STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2023	1	14
F.A No. STP-C5151(301)				

STATE OF KANSAS
DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF PROPOSED
11 C-5153-01
FEDERAL AID PROJECT
CHEROKEE COUNTY

GRADING AND SURFACING
BRIDGE
SEEDING

INDEX OF SHEETS

1. TITLE SHEET
2. GRADING AND SURFACING TYPICAL SECTION
3. PLAN AND PROFILE
4. GUARDRAIL DETAILS
5. CONTOUR MAP
6. CONSTRUCTION LAYOUT
7. TRAFFIC CONTROL

8-14. CROSS SECTIONS

	BY	DATE
SURVEY		X/X/2022
CADD TECHNICIAN	Tregan Albers-Kirkham Michael	X/X/2022
DESIGNERS	J. Markel-Kirkham Michael	X/X/2022
SQUAD		X/X/2022

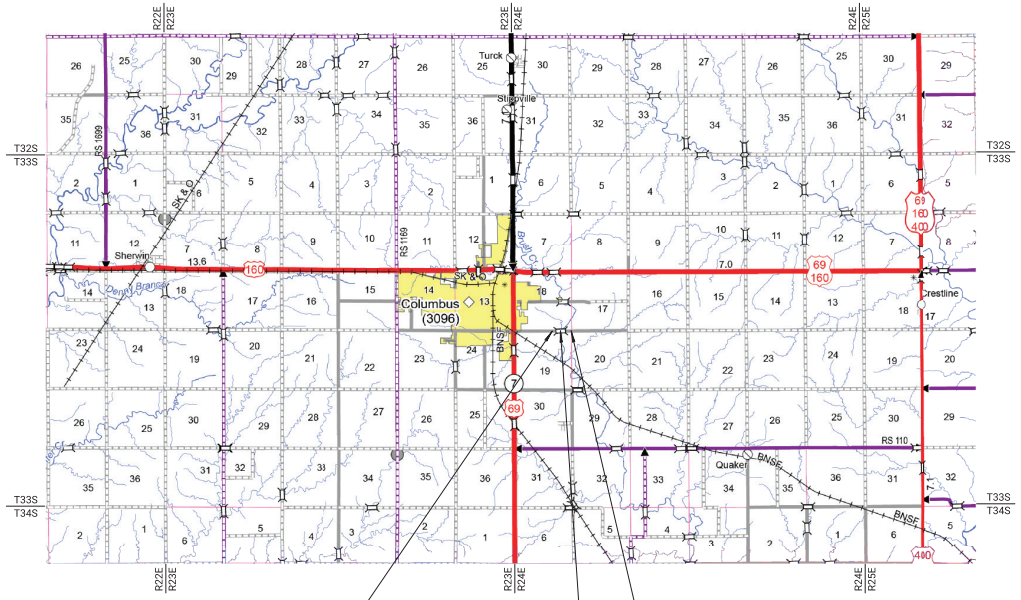
Plotted : 10-JUN-2022 11:24

Drawn By : cbuller
File : 2111800_rt-01.dgn

This Project meets the Requirements for the VLVLR Design Guidelines

DESIGN DESIGNATION

AADT (2007)	75
T	5%
V	55 MPH
Clear Zone	6'



1" = 1 Mile

STA. 44+75.00 BEGIN
KDOT Proj. 11 C-5153-01

Sta. 49+90.00
Br. No. 000 000 000 000 000
100' Prestressed Concrete
Beam Simple Span Bridge (PBMS)
26'-0" Roadway, Skew 30° Rt.

STA. 51+00.00 END
KDOT Proj. 11 C-5153-01

NOTE: This project will be closed to all traffic during construction.

JOHN J. MARKEL
LICENSED
18375
KANSAS
PROFESSIONAL ENGINEER

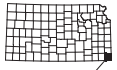
PRELIMINARY
Not for Construction

KIRKHAM MICHAEL
217 N. Douglas, ELLSWORTH, KANSAS 67439
(785) 472-3613 FAX (785) 472-3817

CONVENTIONAL SIGNS

COUNTY LINE	CENTER LINE OF PROJECT
CITY LIMITS	TERRACE
STATE OR NATIONAL LINE	CULVERTS
TOWNSHIP, SECTION or GRANT LINE	DROP INLET & STORM SEWER
PROPERTY LINE	ACCESS CONTROL
HIGHWAY FENCE	POWER POLE
EXISTING FENCE	TELEPHONE POLE
GUARDRAIL	MARSH
CONSTRUCTION LIMITS	HEDGE
RIGHT OF WAY LINE	TREES
TRAVELED WAY	PROFILE ELEVATION
RAILROADS	STREAM or CREEK

GROSS LENGTH OF PROJECT	625.00 FT.		
EXCEPTIONS	NONE		
NET LENGTH OF PROJECT	625.00 FT.	0.118	MILES
NET LENGTH OF BRIDGES	102.88 FT.	0.019	MILES
NET LENGTH OF ROAD	522.12 FT.	0.099	MILES

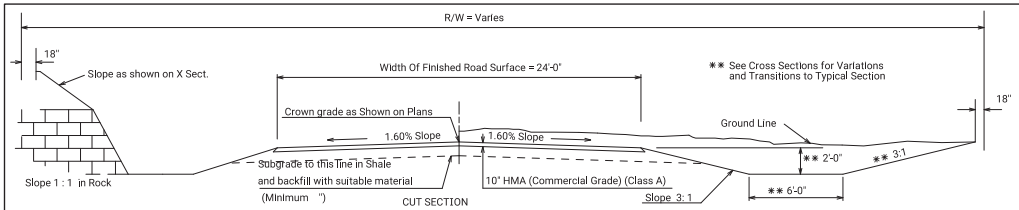


RECOM. FOR APPROVAL-DATE

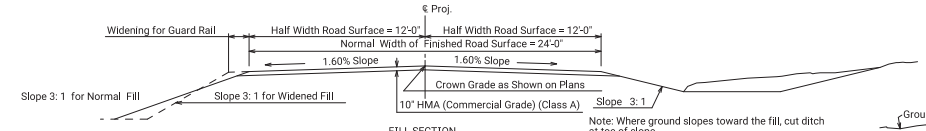
LOCAL PUBLIC OFFICIAL

KANSAS DEPARTMENT OF TRANSPORTATION

STATE	PROJECT N0.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2023	2	14

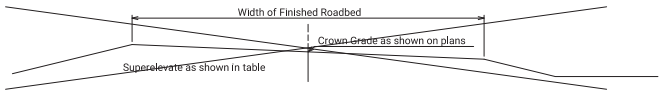


NOTE: For overbreakage in limestone, sandstone or shale see Special Provisions

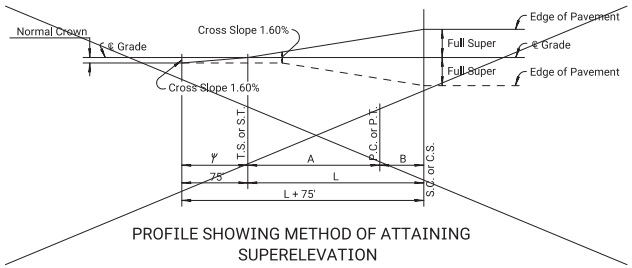


Note: Where ground slopes toward the fill, cut ditch at toe of slope.

Shoulder Slopes at ends of Guard Rail should be no steeper than 3: 1.
When fill exceeds 6' Shoulder Slopes may be steepened

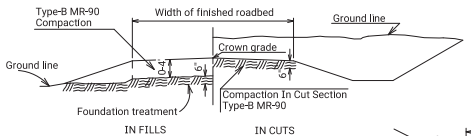


SUPERELEVATED SECTION



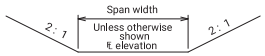
PROFILE SHOWING METHOD OF ATTAINING SUPERELEVATION

Sta. P.I. Curve	Radius	Design Speed	Super %	Transition - (Lin.Ft.)		
				L	A	B

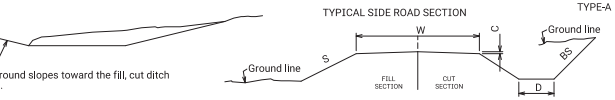


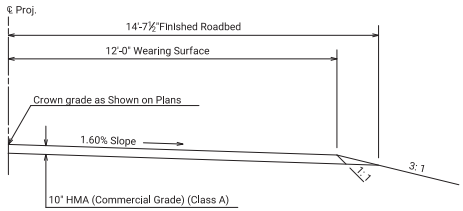
ALL EMBANKMENT SHALL BE COMPACTED EXCEPT DITCHPLUGS AND WASTE BERMS.

FOUNDATION TREATMENT AND COMPACTION OF EARTHWORK

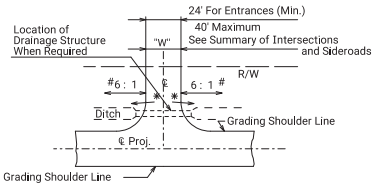


TYPICAL INLET AND OUTLET CHANNEL EXCAVATION SECTION FOR BOX STRUCTURES & PIPE CULVERTS





TYPICAL ½ SECTION SURFACING



TYPICAL SIDE ROAD OR ENTRANCE DETAIL

* On side roads and entrances which slope toward the roadway, construct a low point approx. 6" deep to divert surface drainage into the roadway ditch.

On ditch plugs and side roads or entrances without drainage structures use 8 : 1 slopes where feasible.

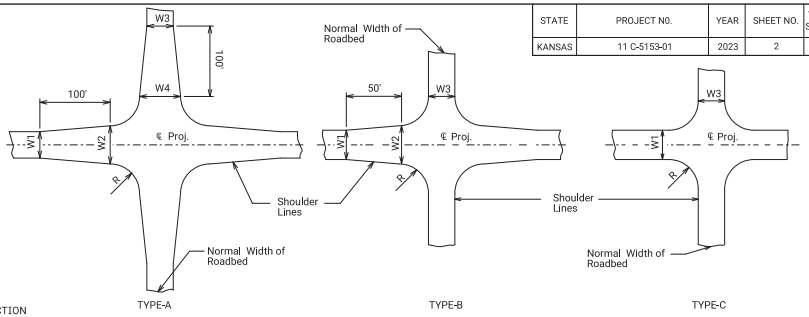
GENERAL NOTES

All signs shown on the plans, and other signs furnished and installed by the LPA with their own forces and funds will be installed in conformance with the Manual on Uniform Traffic Control Devices (latest edition).

LPA to furnish all easements and additional right of way (unless otherwise noted).

Public and private utility facilities will be adjusted by others as needed to fit the new construction unless noted otherwise on the plans or in the proposal.

Refer to KDOT Standard Drawing No. BR 100 for excavation limits for constructing box culverts.

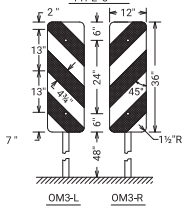


TYPE-A TYPE-B TYPE-C

TYPICAL INTERSECTION DETAILS

SUMMARY OF INTERSECTIONS AND SIDEROADS												
STATION	SIDE OR QUADRANT	TYPE	W	W1	W2	W3	W4	R	C	S	D	BS

OBJECT MARKER



All Sign, Fastener, and Post materials must meet the requirements of the latest edition of the KDOT Standard Specifications for State Road and Bridge Construction.

Install Object Markers Type OM3-(R)(L) at each corner of all span bridges and when indicated on the plans at box structures. Install with the inside edge of the marker in line with the inside clearance line of the structure.

SUMMARY OF OBJECT MARKERS AND SIGNS					
STATION TO STATION	SIDE	TYPE OF STRUCT.	TYPE OF SIGN	OBJECT MARKER TYPE	OBJECT MARKER NO.	REMARKS
NW Quad	Lt.	Brdg.		OM-3L	1	ø
SW Quad	Rt.	Brdg.		OM-3R	1	ø
SE Quad	Rt.	Brdg.		OM-3L	1	ø
NE Quad	Lt.	Brdg.		OM-3R	1	ø
TOTAL					4	
ØAs you face bridge end from approach						
*Back-to-Back [Sign(s) on Both Sides of Post]						

NO.	REVISIONS		BY	APP'D
7	01-08-15	Revised superelevation diagram, updated misc. notes.	TLS	RJS
6	11-19-04	Changed "Culvert" to "Structure"	DMK	RJS
5	12-11-03	Rem. Subb. to Add Typ. Sect.; Changed OM notes	DMK	RJS
4	5-14-03	Rev. Contractor note in Gen. Notes	DMK	RJS

KANSAS DEPARTMENT OF TRANSPORTATION

TYPICAL GRADING SECTION

~~LP907~~

FHWA APPROVAL		APP'D	RJS
DESIGNED	DETAILED TLS	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK. RJS	QUAN.CK.	TRACE CK.

Drawn By : cbutler
File : 2111800_lp907.dgn
Plotted :10-JUN-2022 11:24

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11C-5153-01	2023	3	14

UTILITIES

Fiber Optic: Craw-Kan Telephone 620-724-8238
Power:

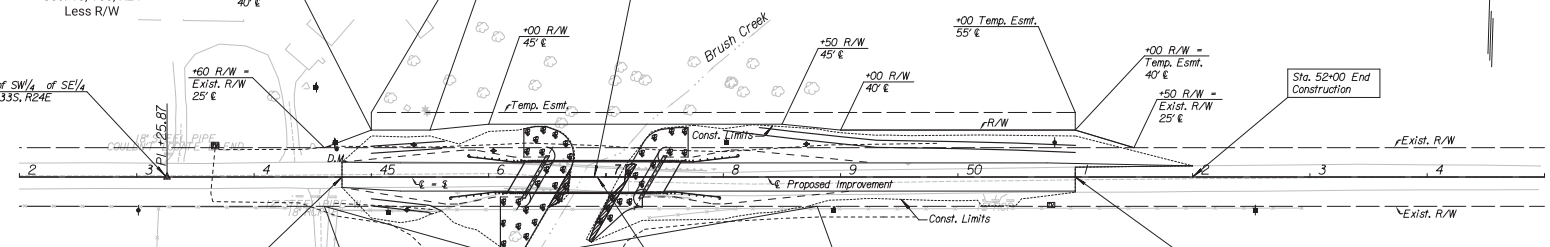
CP #1
Sta. 43+17.03, 23.60' Lt.
N = 150,637.03 E = 20,577,251.35
1. Set 1/2" Rebar Flush
2. App ℄ of E-W Rd 22.6' S
3. Top Center W. End Steel Pipe 7.4' ESE
4. App ℄ of Ent. 19.0 E

CP #2
Sta. 47+92.69, 18.97' Rt.
N = 150,594.63 E = 20,577,727.06
1. Flu 1/2" Rebar Flush
2. App ℄ of E-W Rd 12.3' N
3. E End S. Guardrail 20.3' W
4. E End N. Guardrail 25.3' NNW

CP #3
Sta. 50+47.50, 22.90' Rt.
N = 150,590.83 E = 20,577,981.84
1. 1/2" Rebar Flush
2. App ℄ of E-W Rd 20.6' N
3. App ℄ of Fld. Ent. 14.8' W
4. Top Center E. End Conc. Pipe 2.9' N

Sta. 46+90.00 CONSTRUCT
Br. No. ????????????????
100' Prestressed Concrete Beam,
Simple Span (PBMS)
26'-0" Roadway, Skew 30° Rt.

Dale & Nancy Rowton & Donna Staggs
Tract in SE 1/4
Sec. 18, T33, R24
Less R/W



Sta. 44+75.00 BEGIN
KDOT PROJECT 011 C-5153-01
N = 150613.50, E = 20577409.34

Sta. 51+00.00 END
KDOT PROJECT 011 C-5153-01
N = 150613.79, E = 20578134.34

Gaither Ranch LLC
Tract in NE 1/4
Sec. 19, T33S, R24W
Less R/W

Sta. 46+92.63 REMOVE
Exist. Br. No. 000111093806900
54' Concrete Tee Girder (RDGS)
Bridge with a Concrete Deck
(20'-0" Roadway)

S 1/4 Cor. Sec. 18, T33S, R24E
N = 150,612.99 E = 20,575,934.34
1. Fd. 1/2" Rebar @ Surface
2. App. ℄ of E-W Rd. 2.1' N
3. SE Cor. of Rock Mailbox Base 20.2' NW
4. Top Center of Utility Ped. 55.8' WNW
5. 1/2" Rebar w/ Cornerstone Survey Cap 26.2' S

SE Cor. of SW1/4 of SE1/4, Sec. 18, T33S, R24E
N = 150,613.44 E = 20,577,260.21
1. Fd. 1/2" Rebar @ Surface
2. 1/2" Rebar Flush 27.4' N
3. Top Center of Steel Pipe 20.0' N
4. Spk/Wshr in NW Face PP 38.0' SW
5. Top Center of Utility Ped. 49.4' ENE
6. App ℄ of E-W Rd. 0.9' N

SE Cor. Sec. 18, T33S, R24E
N = 150,613.97 E = 20,578,586.18
1. Fd. 1/2" Rebar 1" Deep
2. Spk. in Top of Cor Fc. Post 27.3' SE
3. Spk. in E Face of PP 31.6' N
4. Top Center Utility Ped. 34.9' NNW
5. App ℄ of E-W Rd. 0.5' N

SCALE
PLAN: Lat. & Long. 50' 0 50' 100'
PROFILE: Horiz. same as above
Vert. 5 0

Horizontal Project Datum: KRCS Zone 20 Pittsburg for project coordinates.

Vertical Datum: North America Vertical Datum NAVD88 (GEOID 18)

DATUM BENCHMARK NAVD88

Datum benchmark HE0258 is located 32.5' west of the west edge of the Kansas Ave. sidewalk, 6.3' south of the south edge of the maple street sidewalk in Columbus, and is a standard disk flugh with the concrete.
Elev. = 913.30

The Contractor shall remove the existing 54' Simple Span Concrete Girder (RDGS) Bridge with a Concrete Deck (20'-0" roadway).
Bridge #000111093806900

The Contractor shall excavate the channel at the bridge site to the limits shown prior to construction of the bridge.

The Contractor shall complete the Embankment as shown on the bridge excavation sheet prior to the driving of the abutment piling.

All trees, hedge rows, shelterbelts, and woody shrubs not shown to be removed and located between the construction limits and the right-of-way line or easement line shall be spared unless directed by the Engineer to be removed.

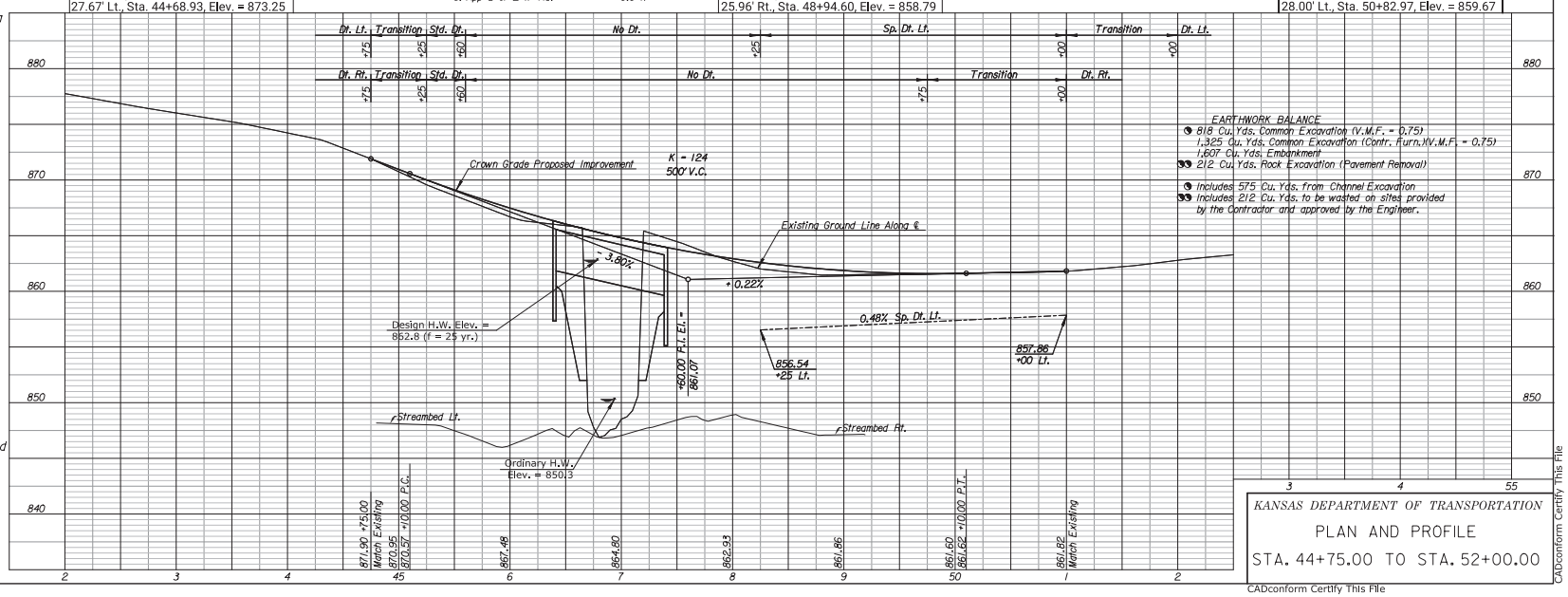
Excavation shown to be wasted shall be wasted on sites provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance, and site location. Locations that in the opinion of the Engineer will leave an unsightly appearance will not be approved.

All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Dept. of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations.

BM #1 Top of Driven "T" Post 1' S. of PP
27.67' Lt., Sta. 44+68.93, Elev. = 873.25

BM #2 Top of Driven "T" Post 2' N of PP
25.96' Rt., Sta. 48+94.60, Elev. = 858.79

BM #3 Top of Driven "T" Post 1' S of PP
28.00' Lt., Sta. 50+82.97, Elev. = 859.67



EARTHWORK BALANCE
818 Cu. Yds. Common Excavation (V.M.F. = 0.75)
1,325 Cu. Yds. Common Excavation (Contr. Furn.)(V.M.F. = 0.75)
1,607 Cu. Yds. Embankment
212 Cu. Yds. Rock Excavation (Pavement Removal)

Includes 575 Cu. Yds. from Channel Excavation
Includes 212 Cu. Yds. to be wasted on sites provided by the Contractor and approved by the Engineer.

KANSAS DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE
STA. 44+75.00 TO STA. 52+00.00

CADconform Certify This File

DATE	BY	REFERENCES NOTED / REFERENCES CHECKED

Plotted : 10-JUN-2022 11:25
Drawn By : cbuller
File : 2111800_rpp-01.dgn

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11C-5153-01	2023	4	14

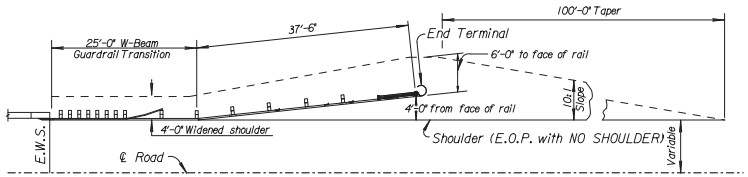
NOTE: Layouts 1, 2, 3, and 4 will be symmetric for any quadrant unless otherwise shown in the plans.

When using Rubrail, attach Std. Drawings No. RD611, RD616 and RD615 (parallel) or RD615A (flared).

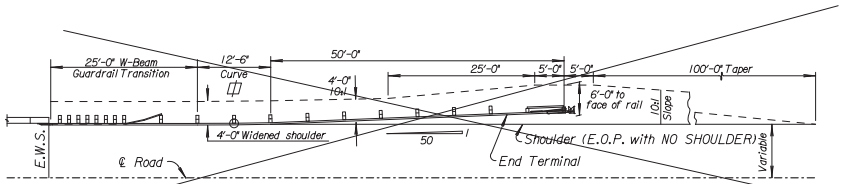
When using Thrie beam, attach Std. Drawings no. RD611 and RD608 or RD613.

Attach Std. Drawing No. RD617 (parallel) or RD 617A (flared) for post over box less than full depth.

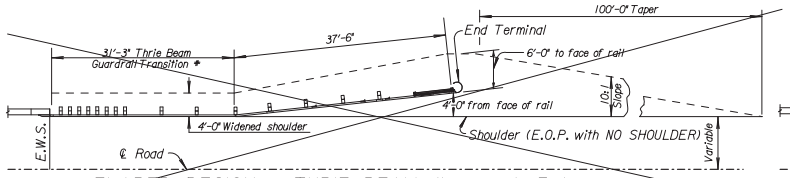
Radius = 625.08'



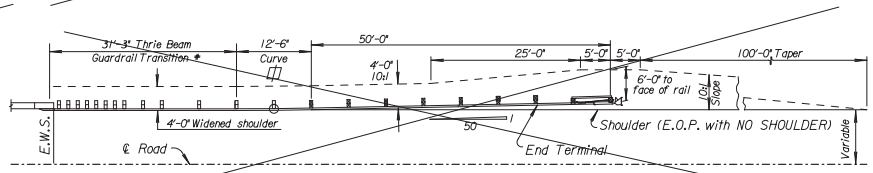
FLARED DESIGN - RUB RAIL (Layout 1)



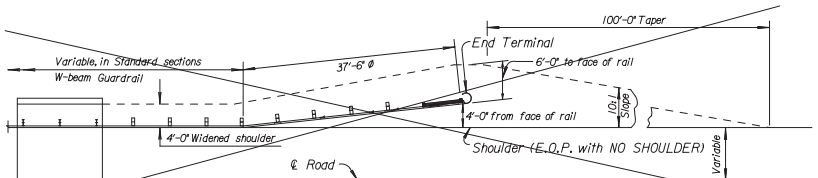
PARALLEL DESIGN - RUB RAIL (Layout 2)



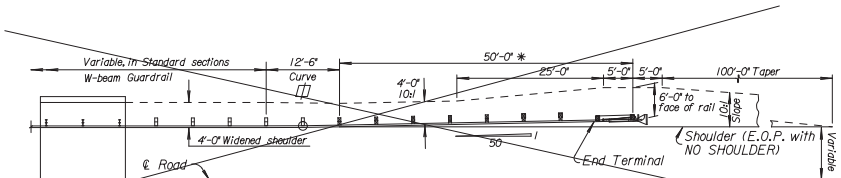
FLARED DESIGN - THRIE BEAM (Layout 3)



PARALLEL DESIGN - THRIE BEAM (Layout 4)



FLARED DESIGN (Layout 5)



PARALLEL DESIGN (Layout 6)

TYPICAL ALIGNMENT OF GUARDRAIL AT CULVERTS & BOX BRIDGES

ALLOWABLE END TERMINALS

TYPE	Layout 1	2	3	4	5	6	Required Standard Drawing
SRT	X						RD606
FLEAT	X						RD606
SKT							RD606

SUMMARY OF STEEL PLATE GUARDRAIL

Location	Side	Layout No.	Layout Lin. Ft. *	Additional Standard Sections Lin. Ft.	Total Pay Length Lin. Ft.	Layout 1 or 3: Gd. Rail End Term. (SRT) Alt. #1 Each	Layout 1 or 3: Gd. Rail End Term. (FLEAT) Alt. #2 Each	Layout 2, 4, or 6: Gd. Rail. End Term. (SKT) Each	Layout 5: Gd. Rail End Term. (SRT) Alt. #1 Each	Layout 5: Gd. Rail End Term. (FLEAT) Alt. #2 Each	
NW Quad.	Lt.	1	25		25	1	1				
SW Quad.	Rt.	1	25		25	1	1				
NE Quad.	Lt.	1	25		25	1	1				
SE Quad.	Rt.	1	25		25	1	1				
TOTAL LENGTH					100	4	4				

*See Guardrail Auxiliary Details (RD606) for Measurement Details. Does Not Include End Terminal.

NO.	DATE	REVISIONS	BY	APP'D
12	02-21-19	Updated per Road Memo 18-02	WFL	MJS
11	10-30-17	Removed X-Lite	WFL	MJS
10	01-06-15	Added X-Lite, Removed ET-PLUS	TLS	RJS
9	11-9-05	Added length for Thrie Beam transition	REA	RJS

KANSAS DEPARTMENT OF TRANSPORTATION

TYPICAL ALIGNMENT OF GUARDRAIL INSTALLATIONS

LP620

FHWA APPROVAL			APP'D.	MJS	
DESIGNED	DETAILED	TLS	QUANTITIES	TRACED	
DESIGN CK.	DETAIL CK.	RJS	QUAN.CK.	TRACE CK.	

Plotted : 10-JUN-2022 11:25

Drawn By : cbuller

File : 2111800_LP620.dgn

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2023	5	14

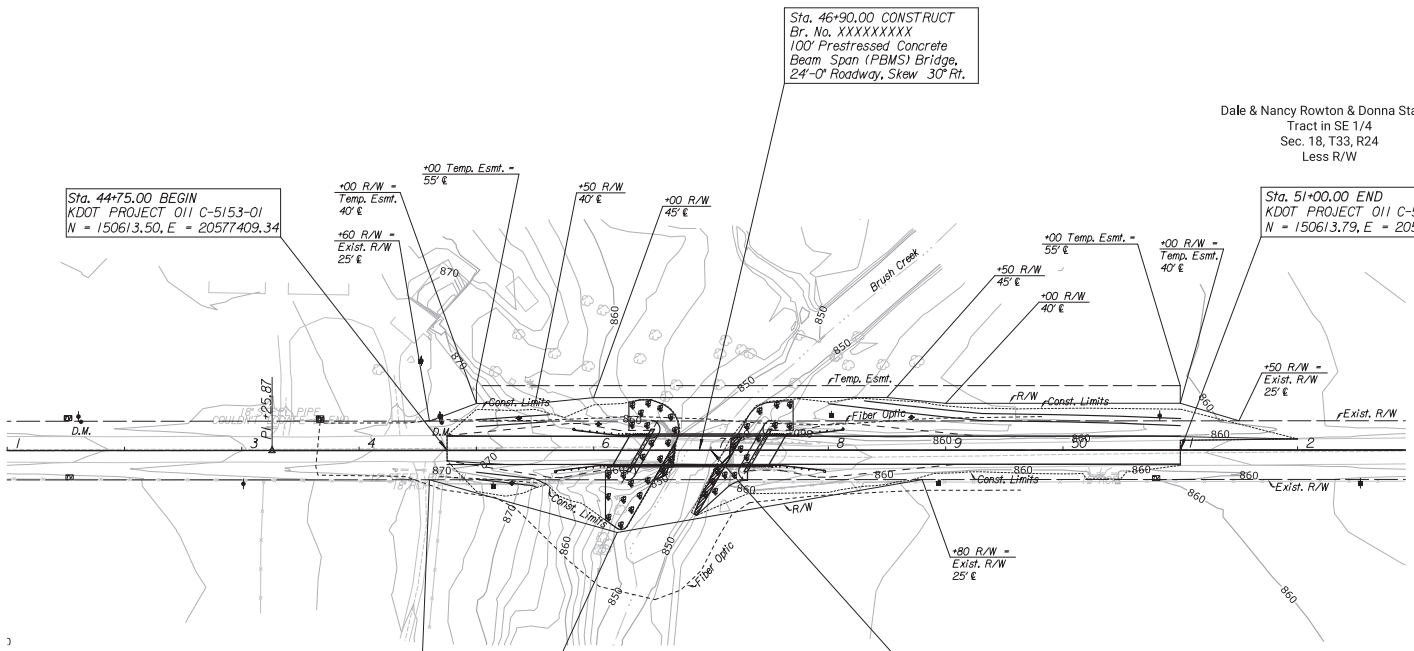
UTILITIES
Fiber Optic: Craw-Kan Telephone 620-724-8238
Power:

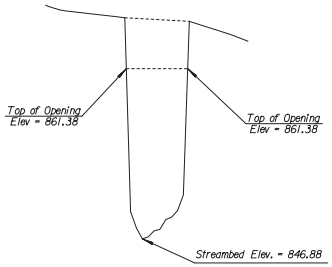
CP #1
23.60' Lt., Sta. 43+17.03
N = 150,637.03 E = 20,557,251.35
1. Set ½" Rebar Flush
2. App ℄ of E-W Rd. 22.6' S
3. Top Center W. End Steel Pipe 7.4' ESE
4. App ℄ of Ent. 19.0' E

CP #2
18.97' Rt., Sta. 47+92.69
N = 150,594.63 E = 20,577,727.06
1. Flu ½" Rebar Flush
2. App ℄ of E-W Rd. 12.3' N
3. E. End of S. Guardrail 20.3'W
4. E. End of N. Guardrail 25.3' NNW

CP #3
22.90' Rt., Sta. 50+47.50
N = 150,590.83 E = 20,577,981.84
1. ½" Rebar Flush
2. App ℄ of E-W Rd. 20.6' N
3. App ℄ of Fld. Rd. 14.8' W
4. Top Center E. End Conc. Pipe 2.9' N

SCALE 1"=50'
Contour Interval = 2'





WATERWAY OPENING
EXISTING BRIDGE
TOTAL WATERWAY OPENING = 637 sq ft

54' Simple Span Concrete Girder (RDGS) Bridge

B.M. #1 Top of Driven "T" Post 1' S. of PP
27.67' Lt., Sta. 44+68.93 Elev. = 873.25

B.M. #2 Top of Driven "T" Post 2' N. of PP
25.96' Rt., Sta. 48+94.60 Elev. = 858.79

B.M. #3 Top of Driven "T" Post 1' S. of PP
28.00' Lt., Sta. 50+82.97 Elev. = 859.67

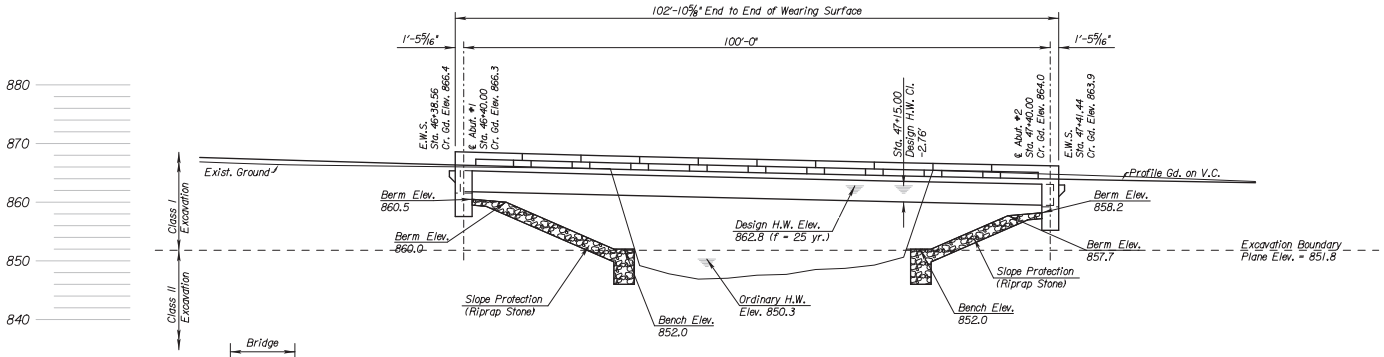
KANSAS DEPARTMENT OF TRANSPORTATION

CONTOUR MAP

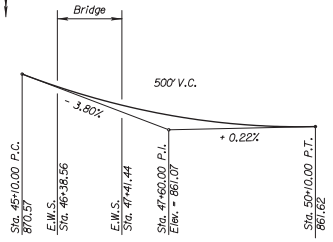
SHEET NO.	OF	SCALE	1"=50'	APP'D			
DESIGNED	JAD	DETAILED	JAD	QUANTITIES		CADD	JAD
DESIGN CK.	JMB	DETAIL CK.	JMB	QUAN. CK.		CADD CK.	JMB

Plotted By: cbutler
File: 211800_Contour Map.dgn
Plot Date: 10-JUN-2022 11:25
Plot Location:

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	72 C-4991-01	2021	6	14



SECTION
100' Single Span
Prestressed Concrete Beam
Span (PBMS) Bridge, Skew 30° Rt.
26'-0" Roadway

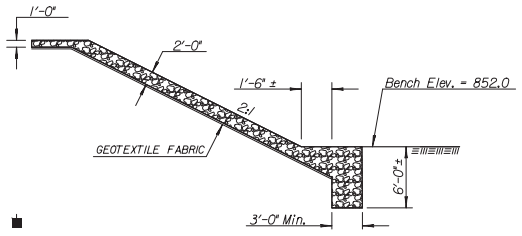


Vertical Curve Data

DRAINAGE DATA:

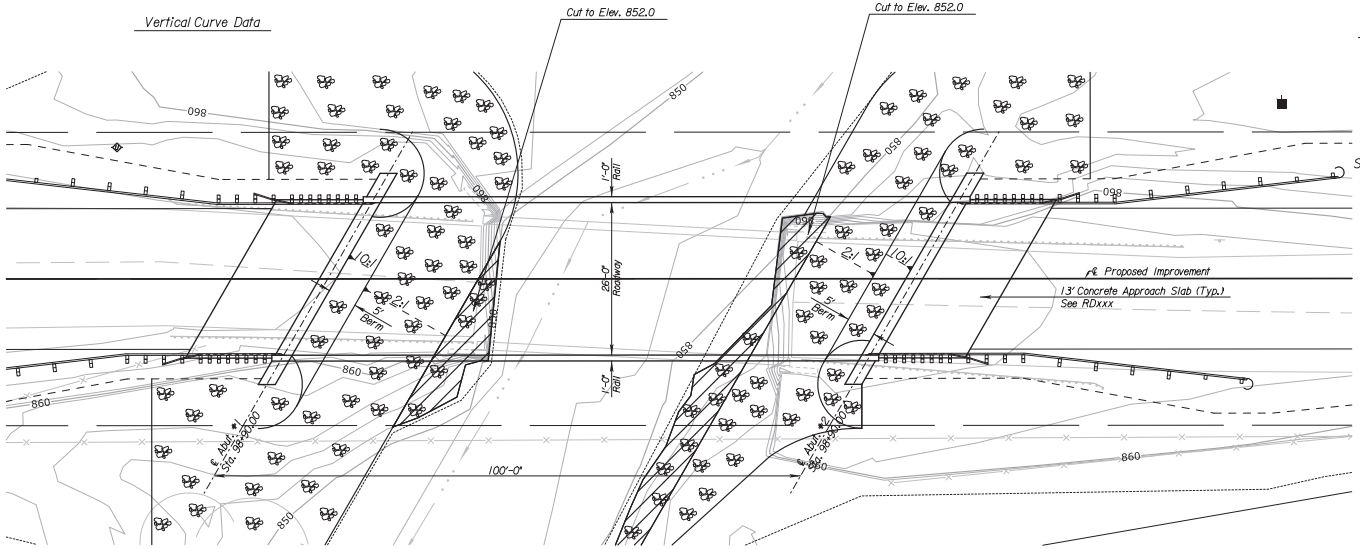
Drainage Area	10.9	Sq. Mi.
Design Frequency	25	Yr.
Design Discharge (Qdes)	7950	cfs
Design Velocity @ (Qdes)	5.9	fps
Design High Water Elevation	862.8	Ft.
Design Backwater	-0.18	Ft.
Design Backwater Elevation	862.6	Ft.
Overtopping Elevation (Sta. 49+81.64)	861.6	Ft.
Overtopping Discharge	7950	cfs
Overtopping Frequency	25	Yr.
Discharge @ (Q_{100})	11600	cfs
Backwater @ (Q_{100})	0.0	Ft.
Backwater Elevation @ (Q_{100})	863.4	Ft.
Historic Highwater Elevation	Unknown	Ft.
Ordinary Highwater Elevation	850.3	Ft.
Total Waterway Provided	1122	Sq. Ft.
Design Waterway Provided	1122	Sq. Ft.
Estimated Ordinary Highwater Discharge	120	cfs

Total Velocity	Existing	Proposed
@ Q2	4.6 ft/s	2.7 ft/s
@ Qdes	3.3 ft/s	5.9 ft/s
@ Q100	3.5 ft/s	6.8 ft/s



TYPICAL SLOPE PROTECTION

SLOPE PROTECTION (Riprap Stone): Place Slope Protection (Riprap Stone) to the limits and thickness shown on the plans or as directed by the Engineer. Use Riprap Stone Classified as Light 200 Pounds. Place a 10 foot wide mat of geotextile under the slope protection on the berm and berm slopes and centered on the drip lines of the slab. The geotextile shall not be paid for directly, but shall be considered subsidiary to the bid item "Slope Protection (Riprap Stone)".



PLAN

1" = 10'
Contour Interval = 2'

B.M. #1 Top of Driven "T" Post 1' S. of PP
Sta. 44+68.93, 27.67' Lt. Elev. = 873.25

B.M. #2 Top of Driven "T" Post 2' N. of PP
Sta. 48+94.60, 25.98' Lt. Elev. = 858.79

B.M. #3 Top of Driven "T" Post 1' S. of of PP
Sta. 50+82.97, 27.98' Lt. Elev. = 859.67

KANSAS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION LAYOUT

SHEET NO.	OF	SCALE	1"=10'	APP'D			
DESIGNED	JJM	DETAILED	JAD	QUANTITIES		CADD	JAD
DESIGN CK.	JMB	DETAIL CK.	JJM	QUAN. CK.	JJM	CADD CK.	JJM

CADconform Certify This File

Plotted By: cbutler
Plot Location:
File: 211800_Const Layout.dgn
Plot Date: 10-JUN-2022 11:25

CADconform Certify This File

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11C-5153-01	2023	7	14

SUMMARY OF TRAFFIC CONTROL DEVICES (FOR INFORMATION ONLY)

All traffic control devices shall be placed in accordance with the applicable KDOT Traffic Control Standards. The Contractor shall provide all signs and other traffic control devices for proper traffic control of all construction activities. Quantities listed are estimates only. Contractor operations may require additional signs and traffic control devises, this will be Subsidiary to the bid item "Traffic Control".

No Scale

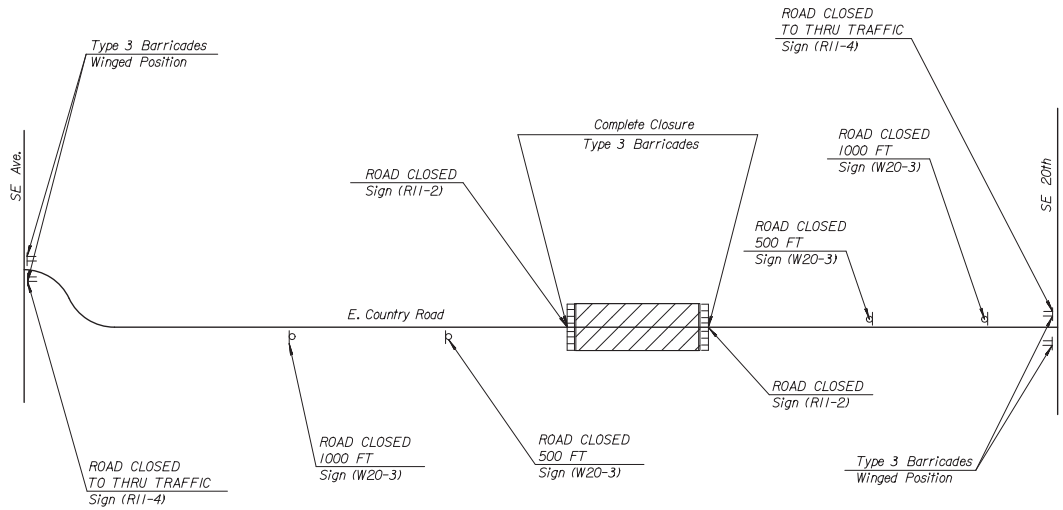
Summary Of Traffic Control Devices (Each)

Work Zone Sign (Special)		
Sign No.	16.25 Sq.Ft. & Less	16.26 Sq.Ft. & Over

Summary Of Traffic Control Devices ~~(Each Per Day)~~

✳ Quantity Most Used On The Project At Any One Time

Work Zone Signs ✳			
Sign No.	Size - Sq.Ft.		
	0-9.25	9.26-16.25	16.26 & Over
W20-7		2	
W20-3		4	
R11-2		2	
R11-4		2	



Recapitulation Of Quantities		
Item	Quantity	Unit
Work Zone Signs (O To 9.25 Sq.Ft.)		Each Per Day
Work Zone Signs (9.26 To 16.25 Sq.Ft.)		Each Per Day
Work Zone Signs (16.26 Sq.Ft. & Over)		Each Per Day
Work Zone Barricades (Type 3 - 4' To 12')		Each Per Day
Work Zone Barricades (Pedestrian)		Each Per Day
Channelizer (Fixed)		Each Per Day
Channelizer (Portable)		Each Per Day
Channelizer (Pedestrian)		Each Per Day
Work Zone Warning Light (Type "A" Low Intensity)		Each Per Day
Work Zone Warning Light (Red Type "B" High Intensity)		Each Per Day
Arrow Display		Each Per Day
Portable Changeable Message Sign		Each Per Day
Pavement Marking (Temporary)		
4" Solid (Type I)		Sta./Line
4" Solid (Type II)		Sta./Line
4" Broken (8.0') (Type I)		Sta./Line
4" Broken (8.0') (Type II)		Sta./Line
4" Broken (3.0') (Type I)		Sta./Line
4" Broken (3.0') (Type II)		Sta./Line
4" Dotted Extension (Type I)		Sta./Line
4" Dotted Extension (Type II)		Sta./Line
Solid (Line Masking Tape)		Sta./Line
Broken (Line Masking Tape)		Sta./Line
Symbol (Type I)		Each
Symbol (Type II)		Each
Flexible Raised Pavement Marker (4" Broken (8.0'))		Sta./Line
Flexible Raised Pavement Marker (4" Broken (3.0'))		Sta./Line
Pavement Marking Removal		Lin. Ft.
Work Zone Sign (Special) (16.25 Sq. Ft. & Less)		Each
Work Zone Sign (Special) (16.26 Sq. Ft. & More)		Each
Rigid Raised Pavement Marker (Type I)		Each
Rigid Raised Pavement Marker (Type II)		Each
Traffic Signal Installation (Temporary)		Lump Sum
Traffic Control (Initial Set Up)		Lump Sum
Traffic Control	Lump Sum	Lump Sum
Flagger (Set Price)	1	Hour

Barricades ✳		Channelizing Devices ✳		
Type 3 (4' To 12')	Pedestrian	Fixed	Portable	Pedestrian
10				

Lighted Devices ✳	
Work Zone Warning Light (Type "A" Low Intensity)	8
Work Zone Warning Light (Red Type "B" High Intensity)	
Arrow Display	
Portable Changeable Message Sign	

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

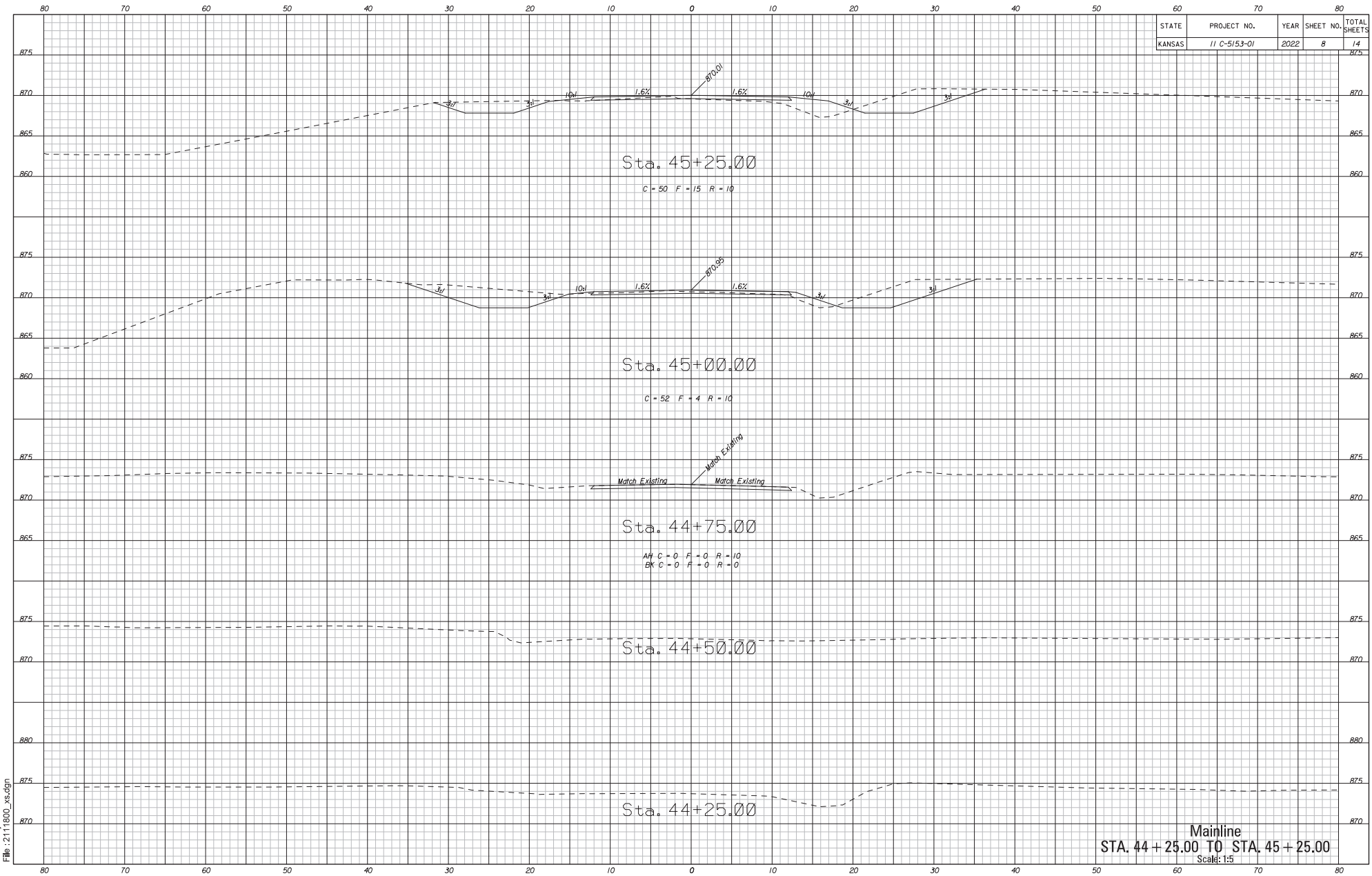
TRAFFIC CONTROL
SUMMARY OF DEVICES
RECAPITULATION OF QUANTITIES

TE795

FHWA APPROVAL		06/01/15	APP'D	Kristina Erickson	
DESIGNED	B.A.K.	DETAILED	R.W.B.	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.		QUAN. CK.	TRACE CK.

Plotted : 10-JUN-2022 11:25
Drawn By : cbutler
File : 2111800_te795.dgn

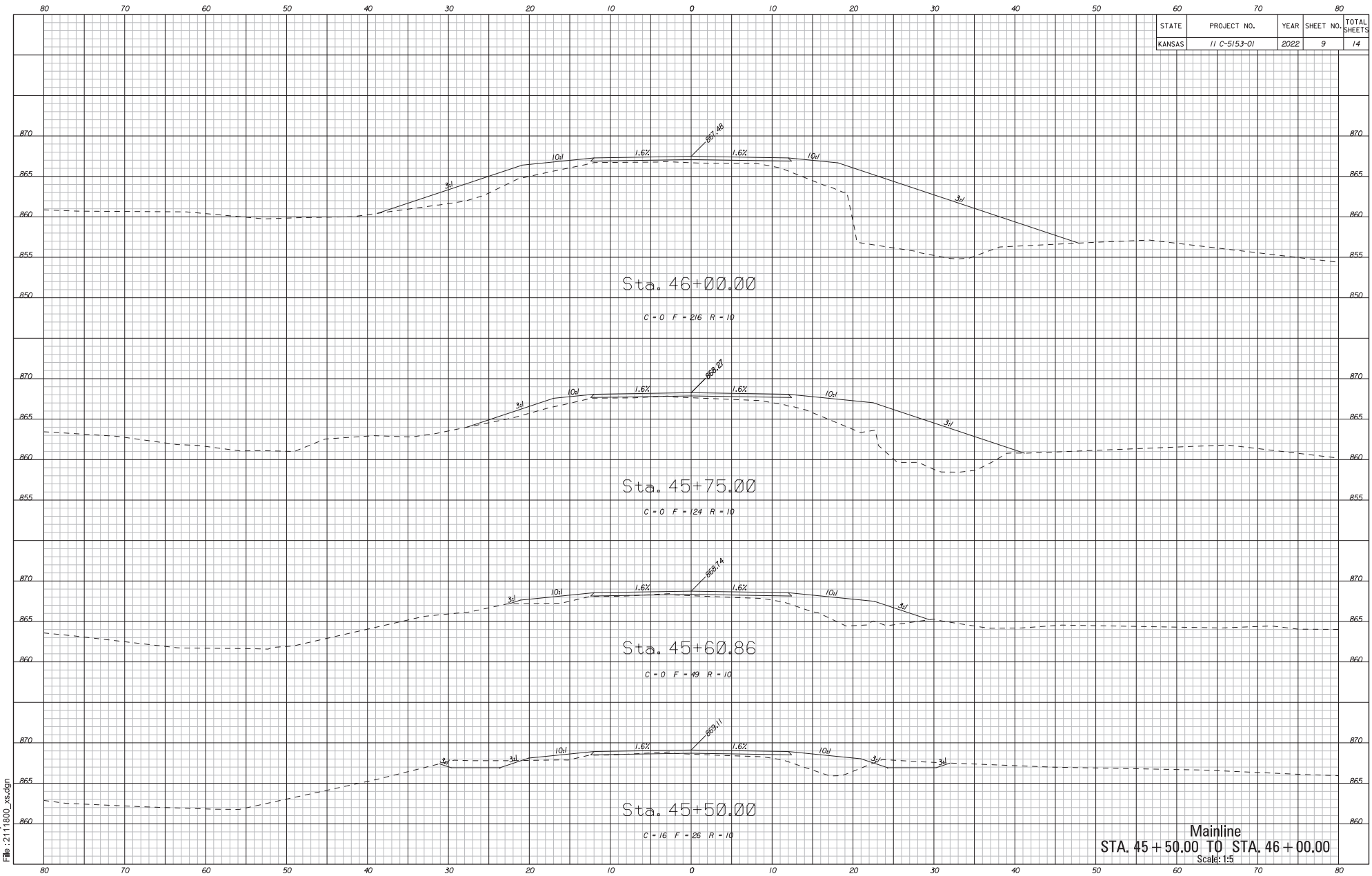
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2022	8	14



Mainline
STA. 44 + 25.00 TO STA. 45 + 25.00
Scale: 1:5

Plotted : 10-JUN-2022 11:25
Drawn By : cbuller
File : 2111800_xs.dgn

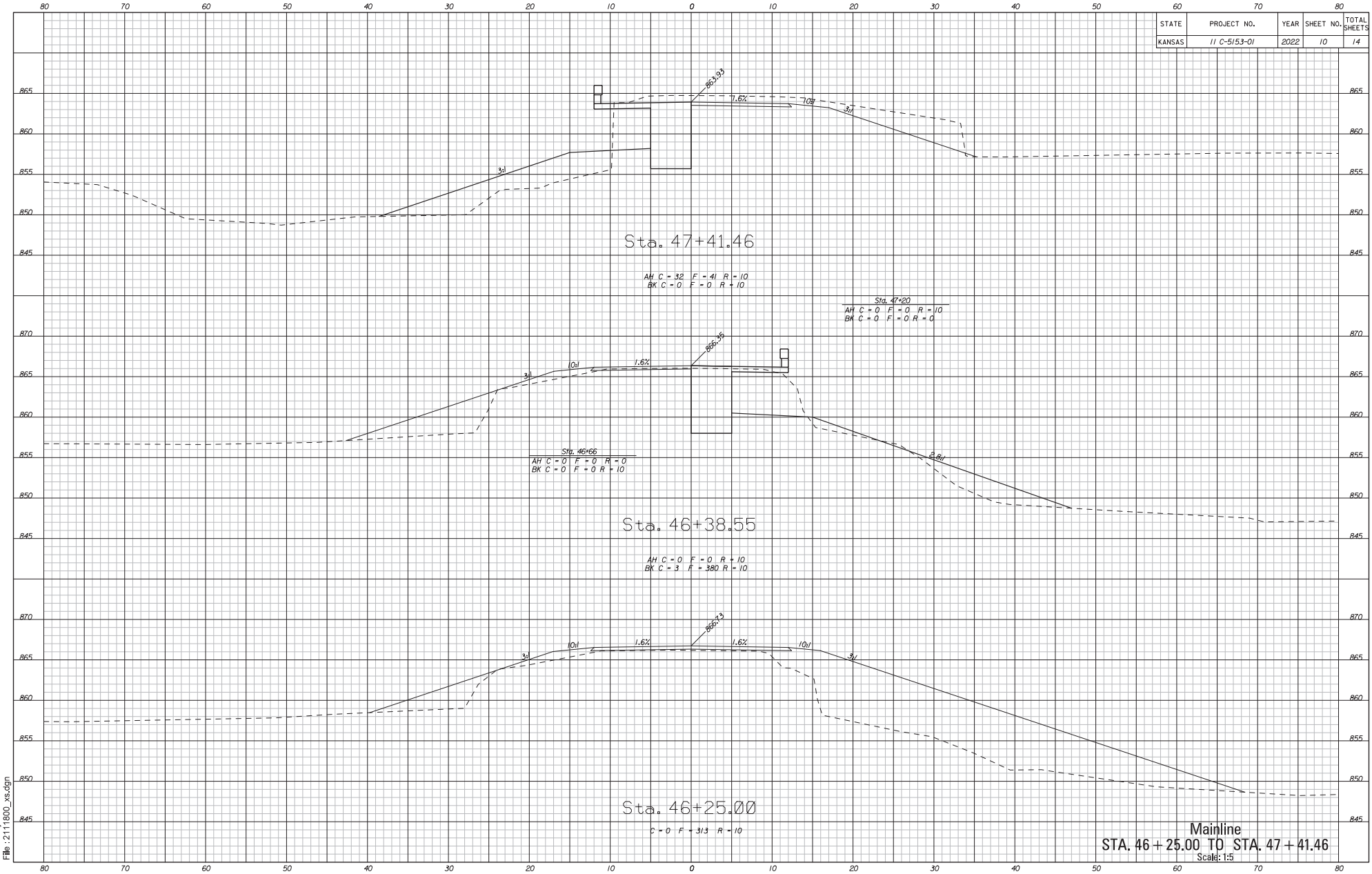
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2022	9	14



Mainline
STA. 45 + 50.00 TO STA. 46 + 00.00
Scale: 1:5

Plotted : 10-JUN-2022 11:25
Drawn By : cbutler
File : 2111800_xs.dgn

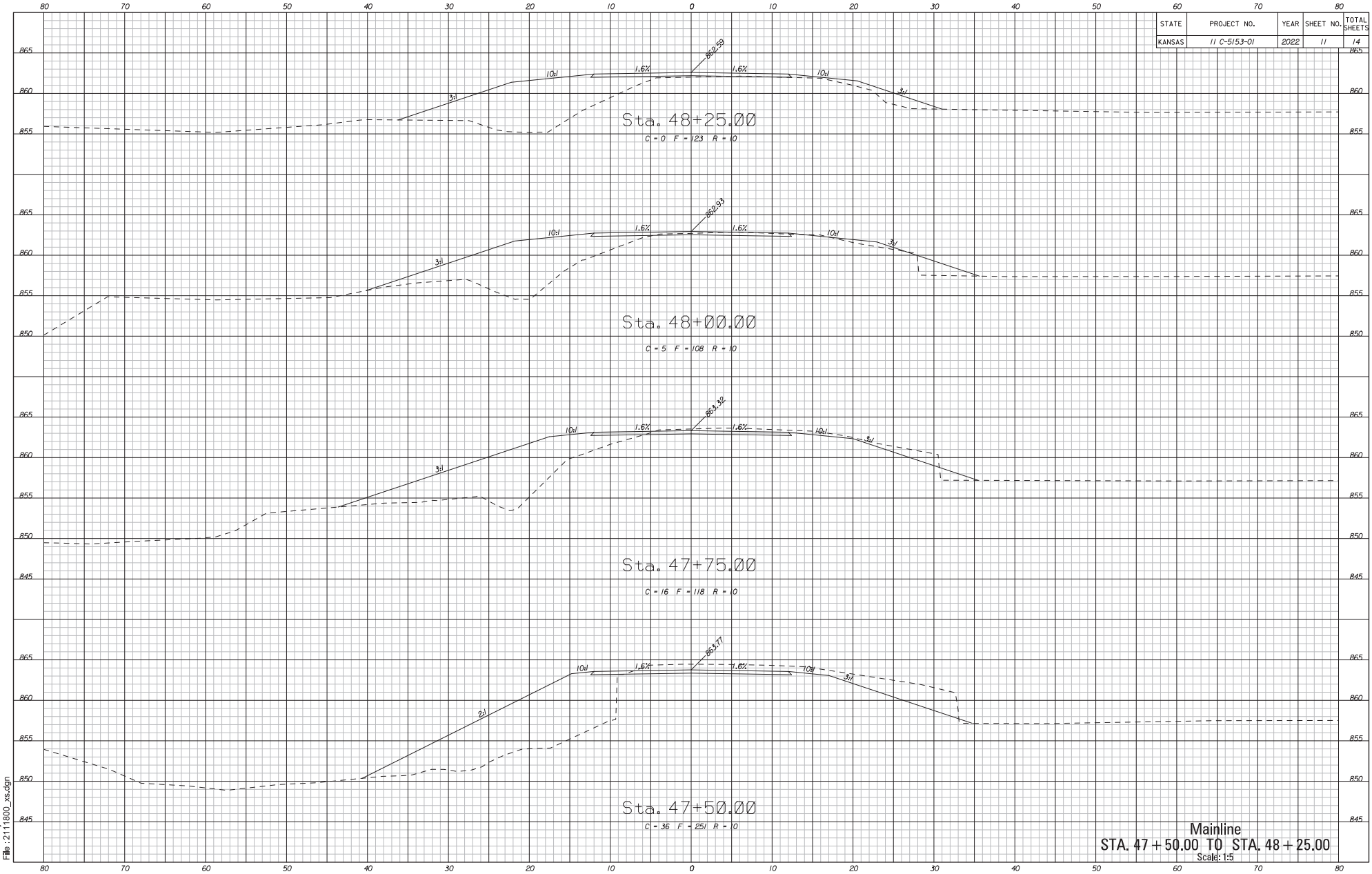
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2022	10	14



Mainline
STA. 46+25.00 TO STA. 47+41.46
Scale: 1:5

Plotted : 10-JUN-2022 11:25
Drawn By : cbuller
File : 2111800_xs.dgn

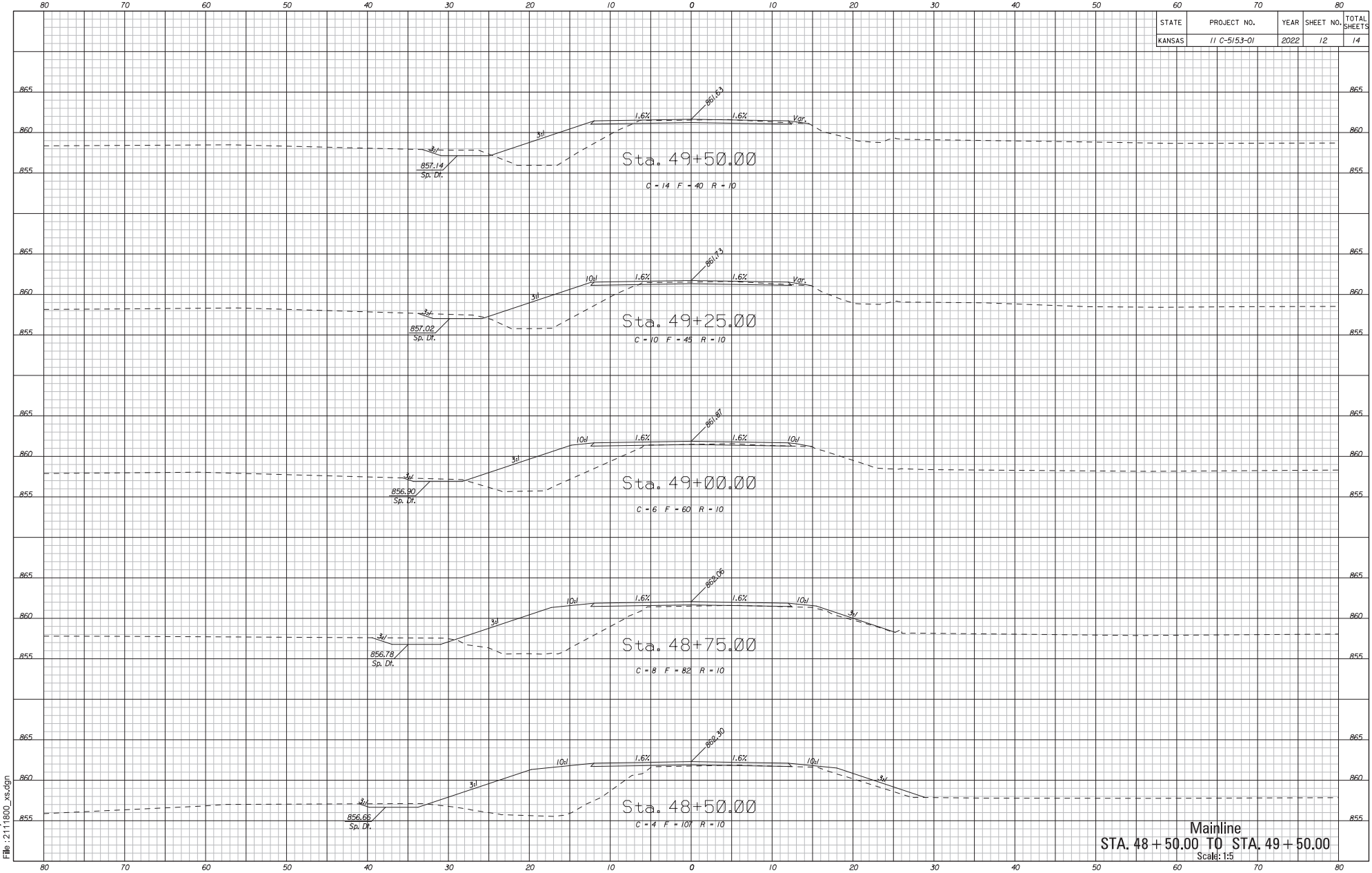
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2022	11	14



Mainline
STA. 47 + 50.00 TO STA. 48 + 25.00
Scale: 1:5

Plotted : 10-JUN-2022 11:25
Drawn By : cbuller
File : 2111800_xs.dgn

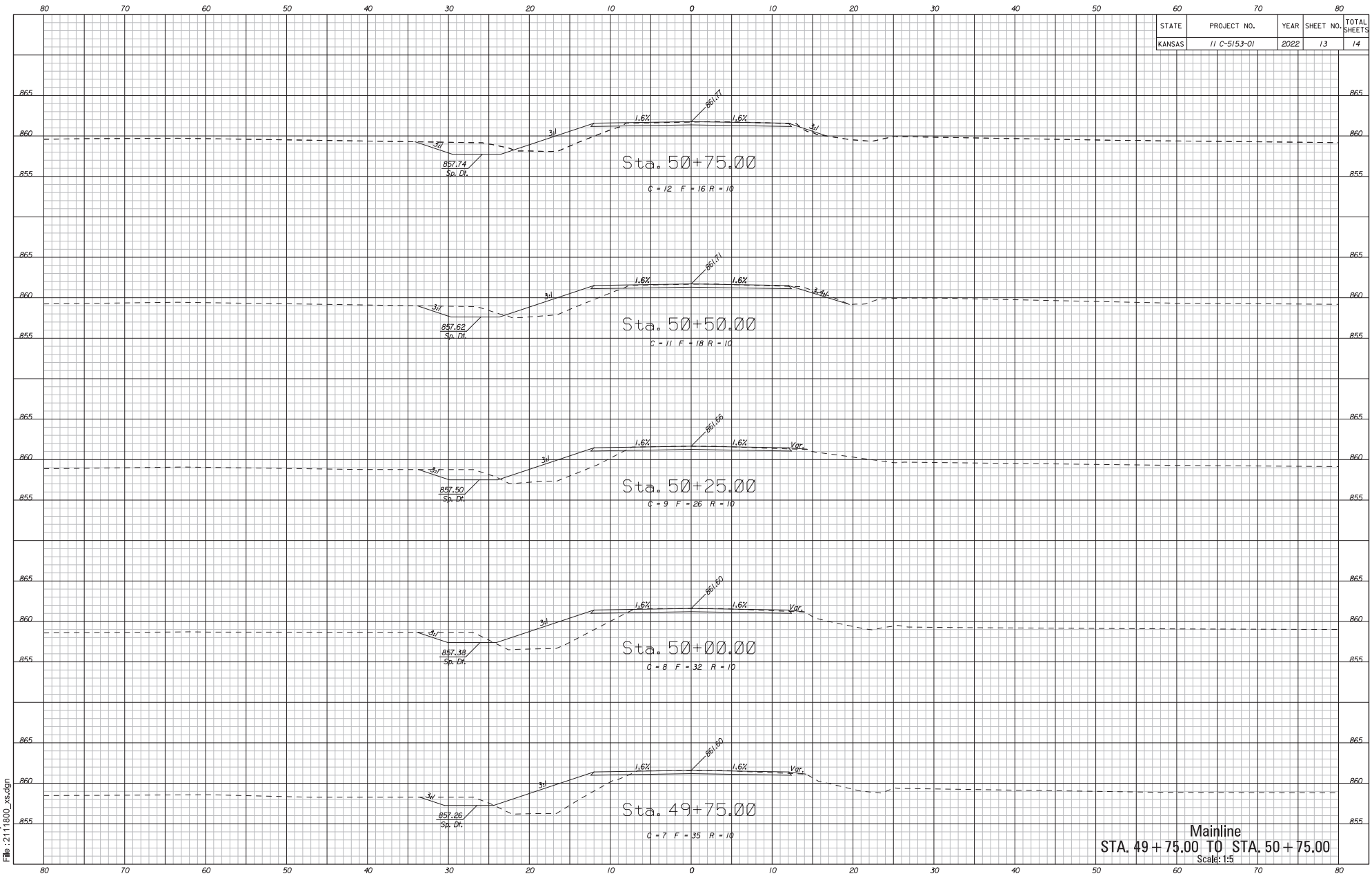
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2022	12	14



Mainline
STA. 48 + 50.00 TO STA. 49 + 50.00
Scale: 1:5

Plotted : 10-JUN-2022 11:25
Drawn By : cbutler
File : 2111800_xs.dgn

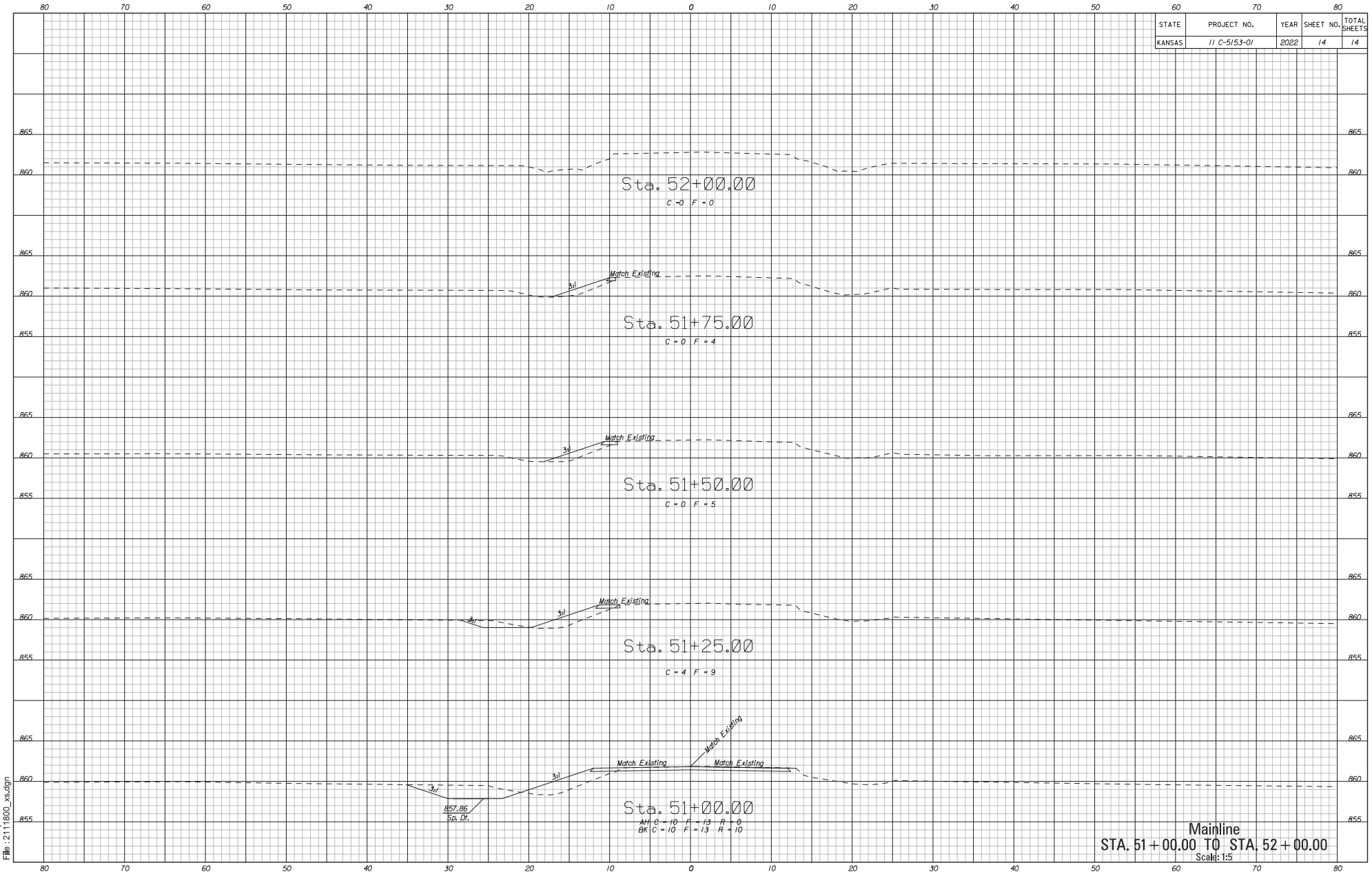
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2022	13	14



Mainline
STA. 49 + 75.00 TO STA. 50 + 75.00
Scale: 1:5

Plotted : 10-JUN-2022 11:25
Drawn By : cbuller
File : 2111800_xs.dgn

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	11 C-5153-01	2022	14	14



Mainline
STA. 51+00.00 TO STA. 52+00.00
Scale: 1:5

Plotted : 10-JUN-2022 11:25
Drawn By : cbutler
File : 2111800_xs.dgn