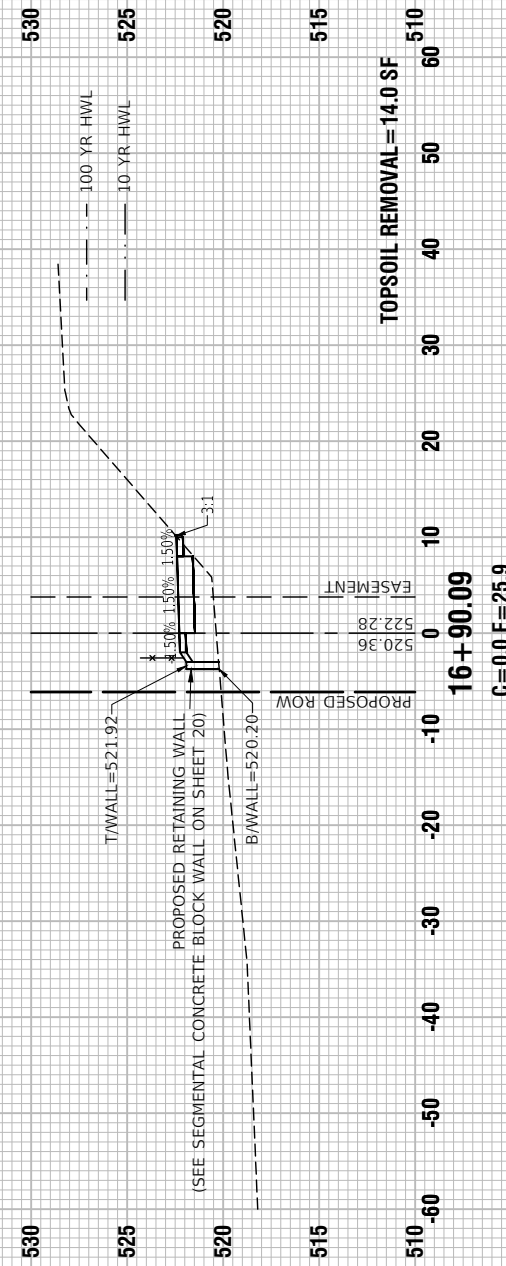
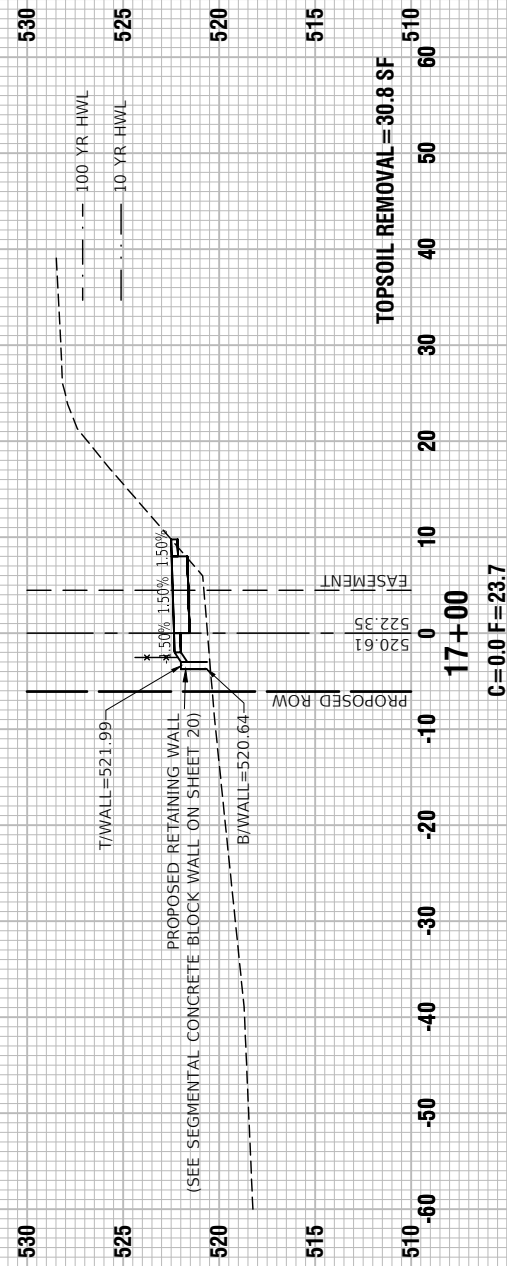
USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 23 OF 68 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	23
FED. ROAD DIST. NO. 3 ILLINOIS			FED. AID PROJECT E9N8 (383)	
			CONTRACT NO. 87840	



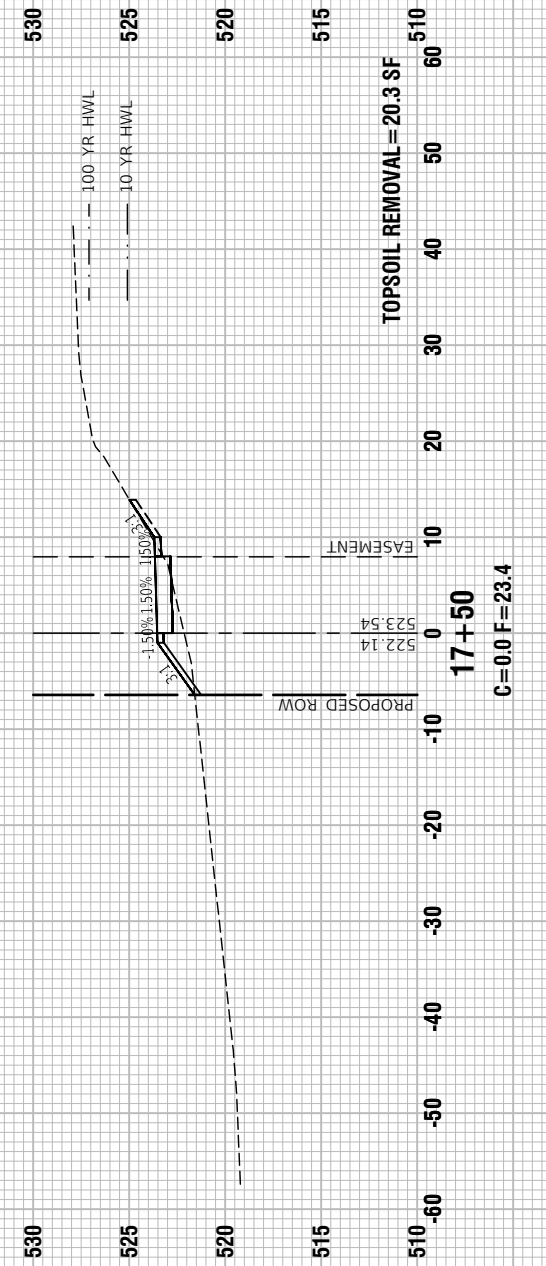
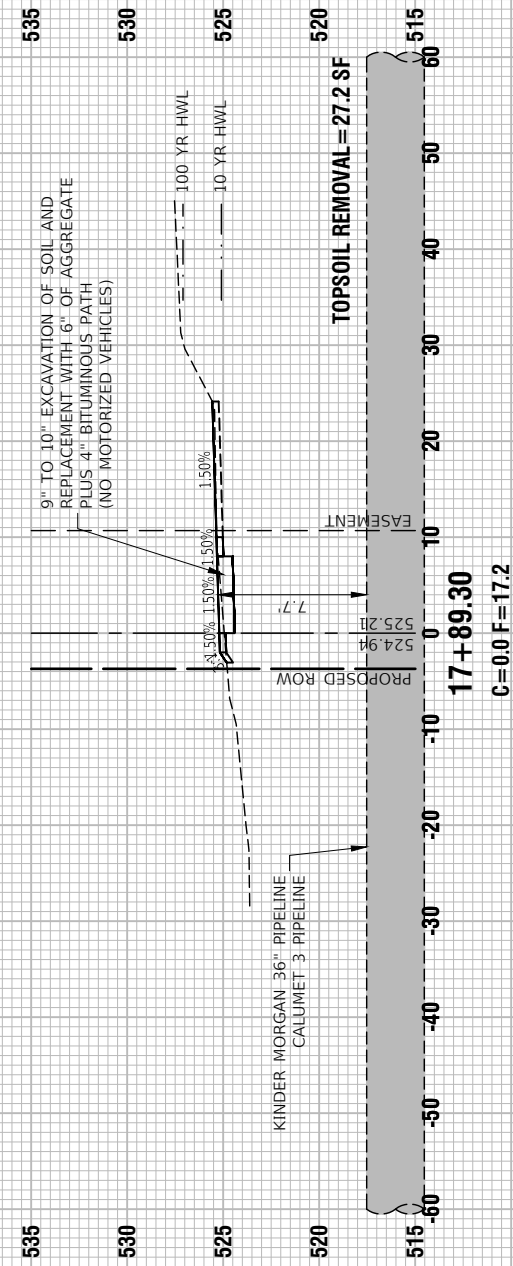
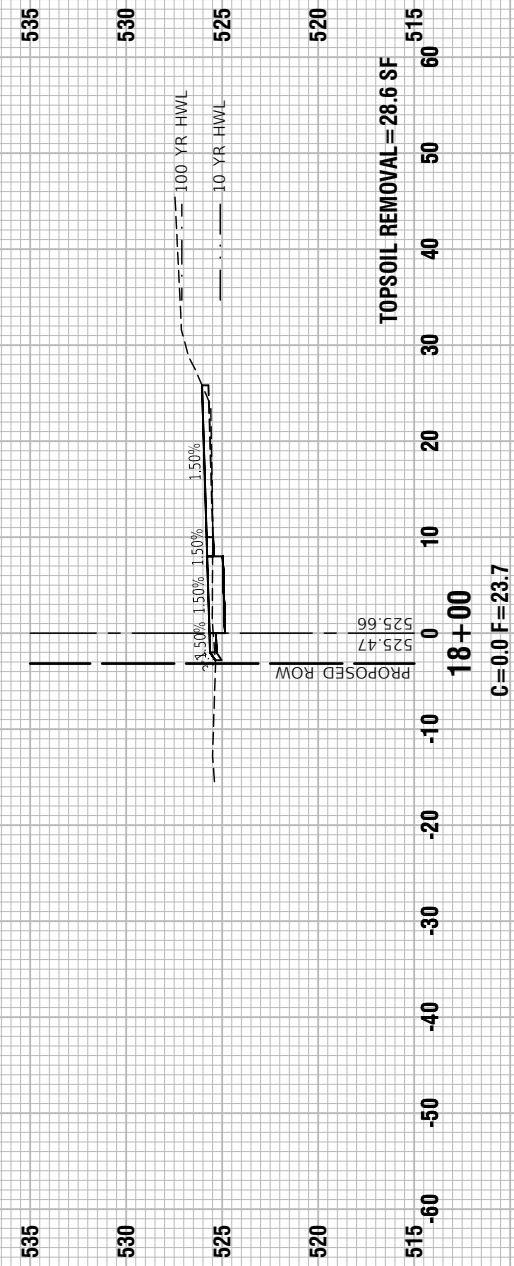
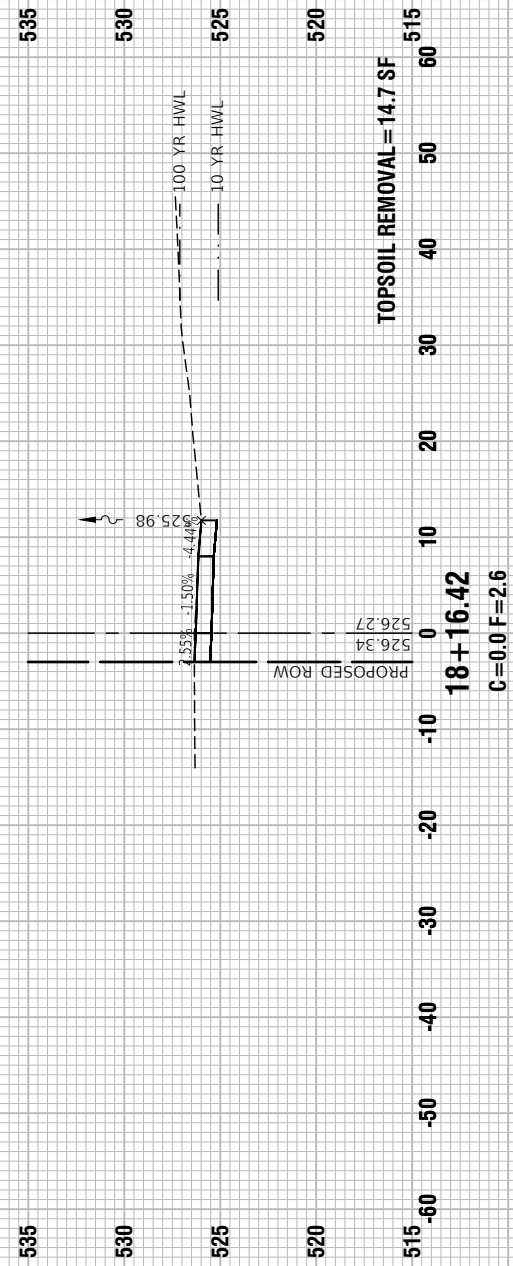
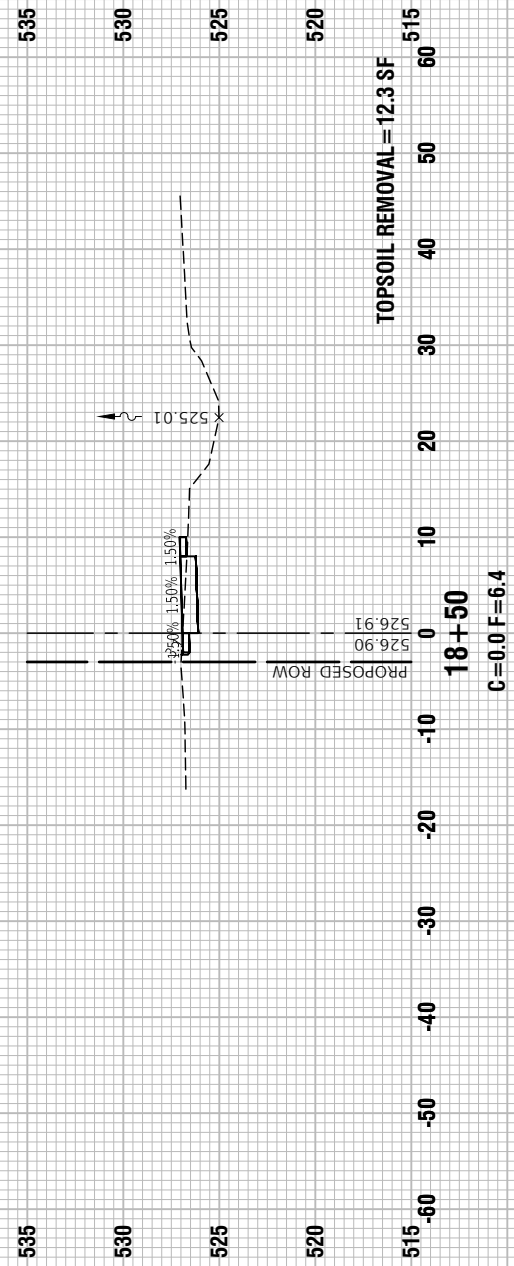
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		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) CROSS SECTIONS			
SCALE: H 1"=5' V 1"=5'	SHEET NO. 24 OF 68 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	24
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				





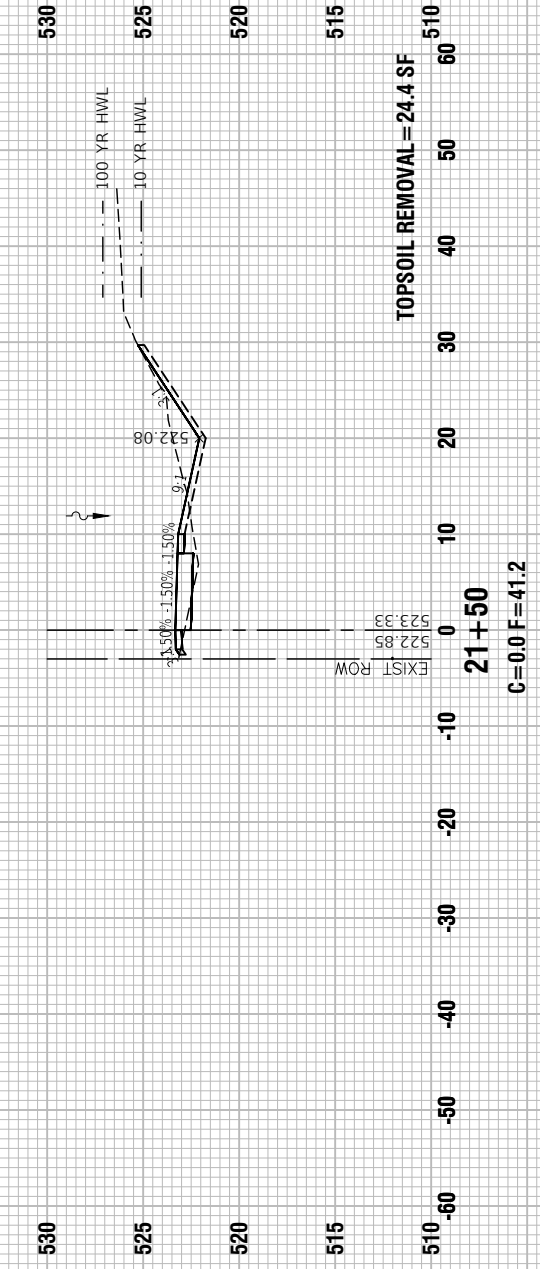
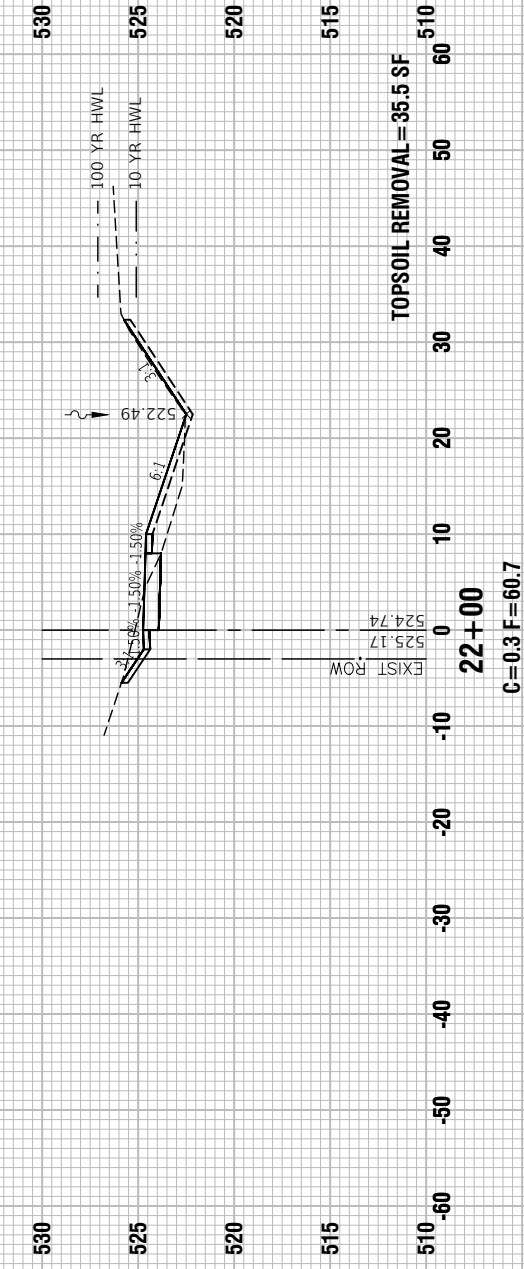
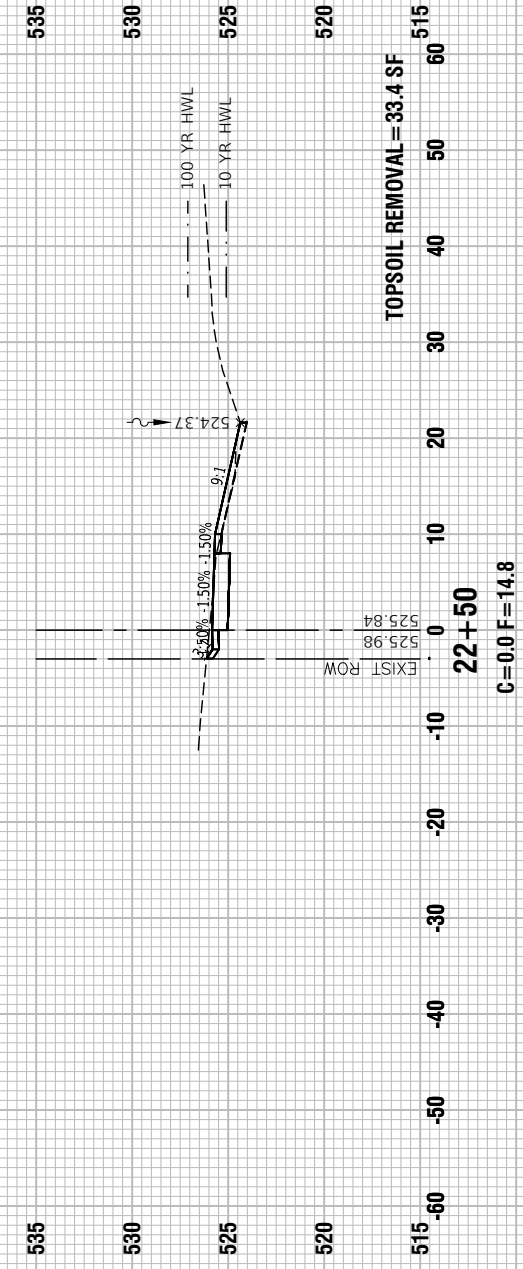
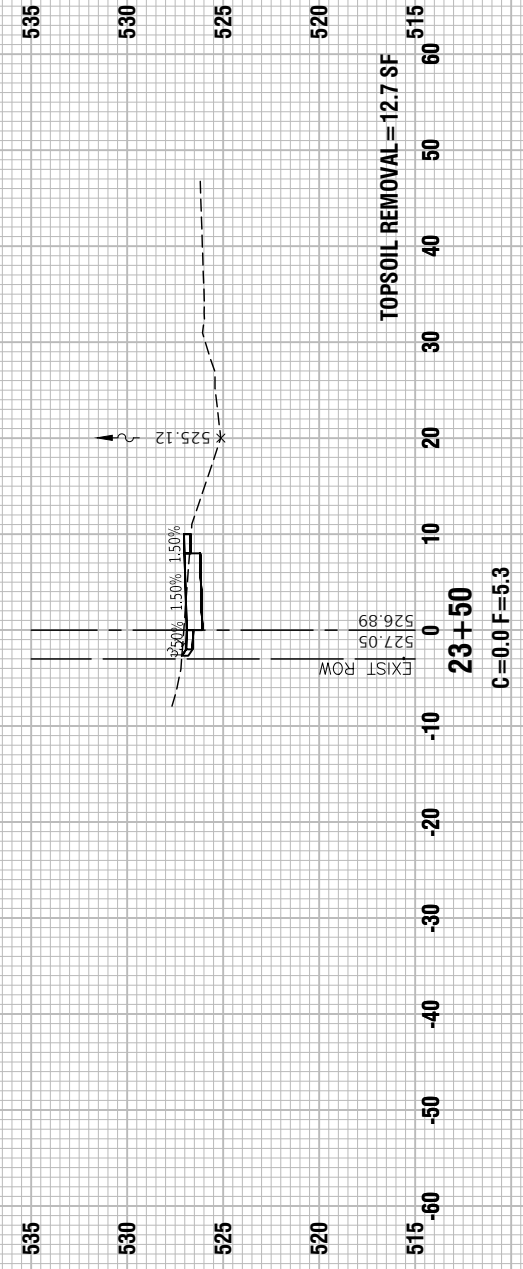
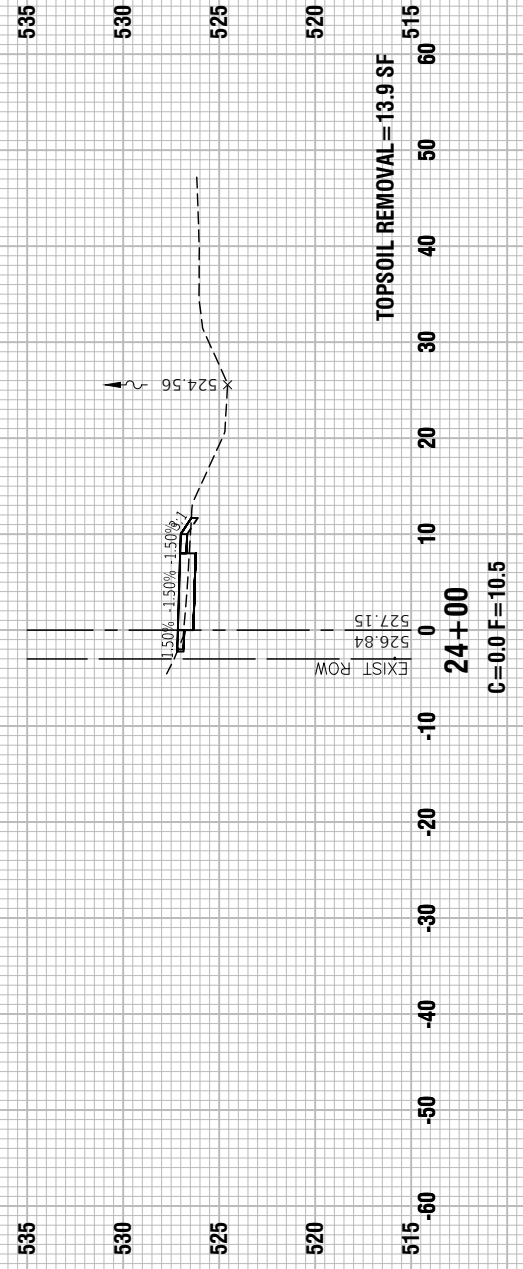
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		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) CROSS SECTIONS		F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 25
SCALE: H 1"=5' V 1"=5'		SHEET NO. 25 OF 68 SHEETS		STA.	TO STA.	
		FED. ROAD DIST. NO. 3		ILLINOIS	FED. AID PROJECT E9N8 (383)	

CONTRACT NO. 87840





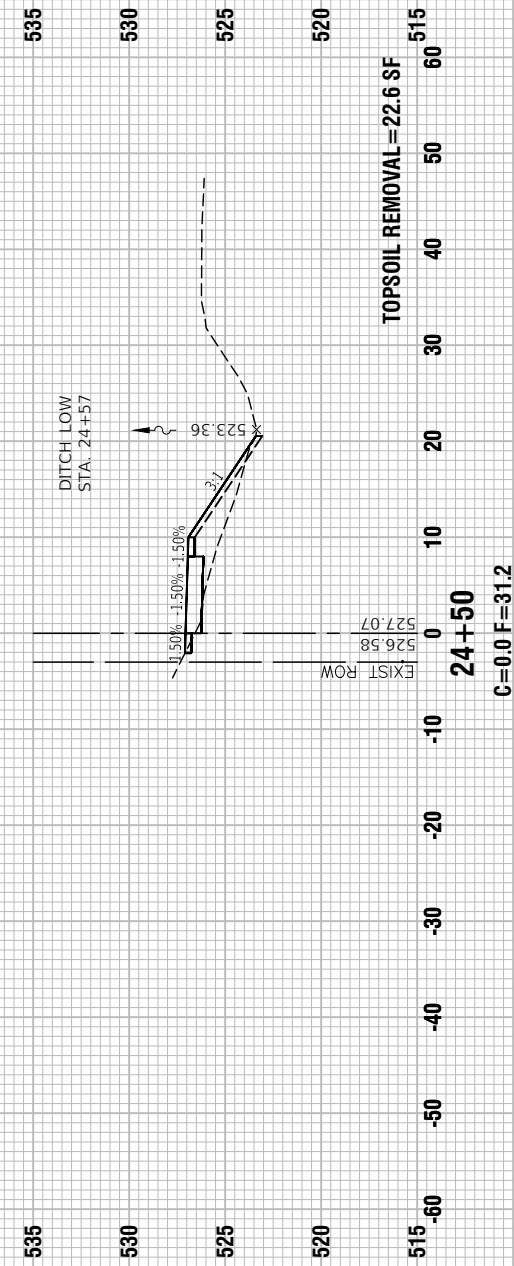
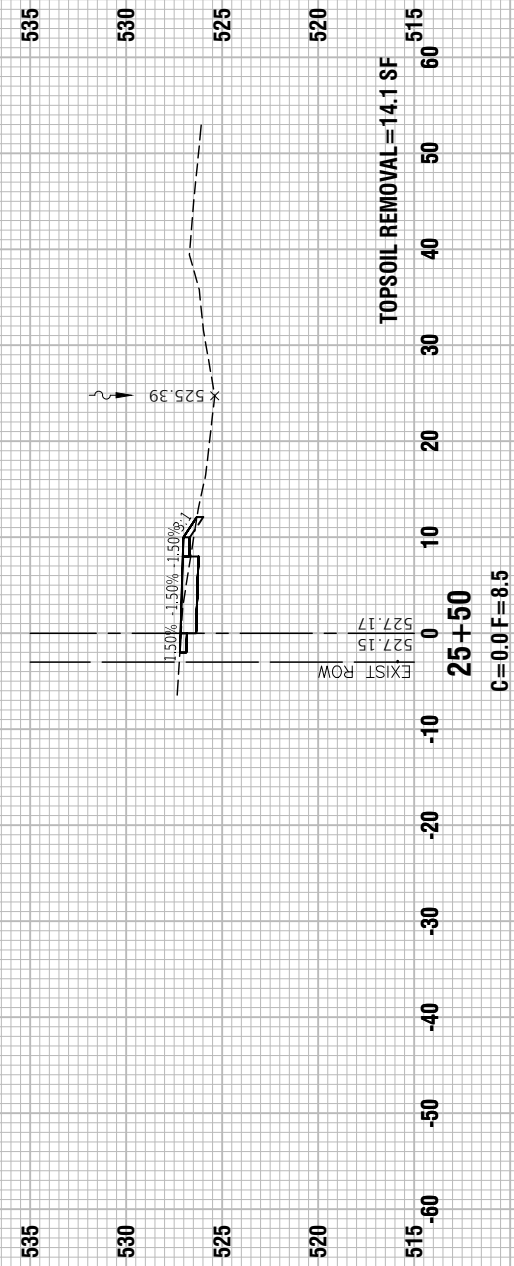
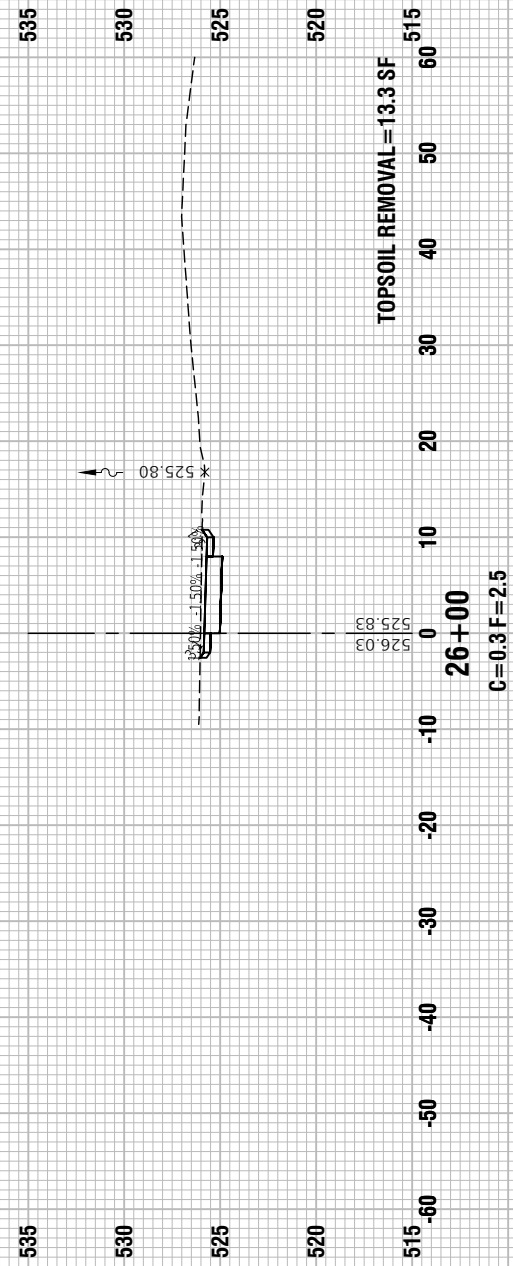
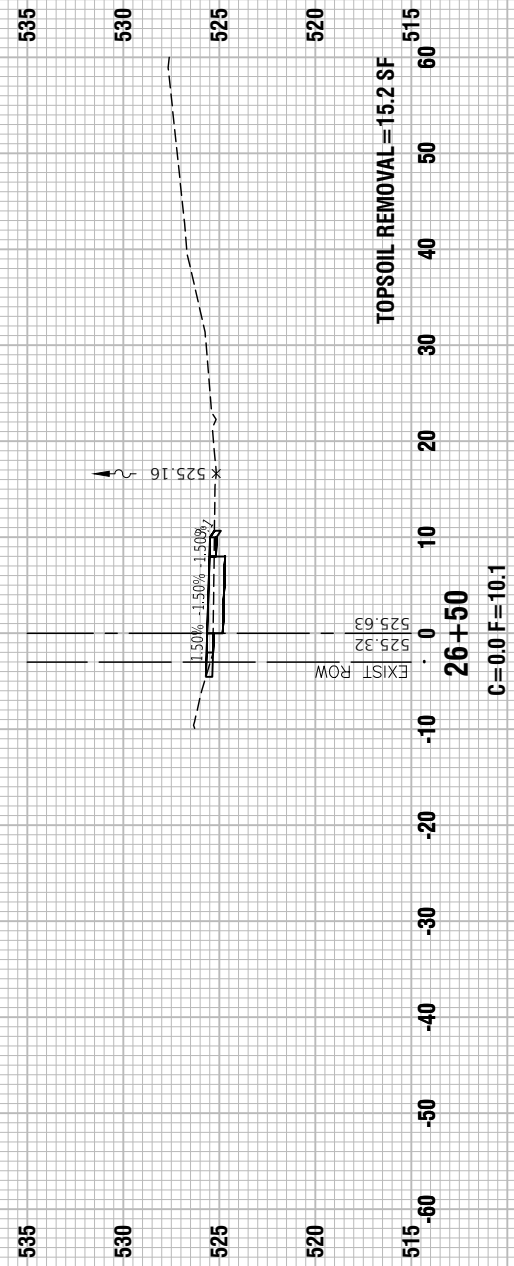
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		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 27 OF 68 SHEETS STA. TO STA.

F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 27
FED. ROAD DIST. NO. 3 ILLINOIS			FED. AID PROJECT E9N8 (383)	

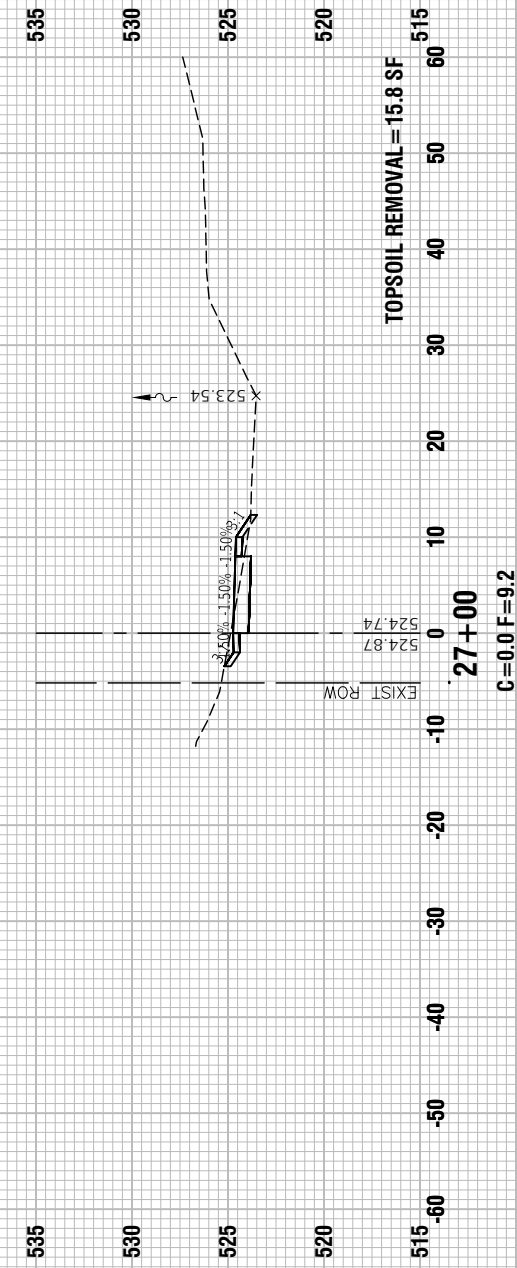
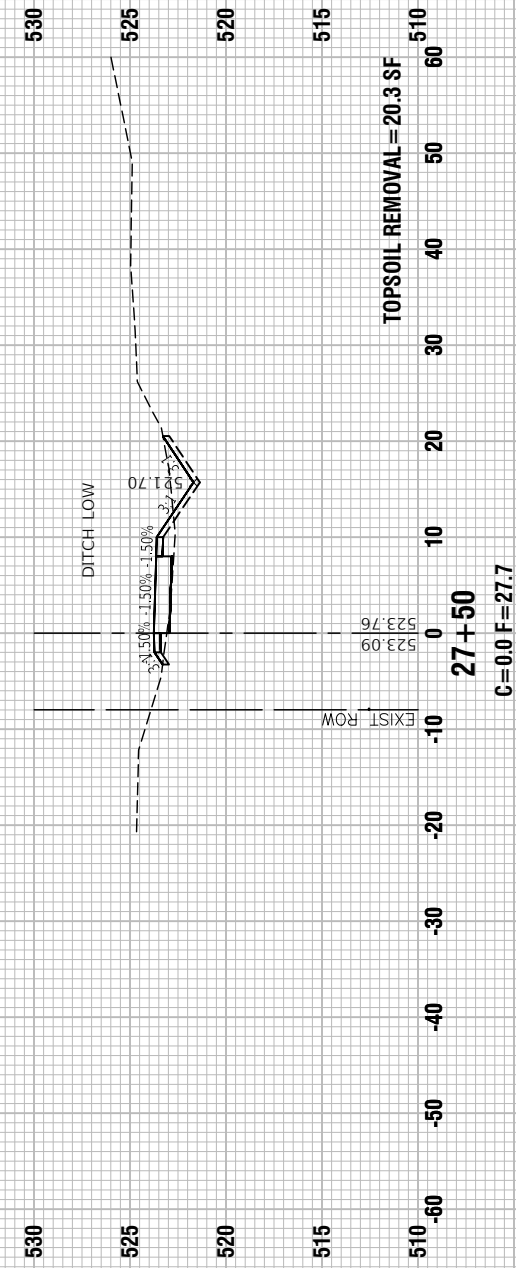
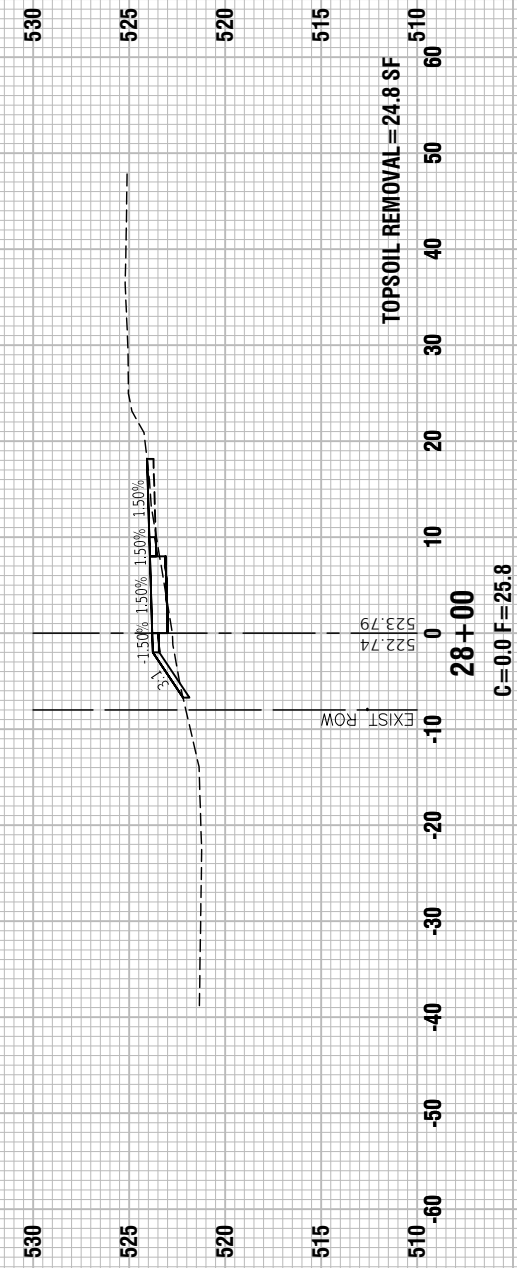
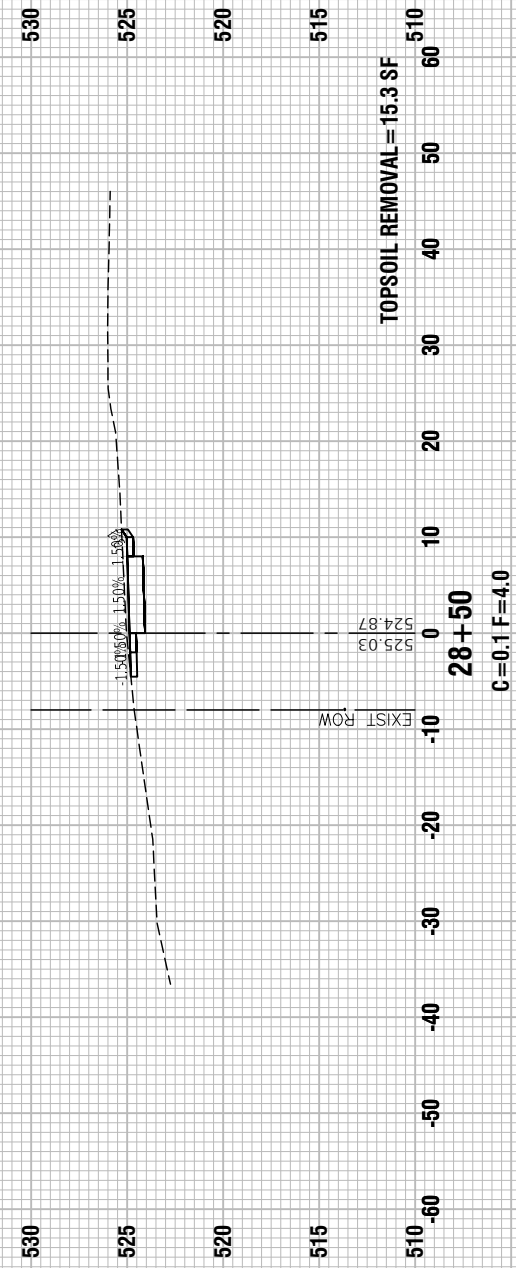
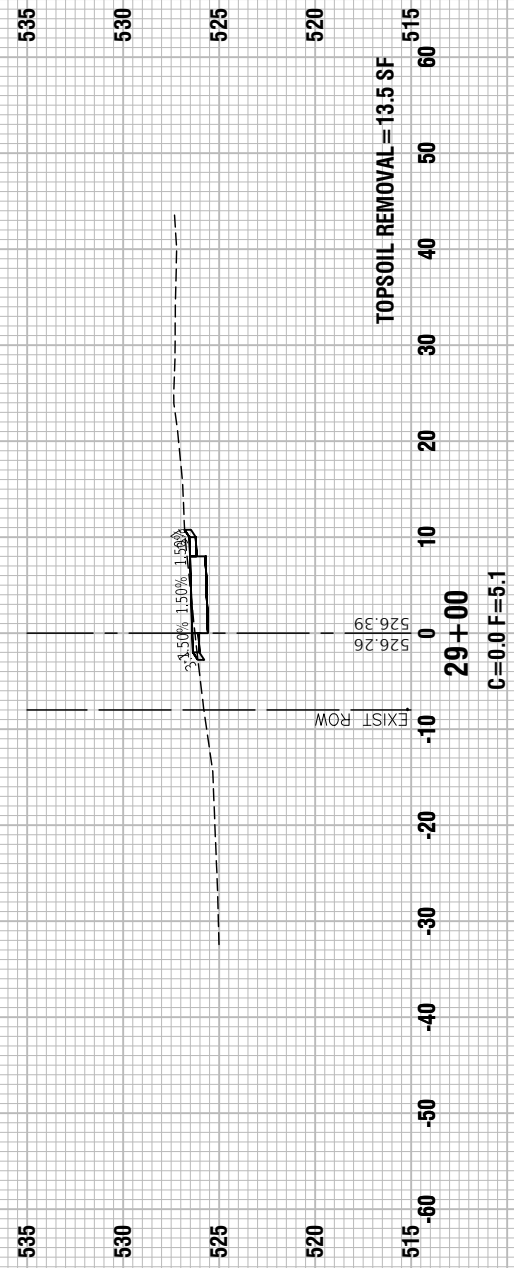


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		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) CROSS SECTIONS			
SCALE: H 1"=5' V 1"=5'	SHEET NO. 28	OF 68 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	28
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)			CONTRACT NO. 87840	

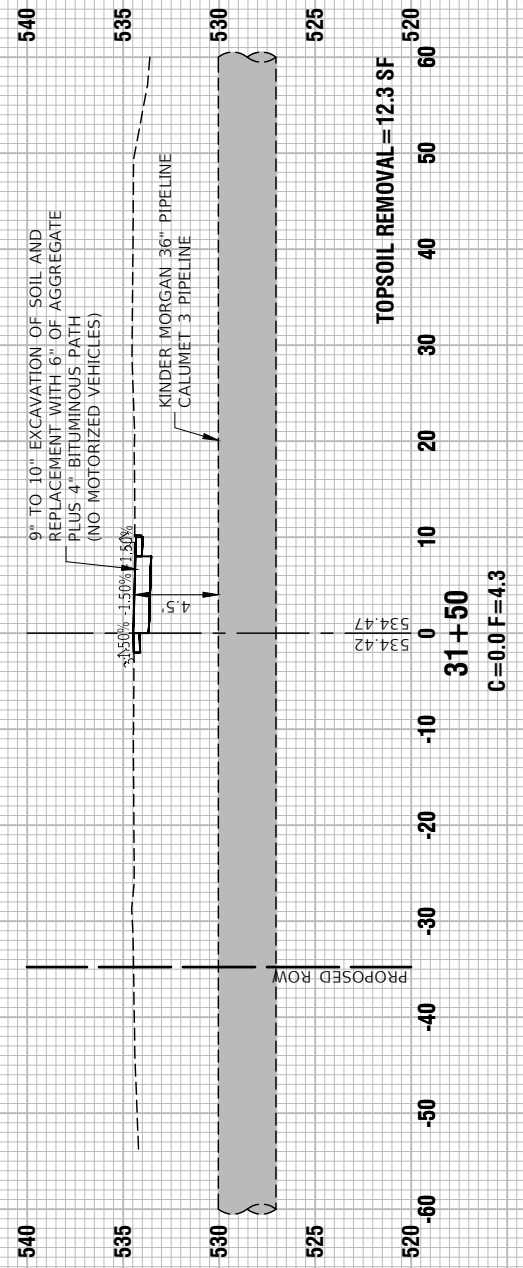


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		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

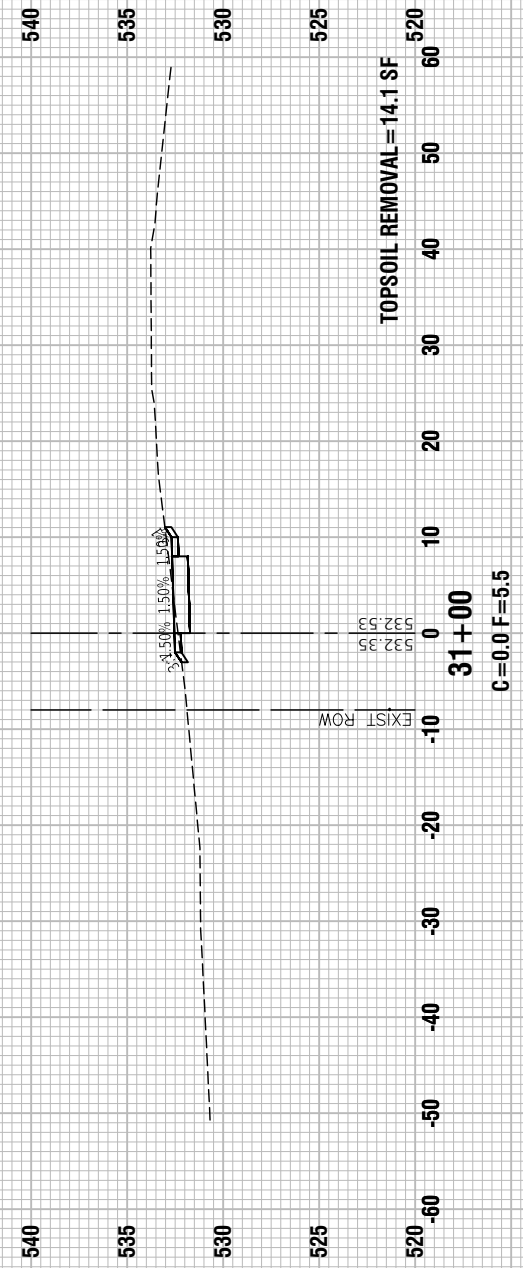
MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) CROSS SECTIONS			
SCALE: H 1"=5' V 1"=5'	SHEET NO. 29 OF 68 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	29
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	



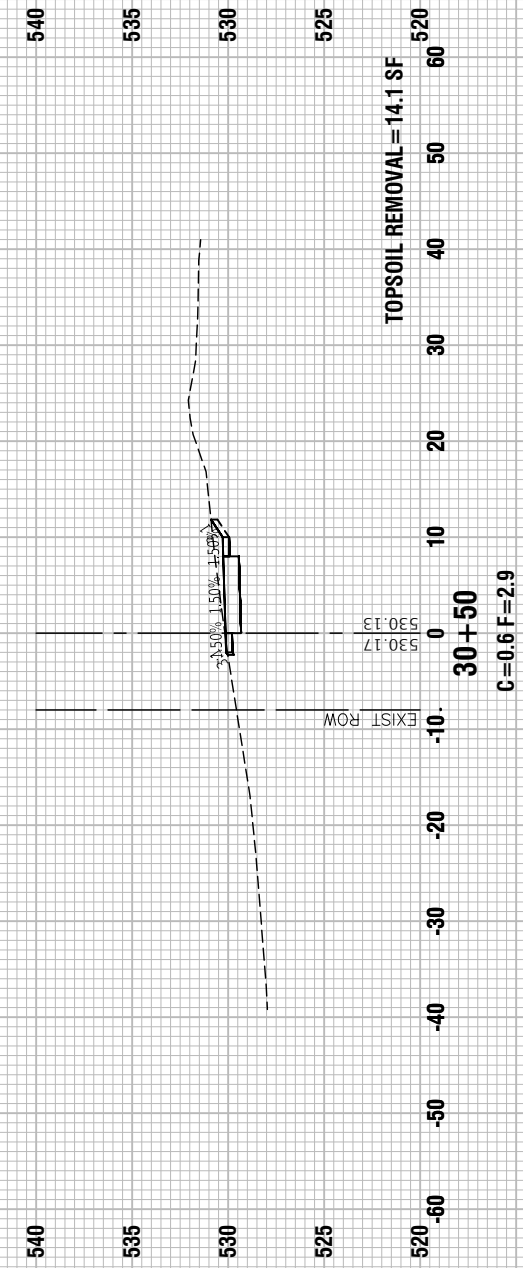
TOPSOIL REMOVAL = 12.3 SF

31+50  
C=0.0 F=4.3



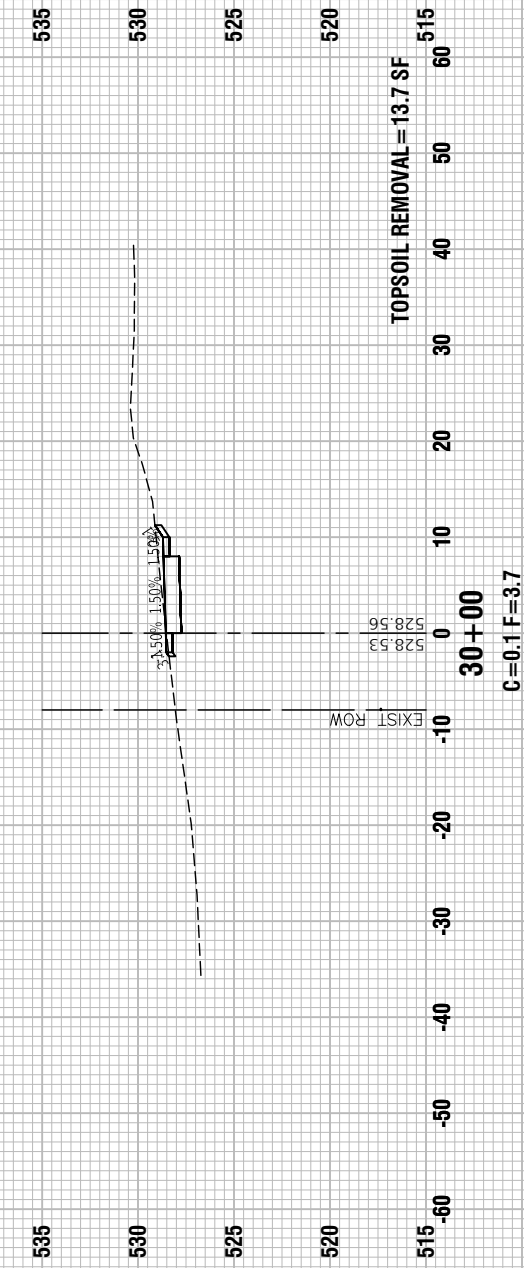
TOPSOIL REMOVAL = 14.1 SF

31+00  
C=0.0 F=5.5



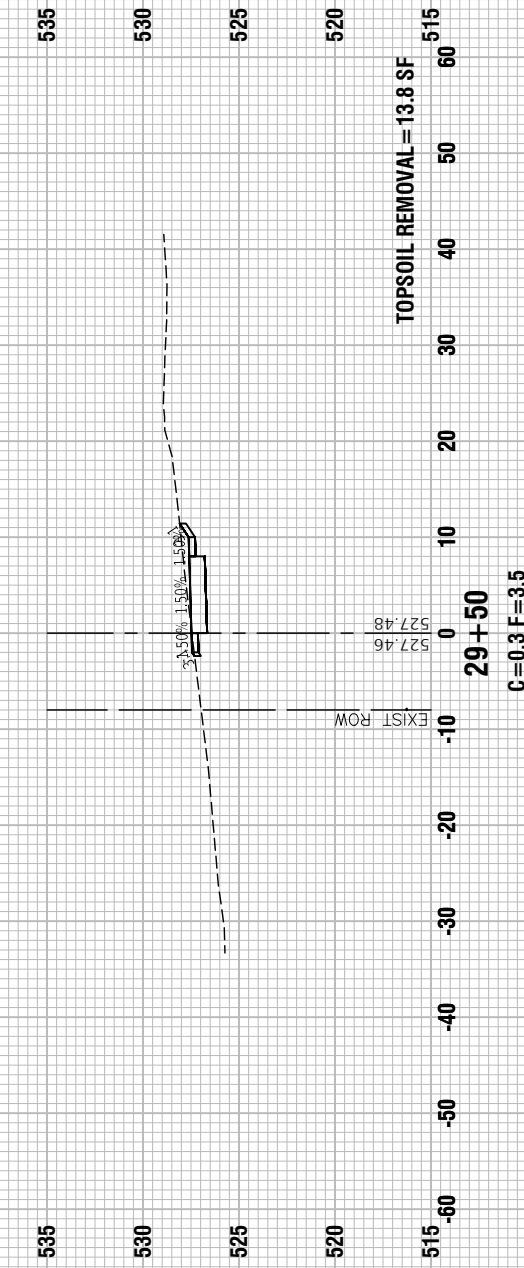
TOPSOIL REMOVAL = 14.1 SF

30+50  
C=0.6 F=2.9



TOPSOIL REMOVAL = 13.7 SF

30+00  
C=0.1 F=3.7



TOPSOIL REMOVAL = 13.8 SF

29+50  
C=0.3 F=3.5

FILE NAME = 19R0550-02-XSECT-01 -IDOT\_X(10)

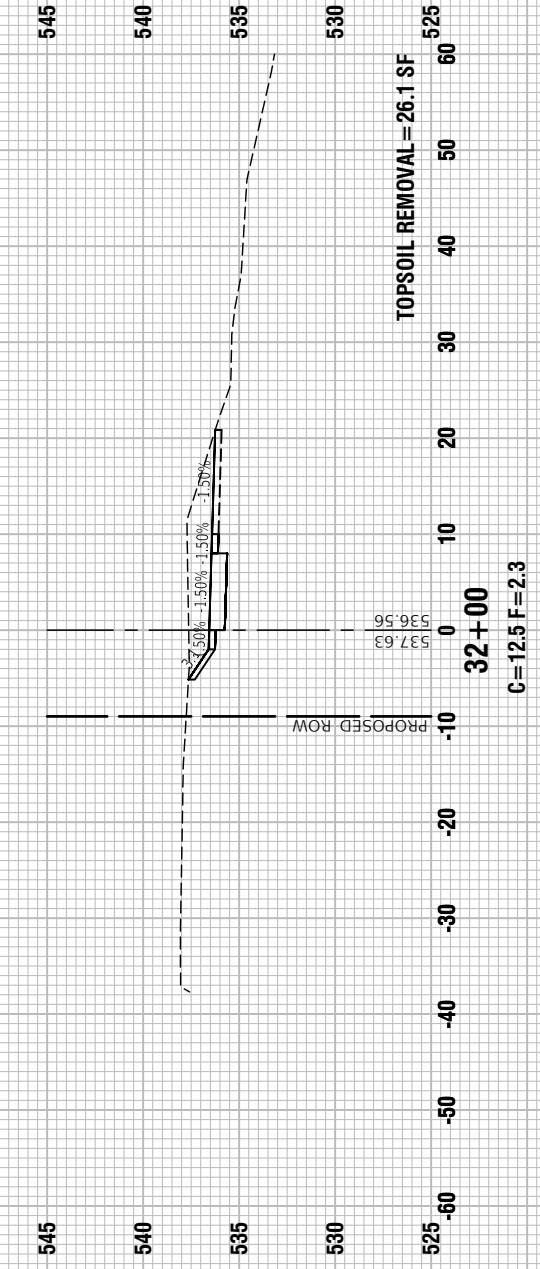
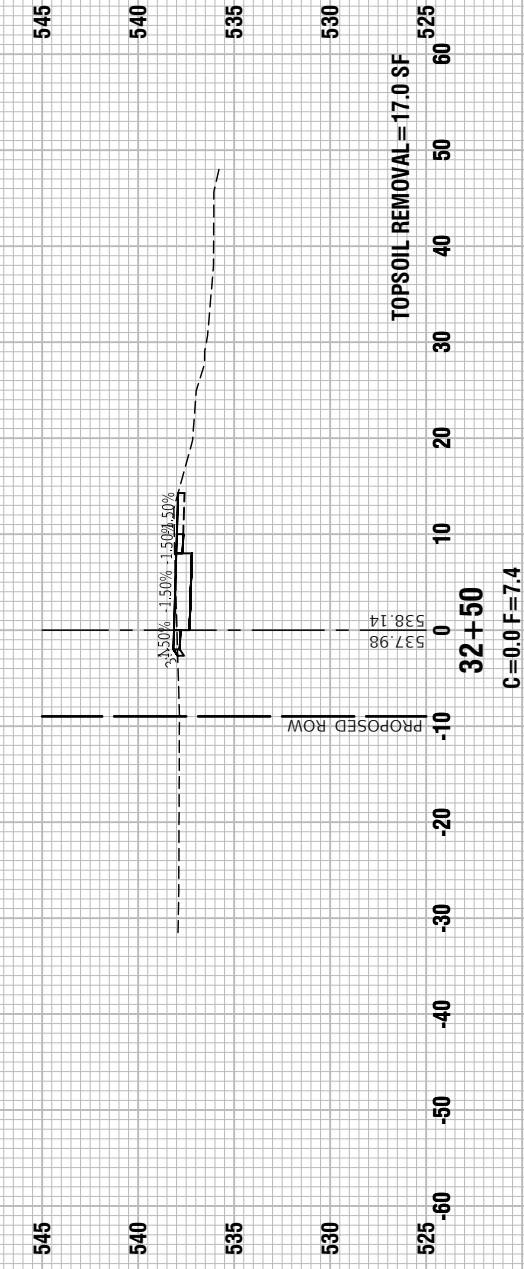
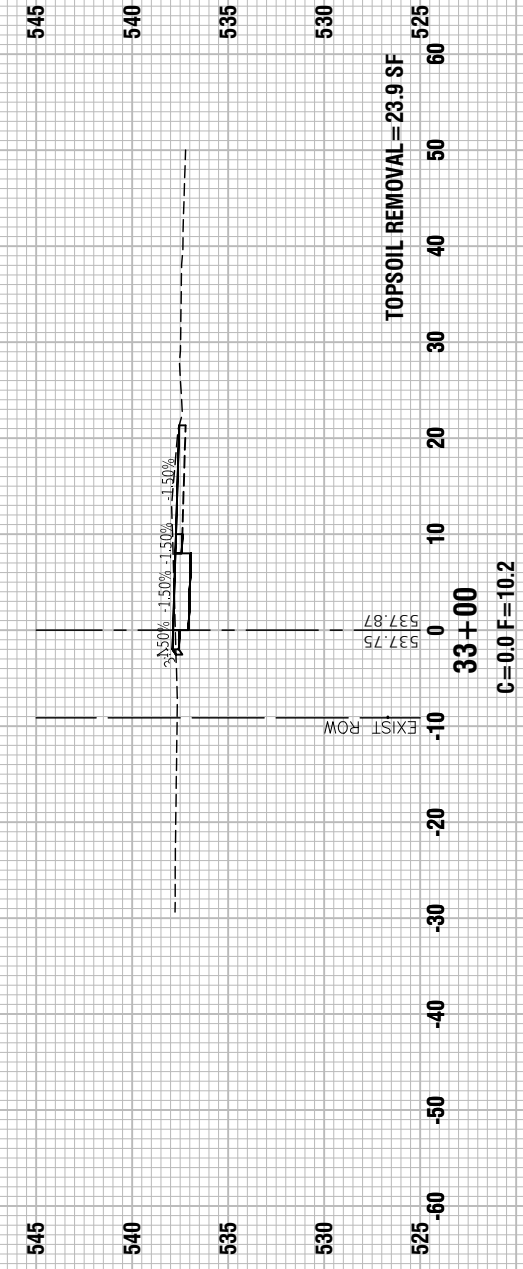
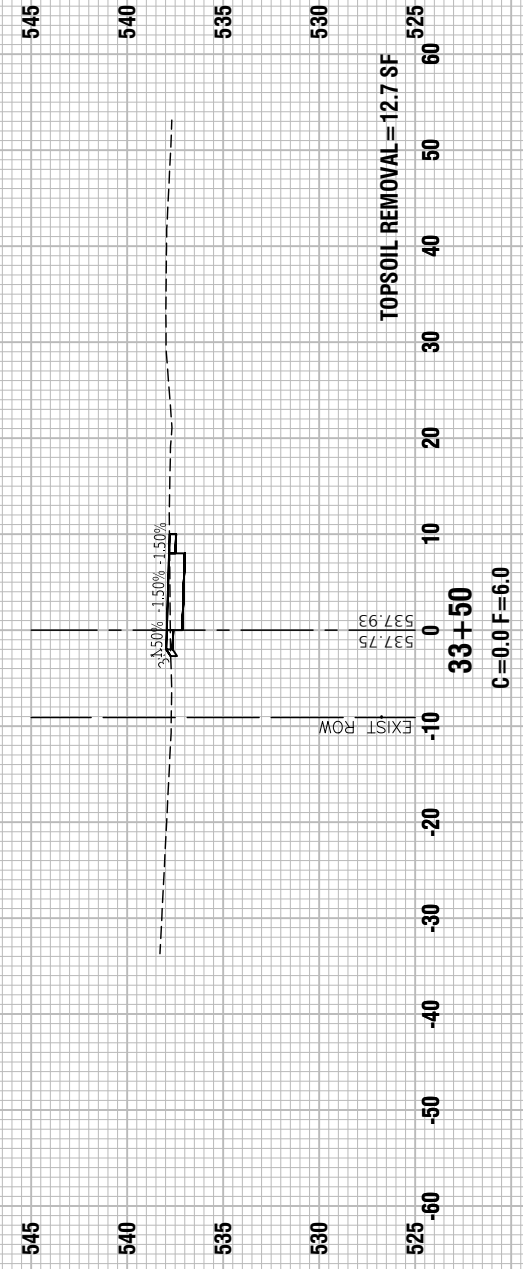
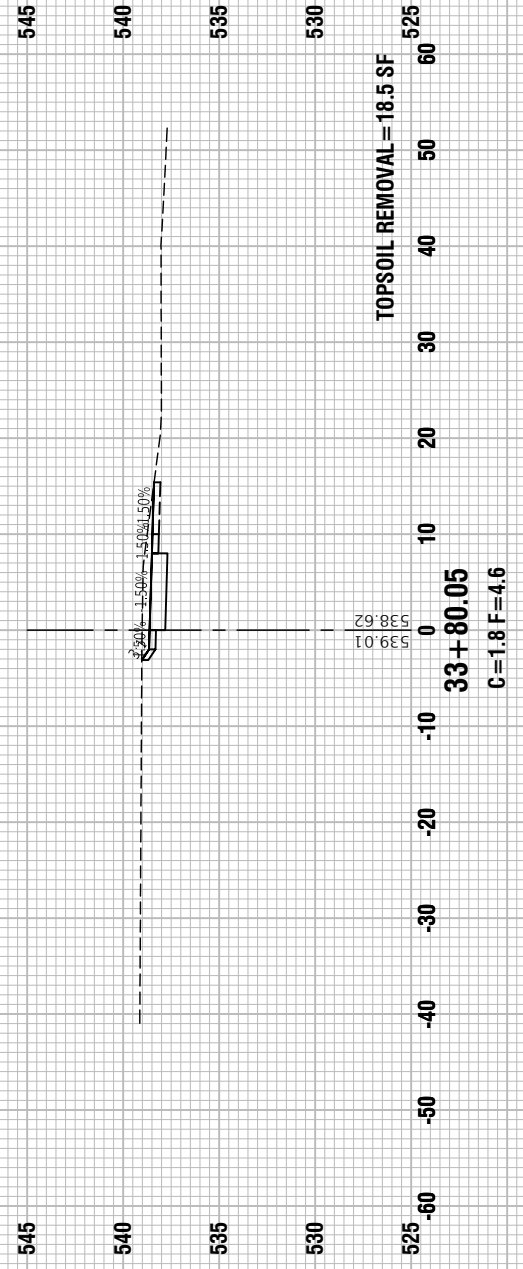
USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 30 OF 68 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	30
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	



FILE NAME = 19R0550-02-XSECT-01 - IDOT\_X(11)

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

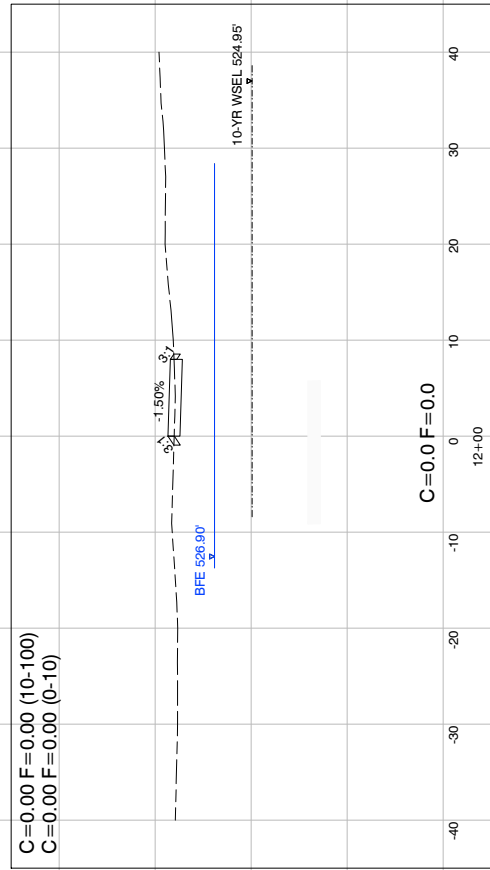
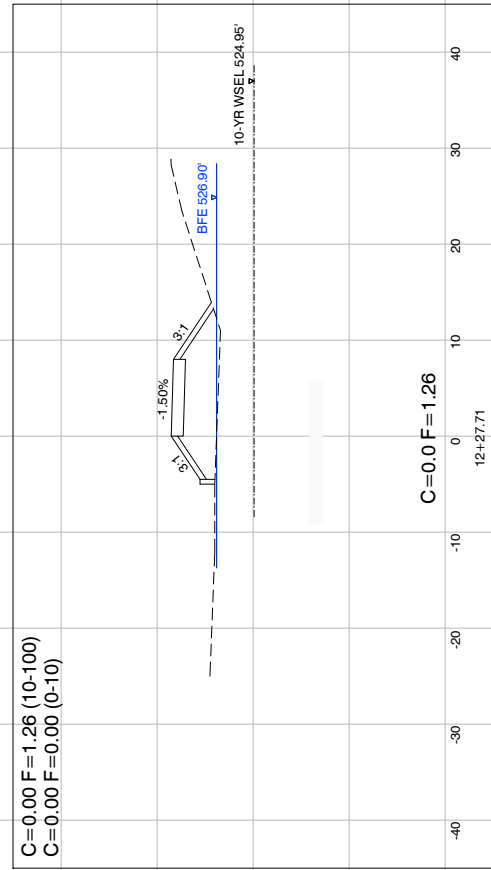
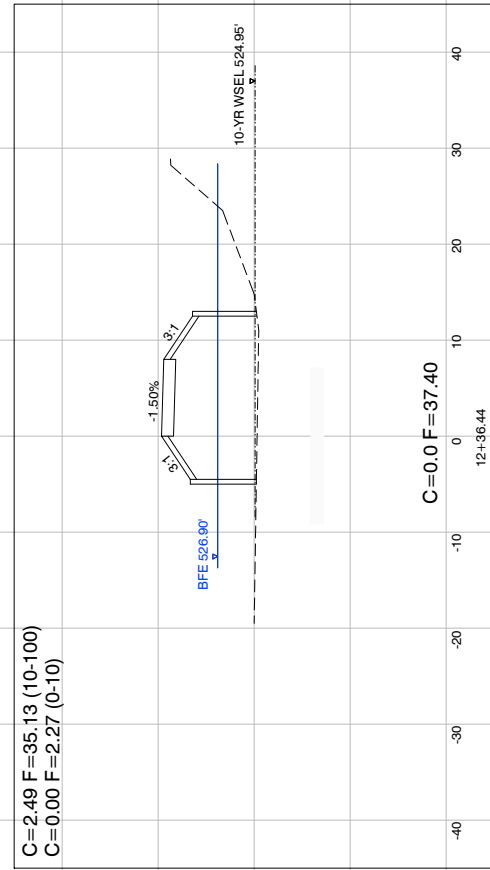
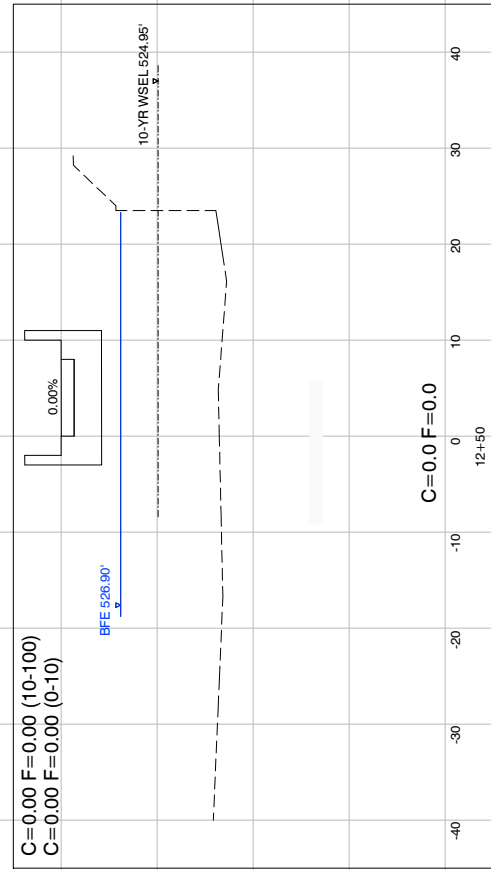
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 31 OF 68 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	31
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)			CONTRACT NO. 87840	

CUT & FILL EXHIBITS SHEET 1



WEST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSC01

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

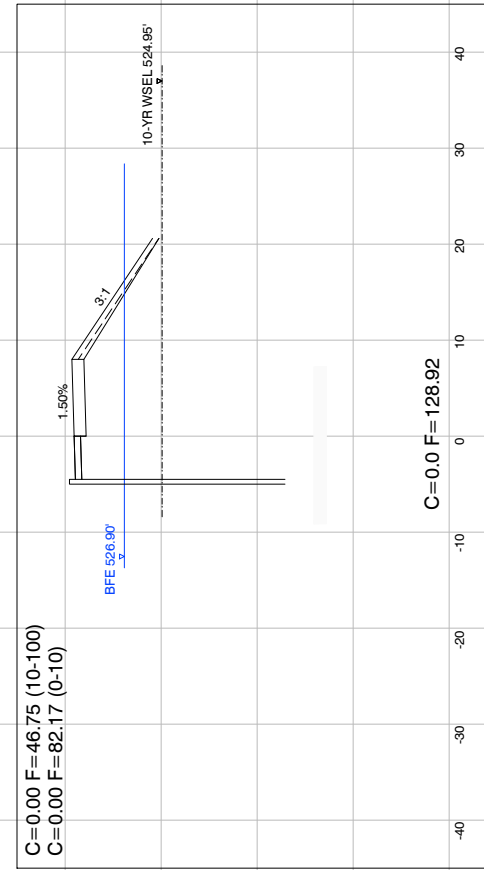
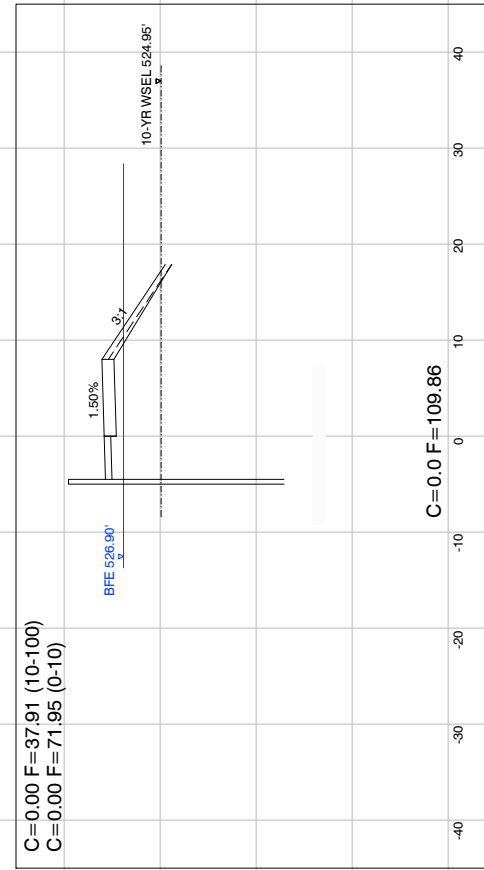
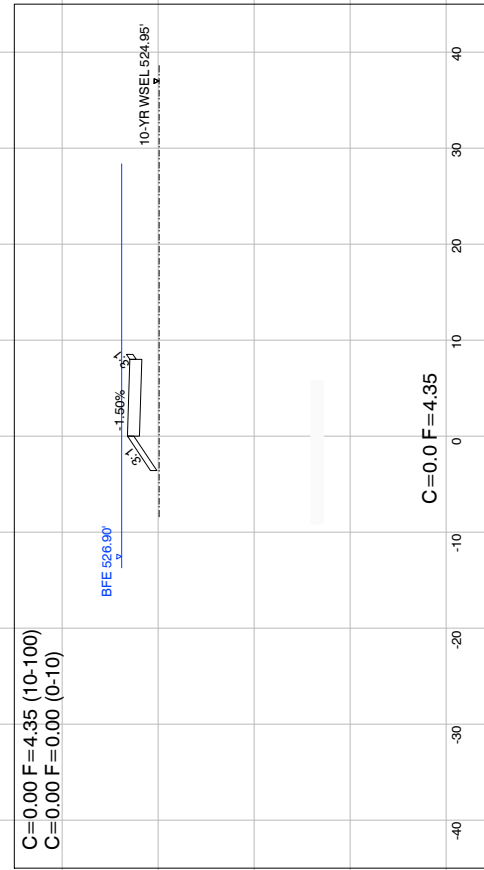
MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	32
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	



CUT & FILL EXHIBITS SHEET 2



EAST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT02

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

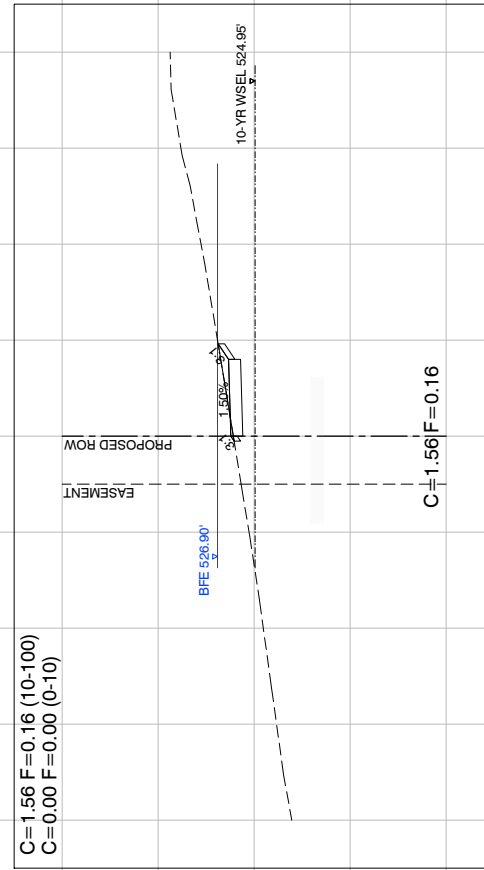
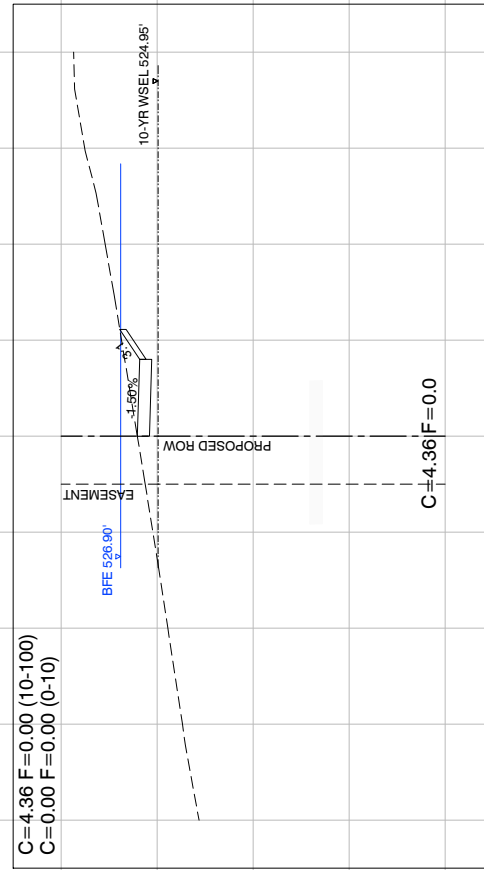
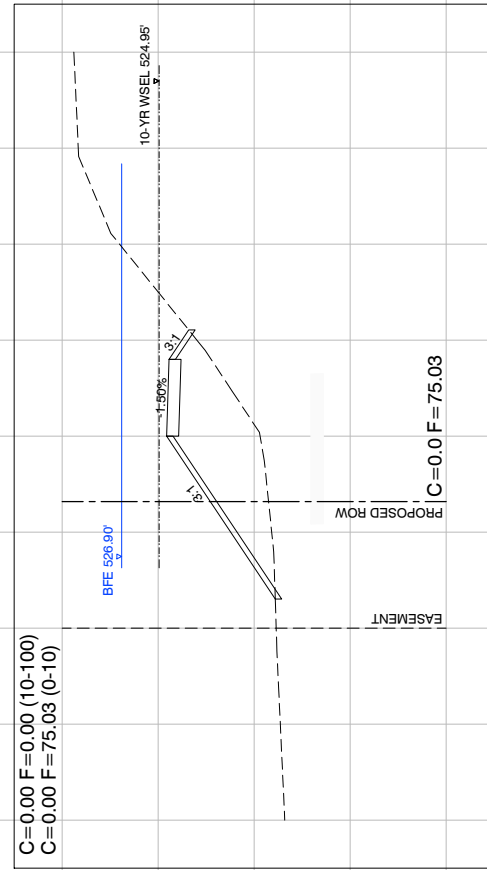
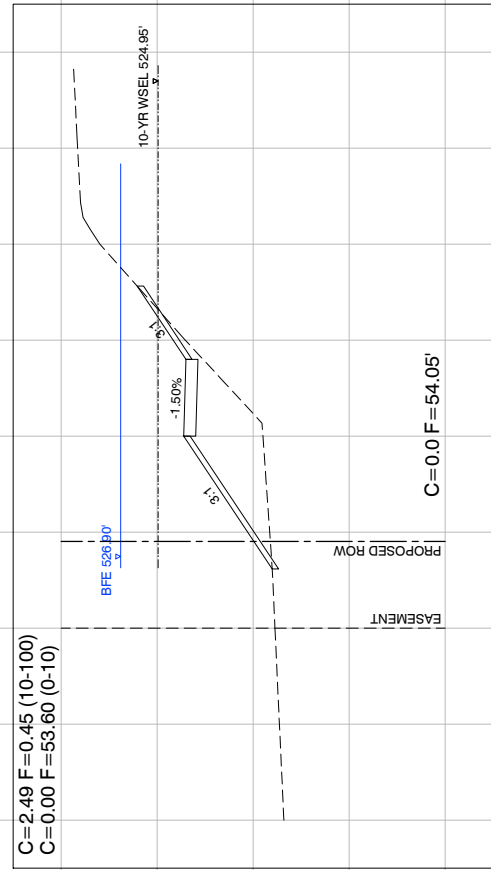
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	33
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 3



FILE NAME = 19R0550-EXHB-02 - XSC03

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

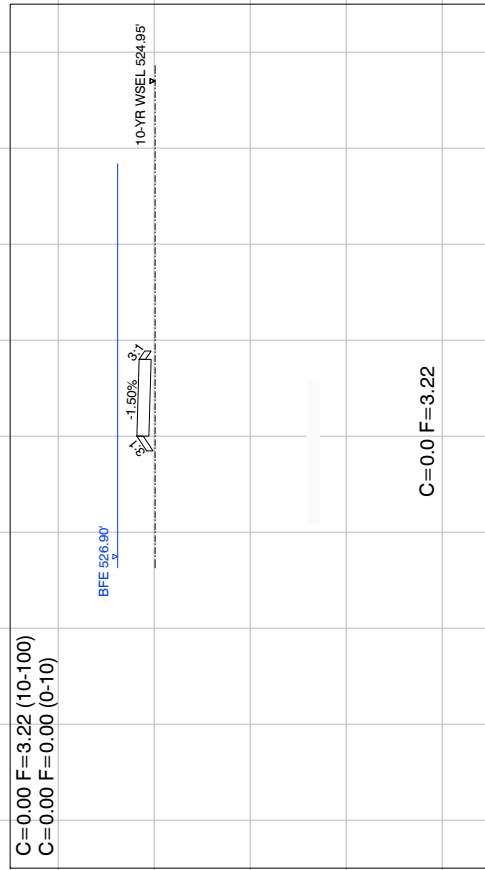
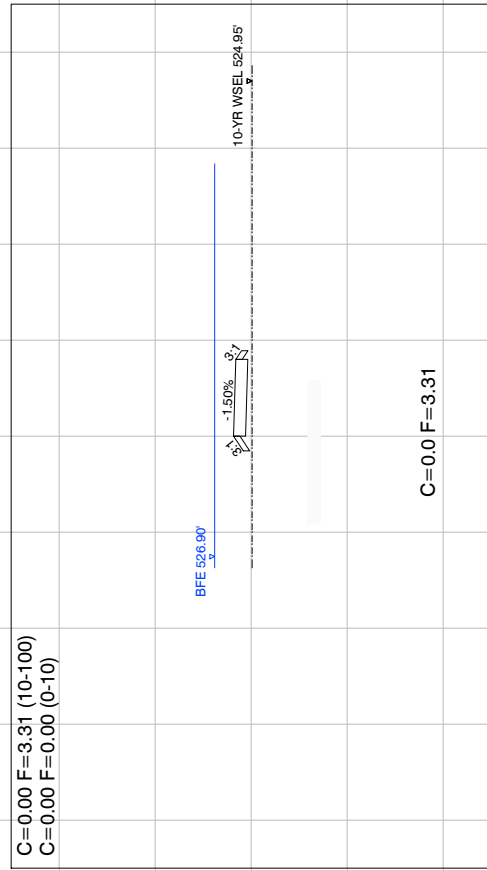
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	34
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				

# CUT & FILL EXHIBITS SHEET 4

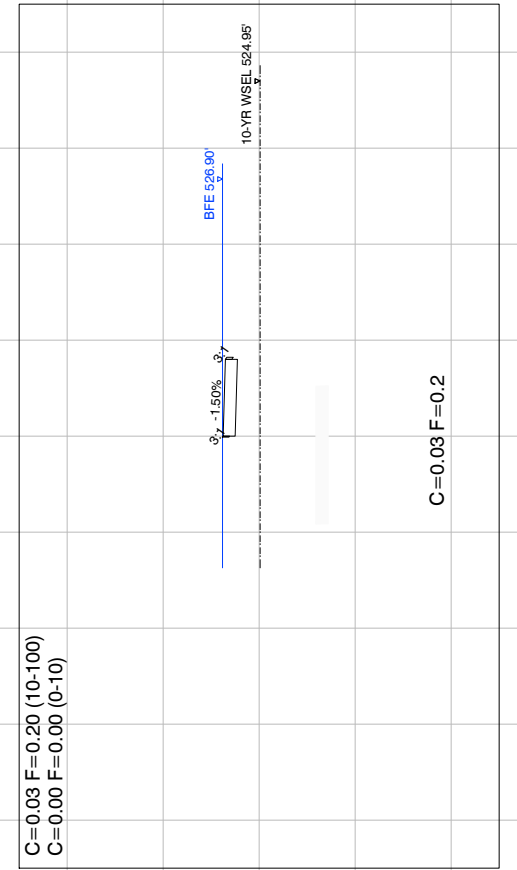
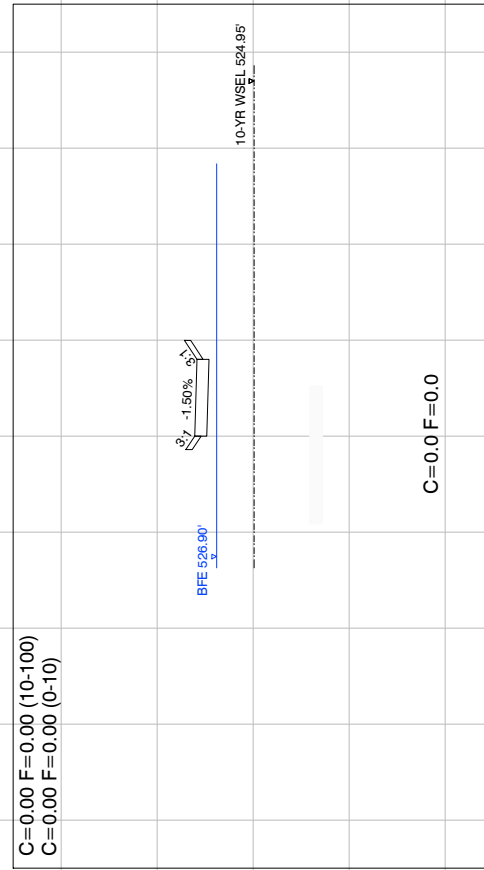
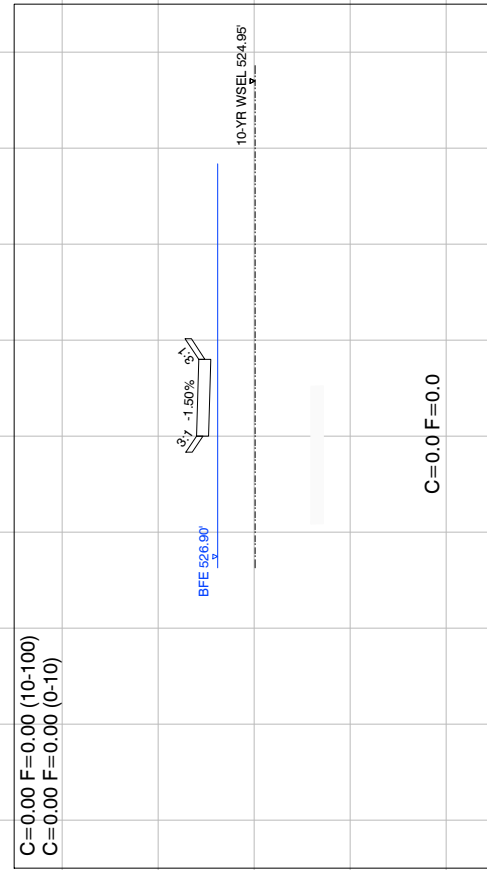


FILE NAME = 19R0550-EXHB-02 - XSCT04	USER NAME =	DESIGNED -- JR	REVISED --
		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
	PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD F.A.U. 0393 (MCEVILLY ROAD) CUT & FILL EXHIBITS		F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 35
SCALE: N.T.S.		SHEET NO. OF SHEETS		STA. TO STA.		CONTRACT NO. 87840
		FED. ROAD DIST. NO. 3		ILLINOIS		FED. AID PROJECT E9N8 (383)

# CUT & FILL EXHIBITS SHEET 5



FILE NAME = 19R0550-EXHB-02 - XSCT05

USER NAME =	DESIGNED -- JR
	CHECKED -- WD
PLOT SCALE =	DRAWN -- S.K./K.W.M.
PLOT DATE = 7-8-24	CHECKED -- AG

REVISED --
REVISED --
REVISED --
REVISED --

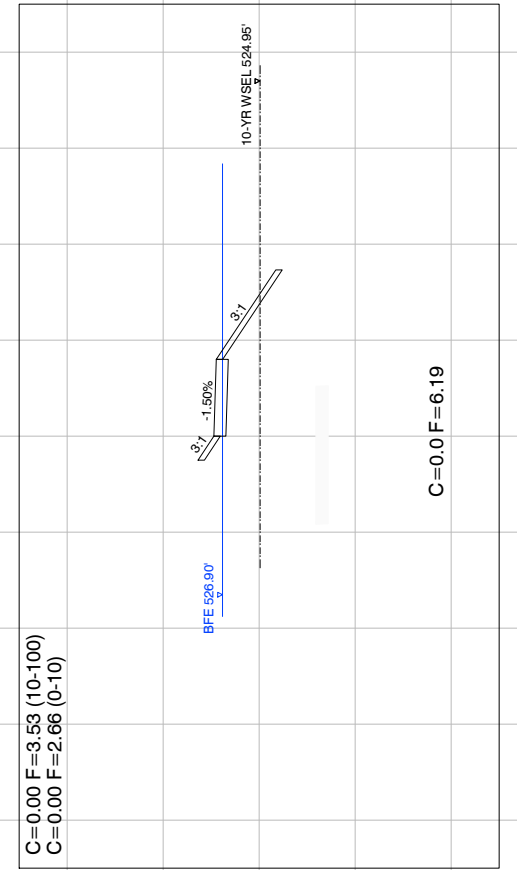
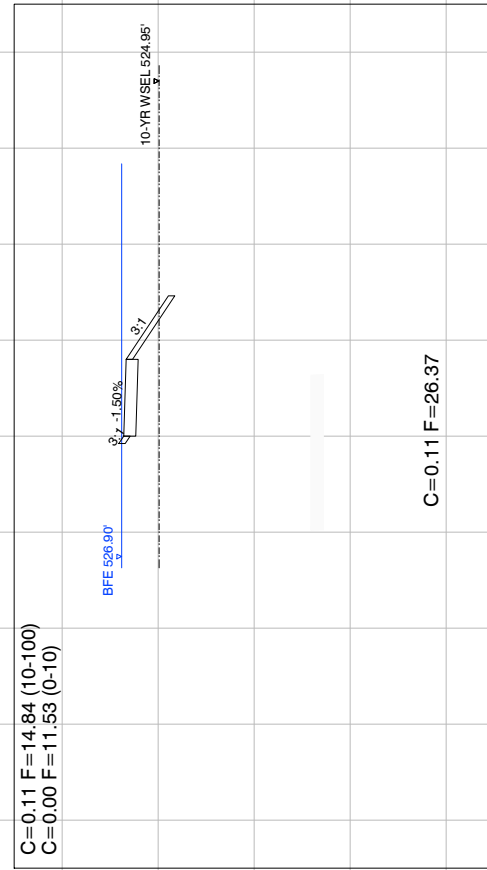
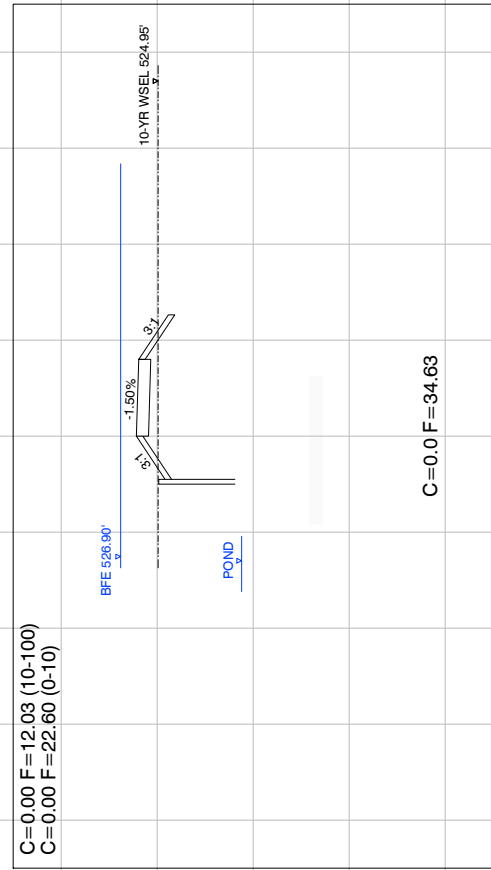
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	36
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT E9N8 (383)		

# CUT & FILL EXHIBITS SHEET 6



FILE NAME = 19R0550-EXHB-02 - XSC06

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

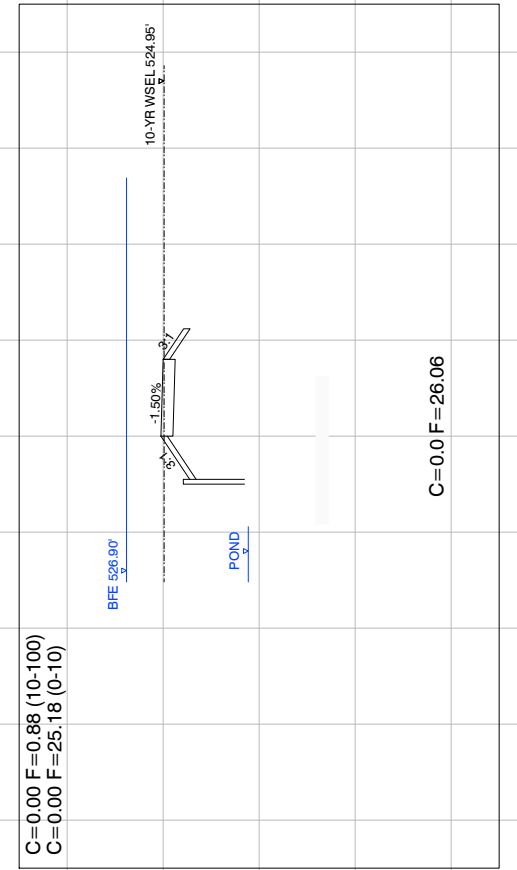
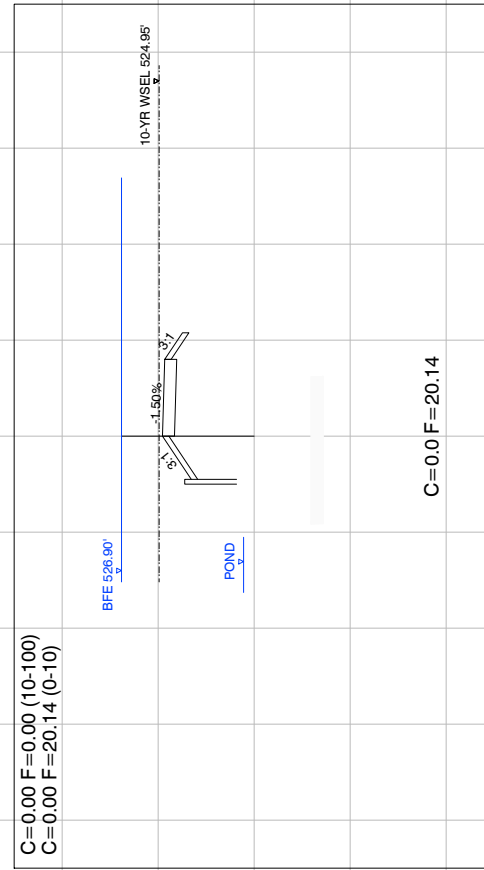
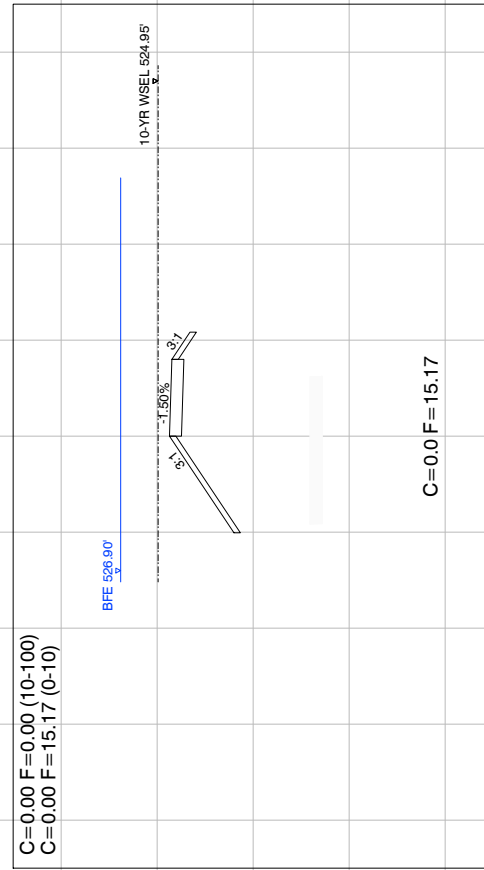
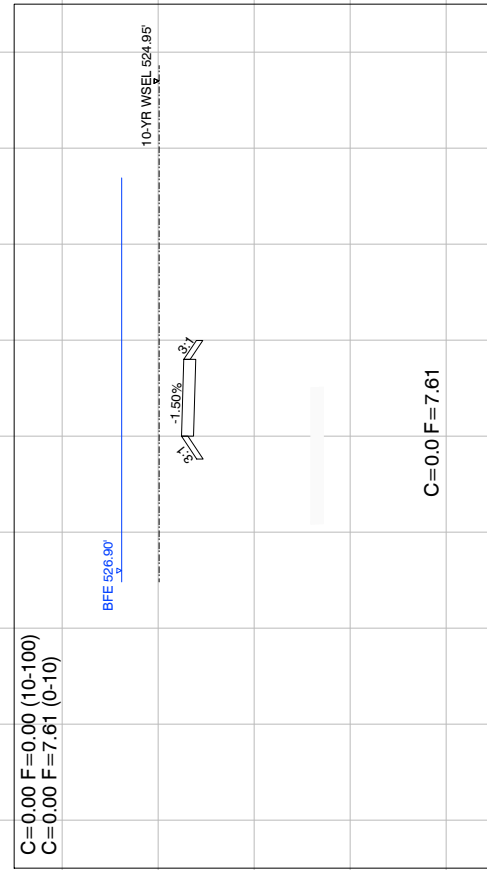
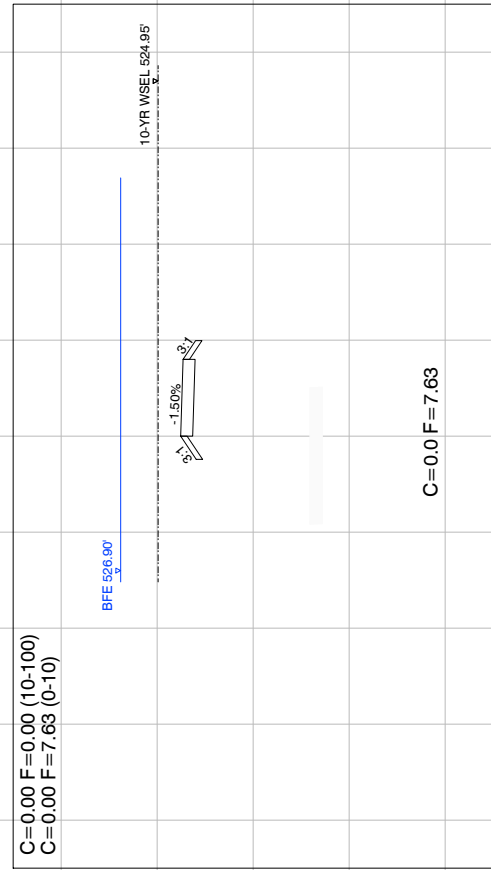
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	37
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 7



FILE NAME = 19R0550-EXHB-02 - XSCT07

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

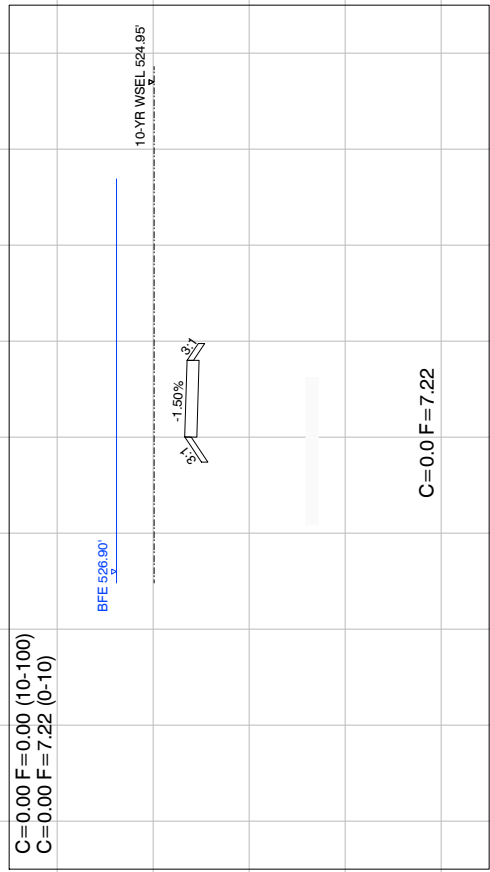
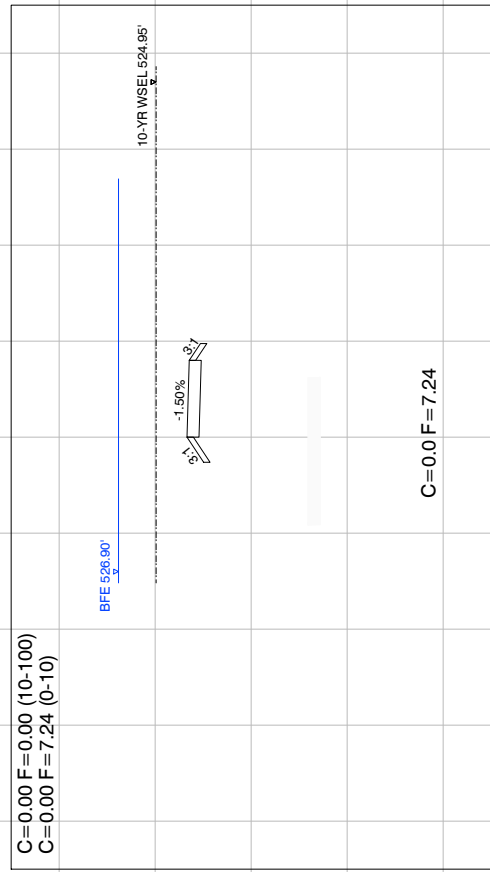
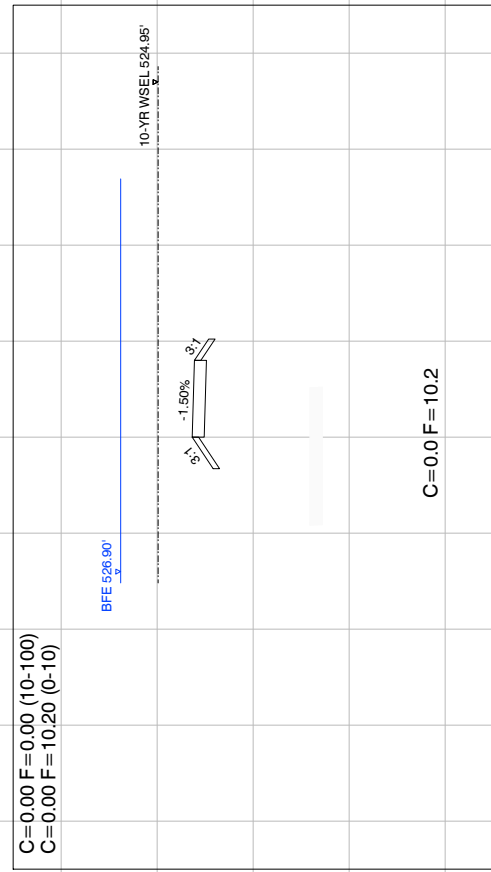
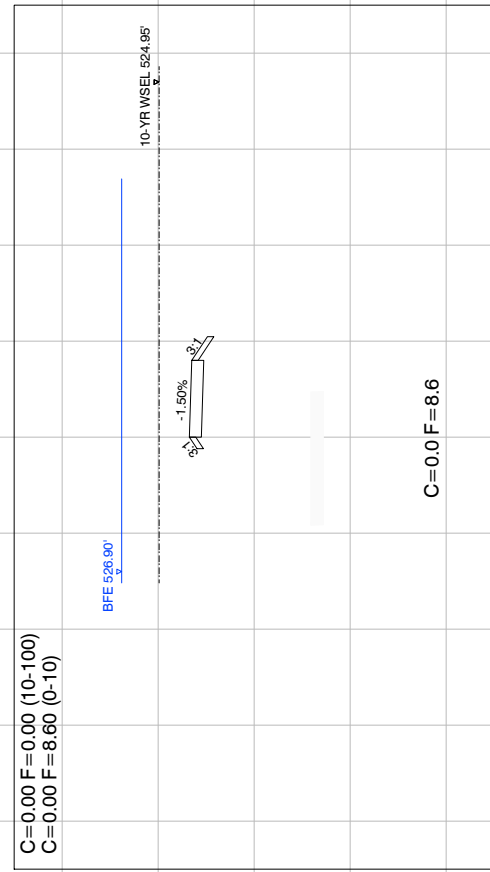
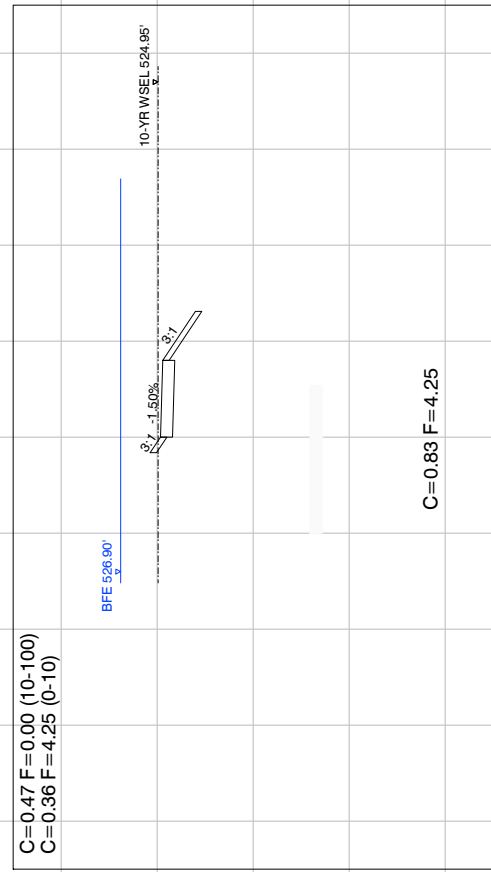
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	38
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				

# CUT & FILL EXHIBITS SHEET 8



FILE NAME = 19R0550-EXHB-02 - XSCT08

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

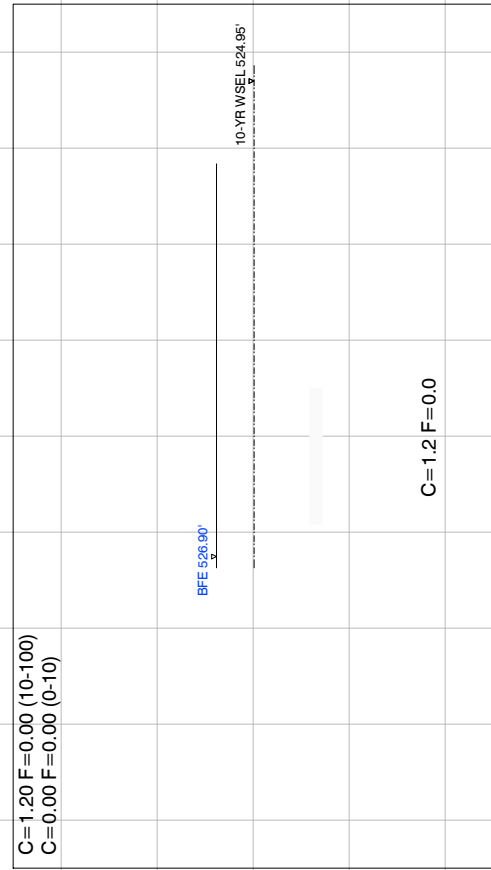
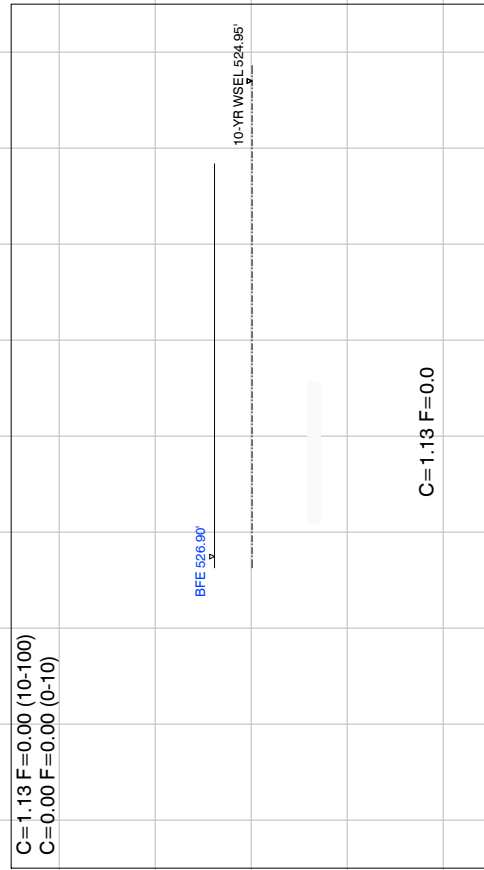
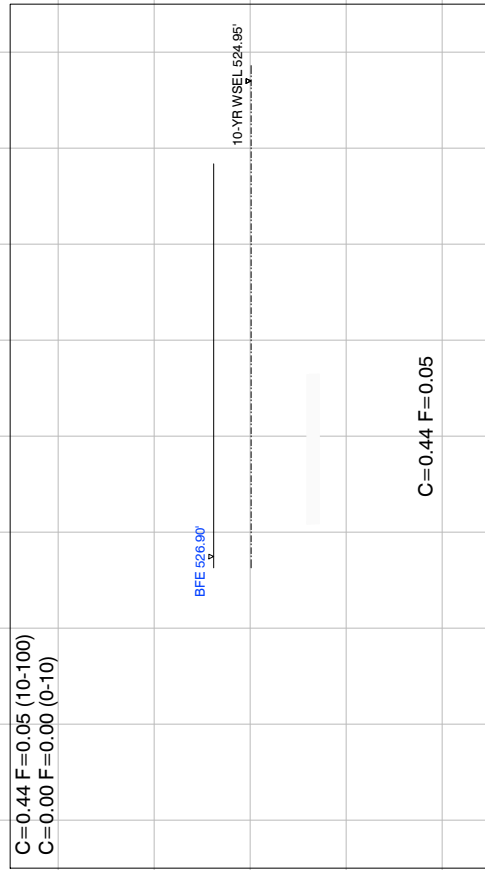
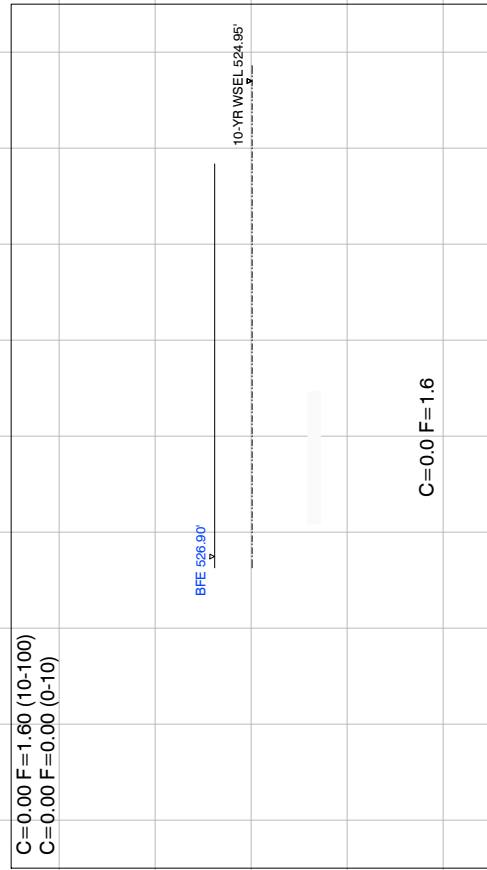
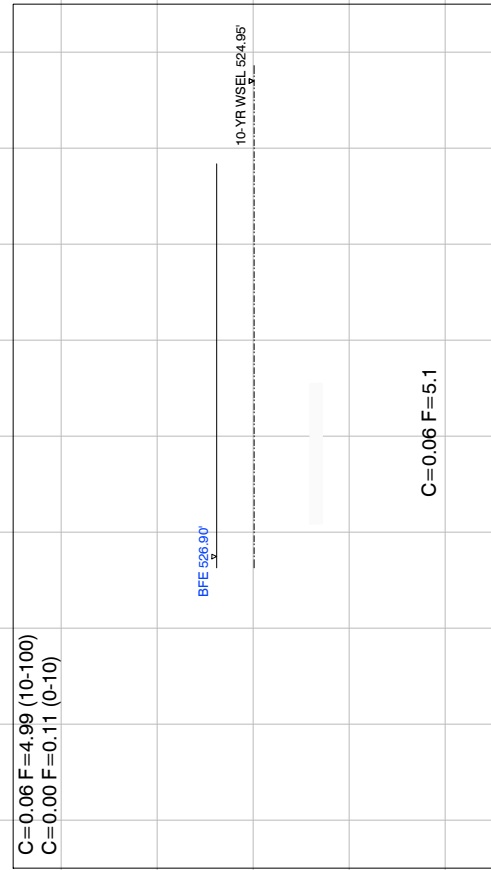
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	39
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				

# CUT & FILL EXHIBITS SHEET 9



FILE NAME = 19R0550-EXHB-02 - XSCT09

USER NAME =	DESIGNED -- JR
	CHECKED -- WD
PLOT SCALE =	DRAWN -- S.K./K.W.M.
PLOT DATE = 7-8-24	CHECKED -- AG

REVISED --
REVISED --
REVISED --
REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

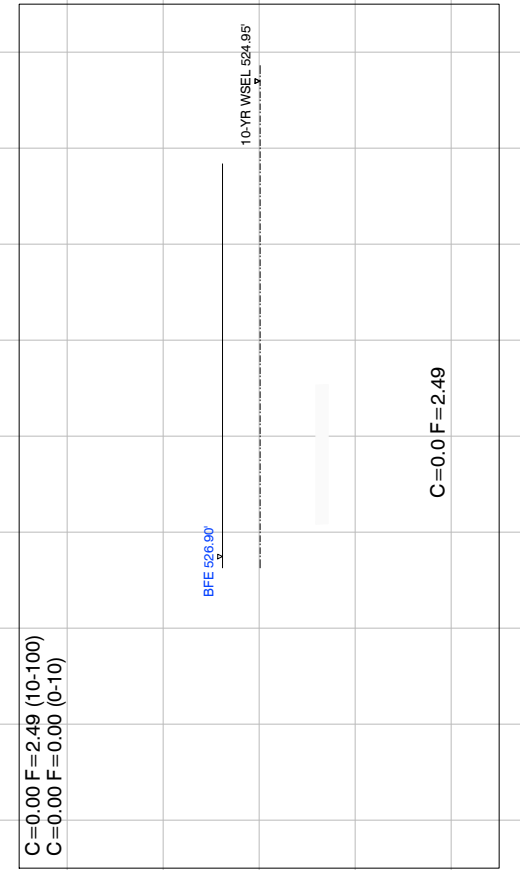
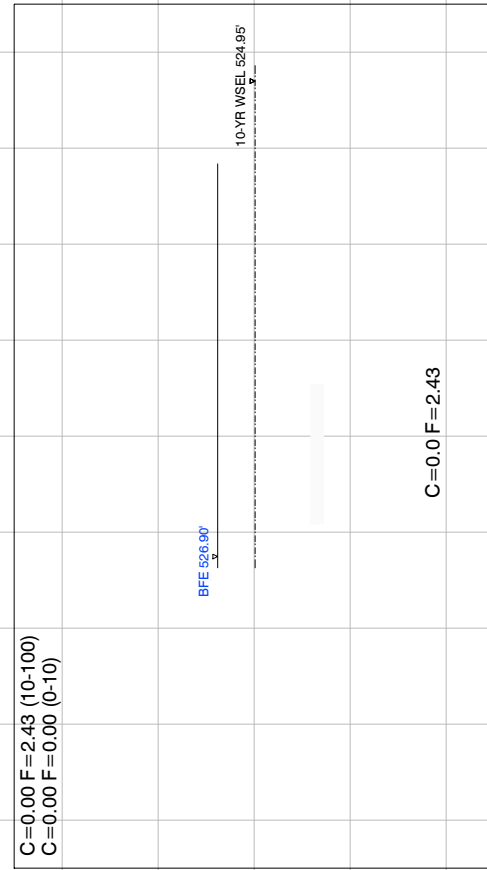
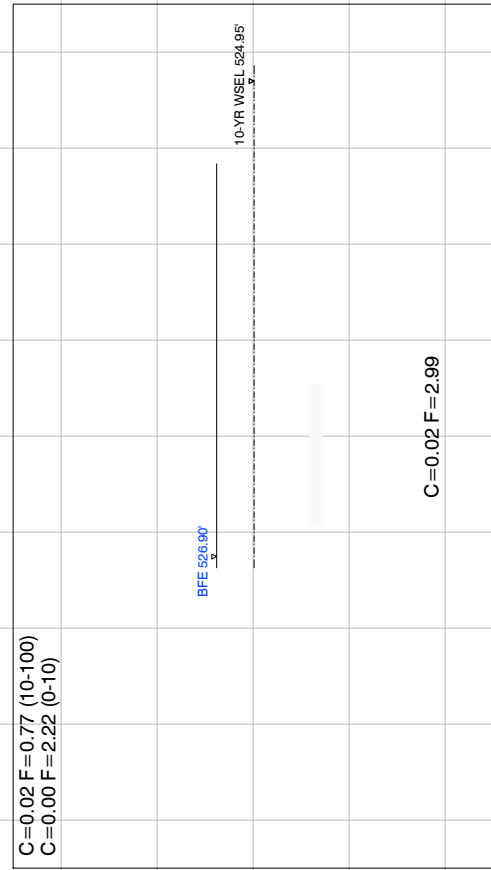
MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	40
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	



# CUT & FILL EXHIBITS SHEET 10



FILE NAME = 19R0550-EXHB-02 - XSCT10

USER NAME =	DESIGNED -- JR
	CHECKED -- WD
PLOT SCALE =	DRAWN -- S.K./K.W.M.
PLOT DATE = 7-8-24	CHECKED -- AG

REVISED --
REVISED --
REVISED --
REVISED --

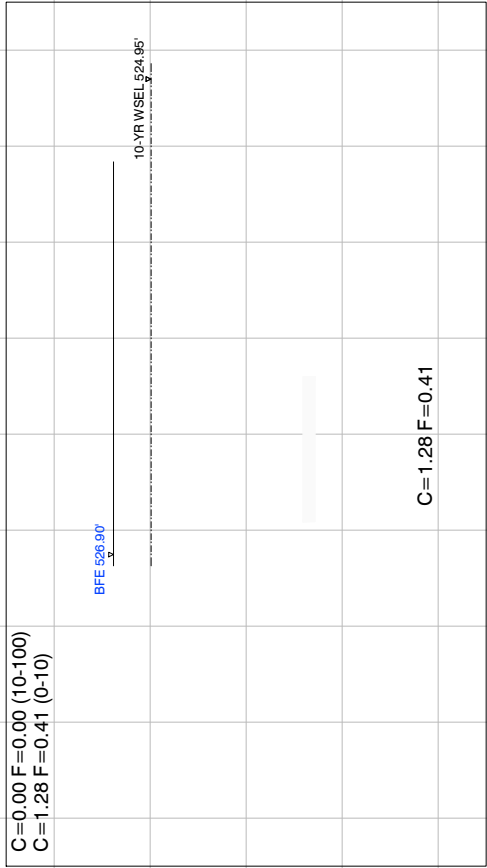
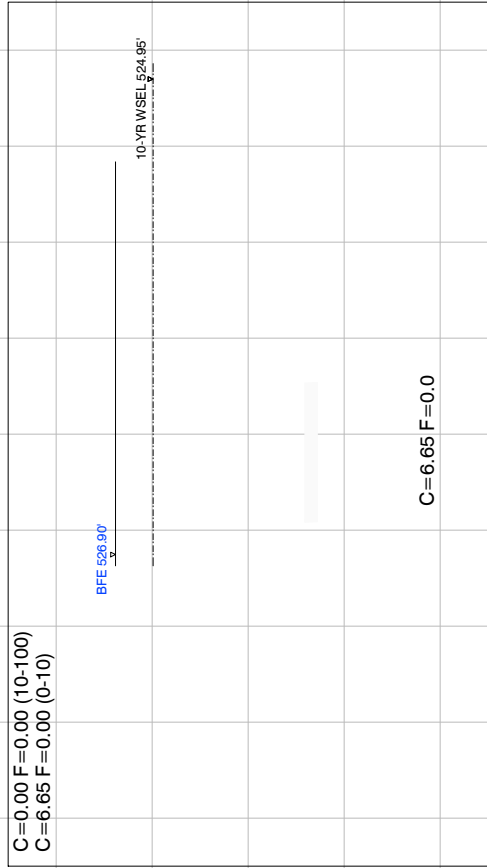
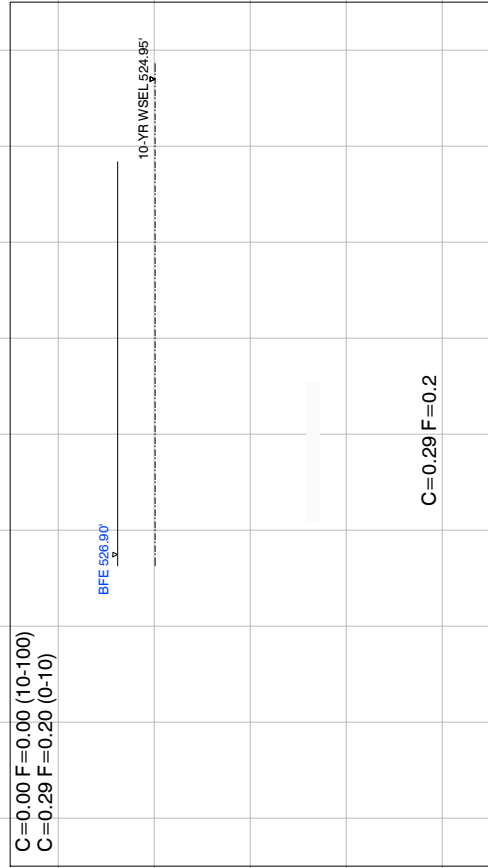
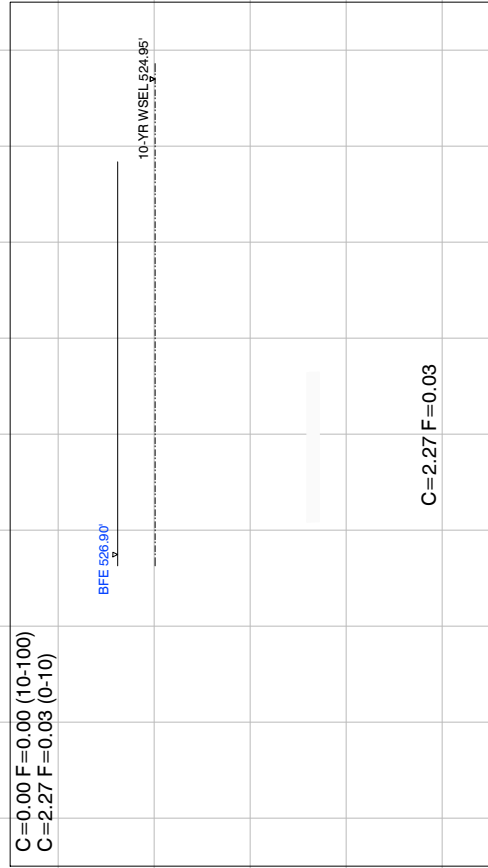
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	41
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				

# CUT & FILL EXHIBITS SHEET 11



FILE NAME = 19R0550-EXHB-02 - XSCT11

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

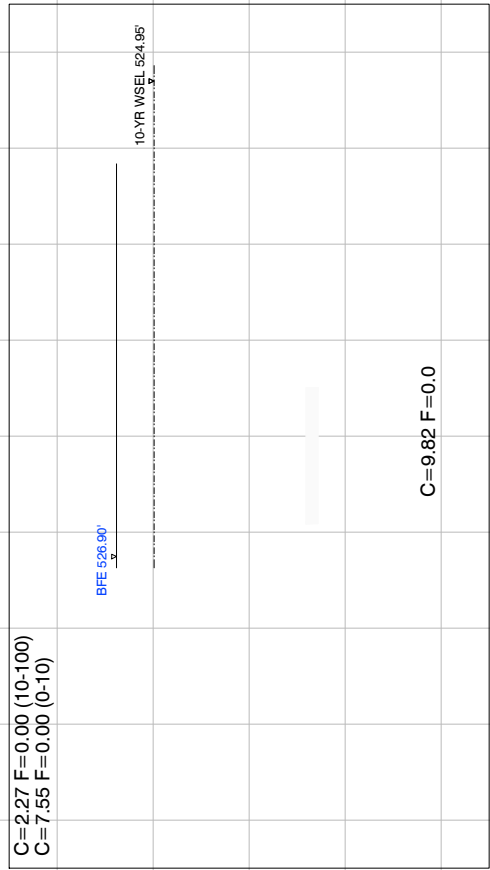
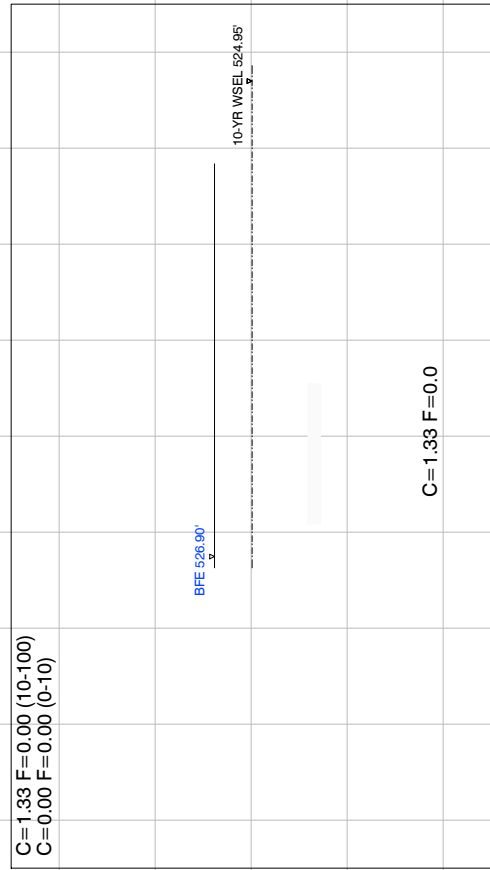
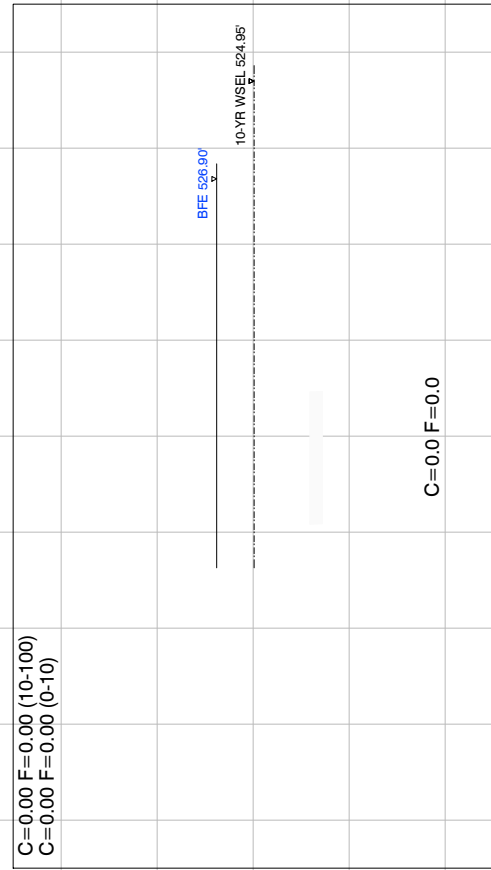
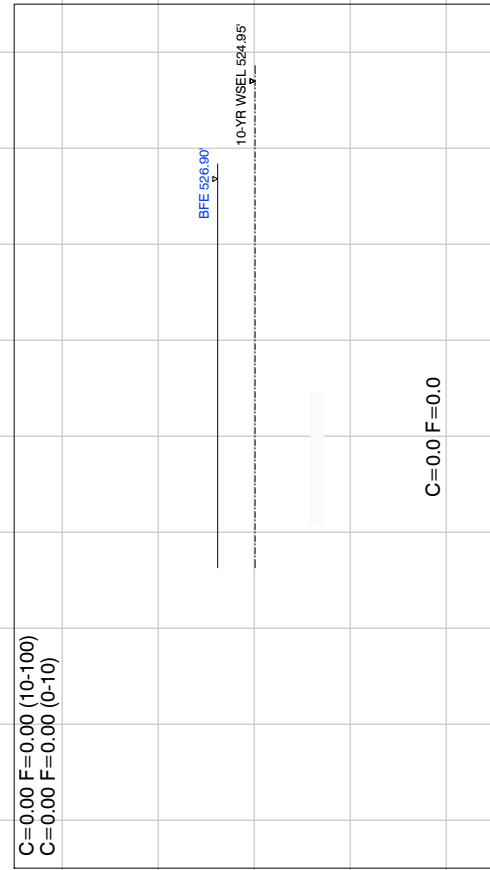
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	42
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 12



FILE NAME = 19R0550-EXHB-02 - XSCT12

USER NAME =	DESIGNED -- JR
	CHECKED -- WD
PLOT SCALE =	DRAWN -- S.K./K.W.M.
PLOT DATE = 7-8-24	CHECKED -- AG

REVISED --
REVISED --
REVISED --
REVISED --

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	43
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	



FILE NAME = 19R0550-EXHB-02 - EXHB02

USER NAME =  
 PLOT SCALE =  
 PLOT DATE = 7-8-24

DESIGNED -- JR  
 CHECKED -- WD  
 DRAWN -- K.W.M.  
 CHECKED -- AG

REVISED --  
 REVISED --  
 REVISED --  
 REVISED --

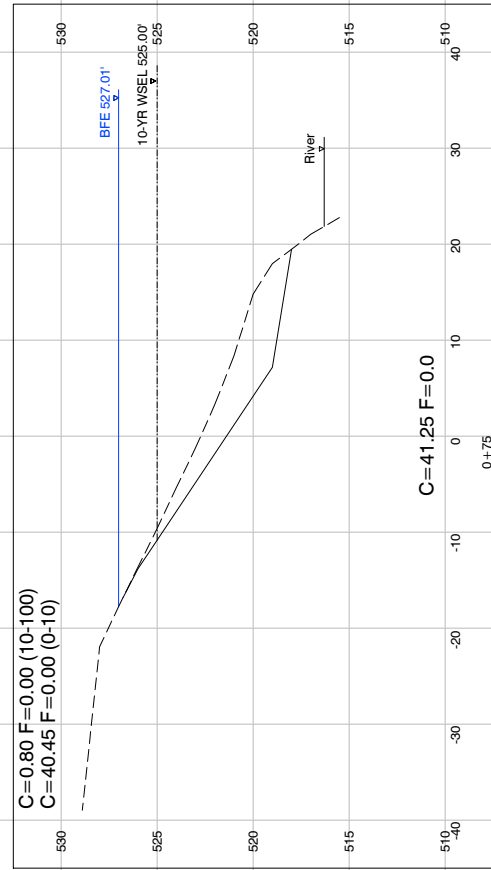
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
 F.A.U. 0393 (MCEVILLY ROAD)  
 EXHIBIT L2 - COMPENSATORY STORAGE LOCATIONS  
 SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

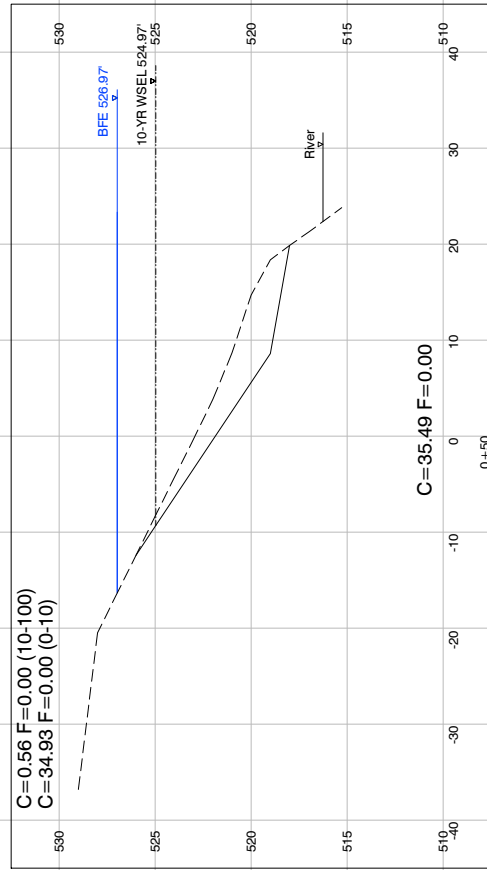
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	44
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				

JUST SAVED BY: KIMBER ON 7/11/24  
 PLOTTED BY: KEVIN MURPHY ON 7/16/24

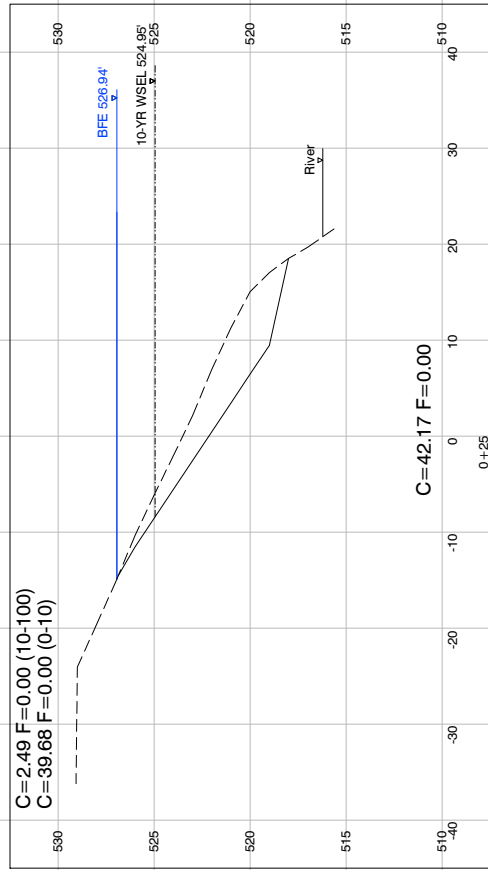
# CUT & FILL EXHIBITS SHEET 13



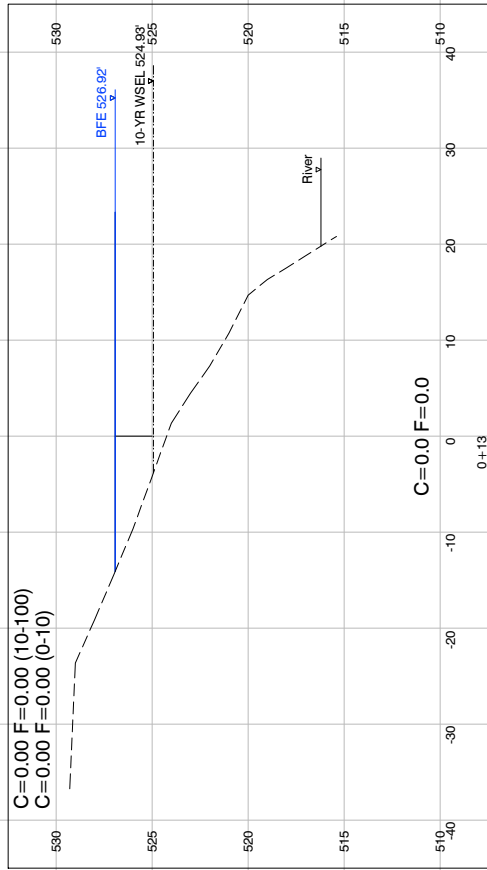
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C=0.0 F=0.0

# COMPENSATORY STORAGE WEST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT13

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

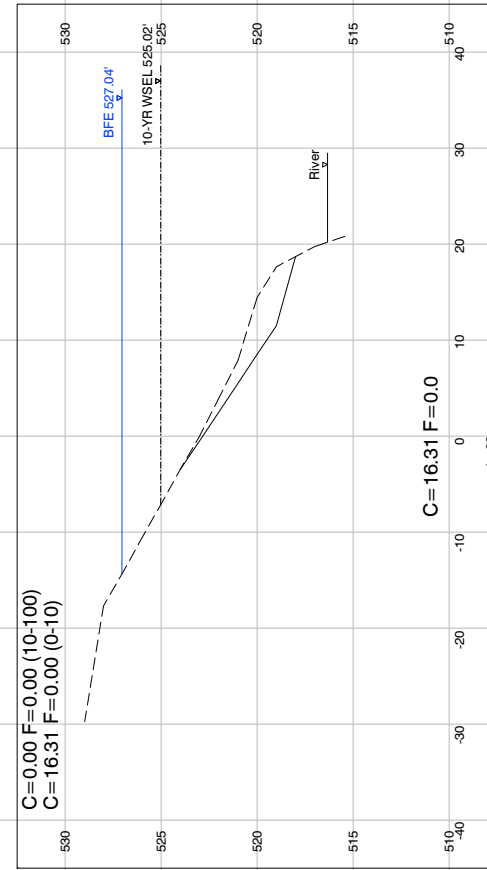
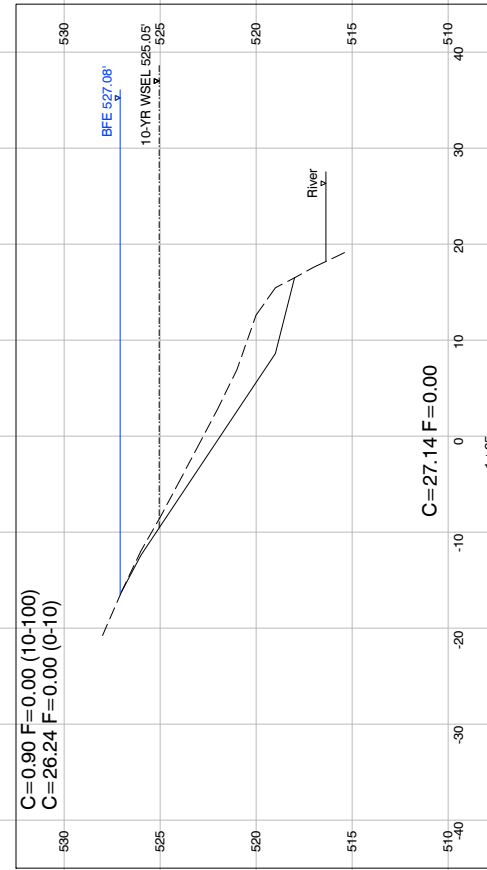
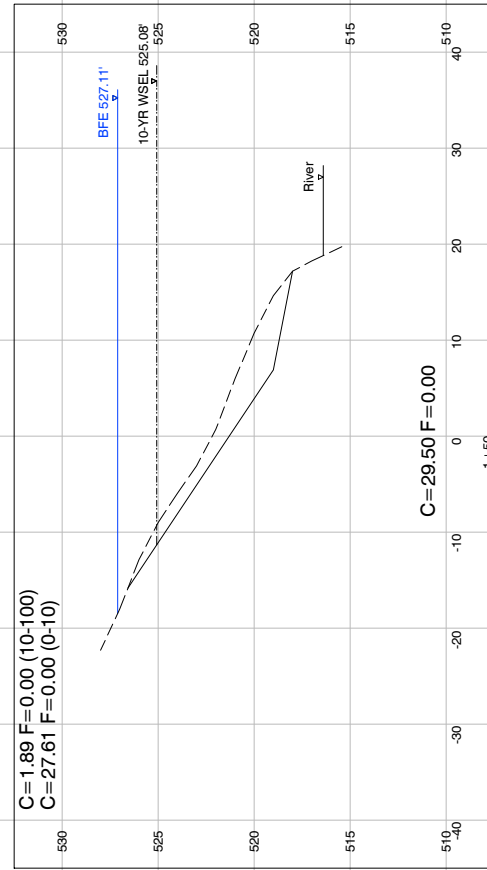
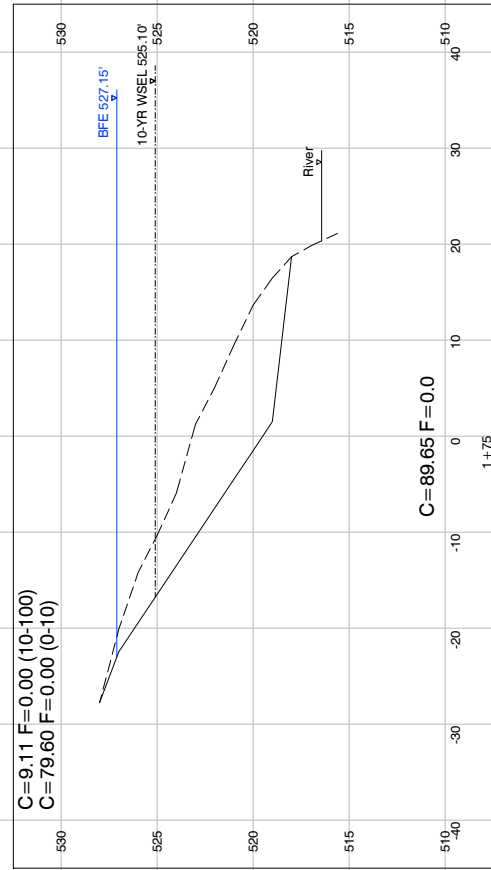
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	45
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 14



# COMPENSATORY STORAGE WEST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT14

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
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PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

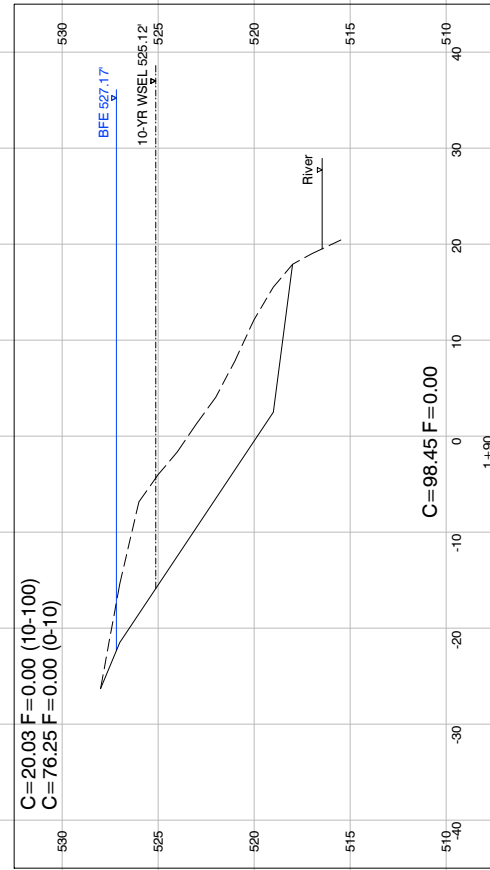
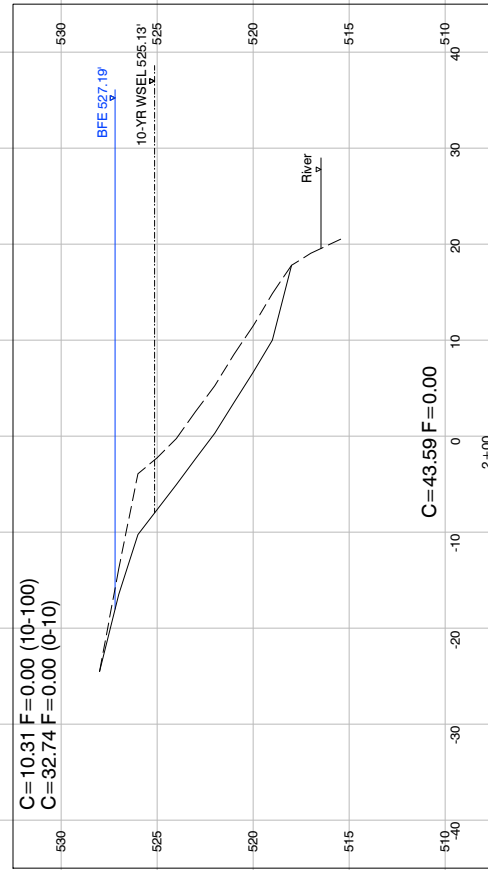
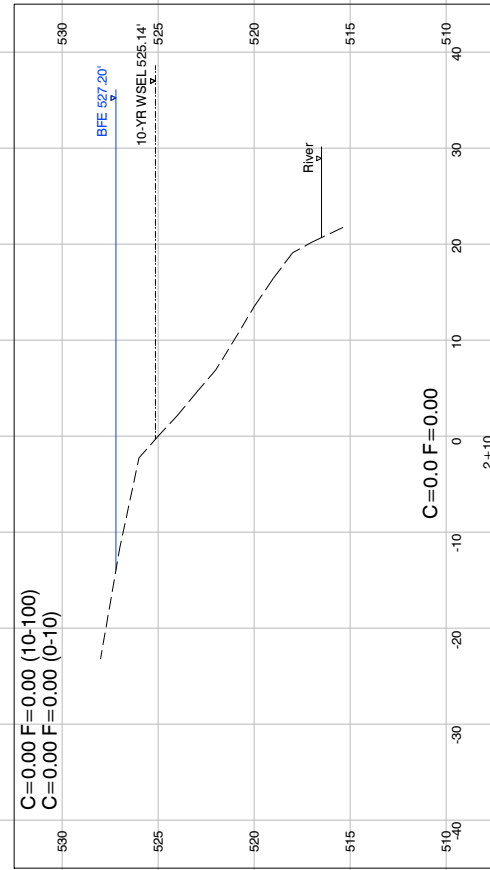
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	46
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 15



## COMPENSATORY STORAGE WEST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT15

USER NAME =	DESIGNED -- JR	REVISED --
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PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

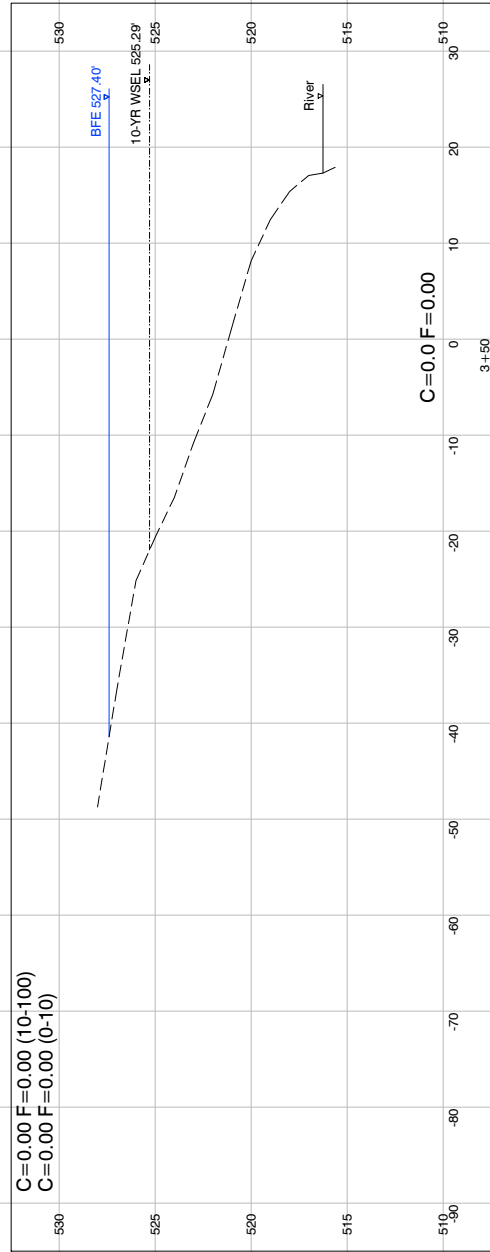
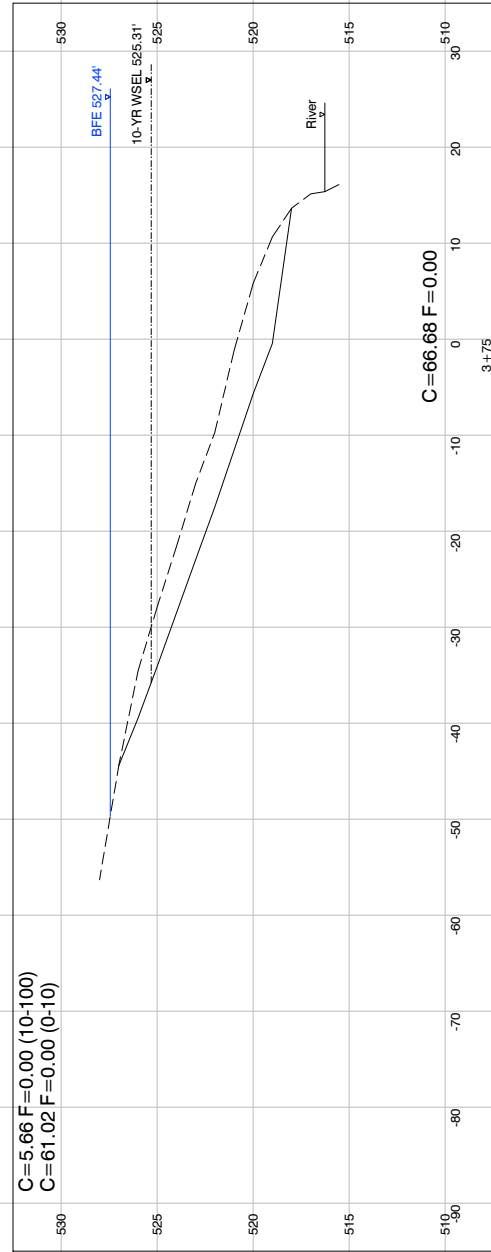
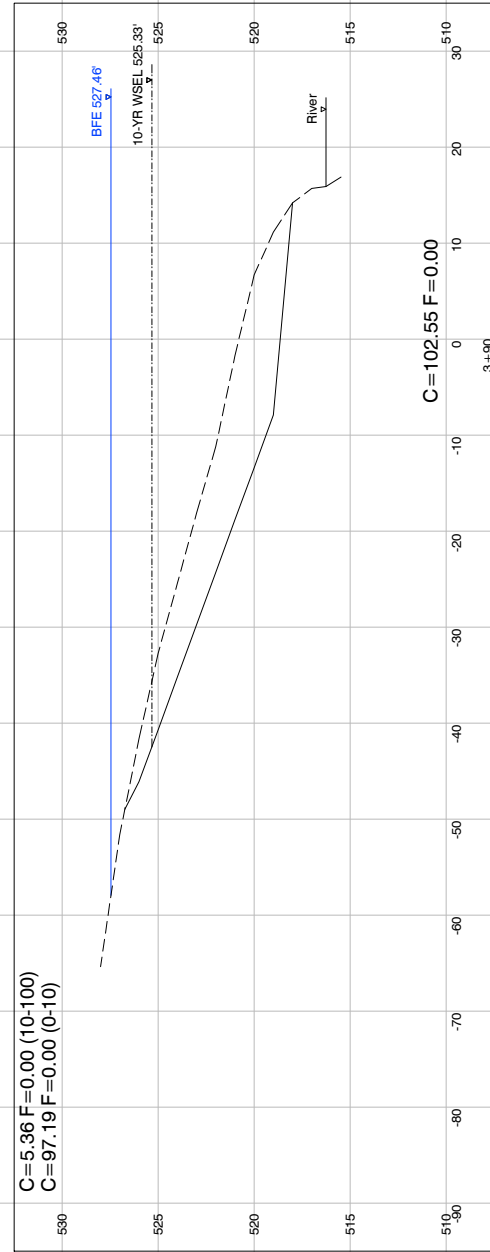
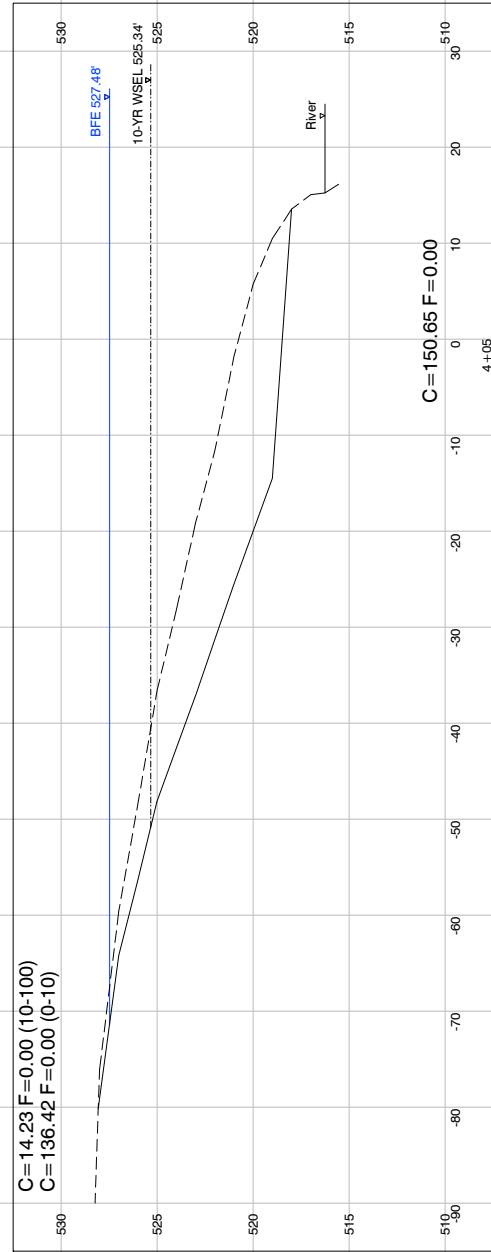
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	47
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 16



## COMPENSATORY STORAGE WEST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT16

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 CHECKED -- WD  
 PLOT SCALE =  
 DRAWN -- S.K./K.W.M.  
 PLOT DATE = 7-8-24  
 CHECKED -- AG

REVISED --  
 REVISED --  
 REVISED --  
 REVISED --

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

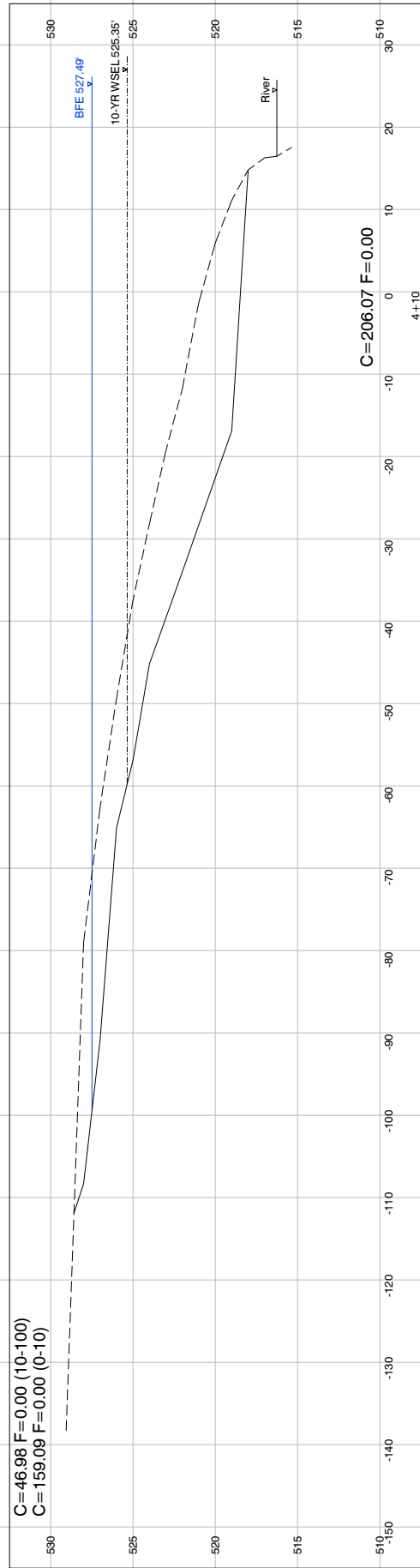
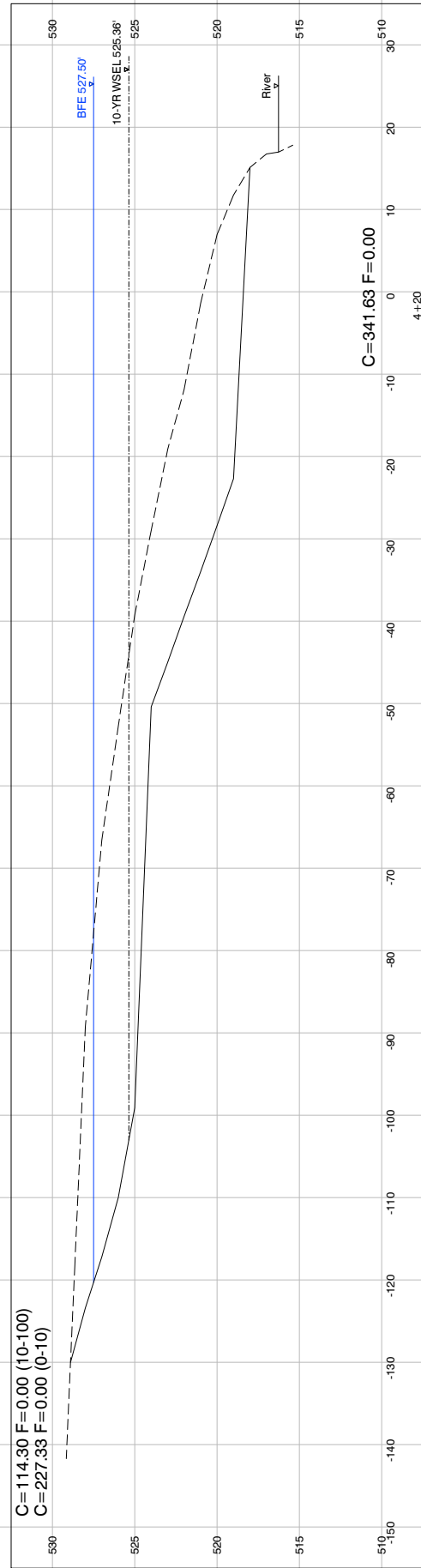
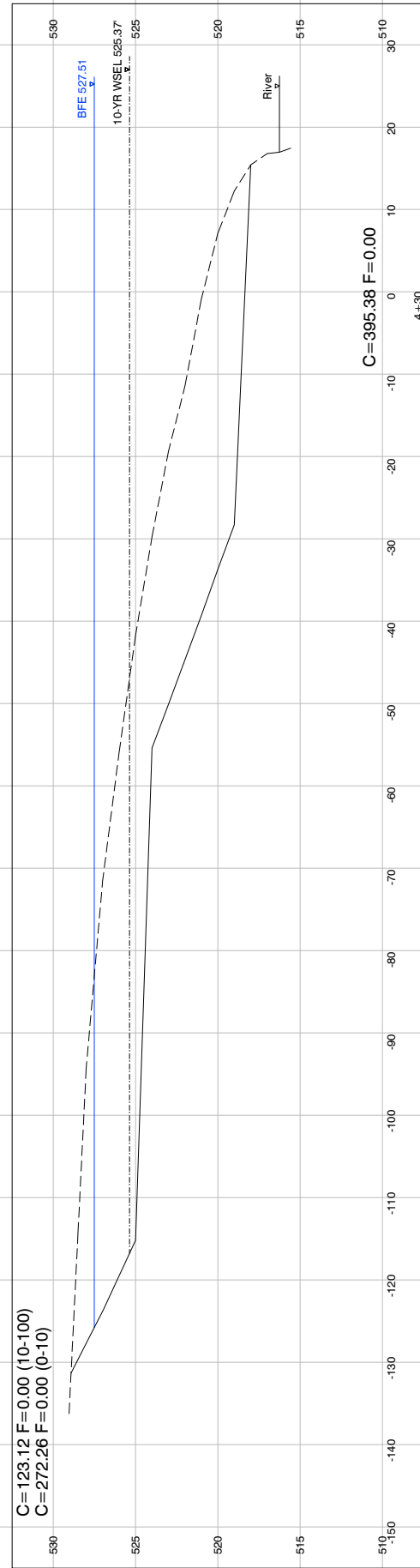
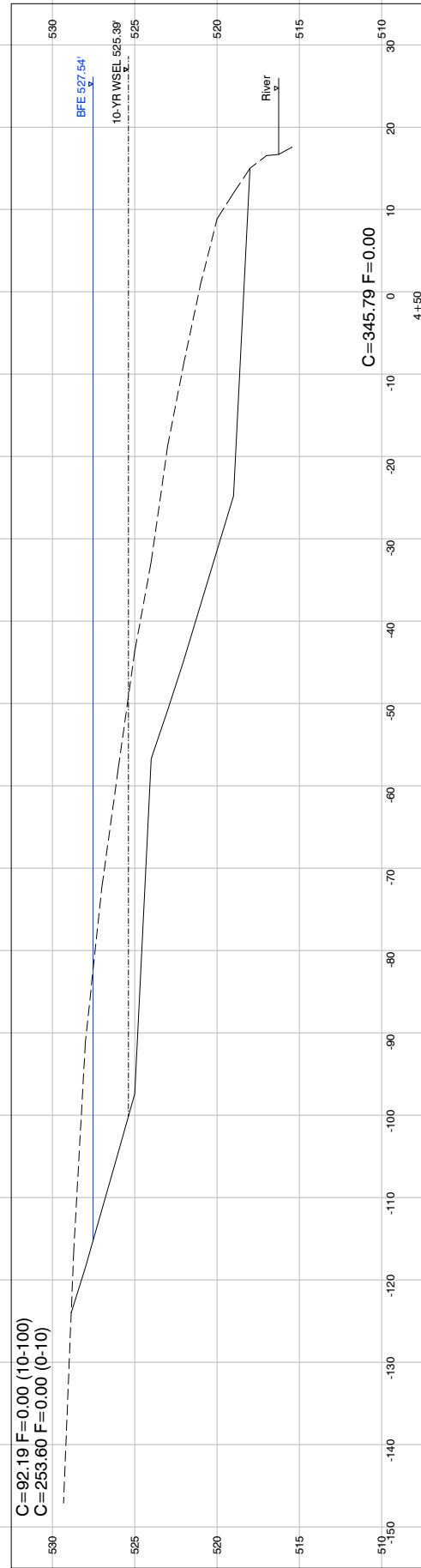
MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
 F.A.U. 0393 (MCEVILLY ROAD)  
 CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	48
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	



# CUT & FILL EXHIBITS SHEET 17



# COMPENSATORY STORAGE EAST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT17

USER NAME =	DESIGNED -- JR	REVISED --
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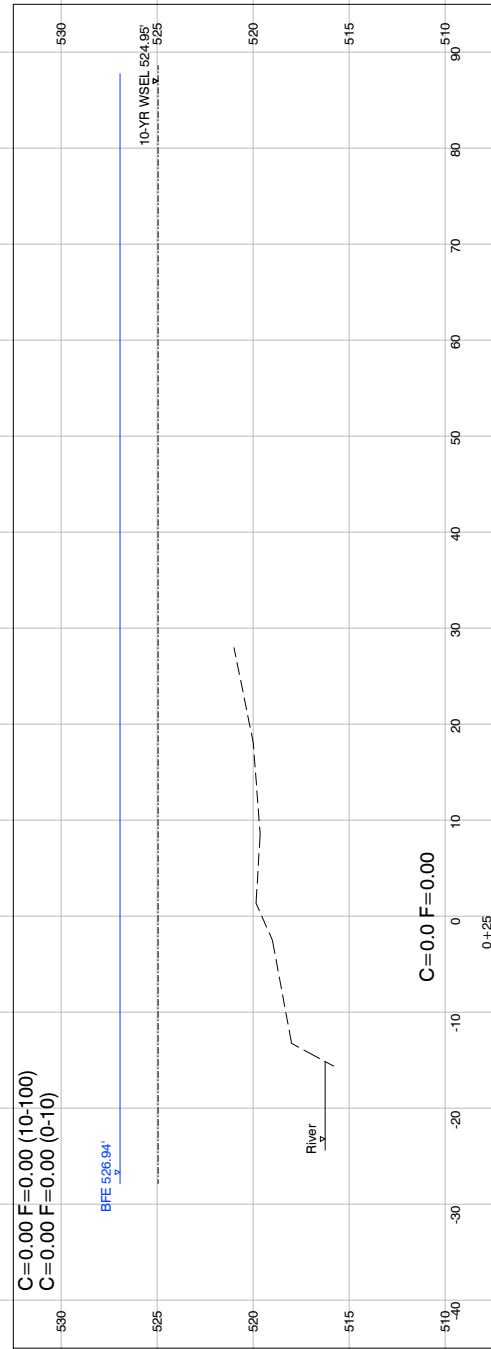
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

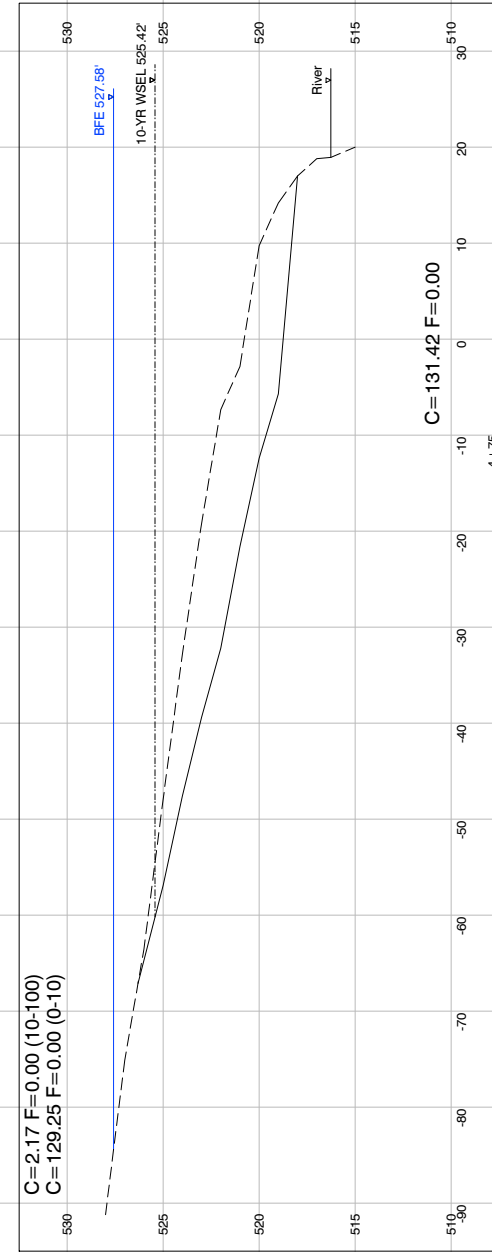
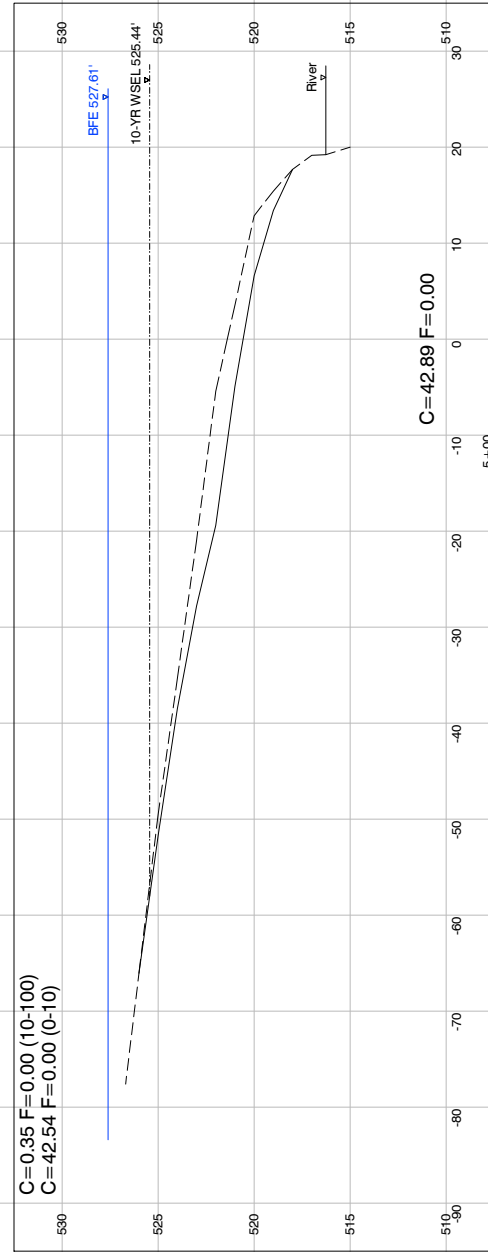
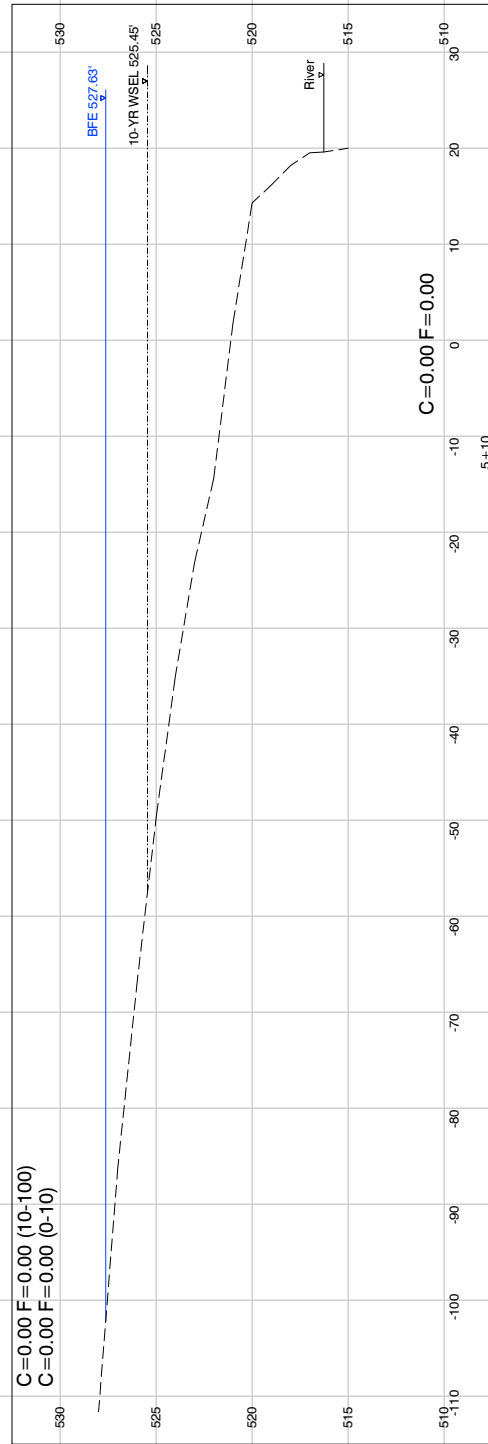
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	49
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 18



COMPENSATORY STORAGE  
EAST SIDE OF BRIDGE



COMPENSATORY STORAGE  
WEST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT18

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- WD	REVISED --
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PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

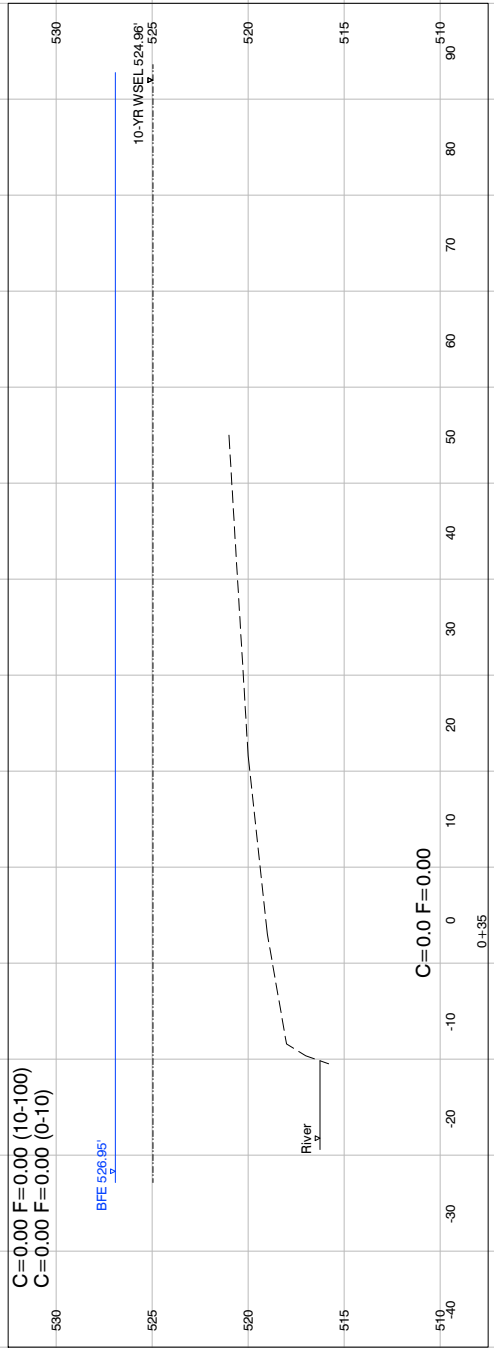
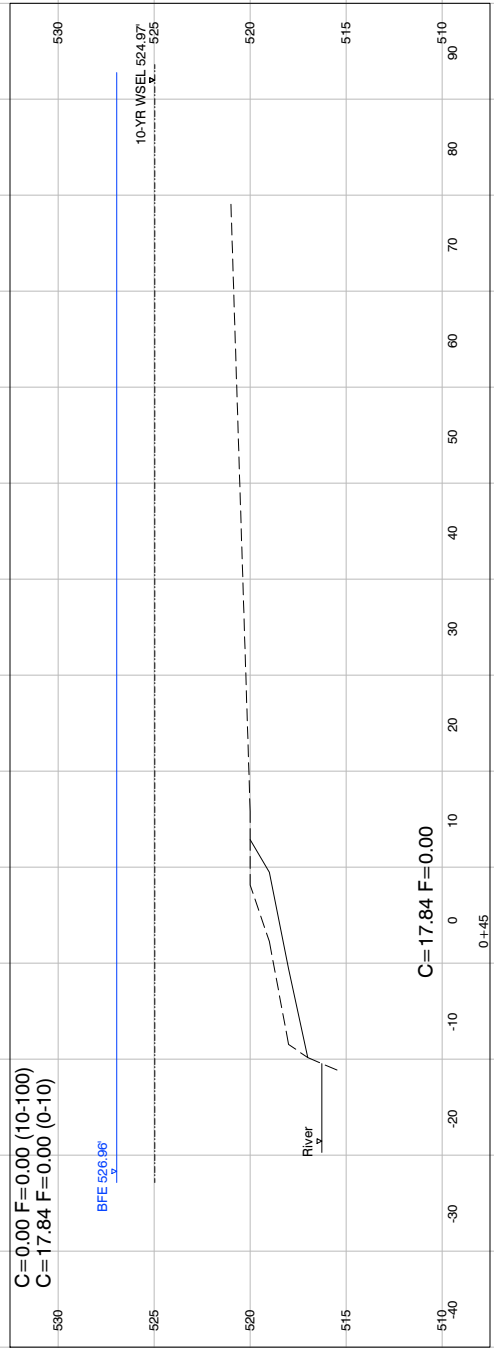
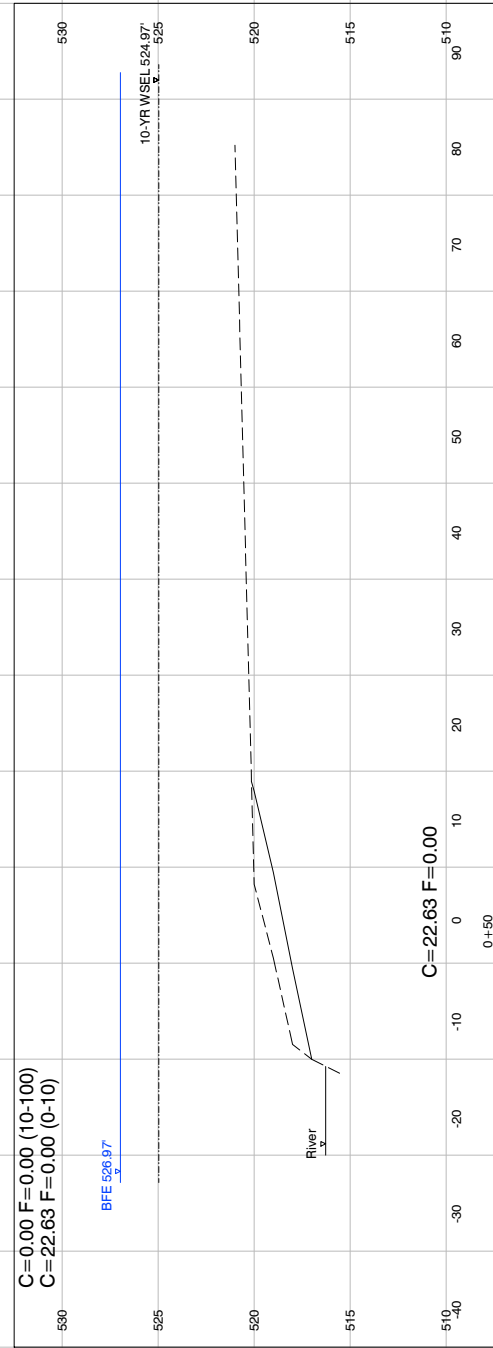
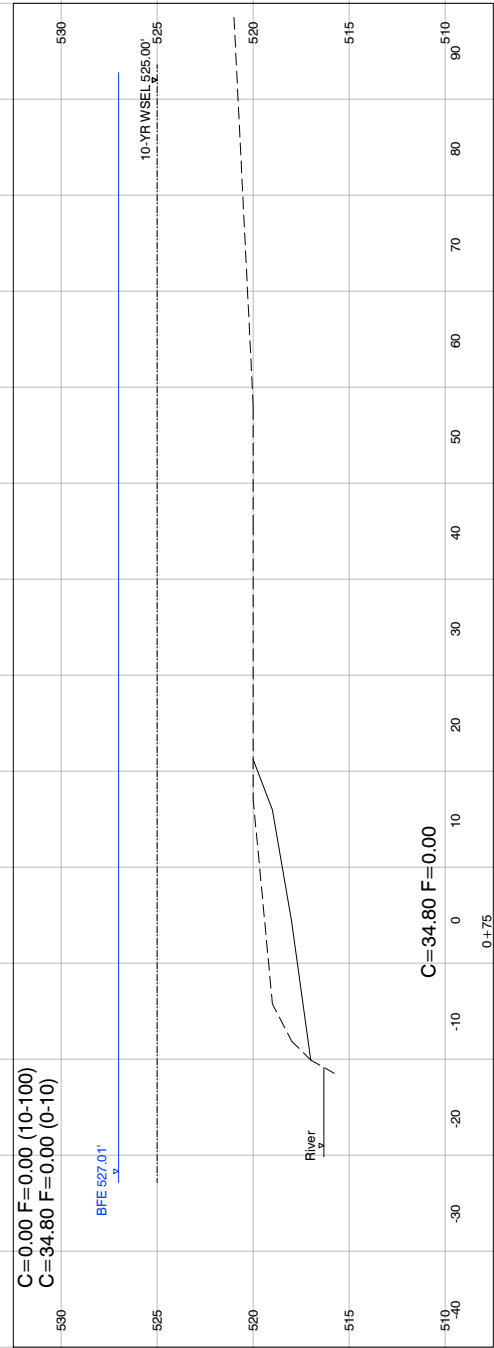
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	50
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 19



# COMPENSATORY STORAGE EAST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT19

USER NAME =	DESIGNED — JR	REVISED —
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PLOT DATE = 7-8-24	CHECKED — AG	REVISED —

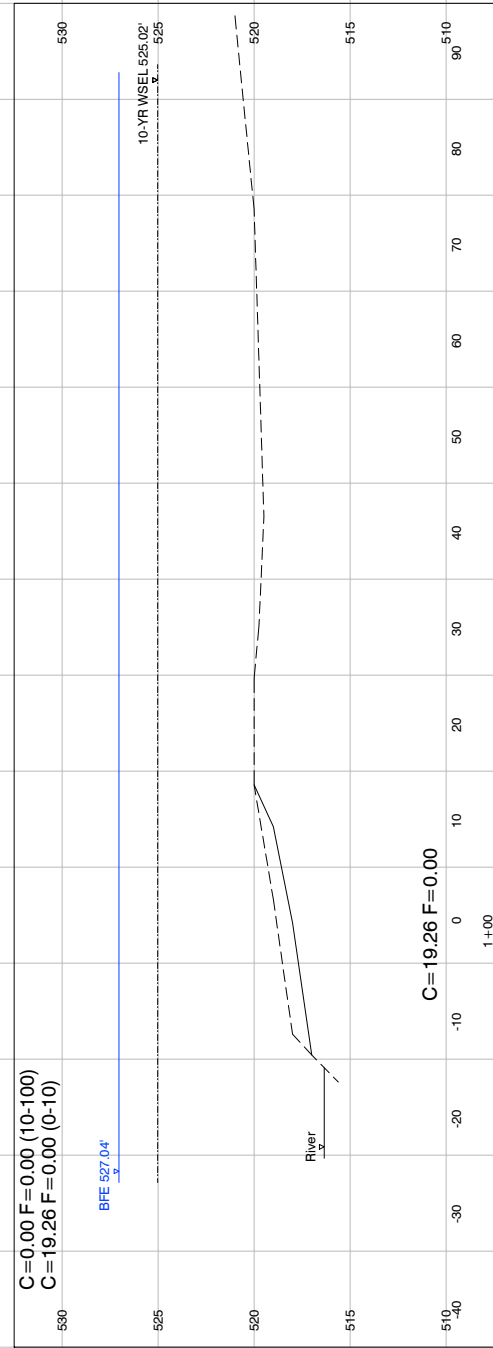
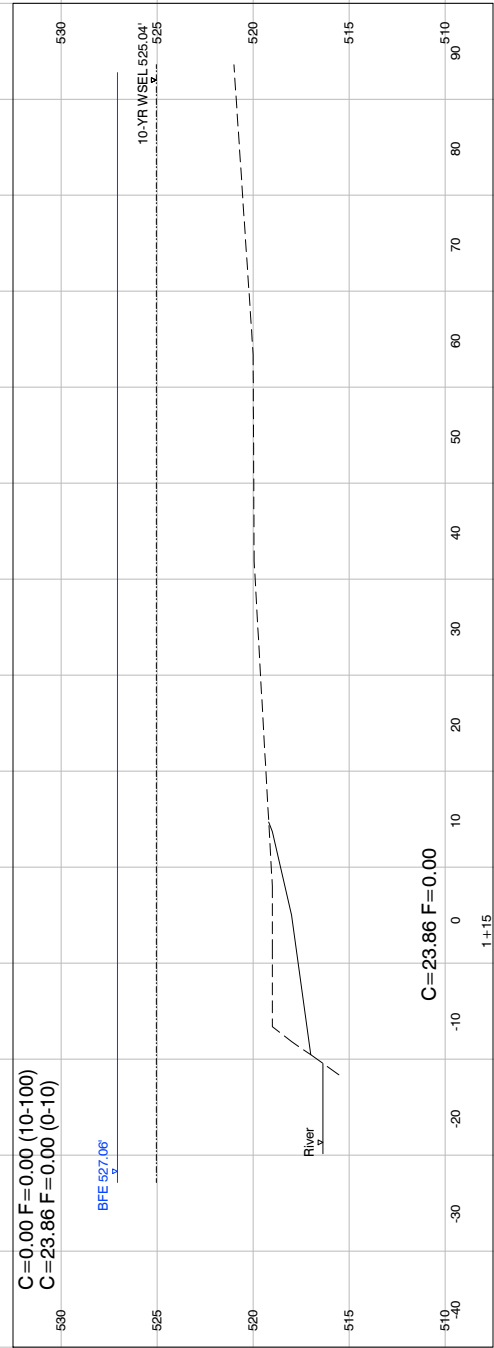
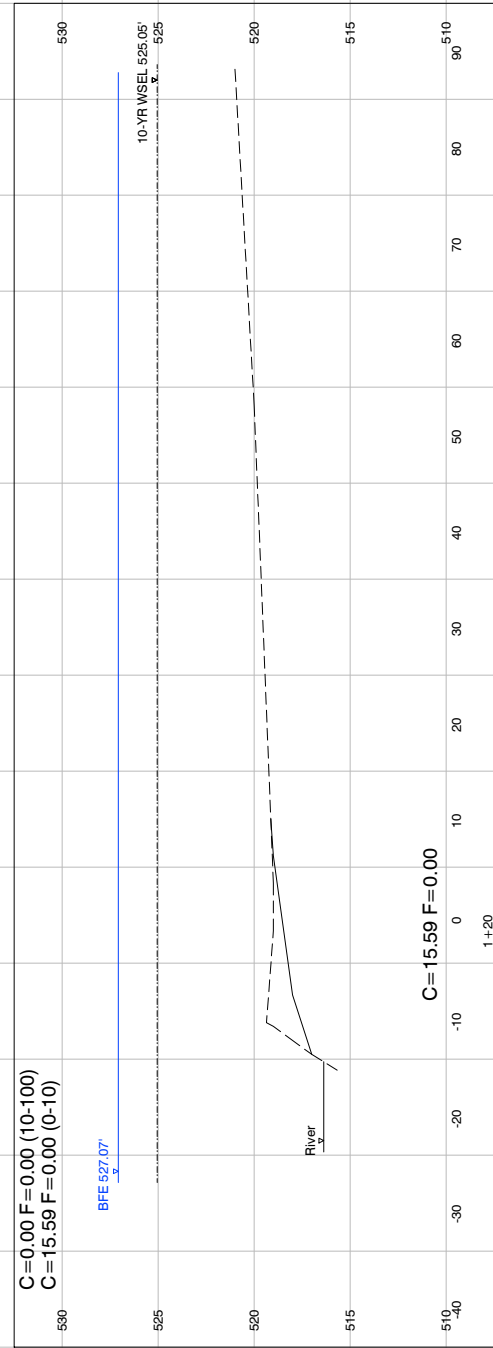
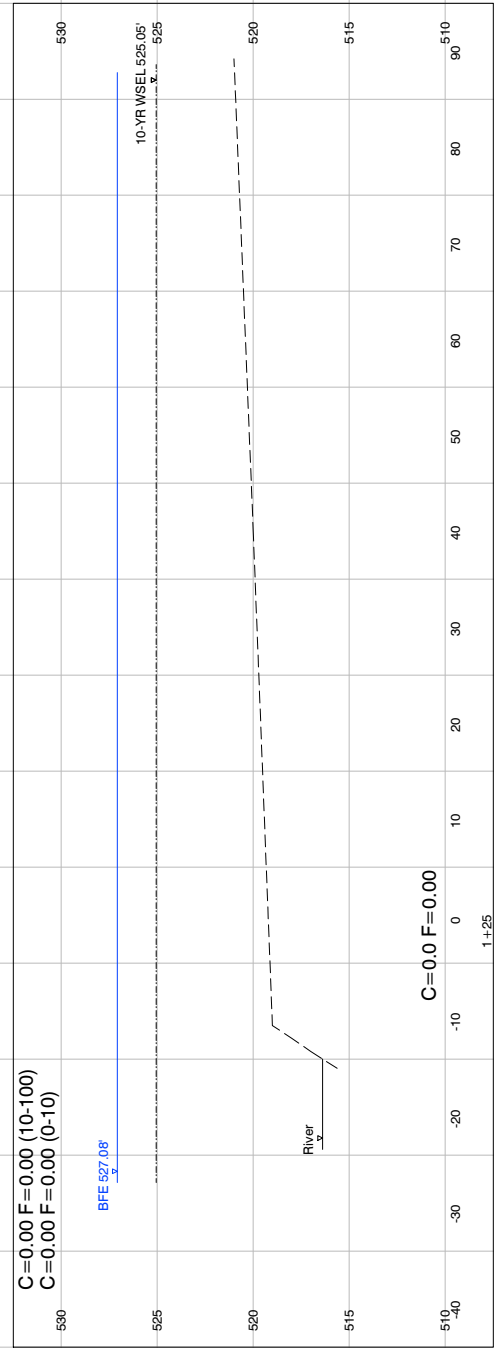
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00 BT	WILL	68	51
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT	E9N8 (383)	

# CUT & FILL EXHIBITS SHEET 20



# COMPENSATORY STORAGE EAST SIDE OF BRIDGE

FILE NAME = 19R0550-EXHB-02 - XSCT20

USER NAME =	DESIGNED -- JR	REVISED --
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PLOT SCALE =	DRAWN -- S.K./K.W.M.	REVISED --
PLOT DATE = 7-8-24	CHECKED -- AG	REVISED --

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MULTI-USE PATH DU PAGE RIVER TO FORD ROAD  
F.A.U. 0393 (MCEVILLY ROAD)  
CUT & FILL EXHIBITS

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

F.A.U. RTE. 393	SECTION 21-00058-00 BT	COUNTY WILL	TOTAL SHEETS 68	SHEET NO. 52
CONTRACT NO. 87840				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT E9N8 (383)				



**GENERAL NOTES**

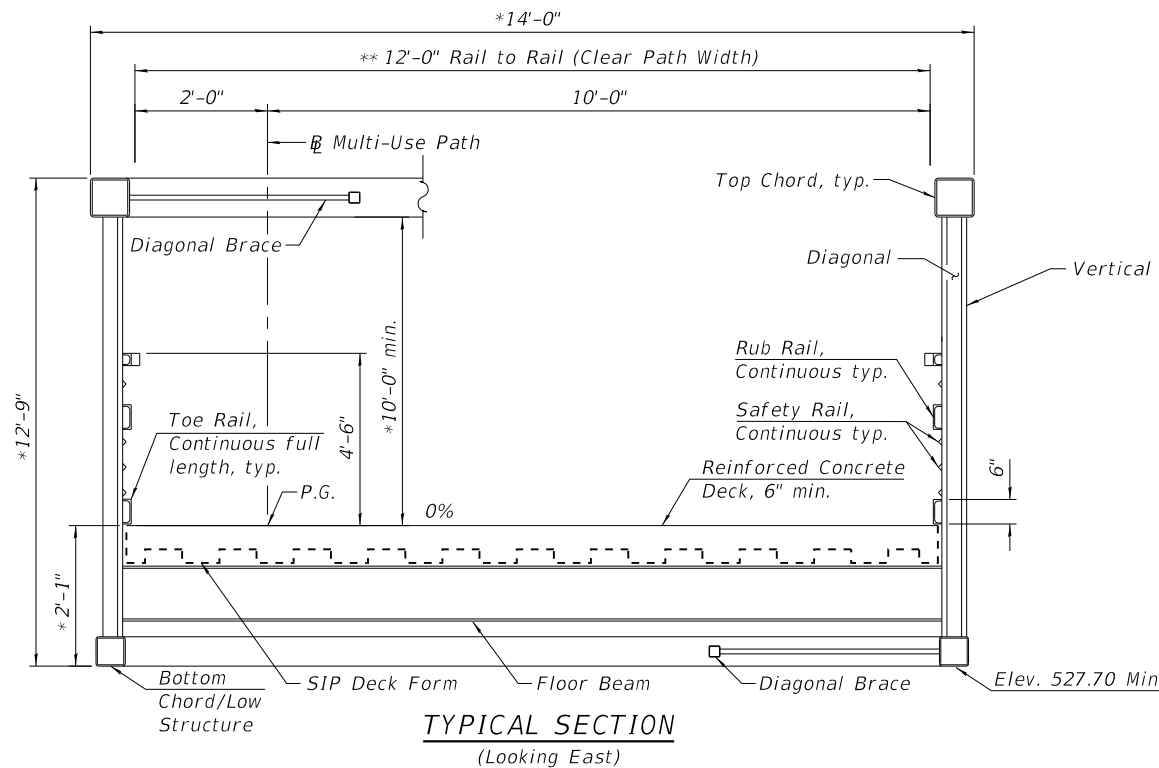
- Fasteners shall be ASTM A325 Type 3 in untreated areas. Bolts as specified by Pedestrian Truss Superstructure manufacturer, unless otherwise noted.
- The Pedestrian Truss Superstructure shall be AASHTO M270 Grade 50W.
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8" (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.
- Concrete Sealer shall be applied to the concrete coping of the retaining wall, front face of the backwall, beam seat, and front face of the abutment at each abutment.
- The structural steel plates of the Bearing Assembly and anchor bolts shall conform to the requirements of AASHTO M270 Grade 50. Bearing plates shall be provided by the Bridge manufacturer cost included in Pedestrian Truss Superstructure.
- Two 1/8" adjusting shims shall be provided for each bearing in addition to all other places or shims.
- All (embedded and separate) bearing plates, side retainers, anchor bolts, nuts, washers, and pintles shall be galvanized according to AASHTO M111 or M232 as applicable.
- Prior to the ordering of materials or forming of the bridge abutments, the Contractor is to verify all dimensions, elevations, and bearing locations for conformance with the Bridge Manufacturer's design with approved shop drawings.
- All top and bottom chord shop splices to be complete penetration type weld.
- Bridge design was based on combination of the following loads which will produce maximum critical member stresses. See Estimated Bridge Reactions Table.
  - A. 90 psf uniform live loading on the full deck area or one 20,000 lb vehicle load on the rear wheels. The wheel track width of the vehicle shall be 6'-0" and the wheel base shall be 14'-0". The vehicle shall be positioned so as to produce the maximum stresses in each member, including decking.
- Protective Coat shall be applied to the bridge deck and approach slabs.
- All exposed concrete edges shall have a 3/4" x 45° chamfer, except where shown otherwise. Chamfer on vertical edges shall be continued a minimum distance of one foot below finished ground level.
- Bars indicated thus 1 x 2-#4 etc. indicates 1 line of bars with 2 lengths per line.

**INDEX OF SHEETS**

S53	General Plan & Elevation
S54	General Notes, BOM, and Cross Section
S55	Approach Slab Plan and Cross Section
S56	Approach Slab Details
S57-S60	Abutment Details
S61	Abutment Drainage Details and Riprap Layout
S62	Retaining Wall Typical Section and Elevation
S63	Coping and Wall Details
S64-S65	Wood Rail Special Details
S66	Pile Details
S67-S68	Soil Borings

**TOTAL BILL OF MATERIAL**

Item	Unit	Quantity
Stone Riprap, Class A4	SQ YD	265
Filter Fabric	SQ YD	265
Structure Excavation	CU YD	121.0
Concrete Structures	CU YD	59.6
Concrete Superstructures	CU YD	48.0
Protective Coat	SQ YD	340
Concrete Superstructure (Approach Slab)	CU YD	17.3
Reinforcement Bars, Epoxy Coated	POUND	23,970
Furnishing Steel Piles HP14X73	F00T	405
Driving Piles	F00T	405
Test Pile Steel HP14X73	EACH	2
Pile Shoes	EACH	11
Name Plates	EACH	1
Permanent Sheet Piling	SQ FT	2,332
Granular Backfill for Structures	CU YD	19
Concrete Sealer	SQ FT	883
Geocomposite Wall Drain	SQ YD	438
Pipe Underdrains for Structures 4"	F00T	40.0
Pipe Underdrains for Structures 6"	F00T	150.0
Pedestrian Truss Superstructure	SQ FT	2,592
Lightweight Cellular Concrete Fill	CU YD	285.9
Wood Rail (Special)	F00T	122.0



**SUPERSTRUCTURE BILL OF MATERIALS**

Bar	No.	Size	Length	Shape
a(E)	215	#5	11'-8"	—
b(E)	264	#6	23'-0"	—
Concrete Superstructures	Cu. Yd.		48.0	
Protective Coat	Sq. Yd.		288	
Reinforcement Bars, Epoxy Coated	Pound		11,740	
Pedestrian Truss Superstructure	Sq. Ft.		2,592	

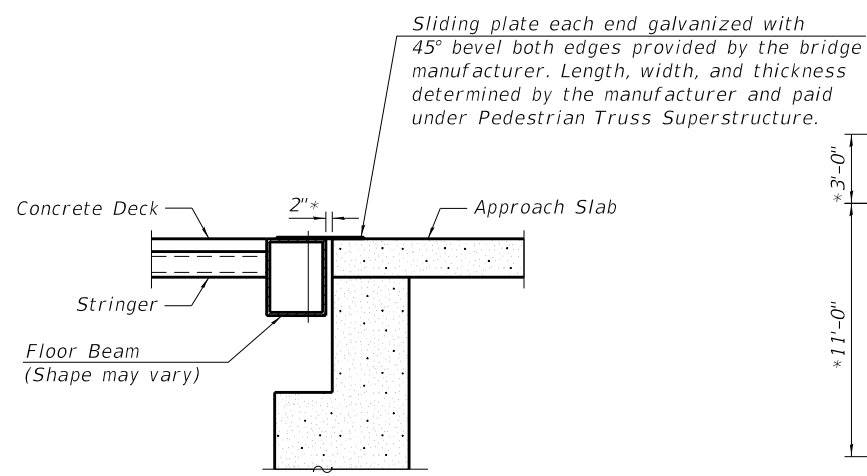
\* Dimension is subject to change based on bridge manufacturer's design. Contractor to verify with approved shop drawings.  
 \*\* Concrete Superstructures, Protective Coat, and Reinforcement Bars, Epoxy Coated quantities are calculated using the 12'-0" clear path width dimension as shown on the typical section. Additional material required for the pouring, reinforcing and protecting of the concrete deck beyond the clear path width shown due to the selected bridge manufacturer's design shall not be measured for additional payment but considered included with the cost of the respective Pay Items.

**ESTIMATED BRIDGE REACTIONS**

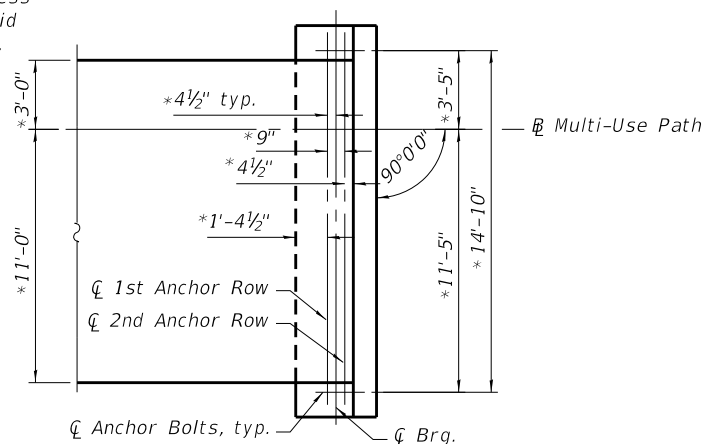
LOAD TYPE	P (lbs.)	H (lbs.)	L (lbs.)
Dead Load	113,000		
Uniform Live Load, 90 psf	60,000		
Vehicle Live Load	10,000		
Wind Uplift, 20 psf	-22,500		
Windward/Leeward	-7,500		
Wind	±33,000	54,000	
Thermal			22,500

P = Vertical load at each base plate (4 per bridge)  
 H = Horizontal at each span end (2 per bridge)  
 L = Longitudinal load at fixed bearing (4 per bridge)

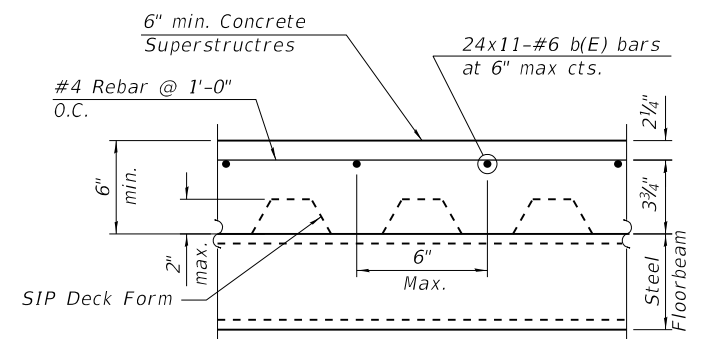
- Notes:
- Values in this table are estimates. Actual values shall be provided by Pedestrian Truss Superstructure manufacturer.
  - "+" indicates downward load  
 - indicates upward load
  - Estimated bridge lifting weight - 216,000 lbs (to be verified by Pedestrian Truss Superstructure manufacturer).



**JOINT SEAL AT ABUTMENTS**



**ABUTMENT ANCHOR BOLT PLAN**



**TYP. SLAB REINFORCEMENT DETAIL**

Note: Number and length of bars detailed were determined using the 12'-0" clear path width dimension as shown on the Typical Section. Adjustments to a(E) bar lengths may be required based on the approved shop drawings. Construction Contractor to coordinate any bar length changes with the Engineer of record as required to maintain clearance.

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**STRAND ASSOCIATES**  
 1170 SOUTH HOUBOLT ROAD  
 JULIET, ILLINOIS 60431  
 (815) 744-4200  
 IDPFR NO. 184-001273

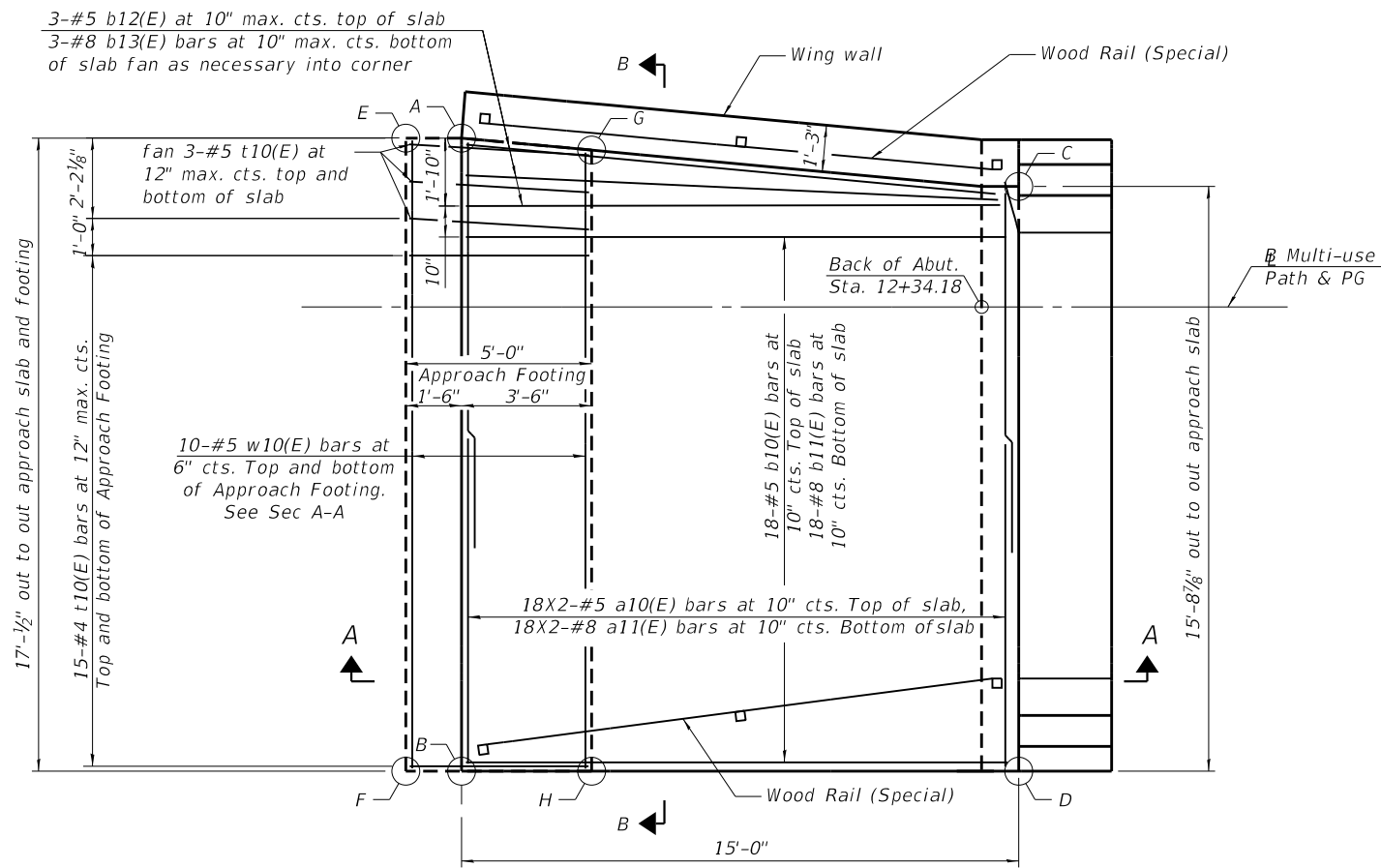
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

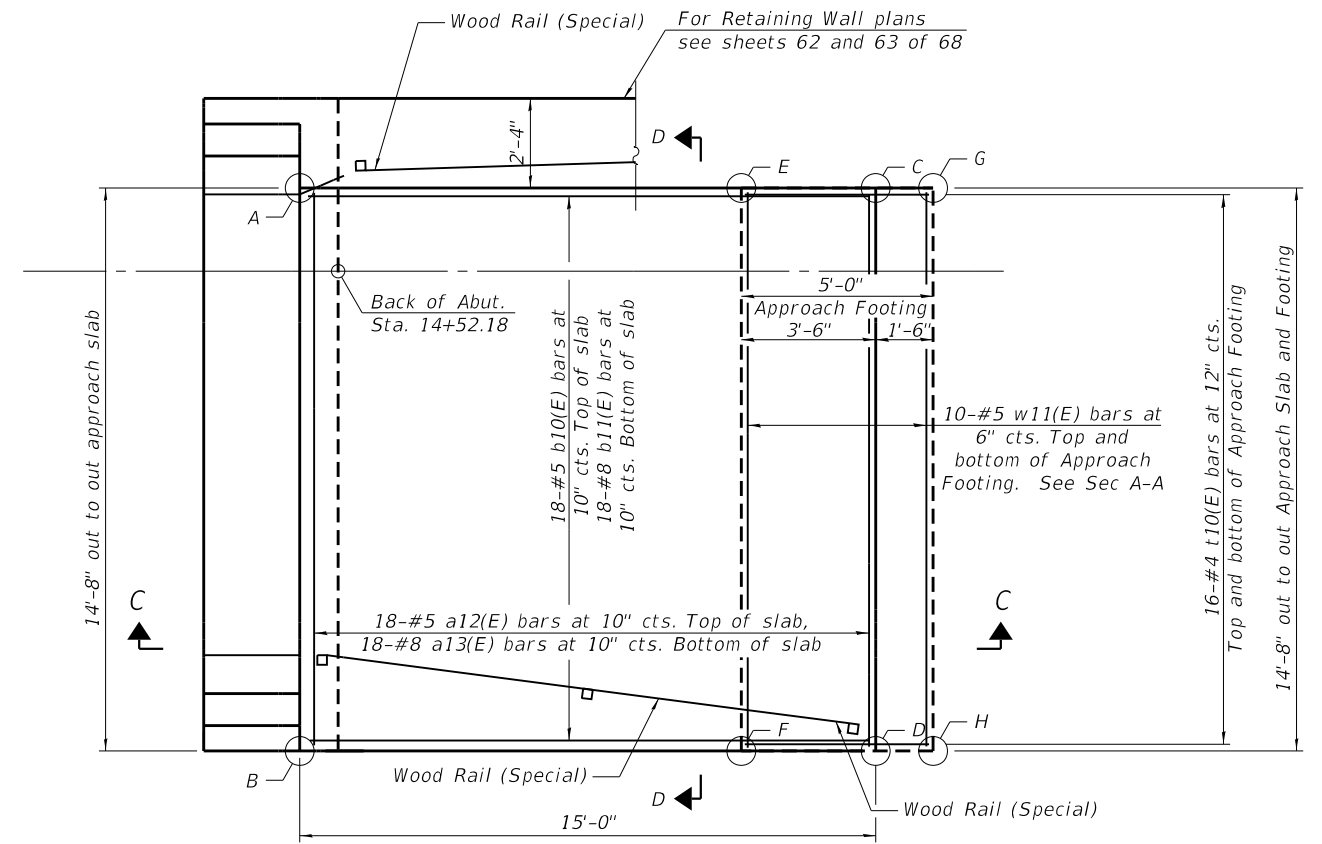
**GENERAL NOTES, BOM, AND CROSS SECTION  
 STRUCTURE NO. SN 099-PO16**

SHEET 54 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	54
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



WEST APPROACH SLAB PLAN AND FOOTING DETAILS



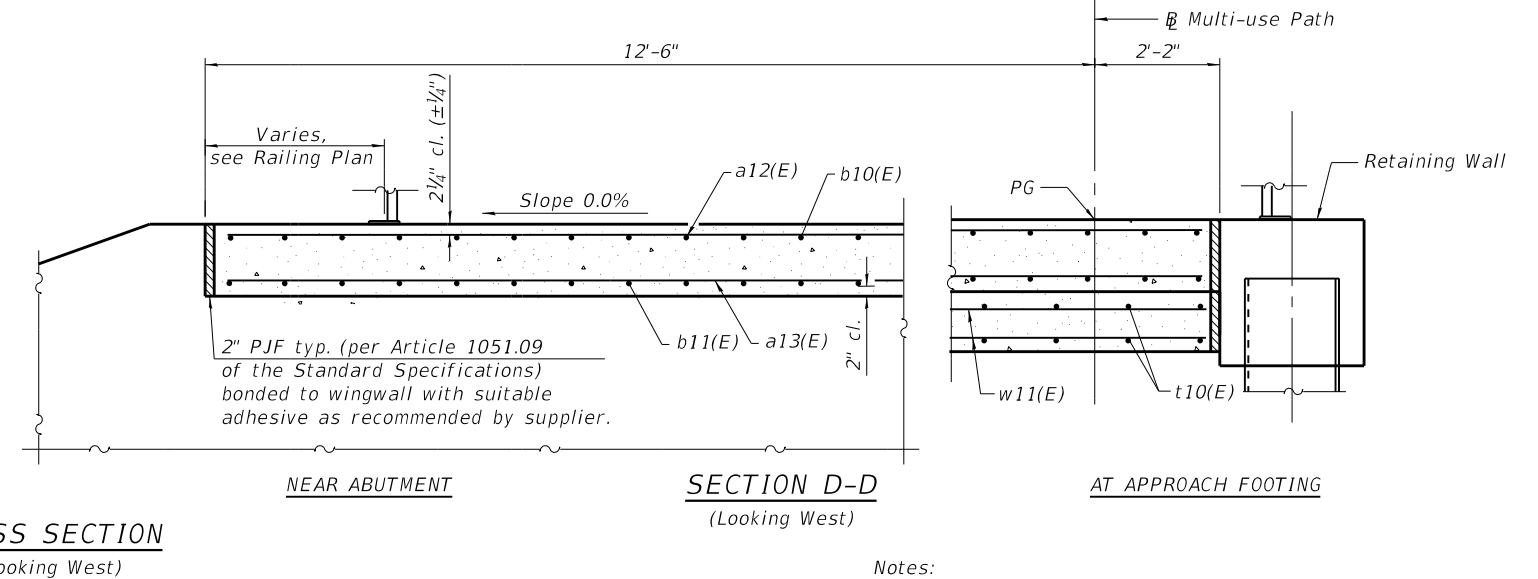
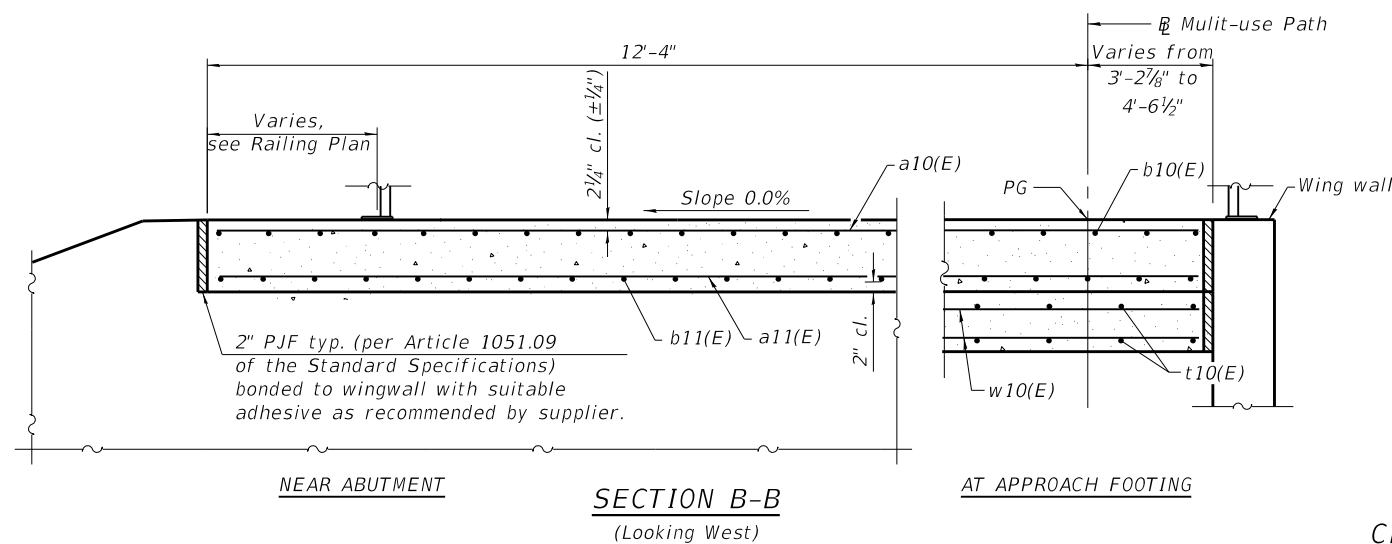
EAST APPROACH SLAB PLAN AND FOOTING DETAILS

MINIMUM BAR LAP

#5 bar = 3'-0"  
#8 bar = 4'-9"

Point/Location	Approach Slab			Footing		
	Sta.	Offset	Elev.	Point/Location	Top	Bottom
A	12+20.18	-4.5417	529.44	E	528.44	527.60
B	12+20.18	12.5	529.44	F	528.42	527.58
C	12+35.18	-3.2396	529.78	G	528.52	527.69
D	12+35.18	12.5	529.78	H	528.52	527.69

Point/Location	Approach Slab			Footing		
	Sta.	Offset	Elev.	Point/Location	Top	Bottom
A	14+51.18	-2.1667	529.78	E	528.26	527.42
B	14+51.18	12.5	529.78	F	528.26	527.42
C	14+66.18	-2.1667	529.09	G	528.02	527.18
D	14+66.18	12.5	529.09	H	528.01	527.18



- Notes:
- For Wood Rail Special details, see sheets 64 and 65 of 68.
  - Bars indicated thus 18X2-#5 etc. indicates 18 lines of bars with 2 lengths per line.

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SA  
STRAND  
ASSOCIATES

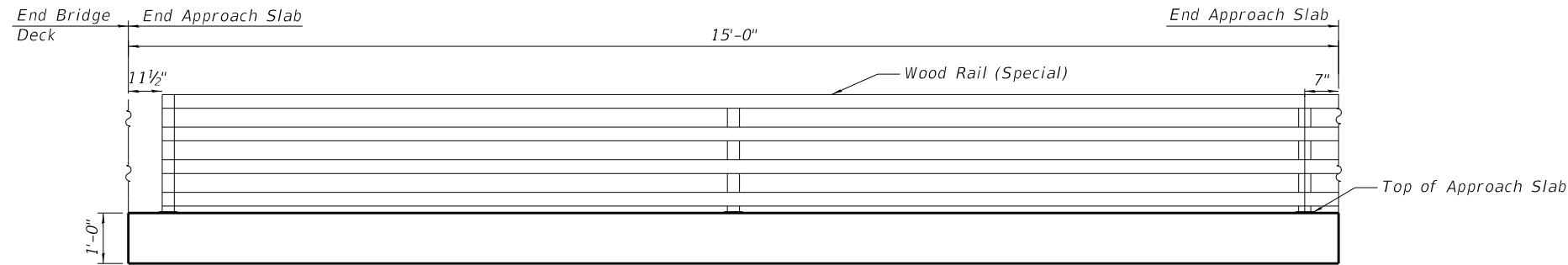
1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200 IDFPR NO. 184-001273	USER NAME =	DESIGNED - JAS	REVISED -
		CHECKED - NDR	REVISED -
	PLOT SCALE =	DRAWN - CIH	REVISED -
	PLOT DATE =	CHECKED - DWK	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROACH SLAB PLAN AND CROSS SECTION  
STRUCTURE NO. SN 099-P016

SHEET 55 OF 68 SHEETS

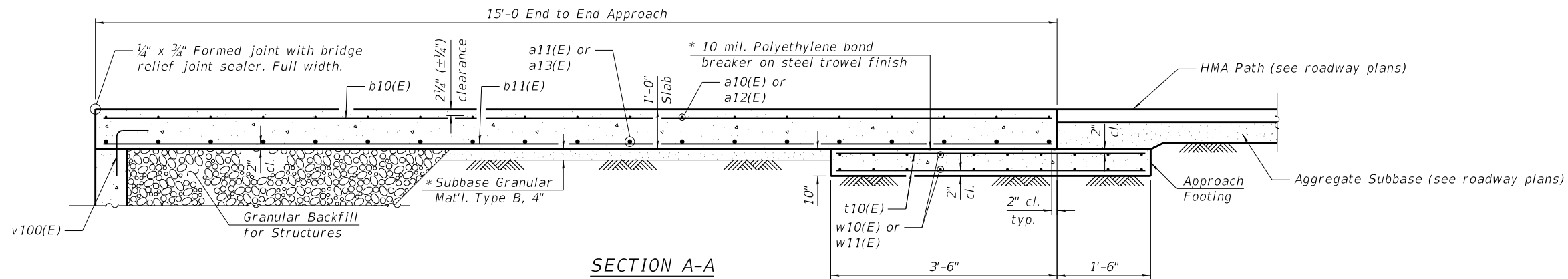
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	55
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



- Notes:
1. Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
  2. Approach footing concrete shall be paid for as Concrete Structures.
  3. Cost of excavation for approach footing included with Concrete Structures.
  4. For Granular Backfill for Structures and drainage treatment details, see sheet 61 of 68.
  5. For Wood Rail Special details, see sheets 64 and 65 of 68.

**INSIDE ELEVATION OF RAILING**

(See sheets 64 and 65 of 68)



- \* Cost included with Concrete Superstructure (Approach Slab).
- \*\* Per manufacturer recommendations

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a10(E)	18	#5	9'-10"	—
a11(E)	18	#8	10'-9"	—
a12(E)	18	#5	14'-4"	—
a13(E)	18	#8	14'-4"	—
b10(E)	36	#5	14'-8"	—
b11(E)	36	#8	14'-8"	—
b12(E)	3	#5	14'-1"	—
b13(E)	3	#8	14'-1"	—
t10(E)	68	#4	4'-8"	—
w10(E)	20	#5	16'-9"	—
w11(E)	20	#5	14'-4"	—
Concrete Structures			Cu. Yd.	4.9
Protective Coat			Sq. Yd.	52
Concrete Superstructure (Approach Slab)			Cu. Yd.	17.3
Reinforcement Bars, Epoxy Coated			Pound	5,340

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**SA STRAND ASSOCIATES**  
1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
IDFPR NO. 184-001273

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	CHECKED - NDR	REVISED -
PLOT SCALE =	DRAWN - CIH	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

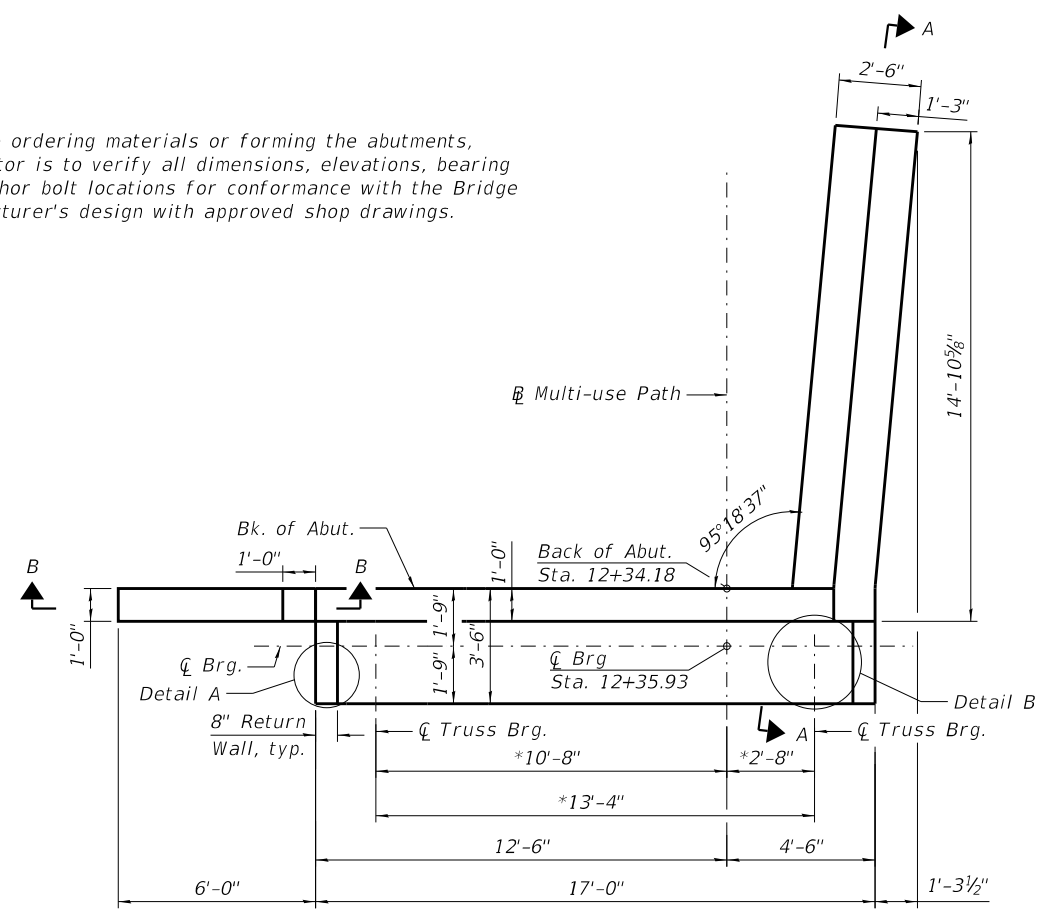
**BRIDGE APPROACH SLAB DETAILS  
STRUCTURE NO. SN 099-PO16**

SHEET 56 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	56
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



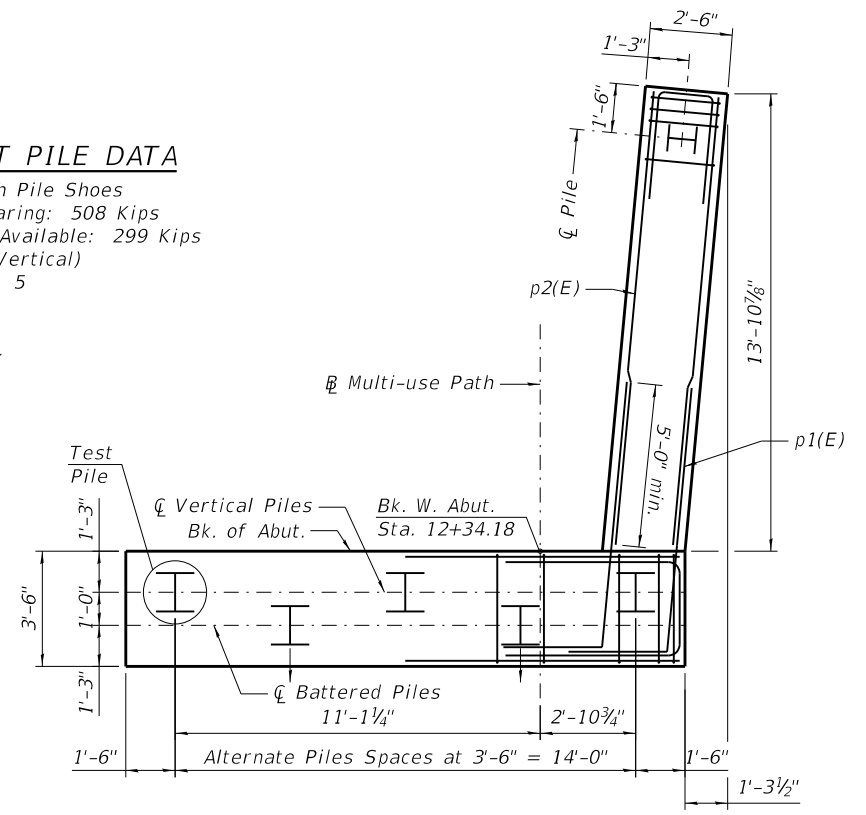
\* Prior to ordering materials or forming the abutments, Contractor is to verify all dimensions, elevations, bearing and anchor bolt locations for conformance with the Bridge Manufacturer's design with approved shop drawings.



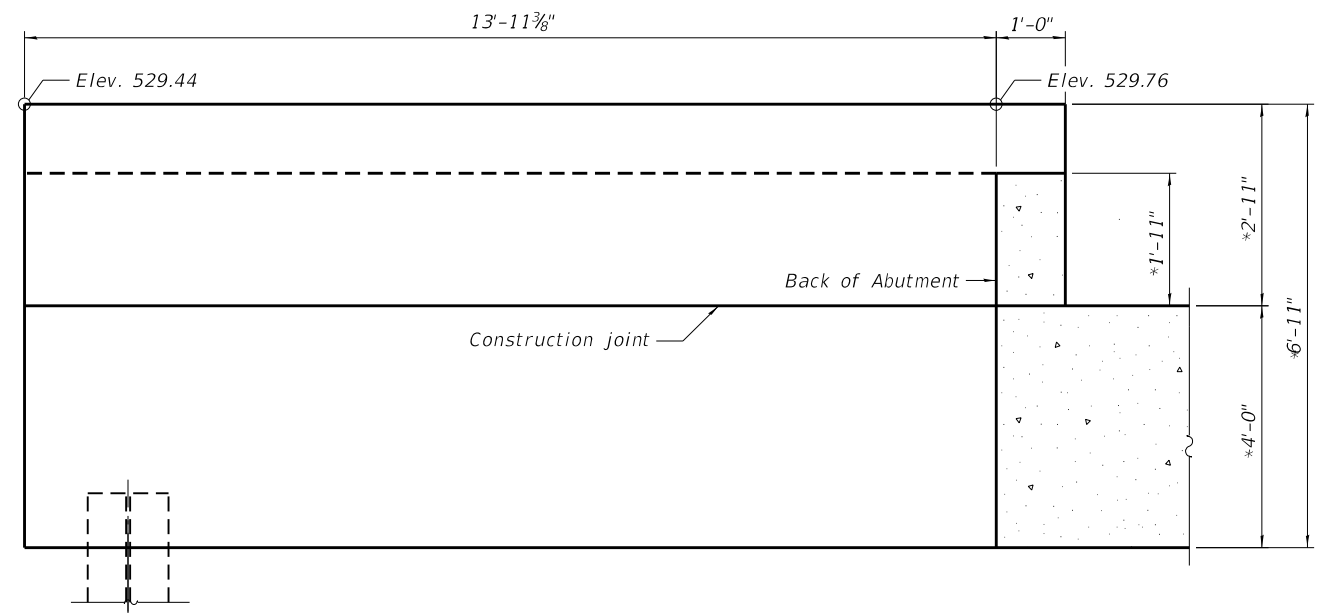
WEST ABUTMENT PLAN

**WEST ABUTMENT PILE DATA**

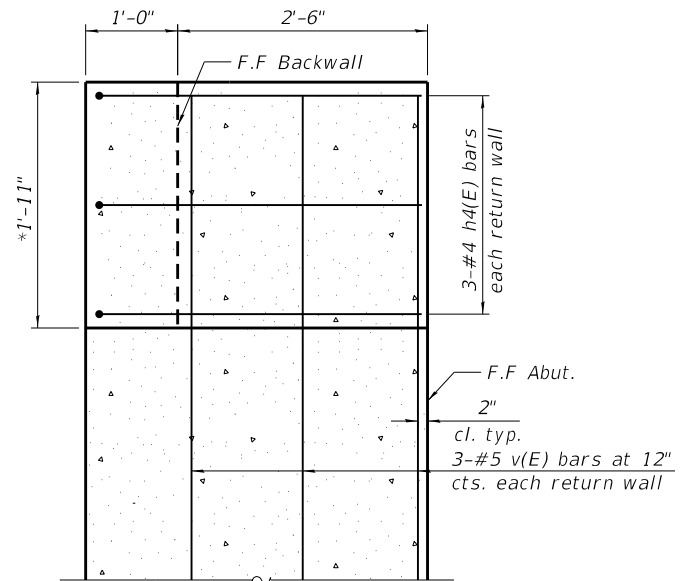
Type: HP 14X73 with Pile Shoes  
 Nominal Required Bearing: 508 Kips  
 Factored Resistance Available: 299 Kips  
 Est. Length: 45 ft. (Vertical)  
 No. Production Piles: 5  
 No. Test Piles: 1  
 Batter: 4H:12V  
 Direction of Batter: ↓



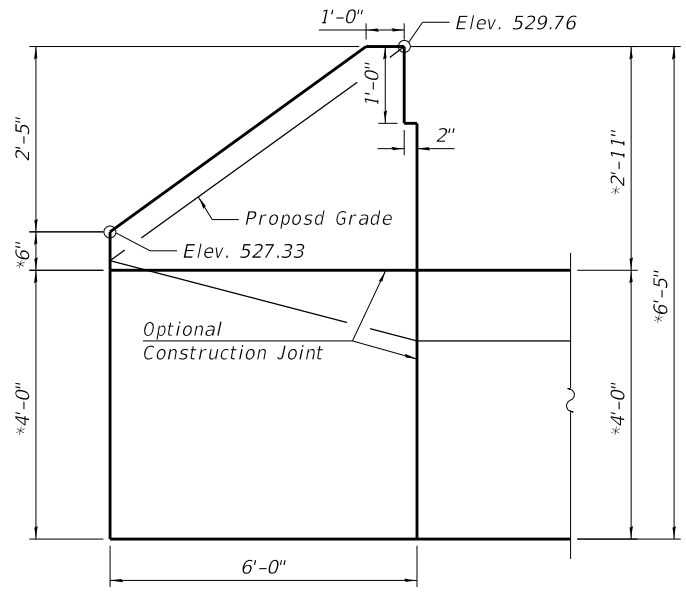
WEST ABUTMENT PILE CAP PLAN  
 (Showing pile layout)



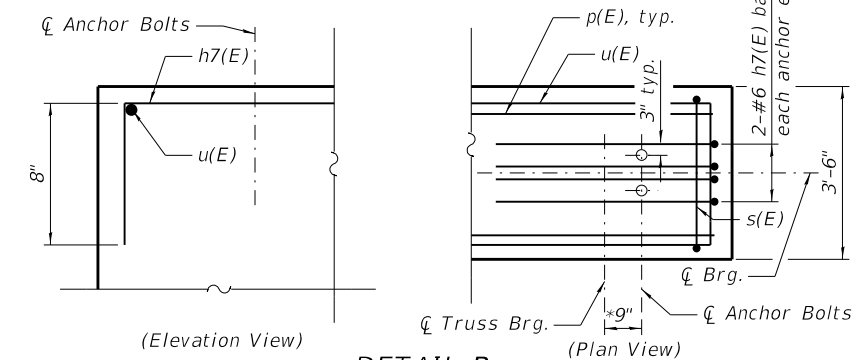
SECTION A-A  
 (Showing dimensions)



DETAIL A  
 Abutment rebar not shown for clarity



SECTION B-B  
 (Showing dimensions)



DETAIL B  
 Backwall not shown for clarity

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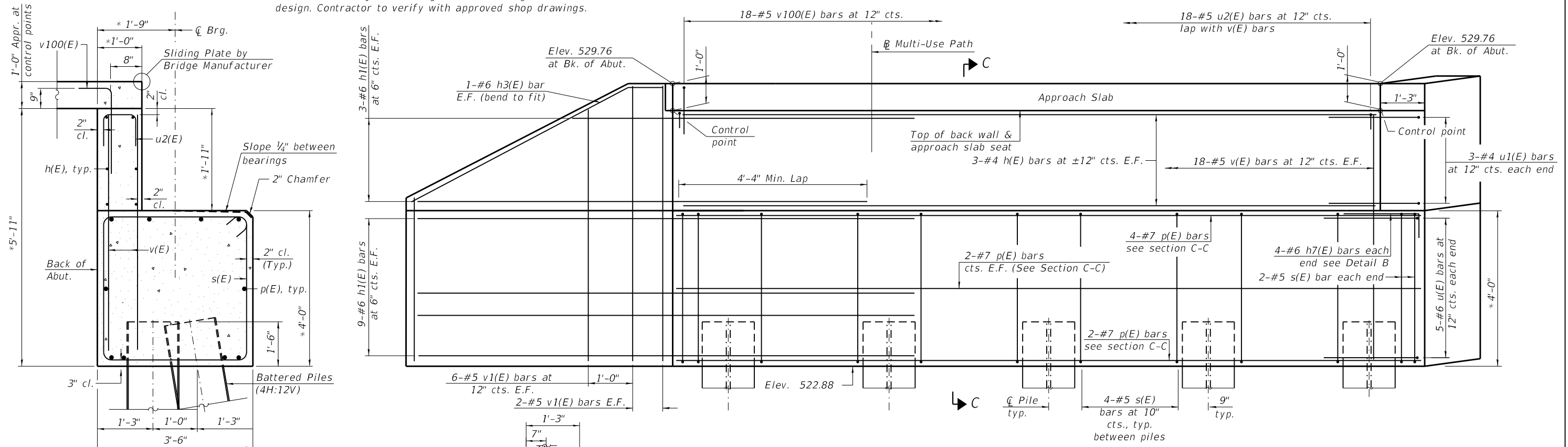
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT PLAN AND ELEVATION (1 OF 2)  
 STRUCTURE NO. SN 099-PO16

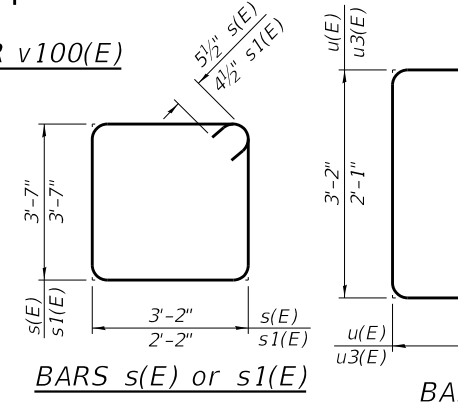
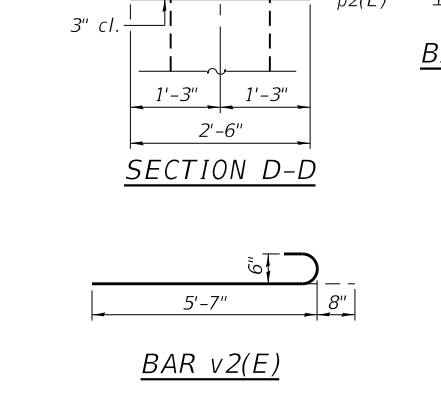
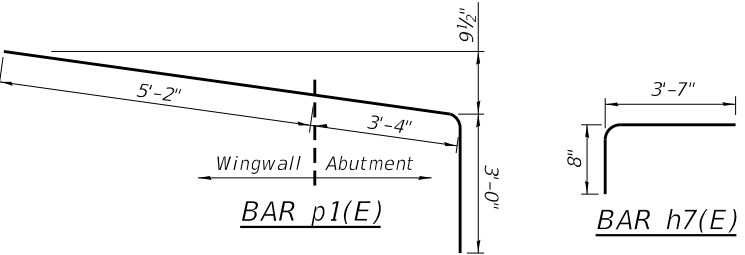
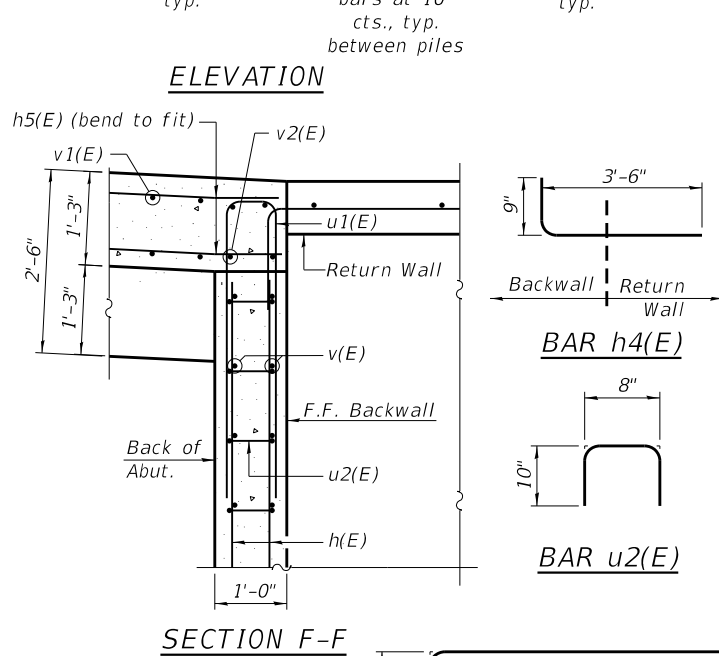
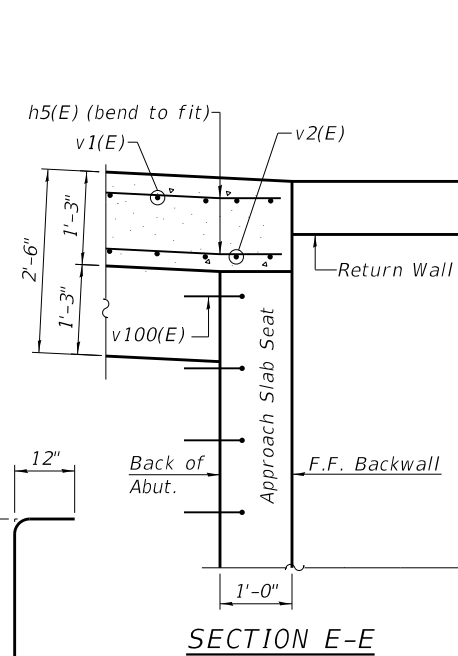
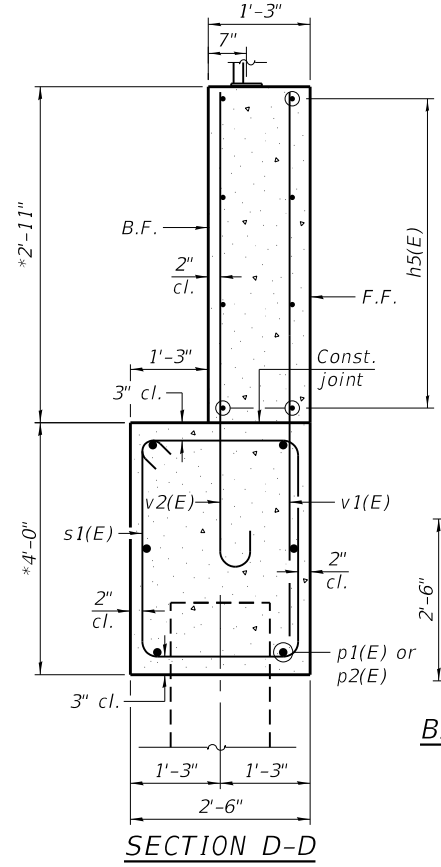
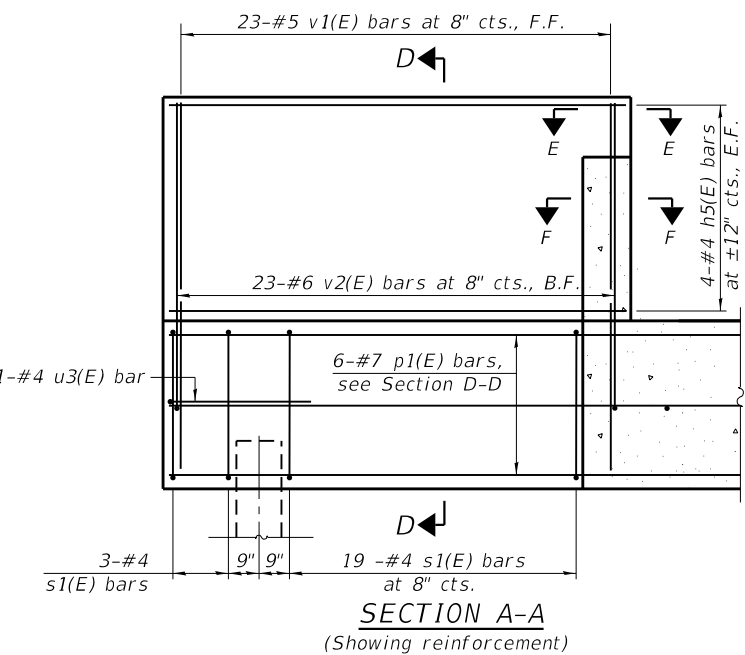
SHEET 57 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	57
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				

\* Dimension is subject to change based on bridge manufacturer's design. Contractor to verify with approved shop drawings.



**SECTION C-C**  
h7(E) bars not shown, see detail B



**WEST ABUTMENT  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	6	#4	16'-8"	—
h1(E)	24	#6	10'-4"	—
h3(E)	2	#6	6'-3"	—
h4(E)	6	#4	3'-11"	┌
h5(E)	8	#4	14'-8"	—
h7(E)	8	#6	4'-3"	┌
p(E)	8	#7	16'-8"	—
p1(E)	6	#7	11'-6"	┌
p2(E)	6	#7	13'-8"	—
s(E)	20	#5	14'-5"	□
s1(E)	22	#4	12'-3"	□
u(E)	10	#6	11'-10"	┌
u1(E)	6	#4	9'-0"	┌
u2(E)	18	#4	2'-4"	┌
u3(E)	1	#4	7'-11"	┌
v(E)	42	#5	5'-7"	—
v1(E)	39	#5	6'-7"	—
v2(E)	23	#6	6'-3"	┌
v100(E)	18	#5	3'-6"	┌
Structure Excavation		Cu. Yd.	47	
Concrete Structures		Cu. Yd.	18.9	
Reinforcement Bars, Epoxy Coated		Pound	2,820	
Furnishing Steel Piles 14X73		Foot	225	
Driving Piles		Foot	225	
Test Pile Steel HP14x73		Each	1.0	
Pile Shoes		Each	6	
Concrete Sealer		Sq. Ft.	144	

- Notes:
- Space reinforcement in cap to miss anchor bolts.
  - For details of piles see sheet 66 of 68.
  - For Wood Rail Special details, see sheet 64 and 65 of 68.
  - Concrete Sealer shall be applied to the bearing seat, front face of the back wall and abutment.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT PLAN AND ELEVATION (2 OF 2)  
STRUCTURE NO. SN 099-PO16

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	58

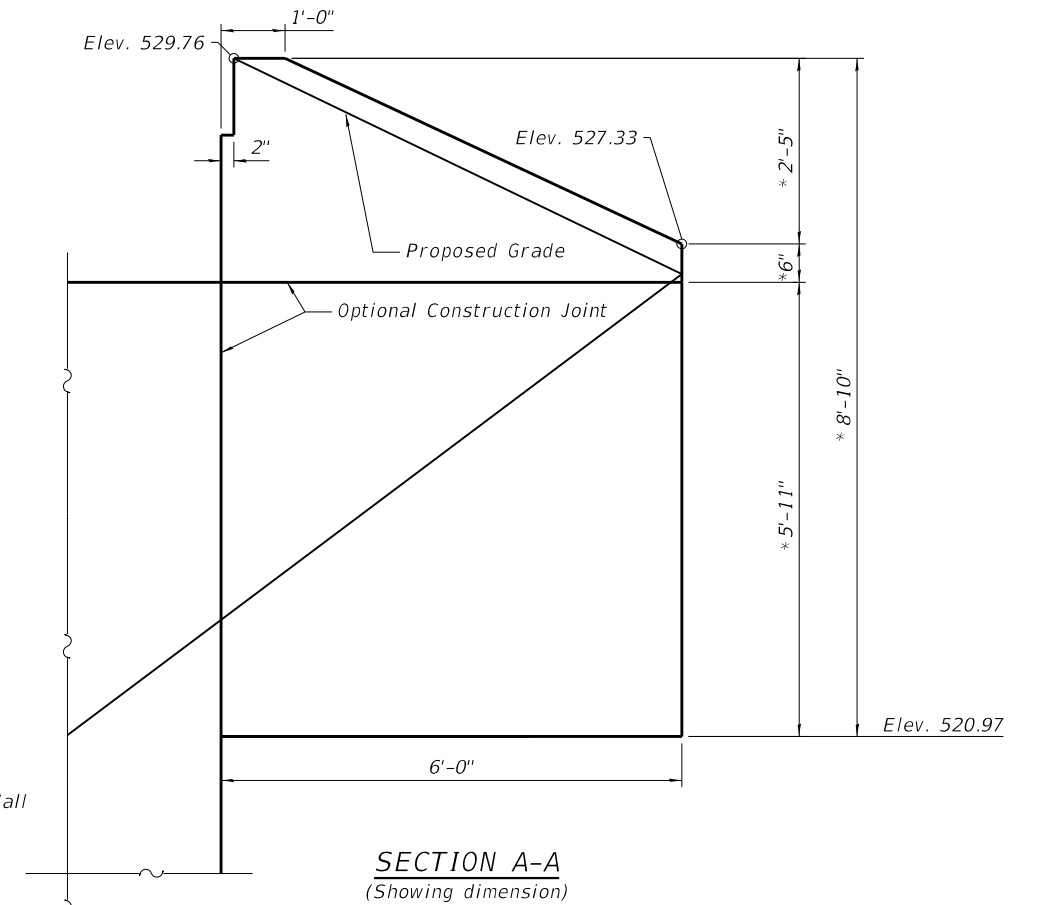
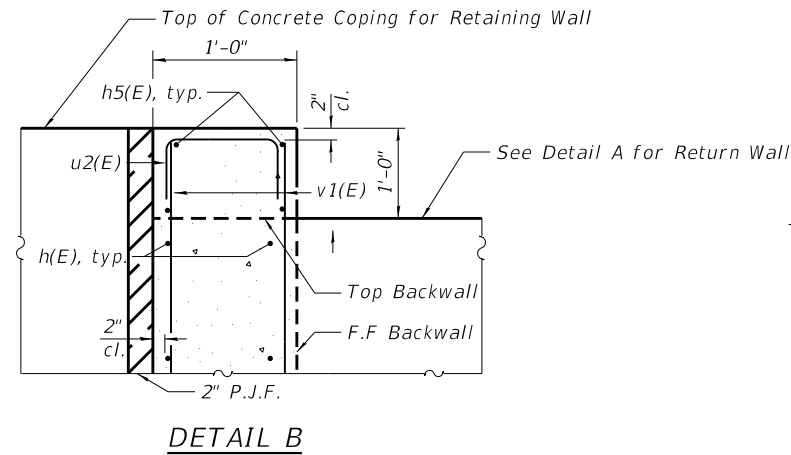
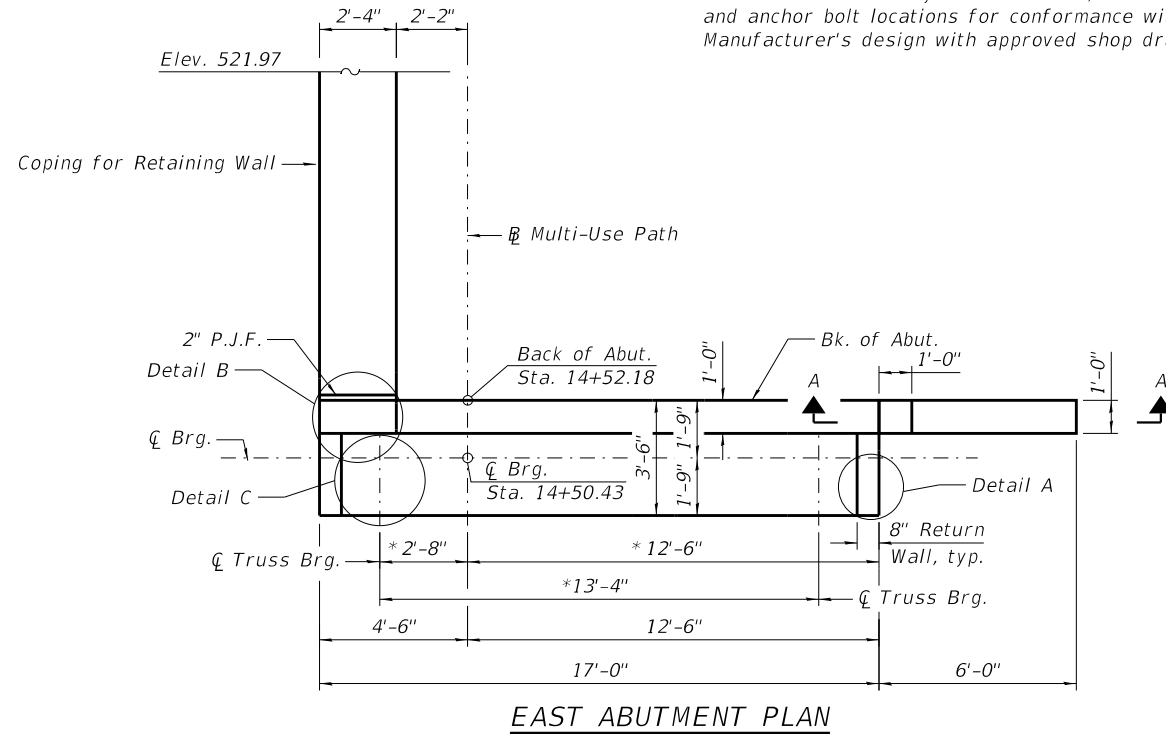
CONTRACT NO. 87840

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IDFPR NO. 184-001273

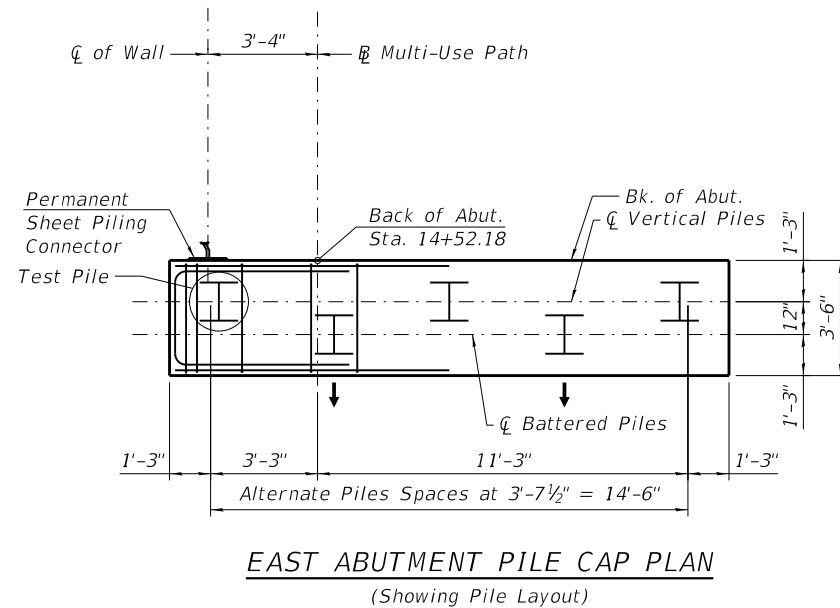
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=	- DWK	- NDR	-
=	- CIH	-	-
=	- DWK	-	-

\* Prior to ordering materials or forming the abutments, Contractor is to verify all dimensions, elevations, bearing and anchor bolt locations for conformance with the Bridge Manufacturer's design with approved shop drawings.

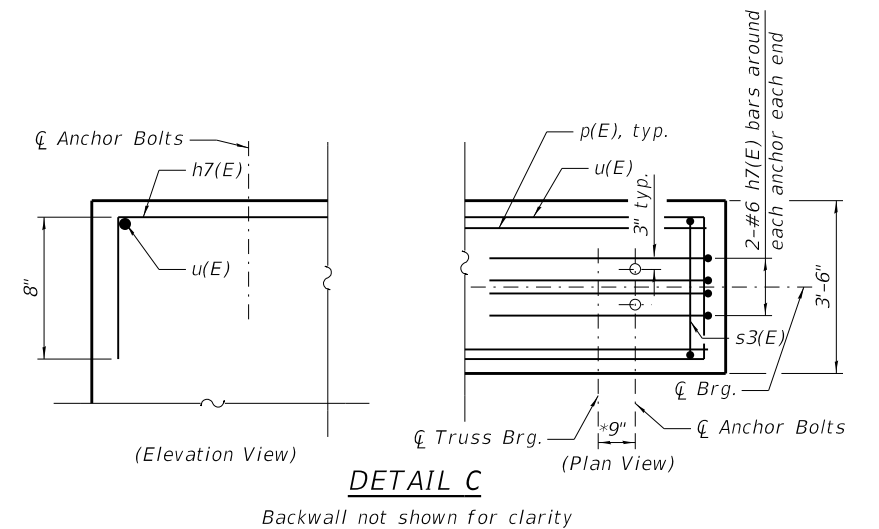
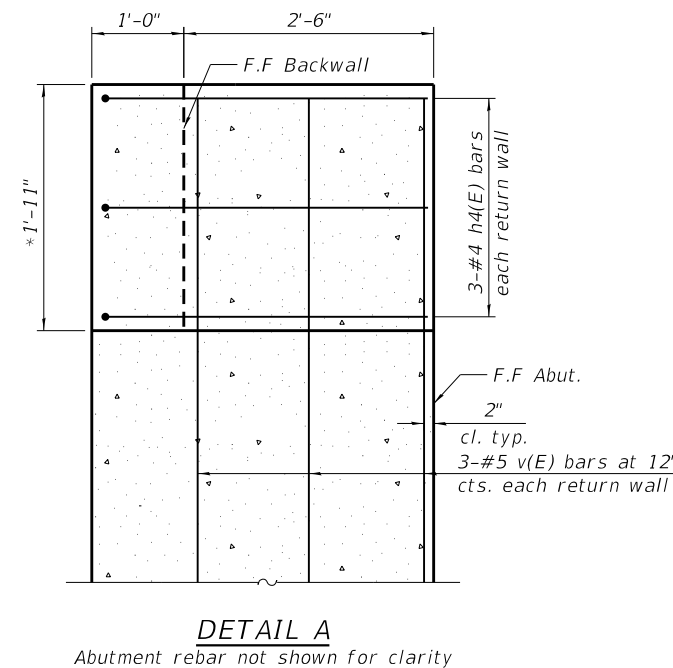


**EAST ABUTMENT  
PILE DATA**

Type: HP 14X73 with Pile Shoes  
 Nominal Required Bearing: 544 Kips  
 Factored Resistance Available: 299 Kips  
 Est. Length: 45 ft. (Vertical)  
 No. Production Piles: 4  
 No. Test Piles: 1  
 Batter: 4H:12V



Notes:  
 The Contractor to install Sheet Pile connector at back of Abut. to align first driven section of Permanent Sheet Pile Wall. This connection shall be detailed in the approved shop drawings and included in the cost for Permanent Sheet Piling.



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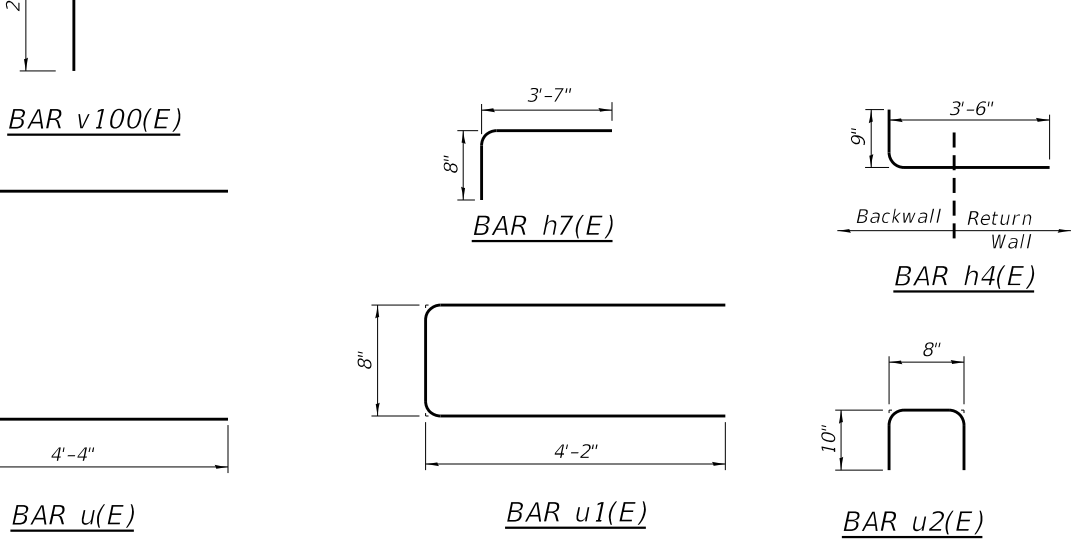
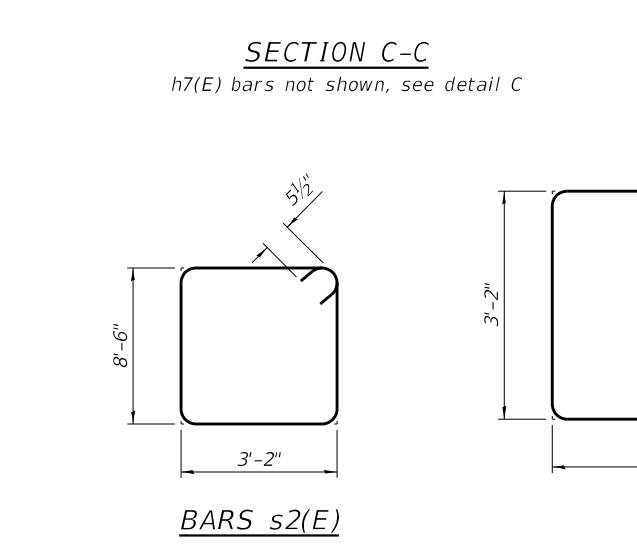
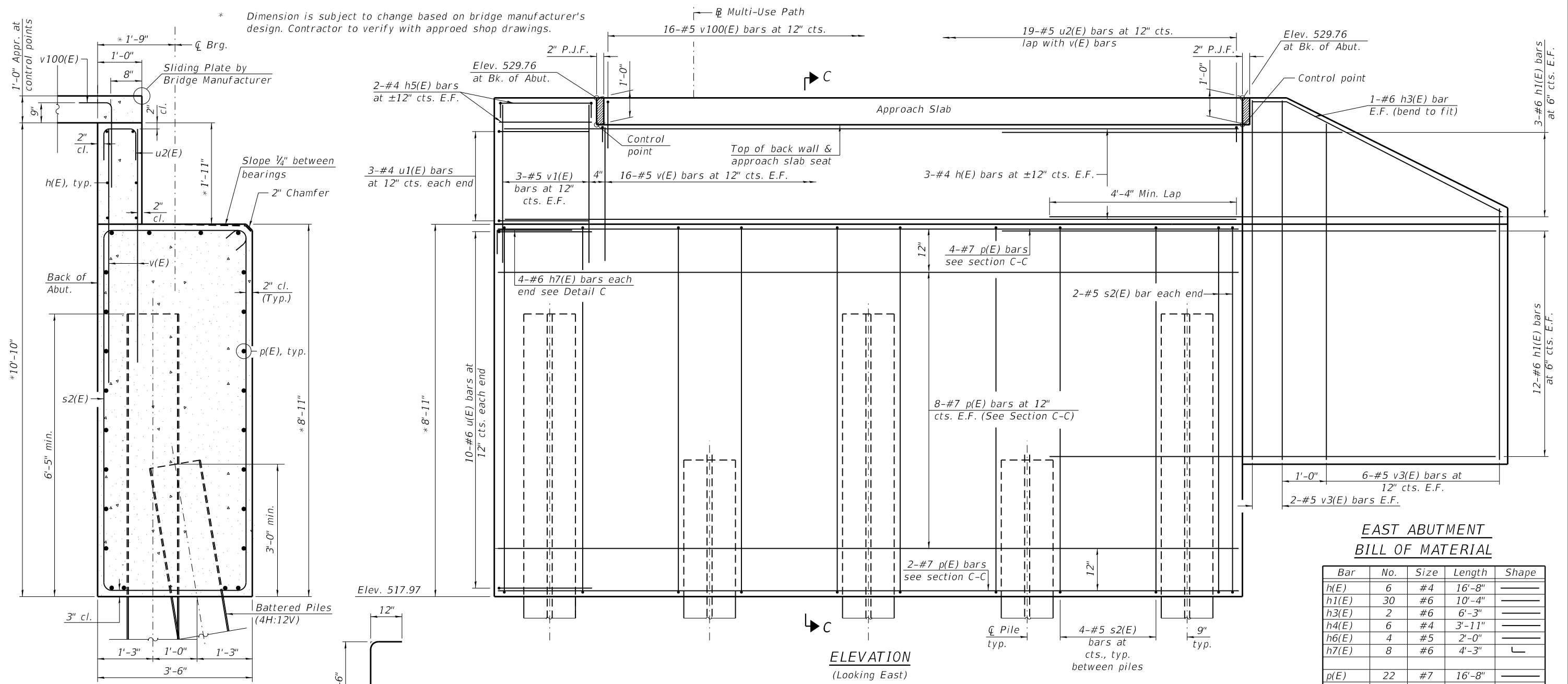
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EAST ABUTMENT PLAN (1 OF 2)  
 STRUCTURE NO. SN 099-P016

SHEET 59 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	59
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



**EAST ABUTMENT  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	6	#4	16'-8"	—
h1(E)	30	#6	10'-4"	—
h3(E)	2	#6	6'-3"	—
h4(E)	6	#4	3'-11"	—
h6(E)	4	#5	2'-0"	—
h7(E)	8	#6	4'-3"	┌
p(E)	22	#7	16'-8"	—
s2(E)	20	#5	24'-3"	□
u(E)	20	#6	11'-10"	┌
u1(E)	6	#4	9'-0"	┌
u2(E)	19	#4	2'-4"	┌
v(E)	38	#5	5'-1"	—
v1(E)	6	#5	6'-1"	—
v3(E)	16	#5	8'-6"	—
v100(E)	19	#5	3'-6"	┌
Structure Excavation		Cu. Yd.	11	
Concrete Structures		Cu. Yd.	21.8	
Reinforcement Bars, Epoxy Coated		Pound	2,760	
Furnishing Steel Piles 14X73		Foot	180	
Driving Piles		Foot	180	
Test Pile Steel HP14x73		Each	1.0	
Pile Shoes		Each	5	
Concrete Sealer		Sq. Ft.	226	

- Notes:
1. Space reinforcement in cap to miss anchor bolts.
  2. For details of piles see sheet 66 of 68.
  3. Concrete Sealer shall be applied to the bearing seat and front faces of the back wall and abutment.

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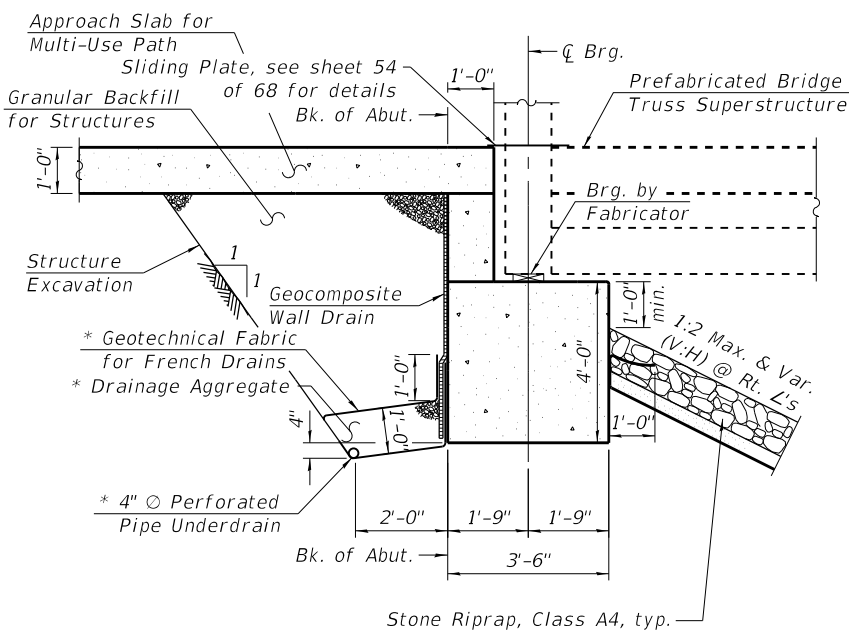
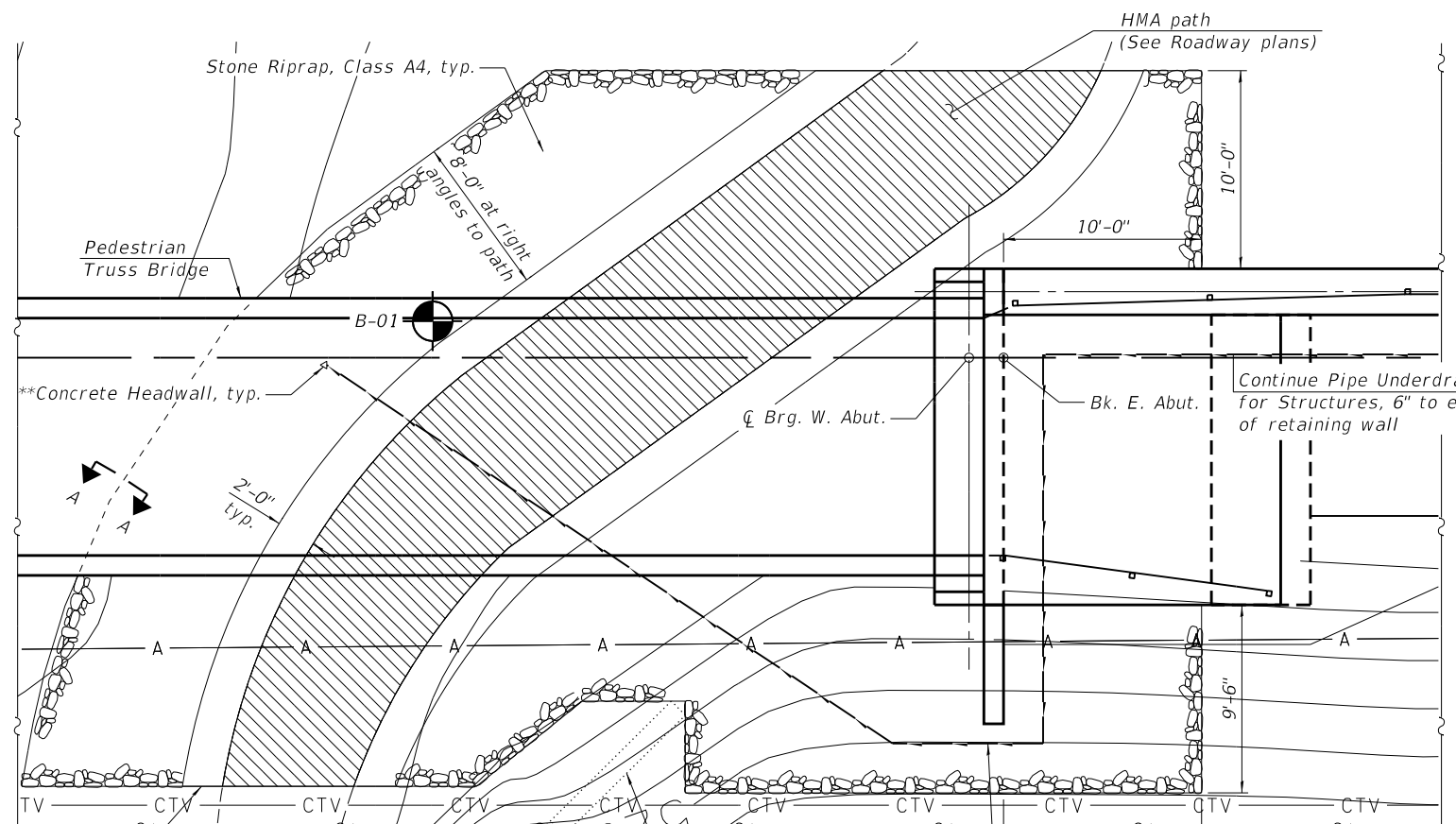
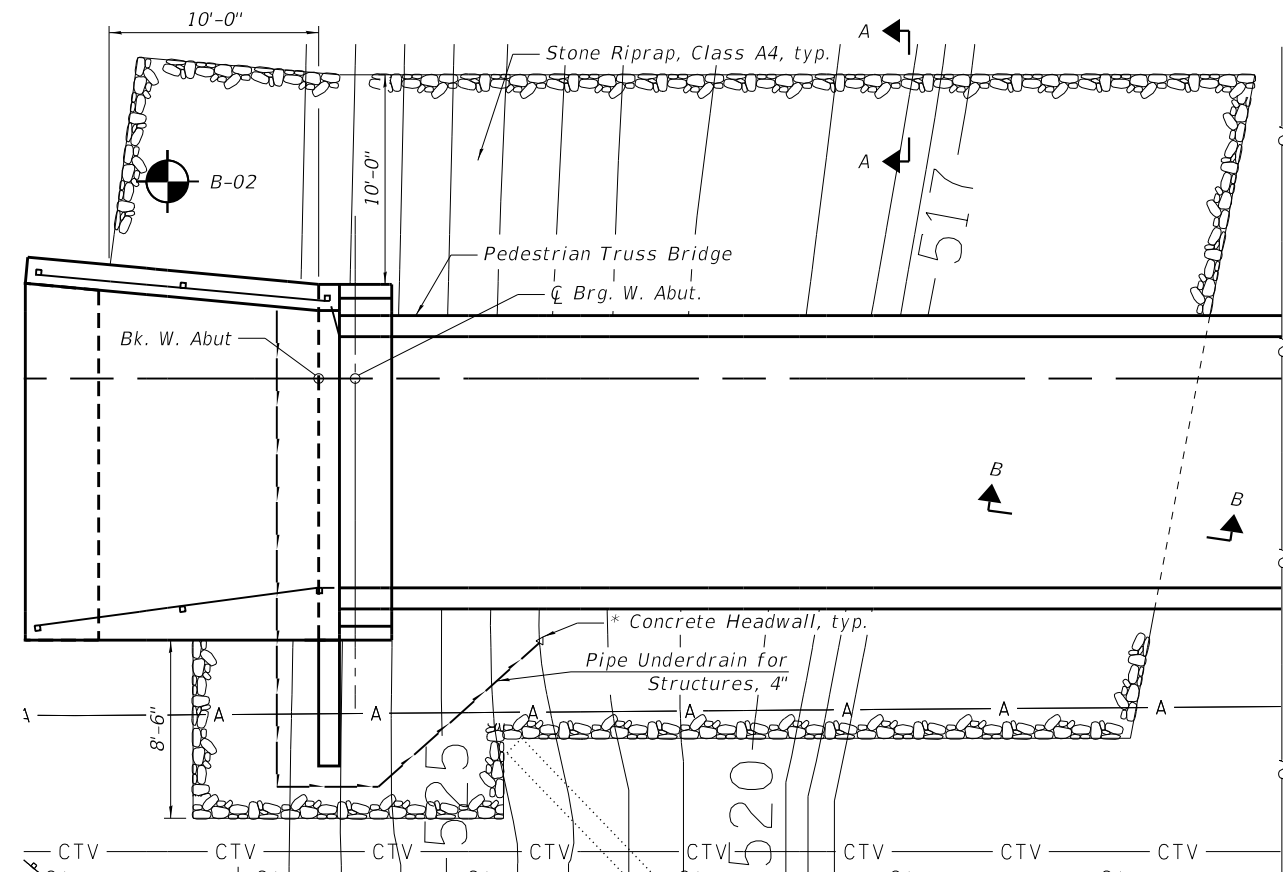
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EAST ABUTMENT PLAN AND ELEVATION (2 OF 2)  
STRUCTURE NO. SN 099-PO16**

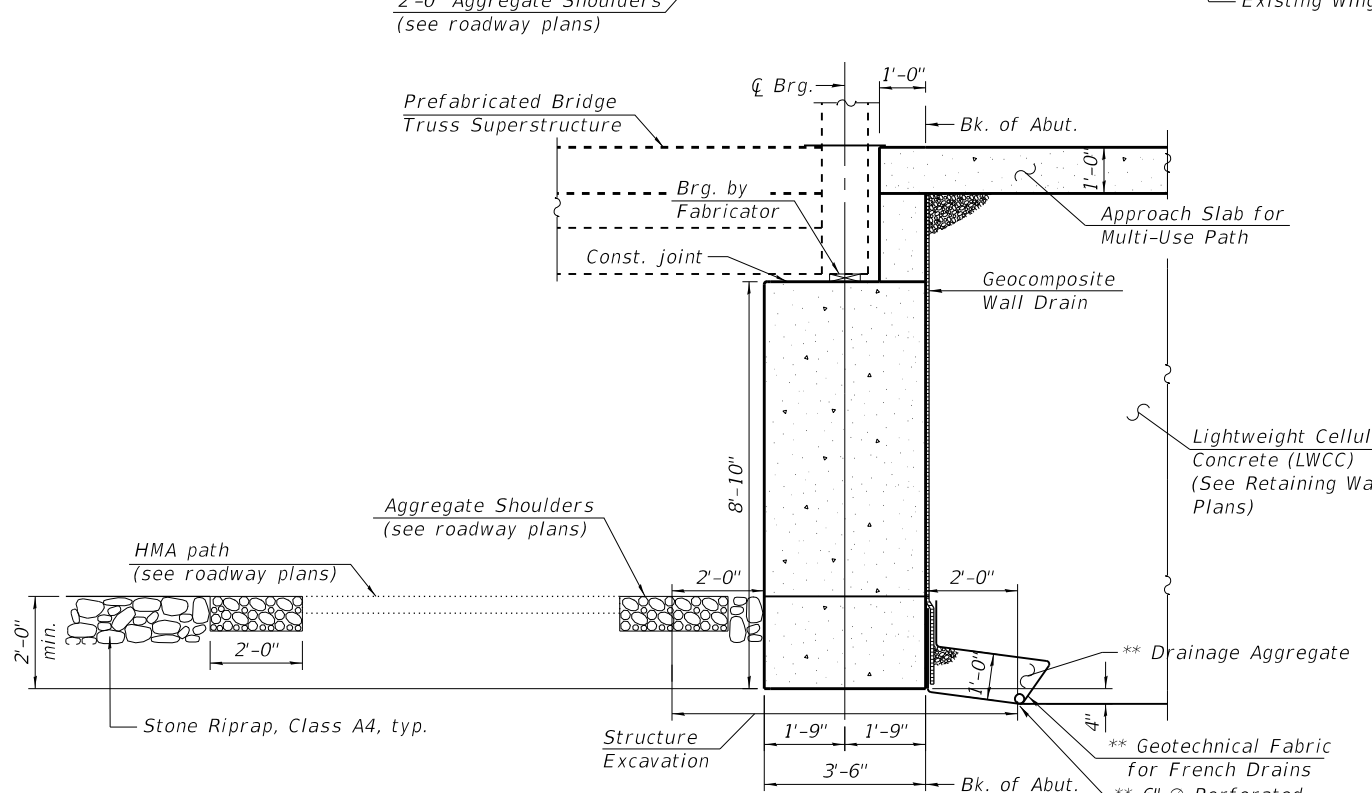
SHEET 60 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	60
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



**SECTION THRU WEST ABUTMENT**  
(Horiz. dim. @ Rt. L's)  
(Not to Scale)

\* Included in the cost of Pipe Underdrain for Structures, 4"

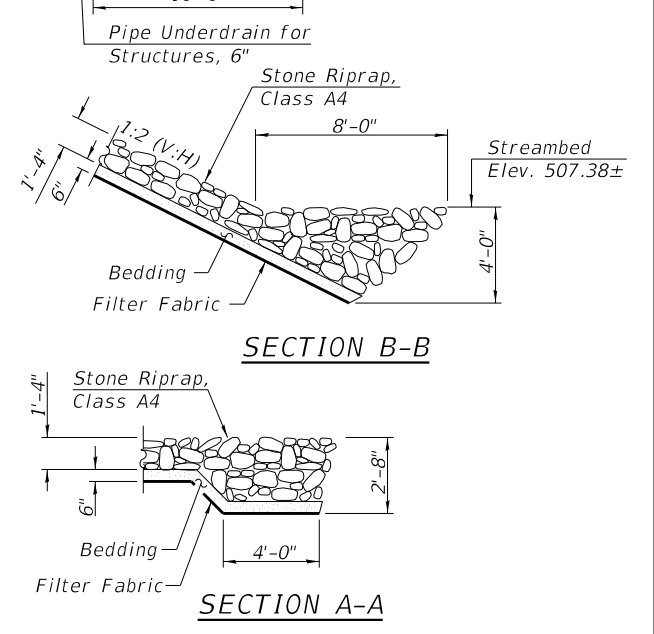


**SECTION THRU EAST ABUTMENT**  
(Horiz. dim. @ Rt. L's)  
(Not to Scale)

\*\* Included in the cost of Pipe Underdrain for Structures, 6"

**TOTAL BILL OF MATERIAL**

Item	Unit	Quantity
Stone Riprap, Class A4	SQ YD	265
Geocomposite Wall Drain	SQ YD	32
Pipe Underdrains for Structures 4"	FOOT	40
Pipe Underdrains for Structures 6"	FOOT	150



- Notes:
- See sheet 62 of 68 for placement of Lightweight Cellular Concrete Fill behind retaining wall.
  - See sheet 63 of 68 for quantity of Structure Excavation, Geocomposite Wall Drain, and Lightweight Cellular Concrete Fill behind retaining wall.
  - Extend all drainage system components to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersection with side slopes. The pipes shall drain into concrete headwalls (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

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IDFPR NO. 184-001273

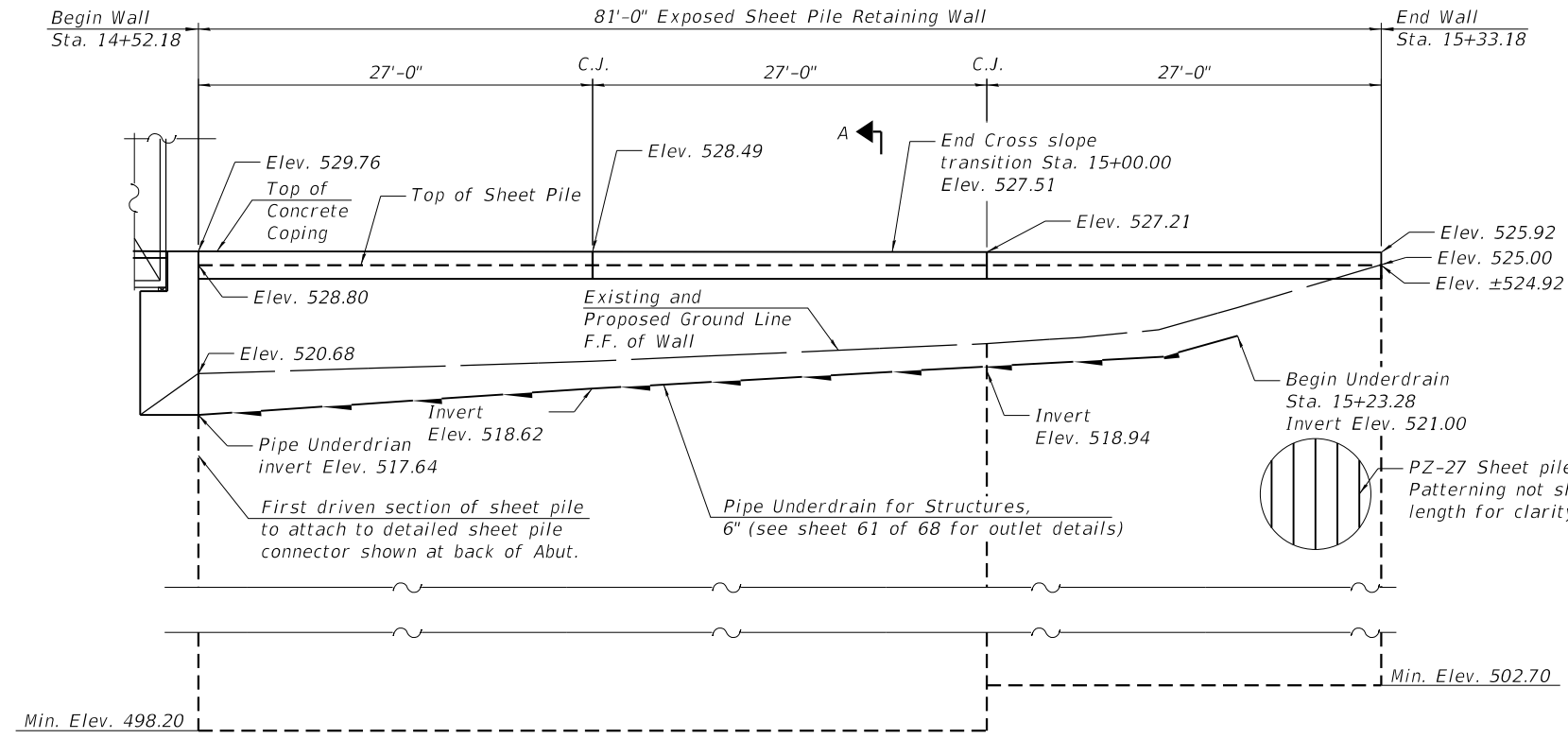
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

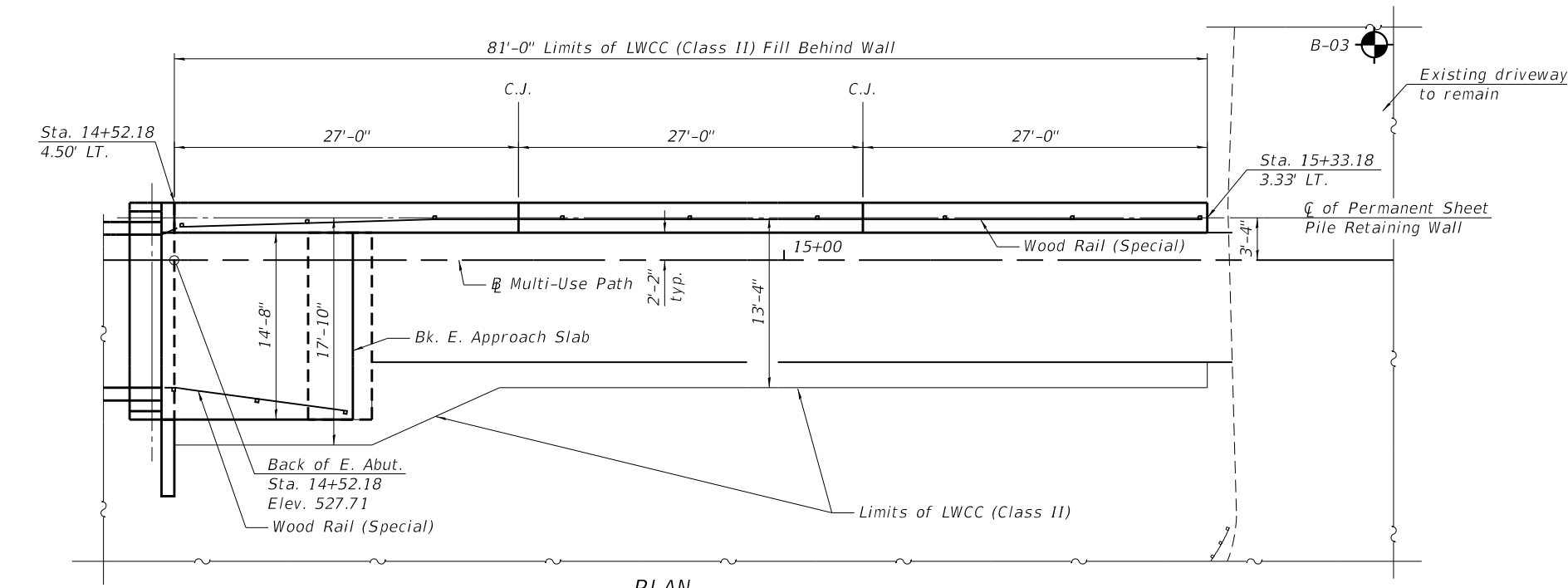
**ABUTMENT DRAINAGE DETAILS AND RIPRAP LAYOUT  
STRUCTURE NO. SN 099-PO16**

SHEET 61 OF 68 SHEETS

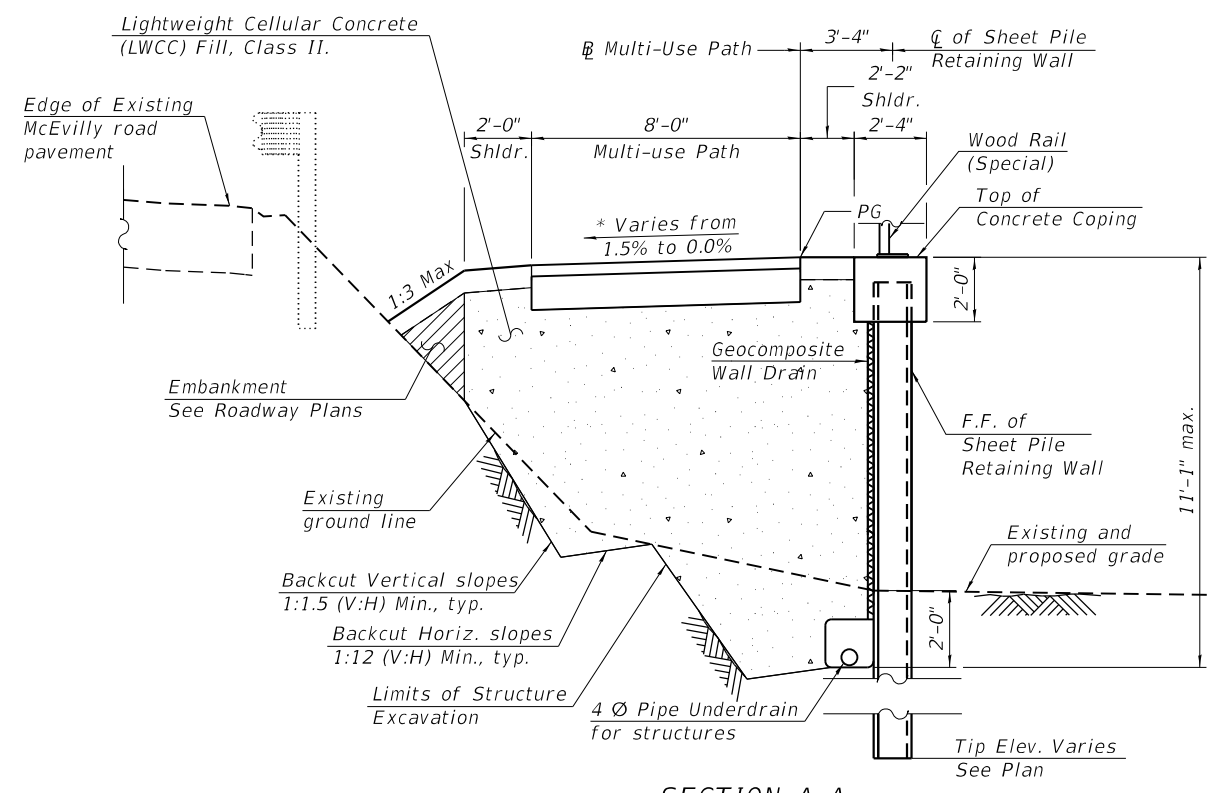
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	61
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



**ELEVATION**



**PLAN**



**SECTION A-A**

(Looking West, shown for HMA path section, approach slab similar)

- Notes:
- Concrete Sealer shall be applied to all exposed vertical and horizontal faces of the concrete coping.
  - Lightweight Cellular Concrete Fill (Class II) shall be placed in 3'-0" maximum lifts.
- \* For path cross-slope transition details see Roadway Plans.

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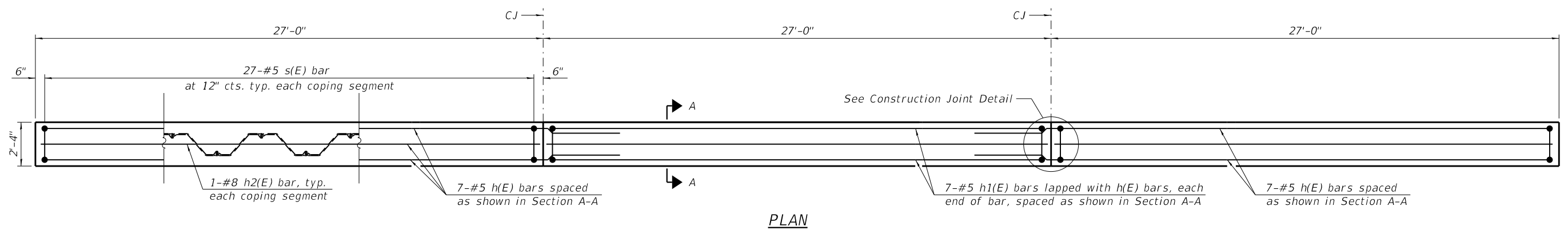
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

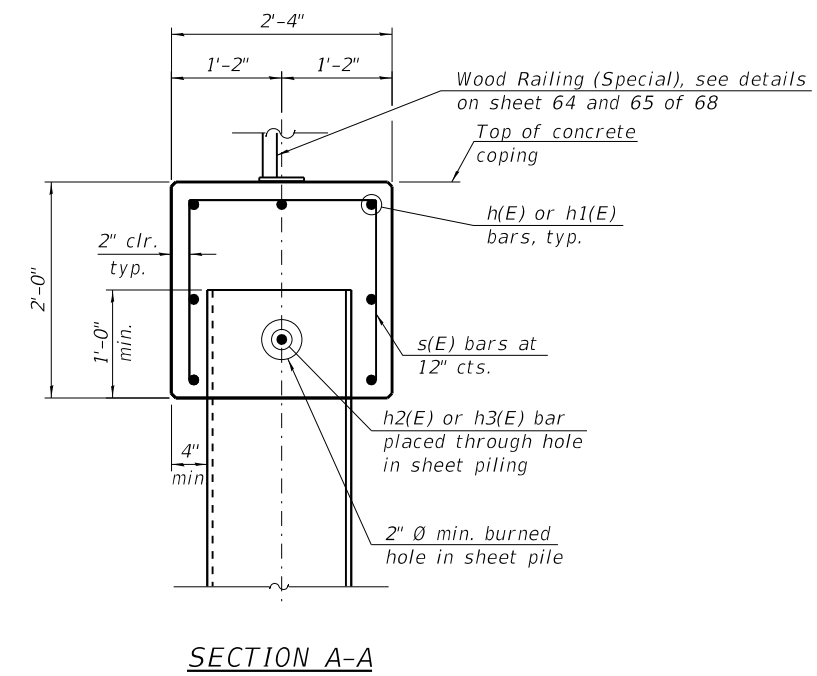
**RETAINING WALL TYPICAL SECTION AND ELEVATION  
STRUCTURE NO. SN 099-PO16**

SHEET 62 OF 68 SHEETS

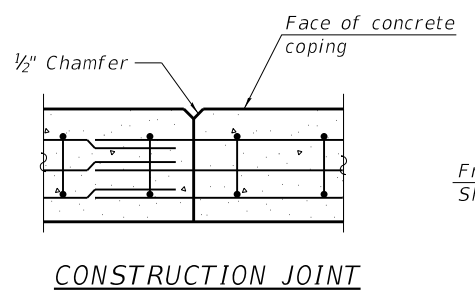
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393	21-00058-00-BT	WILL	68	62
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



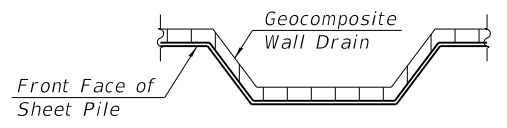
PLAN



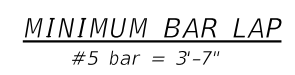
SECTION A-A



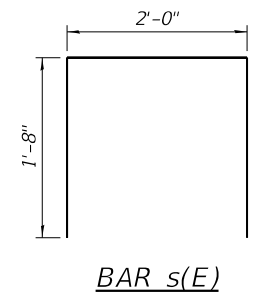
CONSTRUCTION JOINT



DRAINAGE DETAIL



MINIMUM BAR LAP  
#5 bar = 3'-7"



BAR s(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	14	#5	30'-7"	—
h1(E)	7	#5	26'-8"	—
h2(E)	3	#8	26'-8"	—
s(E)	81	#5	5'-4"	□
Structure Excavation			Cu. Yd.	63.0
Concrete Structures			Cu. Yd.	14.0
Concrete Sealer			Sq. Ft.	513
Reinforcement Bars, Epoxy Coated			Pound	1,310
Permanent Sheet Piling			Sq. Ft.	2,332
Geocomposite Wall Drain			Sq. Yd.	406
Lightweight Cellular Concrete Fill			Cu. Yd.	285.9

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COPING AND WALL DETAILS AND BOM  
STRUCTURE NO. SN 099-PO16

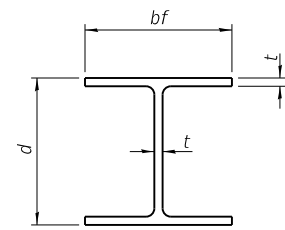
SHEET 63 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	63
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



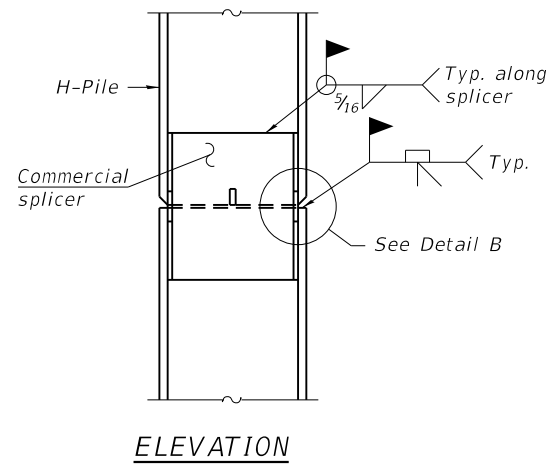




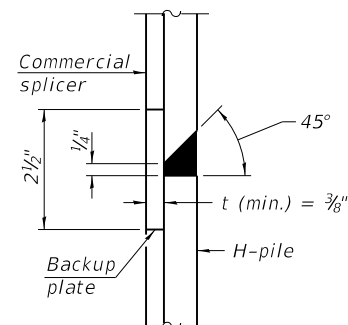


**STEEL PILE TABLE**

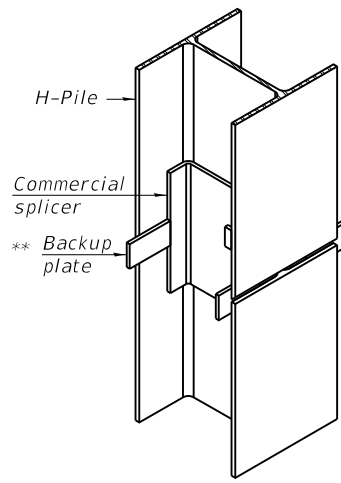
Designation	Depth d	Flange width bf	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4"	14 7/8"	1 3/16"	30"
x102	14"	14 3/4"	1 1/16"	30"
x89	13 7/8"	14 3/4"	5/8"	30"
x73	13 3/8"	14 3/8"	1/2"	30"
HP 12x84	12 1/4"	12 1/4"	1 1/16"	24"
x74	12 1/8"	12 1/4"	5/8"	24"
x63	12"	12 1/8"	1/2"	24"
x53	11 3/4"	12"	7/16"	24"
HP 10x57	10"	10 1/4"	9/16"	24"
x42	9 3/4"	10 1/8"	7/16"	24"
HP 8x36	8"	8 1/8"	7/16"	18"



**ELEVATION**

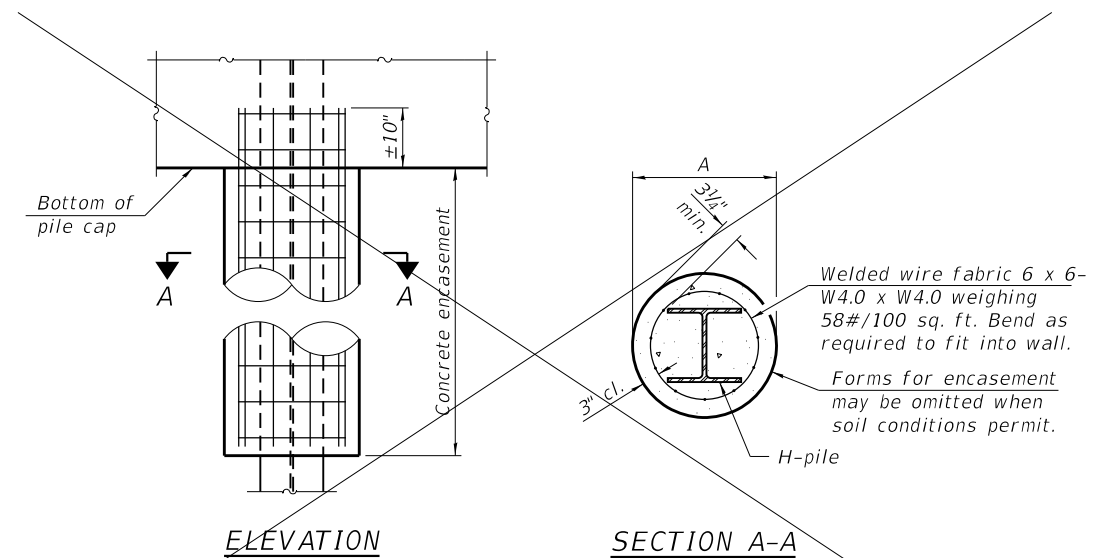


**DETAIL "B"**



**ISOMETRIC VIEW**

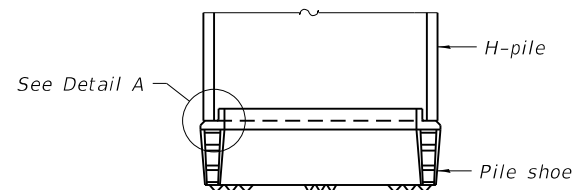
**WELDED COMMERCIAL SPLICE**



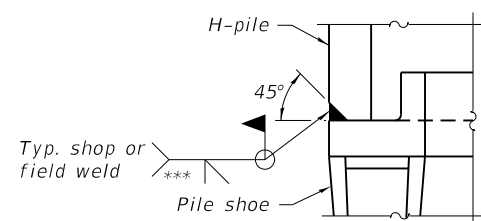
**ELEVATION**

**SECTION A-A**

**INDIVIDUAL PILE CONCRETE ENCASUREMENT (when specified)**

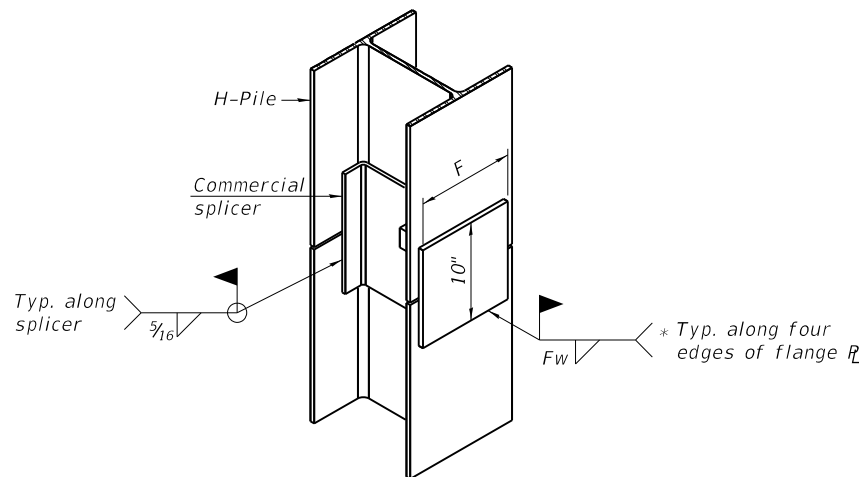


**ELEVATION**



**DETAIL A**

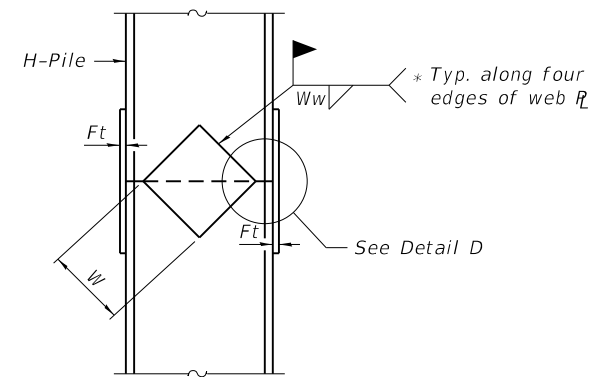
**SHOE ATTACHMENT**



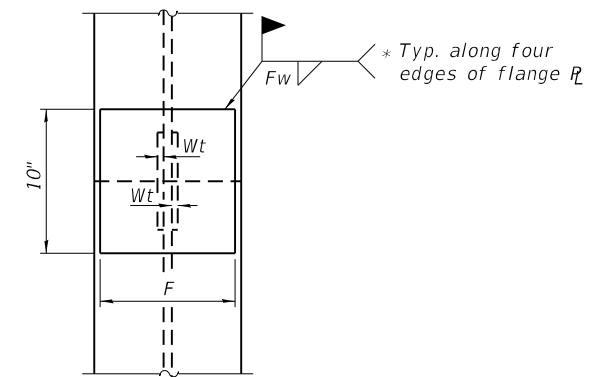
**ISOMETRIC VIEW**

**WELDED COMMERCIAL SPLICE ALTERNATE**

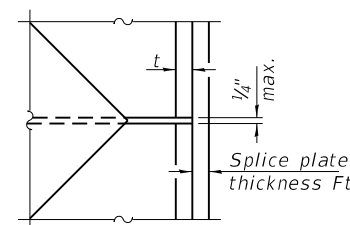
- \* Interrupt welds 1/4" from end of web and/or each flange.
- \*\* Remove portions of backup plates that extend outside the flanges.
- \*\*\* Weld size per pile shoe manufacturer (5/16" min.).



**ELEVATION**



**END VIEW**



**DETAIL D**

**WELDED PLATE FIELD SPLICE**

Designation	F	Ft	Fw	W	Wt	Ww
HP 14x117	12 1/2"	1"	7/8"	7 3/4"	5/8"	1/2"
x102	12 1/2"	7/8"	3/4"	7 3/4"	5/8"	1/2"
x89	12 1/2"	3/4"	1 1/16"	7 3/4"	5/8"	1/2"
x73	12 1/2"	5/8"	9/16"	7 3/4"	5/8"	1/2"
HP 12x84	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x74	10"	7/8"	1 1/16"	6 1/2"	5/8"	1/2"
x63	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
x53	10"	5/8"	1/2"	6 1/2"	1/2"	3/8"
HP 10x57	8"	3/4"	9/16"	5 1/4"	1/2"	3/8"
x42	8"	5/8"	9/16"	5 1/4"	1/2"	3/8"
HP 8x36	7"	5/8"	7/16"	4 1/4"	1/2"	3/8"

Note:  
The steel H-piles shall be according to AASHTO M270 Grade 50.

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F-HP 2-1-2023



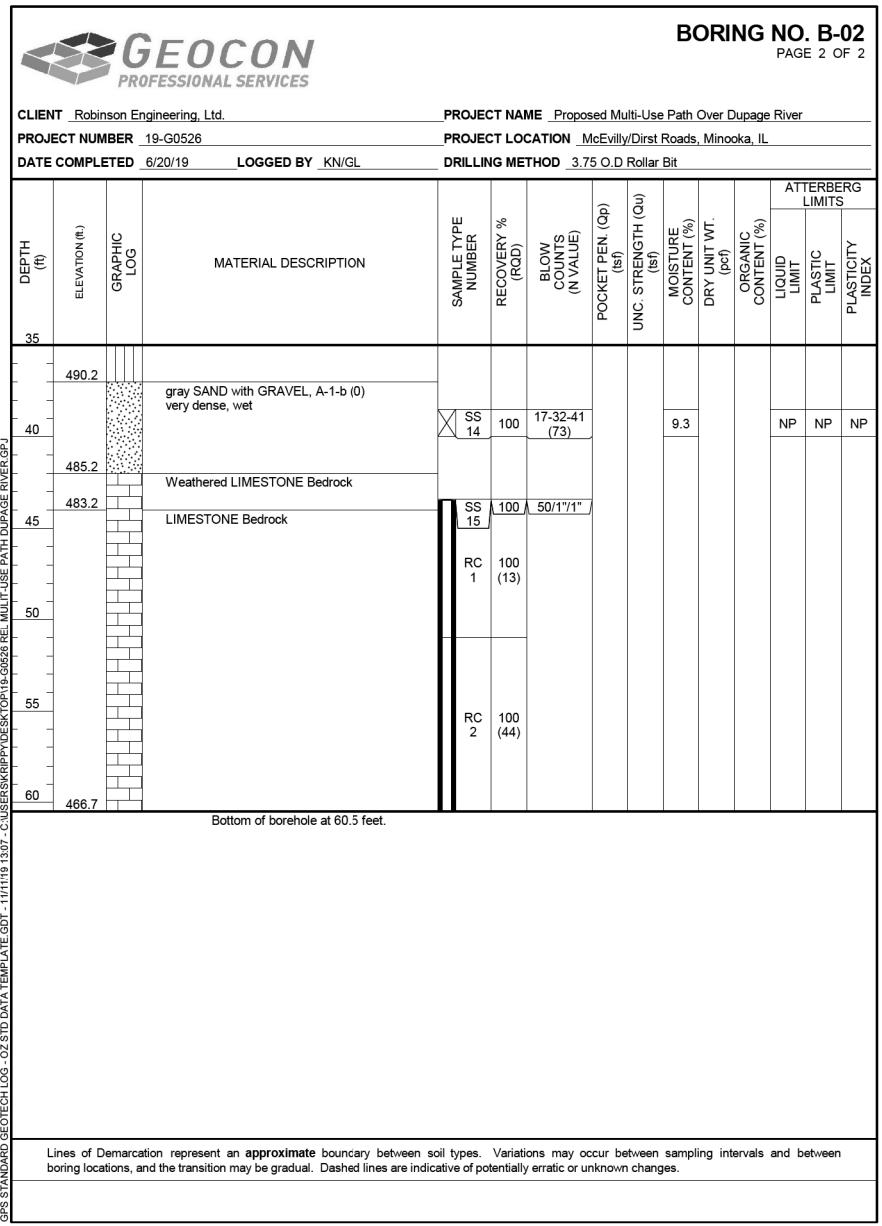
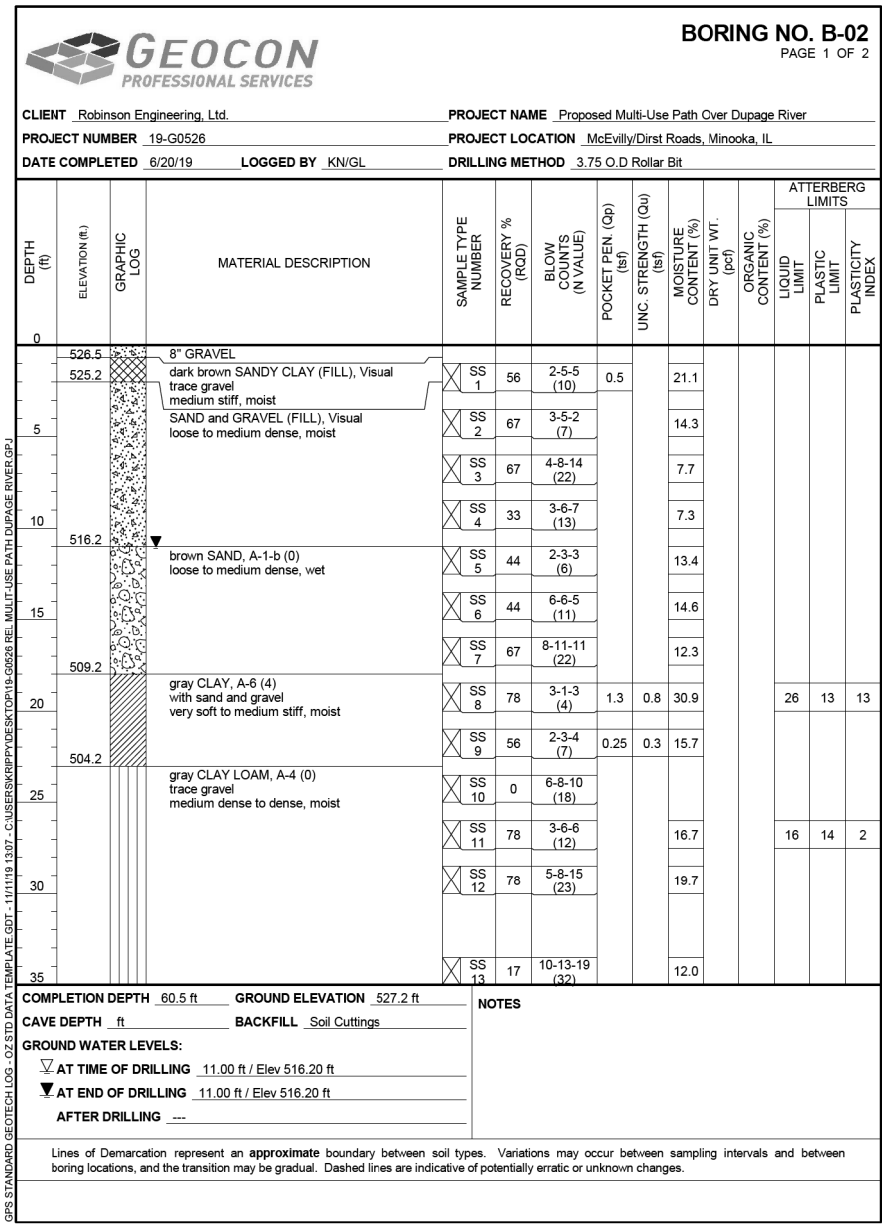
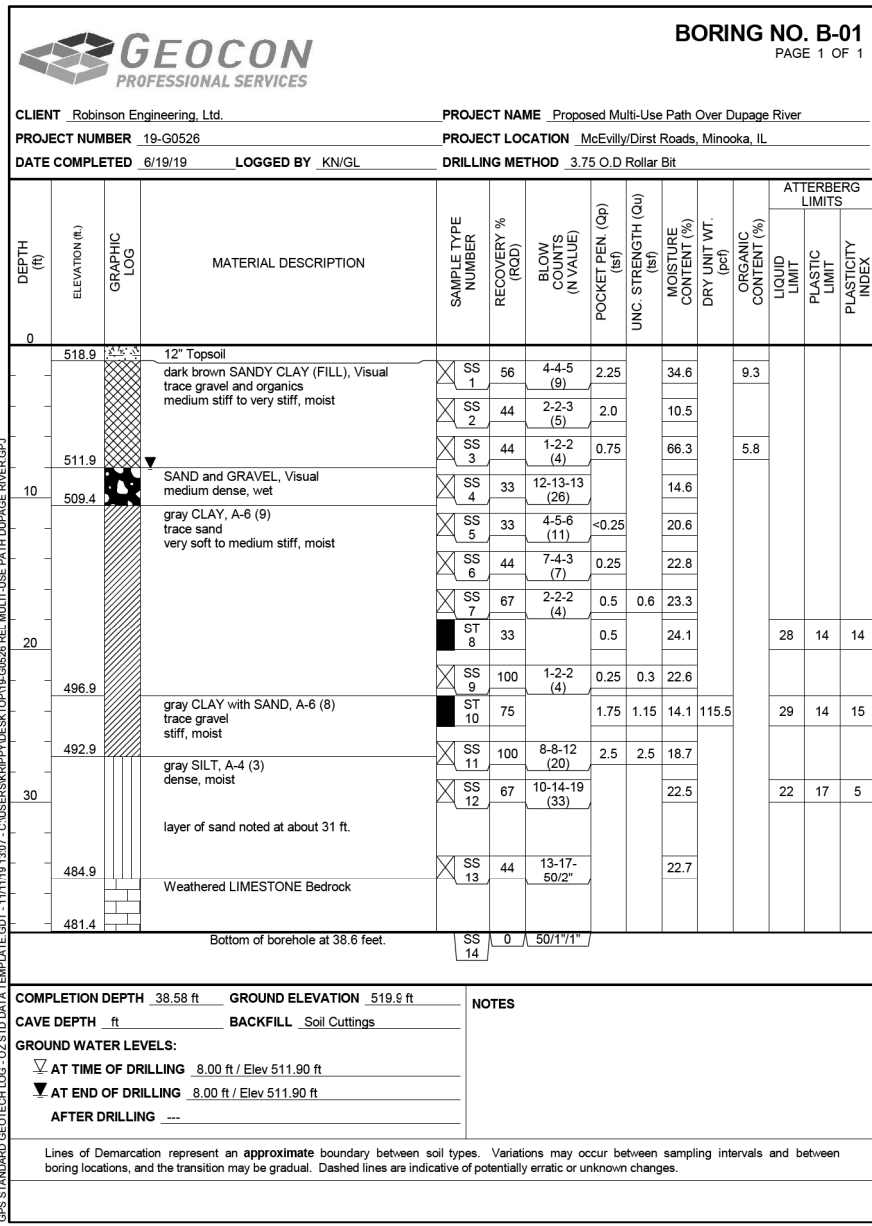
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PLOT DATE =	DRAWN - CIH	REVISED -
	CHECKED - DWK	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PILE SPLICE DETAIL  
STRUCTURE NO. SN 099-P016

SHEET 66 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	66
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				



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1170 SOUTH HOUBOLT ROAD  
 JOLIET, ILLINOIS 60431  
 (815) 744-4200  
 IDFPR NO. 184-001273

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PLOT DATE =	DRAWN - CIH	REVISED -
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOIL BORING (SHEET 1 OF 2)**  
**STRUCTURE NO. SN 099-PO16**  
 SHEET 67 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	67
CONTRACT NO. 87840				
		ILLINOIS	FED. AID PROJECT	



CLIENT Robinson Engineering, Ltd. PROJECT NAME Proposed Multi-Use Path Over Dupage River  
PROJECT NUMBER 19-G0526 PROJECT LOCATION McEvilly Rd & Timberwood Dr, Minooka, IL  
DATE COMPLETED 10/31/19 LOGGED BY JK/DF DRILLING METHOD 3.25 in. HSA

DEPTH (ft)	ELEVATION (ft.)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (Qp) (tsf)	UNC. STRENGTH (Qu) (tsf)	MOISTURE CONTENT (%)	DRY UNIT WT. (pcf)	ORGANIC CONTENT (%)	ATTERBERG LIMITS					
												LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX			
0	524.6		3" ASPHALT														
	524.0		7" AGGREGATE BASE														
			black and dark brown CLAY (FILL) trace silt and gravel stiff to very stiff, moist	SS 1	33	6-7-13 (20)	3.5		21.6								
				SS 2	67	4-6-9 (15)	1.5		14.8								
5	518.8		brown CLAYEY GRAVEL dense, wet	SS 3	17	7-7-9 (16)		3.3									
	516.3		brown SAND and GRAVEL medium dense to dense, wet	SS 4	17	5-4-6 (10)		3.3									
				SS 5	33	7-7-9 (16)		8.1									
				SS 6	17	9-9-13 (22)		5.7									
				SS 7	44	14-10-4 (14)		10.1									
				SS 8	56	5-13-20 (33)		8.9									
				SS 9	72	15-13-13 (26)		11.1									
25	499.8			SS 10	33	8-6-9 (15)		7.0									

COMPLETION DEPTH 54 ft GROUND ELEVATION 524.8 ft

CAVE DEPTH ft BACKFILL Soil Cuttings

GROUND WATER LEVELS:

▽ AT TIME OF DRILLING 6.00 ft / Elev 518.80 ft

▽ AT END OF DRILLING 6.00 ft / Elev 518.80 ft

AFTER DRILLING ---

NOTES

Groundwater levels were recorded at the time of drilling and may not represent the groundwater conditions at the time of construction.

Lines of Demarcation represent an approximate boundary between soil types. Variations may occur between sampling intervals and between boring locations, and the transition may be gradual. Dashed lines are indicative of potentially erratic or unknown changes.



CLIENT Robinson Engineering, Ltd. PROJECT NAME Proposed Multi-Use Path Over Dupage River  
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												LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX			
25			gray LEAN CLAY medium stiff to stiff, moist	SS 11	72	1-2-19 (21)	1.25	1.6	22.8								
				SS 12	83	5-3-4 (7)	0.75	0.8	27.6								
30																	
	490.8		gray CLAYEY SAND trace gravel very dense, wet	SS 13	94	11-15-40 (55)	3.75	3.2	16.9								
35																	
	485.8		gray SAND and GRAVEL very dense, wet	SS 14	55	14-50/5"			6.2								
40																	
	482.8		possible rock at 42 ft Weathered LIMESTONE Bedrock														
	480.8		LIMESTONE Bedrock														
45																	
				RC 1	100	(15)											
50																	
	470.8		Bottom of borehole at 54.0 feet.														

Lines of Demarcation represent an approximate boundary between soil types. Variations may occur between sampling intervals and between boring locations, and the transition may be gradual. Dashed lines are indicative of potentially erratic or unknown changes.

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1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200 IDFPR NO. 184-001273	USER NAME =	DESIGNED - DWK	REVISED -
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	PLOT SCALE =	DRAWN - CIH	REVISED -
	PLOT DATE =	CHECKED - DWK	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING (SHEET 2 OF 2)  
STRUCTURE NO. SN 099-P016

SHEET 68 OF 68 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
393	21-00058-00-BT	WILL	68	68
CONTRACT NO. 87840				
ILLINOIS FED. AID PROJECT				