STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	869	1055

PROJ. 54-87 KA-2382-01
NHPP-A238(201)

GRADING
SURFACING
CONCRETE PAVEMENT
STORM SEWER
SANITARY SEWER
WATERLINE
WALLS
BRIDGES
SEEDING
SODDING
ROADSIDE IMPROVEMENT
LIGHTING
TRAFFIC SIGNALIZATION
ITS
SIGNING
PAVEMENT MARKING

INDEX OF SHEETS

VOLUME 1 - ROADWAY
VOLUME 2 - DRAINAGE, SEWER, WATER
VOLUME 3 - RETAINING WALLS, BRIDGES
VOLUME 4 - SUMMARY OF QUANTITIES, POLLUTION CONTROL LANDSCAPING, LIGHTING, SIGNAL, ITS
VOLUME 5 - PAVEMENT MARKING, SIGNING, CONSTRUCTION SEQUENCE, TRAFFIC CONTROL, RIGHT-OF-WAY
VOLUME 6 - CROSS SECTIONS
SEE SHEET NO. 870 FOR INDEX SHEET

STATE OF KANSAS

DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED

STATE HIGHWAY

FEDERAL AID PROJECT

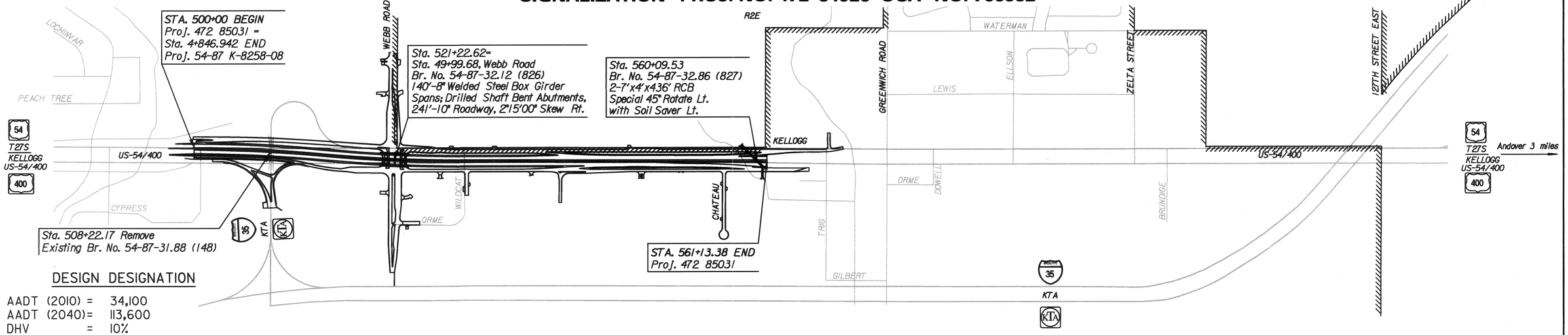
CITY OF WICHITA

SEDGWICK COUNTY

EAST KELLOGG (US-54/400) - WEBB/KTA INTERCHANGE

PAVING PROJ. NO. 472-85031 OCA NO. 705011
SEWER PROJ. NO. 468-84876 OCA NO. 624107
WATER PROJ. NO. 448-90591 OCA NO. 635815
SIGNALIZATION PROJ. NO. 472-84926 OCA NO. 766332

SCALE
500' 0 500' 1000'



DESIGN DESIGNATION

AADT (2010)	=	34,100
AADT (2040)	=	113,600
DHV	=	10%
D	=	0.5 (EB)
T	=	7%
V	=	70 MPH (US54)
V	=	40 MPH (FR. RDS. & SIDEROADS)
C of A	=	FULL
Clear Zone	=	6' FROM BACK OF CURB (FR. RDS. & SIDEROADS)
Clear Zone	=	34' (US-54)

CONVENTIONAL SIGNS

COUNTY LINE		CENTER LINE OF PROJECT	50 1
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	
GUARD FENCE		MARSH	
CONSTRUCTION LIMITS		HEDGE	
RIGHT OF WAY LINE		TREES	
TRAVELED WAY		PROFILE ELEVATION	1172.18 +50
RAILROADS		STREAM or CREEK	

CITY OF WICHITA
POPULATION 366,046

GROSS LENGTH OF PROJECT	6,113.38 FT.	
EXCEPTIONS	0.00	
ADDITIONS	0.00	
NET LENGTH OF PROJECT	6,113.38 FT.	1.158 MILES
NET LENGTH OF BRIDGES	0.00 FT.	0.00 MILES
NET LENGTH OF ROAD	6,113.38 FT.	1.158 MILES

NOTE:
Traffic for US-54 to be carried through construction.
See Sheet No's. 724- 826 for Construction Sequence.

RONALD HUERSCHEN LICENSED 13738 04-16-15 KANSAS PROFESSIONAL ENGINEER

ABDEL HAMADA LICENSED 14148 04-16-2015 KANSAS PROFESSIONAL ENGINEER

PLANS PREPARED BY :
PARSONS BRINCKERHOFF
Baughman
TranSystems
SRE Consulting Group, Inc. | Engineers Planners Designers
VICKI SCURI SITEWORKS

APPROVED - DATE
04/16/15
GARY JANZEN, P.E. CITY ENGINEER
CITY OF WICHITA, KANSAS

DATE | BY | SURVEY | CADD TECHNICIAN | DESIGNERS | SQUAD

Drawn By : | Plotted : 4/15/2015
File : T:\357654\Cadd\Sheets\Package\General\EK1WLTSHO6A.dgn

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	870	1055

VOLUME 1

1	Title Sheet
2	Index Sheet
3	General Notes
4-21	Typical Sections
22	Foundation Treatment & Compaction of Earthwork
23-33	Plan & Profile (Mainline)
34-53	Plan & Profile (Frontage Road)
54-64	Plan & Profile (Sideroad)
65-75	Plan & Profile (Ramp)
76-77	Plan & Profile (Permanent Crossover)
78-87	Plan & Profile (Temporary Road)
88- 99	Benchmarks & Survey Coordinates
100-118	Intersection Details
119-140	Paving Details
141-158	Pavement Details

VOLUME 2

159	Title Sheet
160	Index Sheet
161-175	Inlet and Manhole Details
176-178	RCB Details
179-200	Storm Sewer Plan & Profile (Mainline)
201-227	Strom Sewer Plan & Profile (Frontage Road)
228-234	Storm Sewer Plan & Profile (Sideroad)
235-237	Storm Sewer Plan & Profile (Ramp)
238-242	Schedule of Storm Sewer Conduits
243-246	Schedule of Inlets and Manholes
247	Ditch Lining
248-250	Underdrains
251-252	Sanitary Sewer Manhole Details
253-256	Sanitary Sewer Plan & Profile
257	Sanitary Sewer Summary
258-262	Water Line Details
263- 271	Water Line Plan & Profile (Mainline)
272-274	Water Line Plan & Profile (Sideroad)
275	Water Line Summary
276-290	Concrete Safety Barrier
291	Impact Attenuator
292-294	End Sections
295	Miscellaneous Pipe Culvert Details
296	Summary of Pipe Culverts
297	Drainage Data Sheet

VOLUME 3

298	Title Sheet
299	Index Sheet
300-338	Retaining Walls
339-368	Pattern Mapping
369-375	Bridge No. 54-87-32.86 (827)
376-452	Bridge No. 54-87-32.12 (826)
453	Standard Pile Details
454	Bridge Excavation
455	Supports and Spacers for Reinforcing Steel

VOLUME 4

456	Title Sheet
457	Index Sheet
458-463	Summary of Quantities
464-481	Temporary Erosion and Pollution Control Plan
482-486	Erosion Control Details
487	Sidewalk Plan and Profile
488-490	Roadside Improvement
491- 516	Landscaping
517-537	Lighting
538	Traffic Volumes
539-558	Traffic Signal
559-565	Communication Duct Bank
566- 614	ITS

VOLUME 5

615	Title Sheet
616	Index Sheet
617-629	Pavement Marking
630- 721	Signing
723	Project Surfacing
724-826	Construction Sequence
827-848	Traffic Control
849-853	Concrete Safety Barrier (Temporary)
854	Impact Attenuator (Temporary)
855	Inertial Barrier
856	Type III Barricades
857-867	Right-of-Way
868	Drainage Map

VOLUME 6

869	Title Sheet
870	Index Sheet
871-872	Earthwork Computations
873- 910	Cross Sections (Mainline)
911- 972	Cross Sections (Frontage Road)
973-1001	Cross Sections (Sideroad)
1002-1035	Cross Sections (Ramp)
1036-1039	Cross Sections (Permanent Crossover)
1040-1055	Cross Sections (Temporary Road)

CITY OF WICHITA

INDEX SHEET

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	871	1055

BALANCE 1- PHASE 1- EARTHWORK TOTALS

STATION to STATION		EXCAVATION						*** WALL EXCAVATION				OVEREXCAVATION				COMPACTION			PLACE SELECT SOIL	** WASTE
		COMMON		HIGH WEATH. SHALE		* ROCK (EX. PVMT.)		COMMON		HIGH WEATH. SHALE		COMMON	H.W. SHALE	SELECT FILL	TYPE AA MR-0-5	TYPE AA MR-0-5	TYPE A MR-5-5	TYPE B MR-90		
		CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.
Mainline Widening																				
529+60.00	*545+54.27*	*309*															*133*			
TOTALS		*309*	*0.80*	*0*	*0.80*	*0*	*1.00*	*0*	*0.80*	*0*	*0.80*	*0*	*0*	*0*	*0*	*0*	*133*	*0*	*0*	*114*

BALANCE 1- PHASE 2 - EARTHWORK TOTALS

STATION to STATION		EXCAVATION						*** WALL EXCAVATION				OVEREXCAVATION				COMPACTION			PLACE SELECT SOIL	** WASTE
		COMMON		HIGH WEATH. SHALE		* ROCK (EX. PVMT.)		COMMON		HIGH WEATH. SHALE		COMMON	H.W. SHALE	SELECT FILL	TYPE AA MR-0-5	TYPE AA MR-0-5	TYPE A MR-5-5	TYPE B MR-90		
		CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.
Mainline																				
539+32.20	*542+32.84*	*61*										*199*		*199*	*199*		*24*			
South Frontage Road																				
1510+24.71	*1518+71.38*	*2,330*				*575*										*141*	*5,407*			
1519+46.58	*1568+45.00*	*19,401*				*2,897*										*42*	*5,746*			
North Frontage Road																				
2520+03.01	*2534+92.08*	*10,064*				*1,772*										*90*	*121*			
Webb Road																				
38+70.00	*47+67.30*	*2,281*				*693*										*3*	*83*			
52+18.26	*62+70.00*	*5,299*				*1,010*										*69*	*1,620*			
Orme																				
100+72.03	*102+90.00*	*1,101*				*319*											*2*			
Wildcat																				
100+24.00	*102+80.00*	*1,416*				*336*											*9*			
Tractor Supply																				
100+24.00	*100+65.24*	*171*				*9*											*2*			
Club Rodeo																				
100+24.00	*103+56.16*	*1,021*				*222*											*44*			
CarMax																				
100+24.00	*100+98.00*	*304*				*80*														
Chateau																				
100+24.00	*107+60.00*	*2,690*															*22*			
Drainage Ditch		*† 237*																		
Ramp B																				
10511+71.22	*10512+26.06*	*11*										*5*		*5*	*5*	*61*	*732*			
Ramp H																				
10536+11.77	*10539+33.06*	*184*										*223*		*223*	*223*		*15*			
Crossover A																				
5+00.00	*14+70.72*	*1,453*															*865*			
Ramp BB																				
5+00.00	*10+35.52*	*1,736*															*200*			
Ramp CC																				
7+00.00	*13+50.00*	*3,117*															*54*			
Webb Road Widening																				
62+10.00	*63+48.83*	*41*				*6*											*29*			
Wall B						*334*		*7,604*		*3,049*										
TOTALS		*52,918*	*0.80*	*0*	*0.80*	*8,253*	*1.00*	*7,604*	*0.80*	*3,049*	*0.80*	*427*	*0*	*427*	*427*	*406*	*14,975*	*0*	*0*	*35,286*

BALANCE 1- PHASE 3 - EARTHWORK TOTALS

STATION to STATION		EXCAVATION						*** WALL EXCAVATION				OVEREXCAVATION				COMPACTION			PLACE SELECT SOIL	** WASTE
		COMMON		HIGH WEATH. SHALE		* ROCK (EX. PVMT.)		COMMON		HIGH WEATH. SHALE		COMMON	H.W. SHALE	SELECT FILL	TYPE AA MR-0-5	TYPE AA MR-0-5	TYPE A MR-5-5	TYPE B MR-90		
		CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.
South Frontage Road																				
1518+71.38	*1519+46.58*	*24*				*127*										*75*	*55*			
North Frontage Road																				
2498+50.00	*2520+03.01*	*15,037*				*866*						*1,049*		*1,049*	*1,049*	*536*	*12,806*			
Ramp A																				
20498+02.39	*20500+78.82*	*153*				*56*						*237*		*237*	*237*		*1*			
Ramp C																				
10499+02.62	*10510+65.77*	*2,198*				*335*						*865*		*865*	*865*	*733*	*1,328*			
Ramp DD																				
1546+00.00	*1555+25.00*	*2,693*															*583*			
Ramp FF																				
5+00.00	*8+78.05*	*1,193*																		
Ramp HH																				
5+00.00	*7+96.26*	*1,575*																		
Mainline Widening																				
554+08.60	*564+57.74*	*29*															*392*			
Wall A						*434*		*25,327*		*10,567*										
Wall C								*242*												
TOTALS		*22,902*	*0.80*	*0*	*0.80*	*1,818*	*1.00*	*25,569*	*0.80*	*10,567*	*0.80*	*2,151*	*0*	*2,151*	*2,151*	*1,344*	*15,165*	*0*	*0*	*30,721*

* *All Existing Pavement to be Wasted and shall be paid for as the Bid Item "Pavement Removal" measured in square yards.*
** *Does not include pavement to be wasted.*
*** *Assumed Volumes - Subsidiary to the construction of the wall.*
† *All excavation for the construction of the drainage ditch at 10603 E. Kellogg shall be stockpiled outside of the limits of the drainage easement on the adjacent property. The Contractor shall coordinate the stockpile location with the property owner prior to beginning excavation. All coordination, labor and materials to stockpile the excavation shall be SUBSIDIARY to the bid item "Common Excavation".*

CITY OF WICHITA

EARTHWORK COMPUTATIONS

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	872	1055

BALANCE 1- PHASE 4 - EARTHWORK TOTALS

STATION to STATION		EXCAVATION						*** WALL EXCAVATION				OVEREXCAVATION				COMPACTION			PLACE SELECT SOIL	** WASTE
		COMMON		HIGH WEATH. SHALE		* ROCK (EX. PVMT.)		COMMON		HIGH WEATH. SHALE		COMMON	H.W. SHALE	SELECT FILL	TYPE AA MR-0-5	TYPE AA MR-0-5	TYPE A MR-5-5	TYPE B MR-90		
		CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.
Mainline																				
537+81.01	539+46.00	220				14						137		137	137		2			
559+30.74	560+44.19	49				56						88		88	88		5			
South Frontage Road																				
1517+91.37	1519+46.63	61				145										54	114			
North Frontage Road																				
2518+63.52	2520+06.01	24				216										94	82			
2534+92.08	2567+88.25	12,293				1,607											5,205			
Webb Road																				
38+70.00	47+67.30	2,110				1,243										172	680			
52+18.26	62+10.00	2,351				739										11	1,382			
Corporate Hills																				
201+68.77	202+59.00	184				267														
Maxwell																				
200+25.62	201+58.99	386				150														
KTA Drive																				
100+00.00	100+92.50	280				115														
Golden Corral																				
200+24.00	201+94.88	286				122											33			
Ramp B																				
10497+37.46	10511+84.93	4,374				528						898		898	898	815	3,985			
Ramp C																				
10505+51.59	10510+65.77	711				235						233		233	233	88	125			
Ramp D																				
10502+76.98	10508+29.24	14,148				833						1,043		1,043	1,043		32			
Ramp E																				
1503+38.74	1505+64.87	11,096				434						280		280	280	58	265			
Ramp J																				
20560+43.13	20566+04.63	202				231						337		337	337		23			
Crossover B		124				379											2			
Wall B						525		20,152		5,368										
TOTALS		48,899	0.80	0	0.80	7,839	1.00	20,152	0.80	5,368	0.80	3,016	0	3,016	3,016	1,292	11,935	0	0	46,308

BALANCE 1- PHASE 5 - EARTHWORK TOTALS

STATION to STATION		EXCAVATION						*** WALL EXCAVATION				OVEREXCAVATION				COMPACTION			PLACE SELECT SOIL	** WASTE
		COMMON		HIGH WEATH. SHALE		* ROCK (EX. PVMT.)		COMMON		HIGH WEATH. SHALE		COMMON	H.W. SHALE	SELECT FILL	TYPE AA MR-0-5	TYPE AA MR-0-5	TYPE A MR-5-5	TYPE B MR-90		
		CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.	CU. YDS.
Mainline																				
498+19.72	561+13.68	148,237		164,868		10,469						21,056	20,761	41,817	41,817	4,535	4,490			
South Frontage Road																				
1510+24.71	1510+98.33	4															130			
1513+84.00	1517+91.40	293				15										27	1,232			
1519+46.58	1521+25.40	442				68										17	25			
North Frontage Road																				
2520+03.74	2524+50.00	1,430				168										17	29			
Webb Road																				
31+10.00	47+67.30	275				172										41	308			
52+18.26	63+48.84	530				801										27	2,826			
Ramp B																				
10510+23.81	10512+26.06	503				6						26		26	26	3	621			
Ramp D																				
10502+76.98	10508+29.24	7,062				223						139		139	139		35			
Ramp H																				
10538+43.69	10539+33.06	45										45		45	45					
Ramp J																				
20560+43.13	20562+60.82	305				394						570		570	570		89			
Landscaping																				
North Site Grading		19,067																74,588		
South Site Grading		2,788																3,731		
Webb Disks																				
NW		62																2,481		
SW		315																1,099		
NE		92																1,200		
SE		1,882																10		
TOTALS		183,332	0.80	164,868	0.80	12,316	1.00	0	0.80	0	0.80	21,836	20,761	42,597	42,597	4,667	9,785	83,109	0	180,999

* All Existing Pavement to be Wasted and shall be paid for as the Bid Item "Pavement Removal" measured in square yards.
** Does not include pavement to be wasted.
*** Assumed Volumes - Subsidiary to the construction of the wall.

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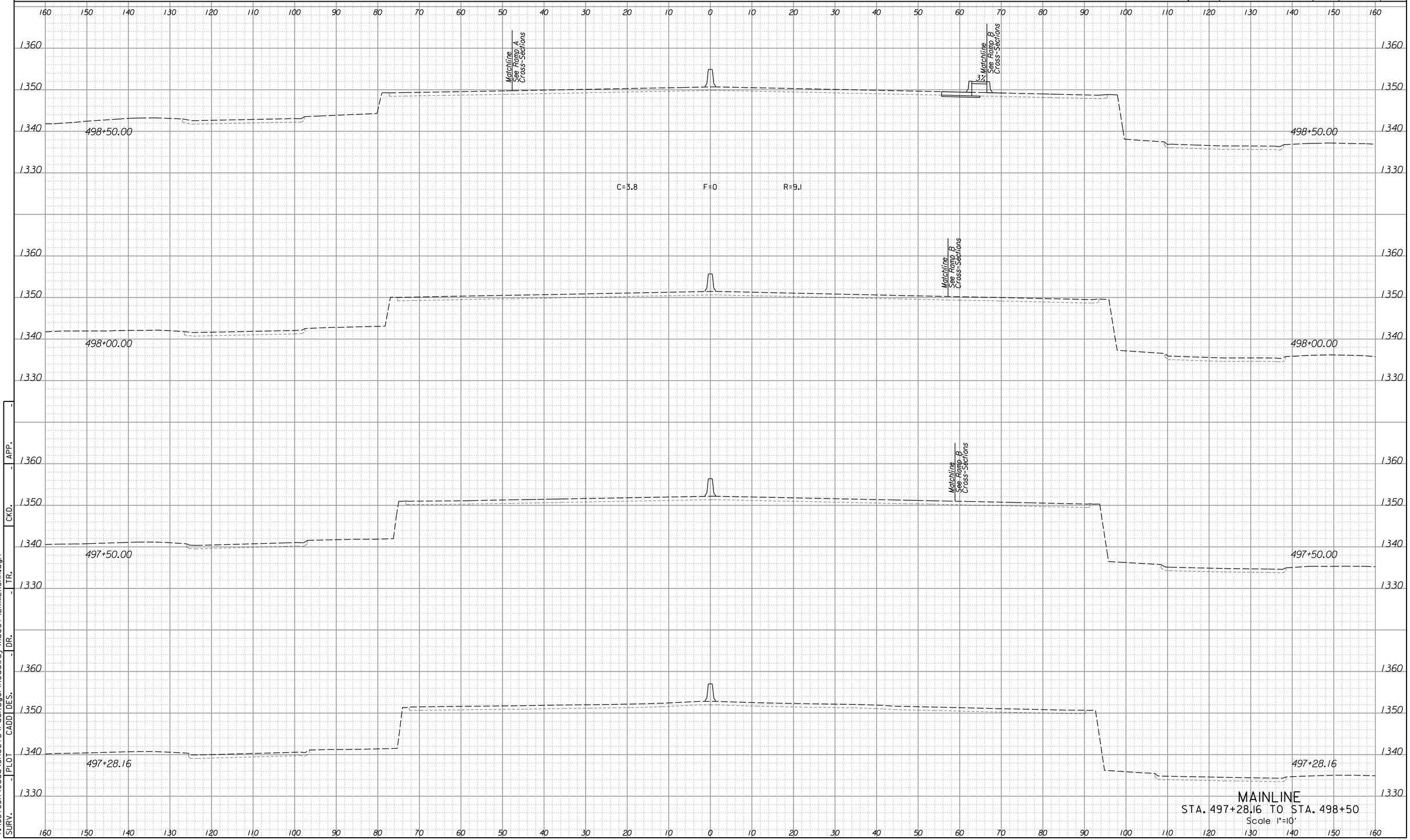
CITY OF WICHITA

EARTHWORK COMPUTATIONS

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	873	1055



MAINLINE
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Scale 1"=10'

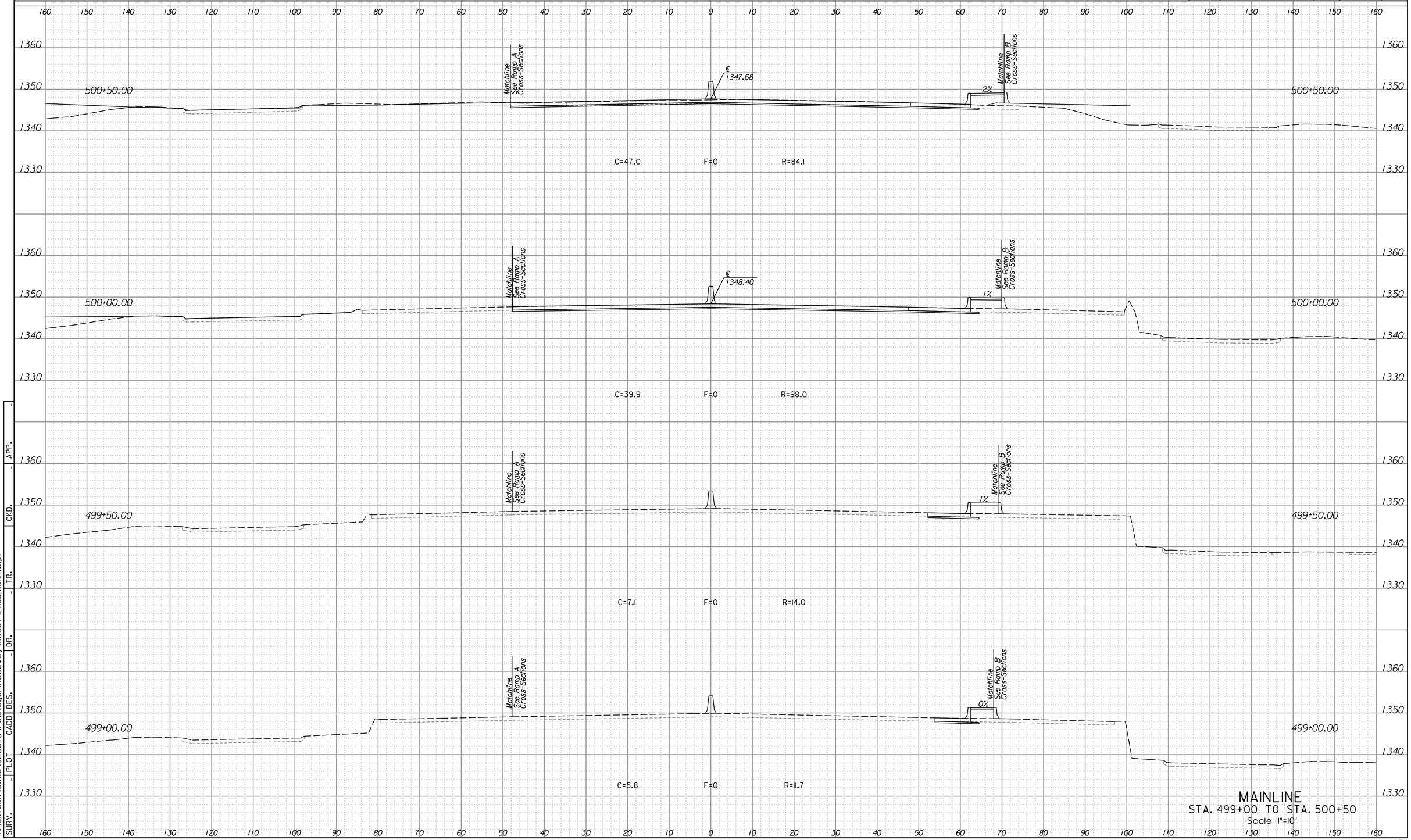
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	874	1055



MAINLINE
STA. 499+00 TO STA. 500+50
Scale 1"=10'

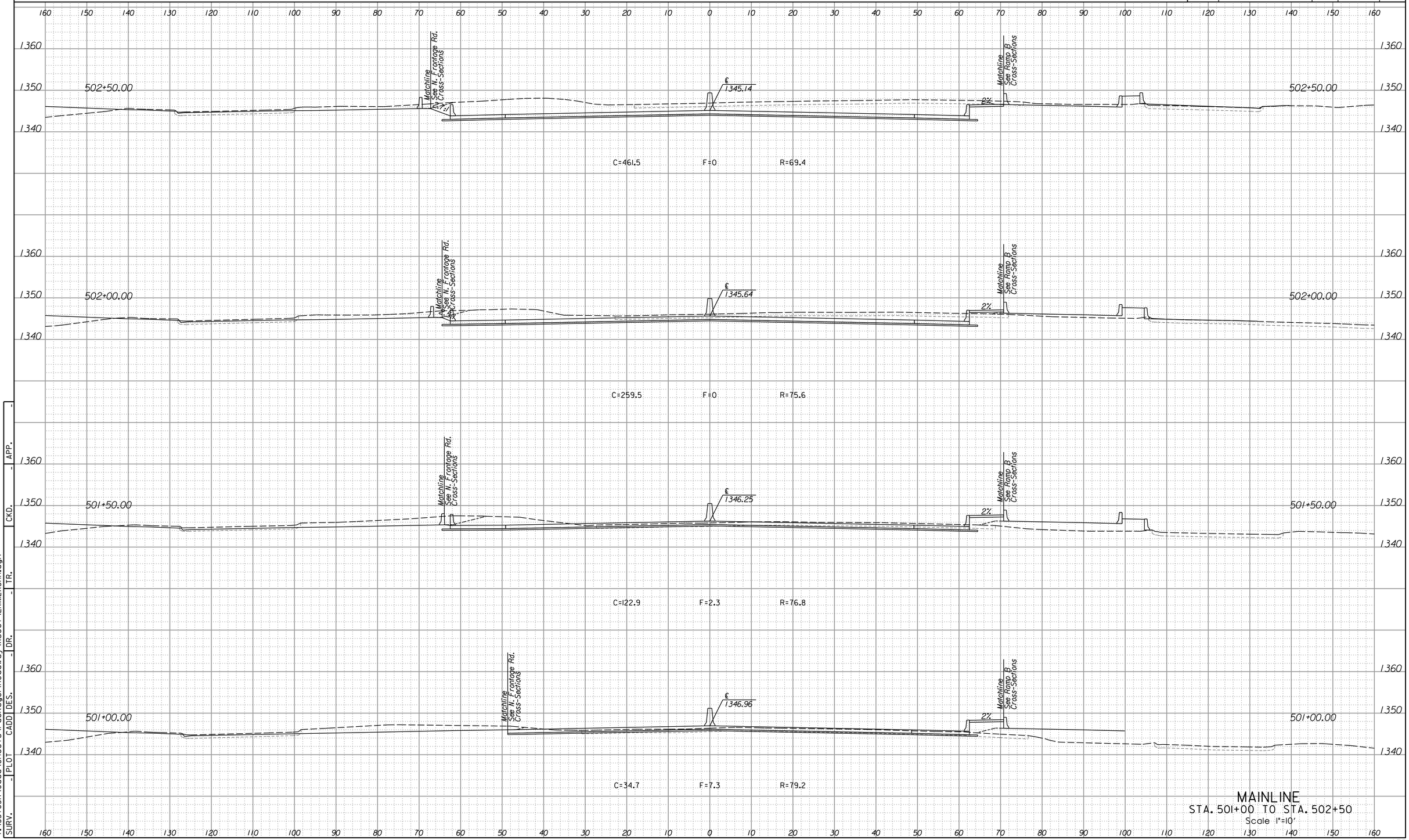
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	875	1055



MAINLINE
STA. 501+00 TO STA. 502+50
Scale 1"=10'

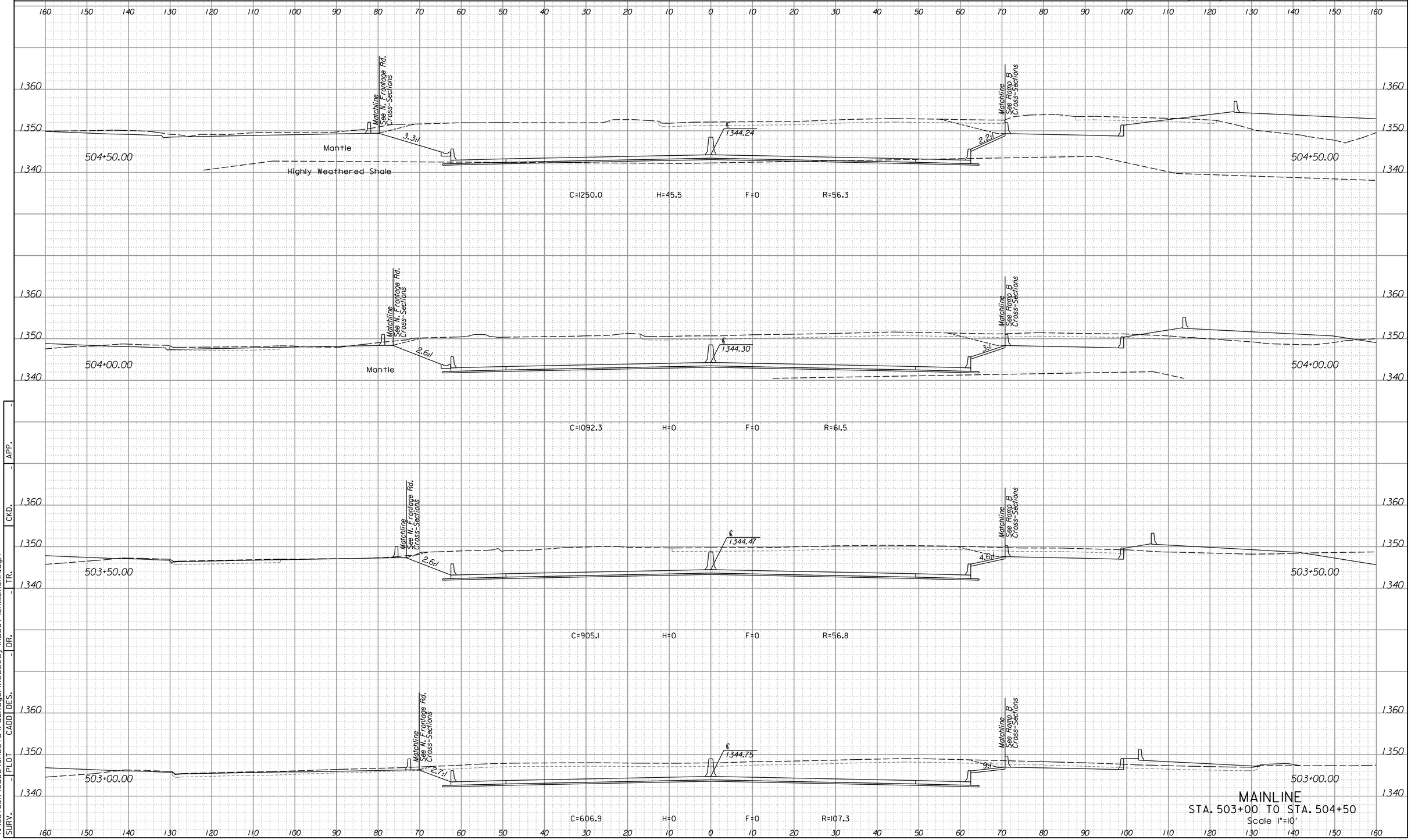
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	876	1055



MAINLINE
STA. 503+00 TO STA. 504+50
Scale 1"=10'

SURV.	-	PLOT	-	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.	-

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	877	1055

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

1360
1350
1340

506+50.00

Matchline See N. Frontage Rd. Cross-Sections

Mantle

4.5:1

℄ 1344.76

4:1

Matchline See Ramp B Cross-Sections

506+50.00

Highly Weathered Shale

C=945.2 H=742.9 F=0 R=31.8

506+00.00

Matchline See N. Frontage Rd. Cross-Sections

Mantle

3.4:1

℄ 1344.60

4:1

Matchline See Ramp B Cross-Sections

506+00.00

Highly Weathered Shale

C=1093.3 H=694.4 F=0 R=35.6

505+50.00

Matchline See N. Frontage Rd. Cross-Sections

Mantle

3.4:1

℄ 1344.44

4:1

Matchline See Ramp B Cross-Sections

505+50.00

Highly Weathered Shale

C=1028.9 H=584.0 F=0 R=39.7

505+00.00

Matchline See N. Frontage Rd. Cross-Sections

Mantle

3.4:1

℄ 1344.29

2.8:1

Matchline See Ramp B Cross-Sections

505+00.00

Highly Weathered Shale

C=1032.4 H=393.2 F=0 R=44.3

MAINLINE
STA. 505+00 TO STA. 506+50
Scale 1"=10'

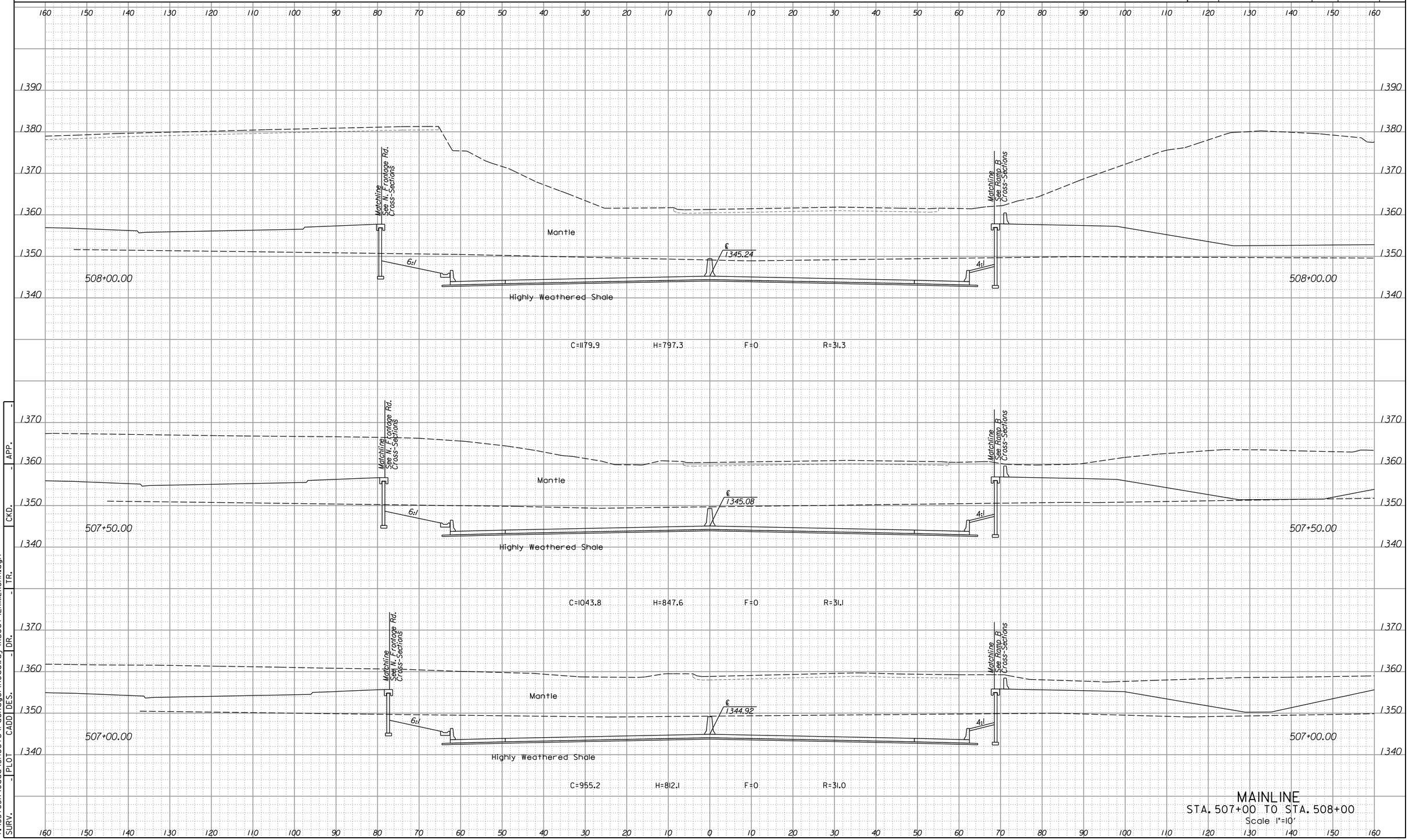
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	878	1055



MAINLINE
STA. 507+00 TO STA. 508+00
Scale 1"=10'

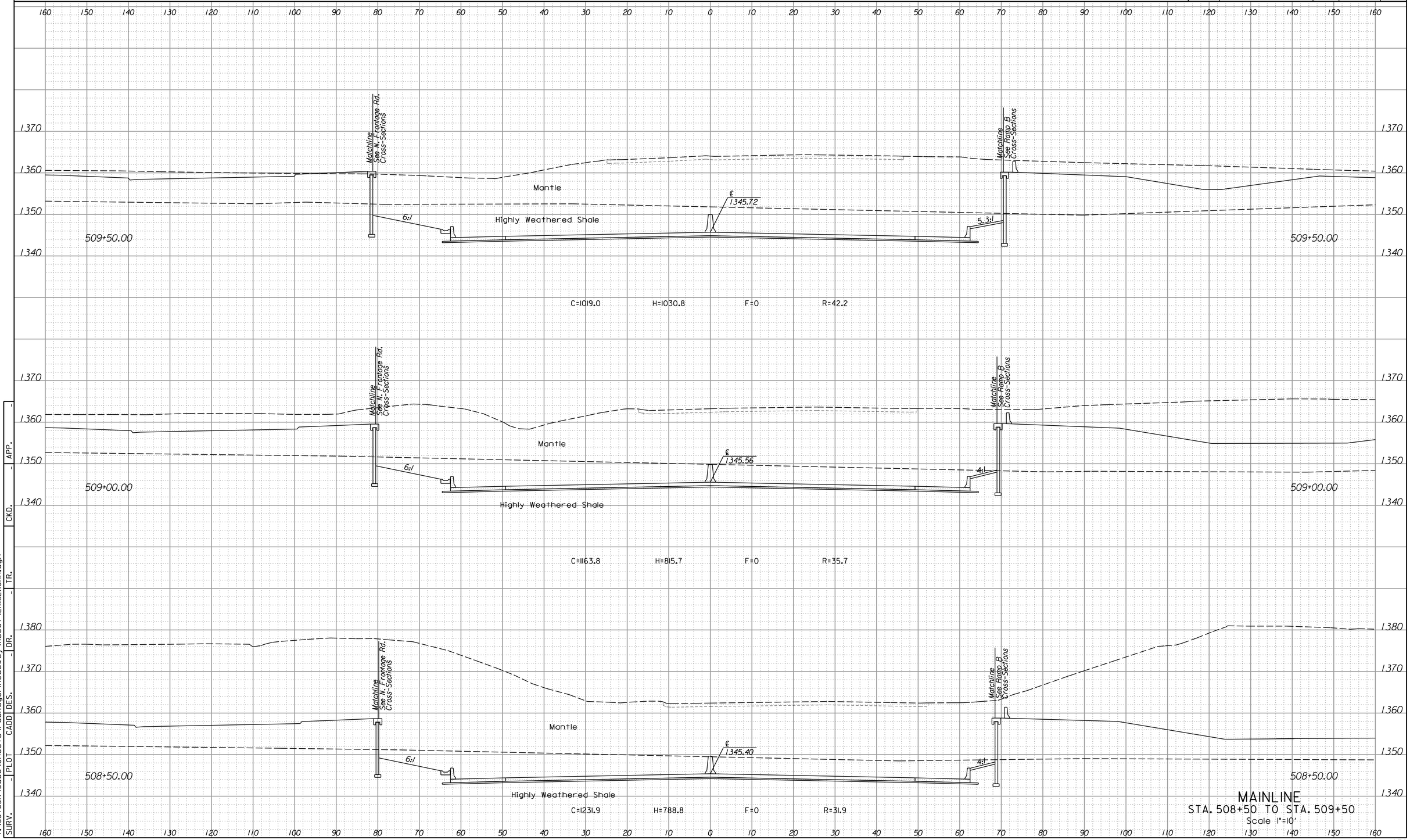
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	879	1055



MAINLINE
STA. 508+50 TO STA. 509+50
Scale 1"=10'

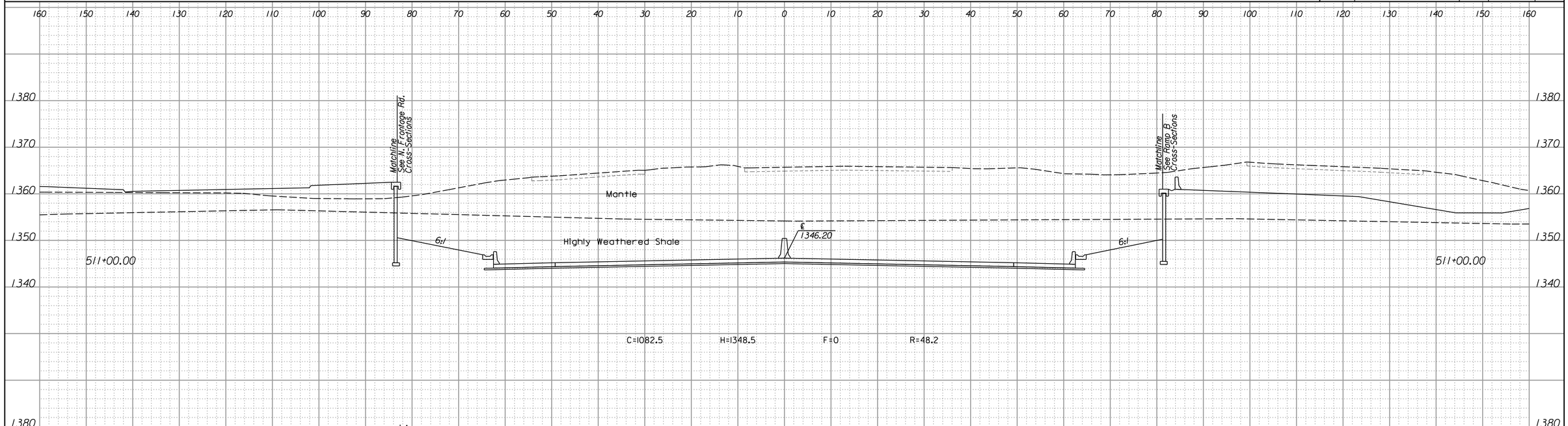
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	880	1055



MAINLINE
STA. 510+00 TO STA. 511+00
Scale 1"=10'

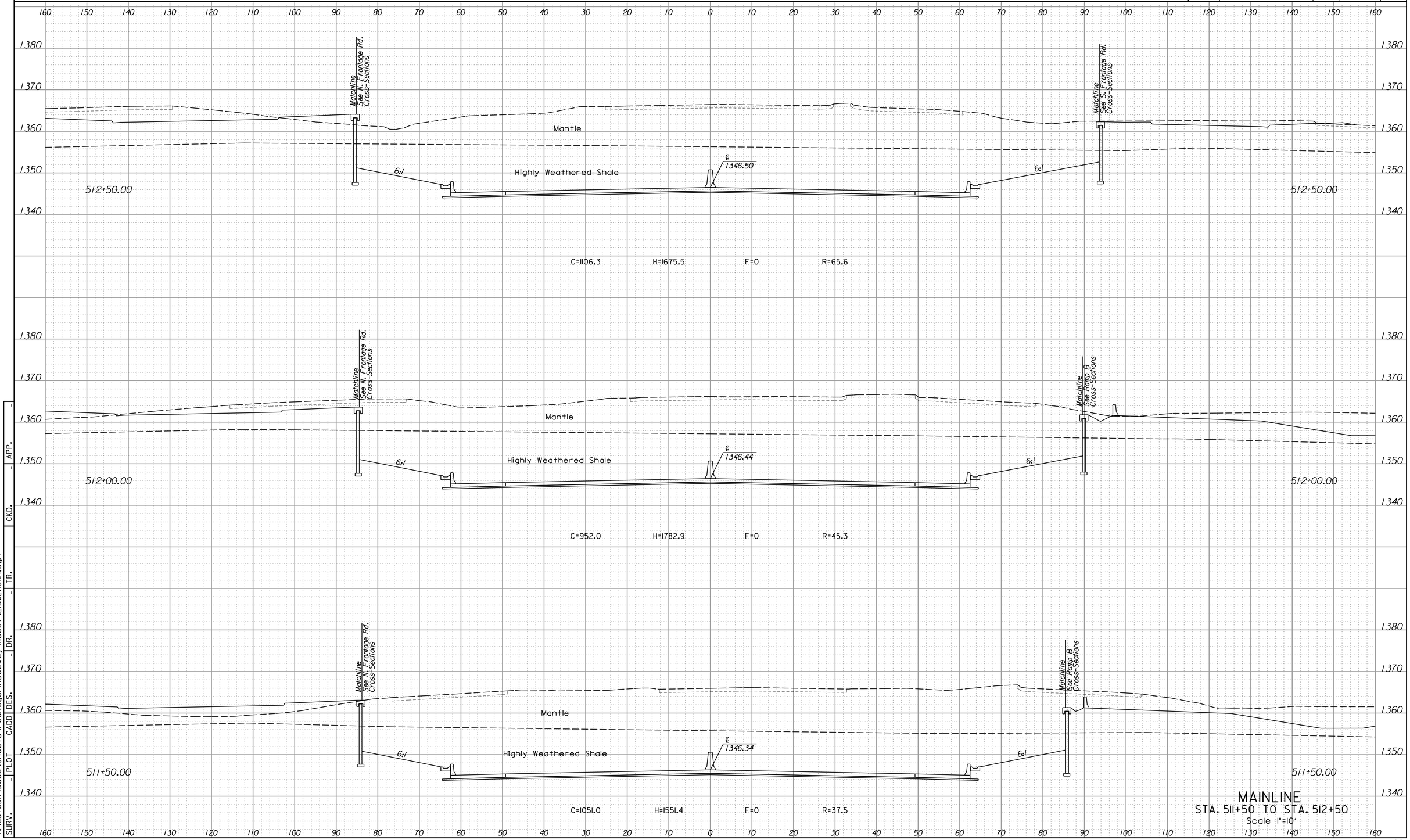
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SURV. - PLOT | CADD | DES. - DR. | - TR. | CKD. - APP.

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	881	1055



MAINLINE
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Scale 1"=10'

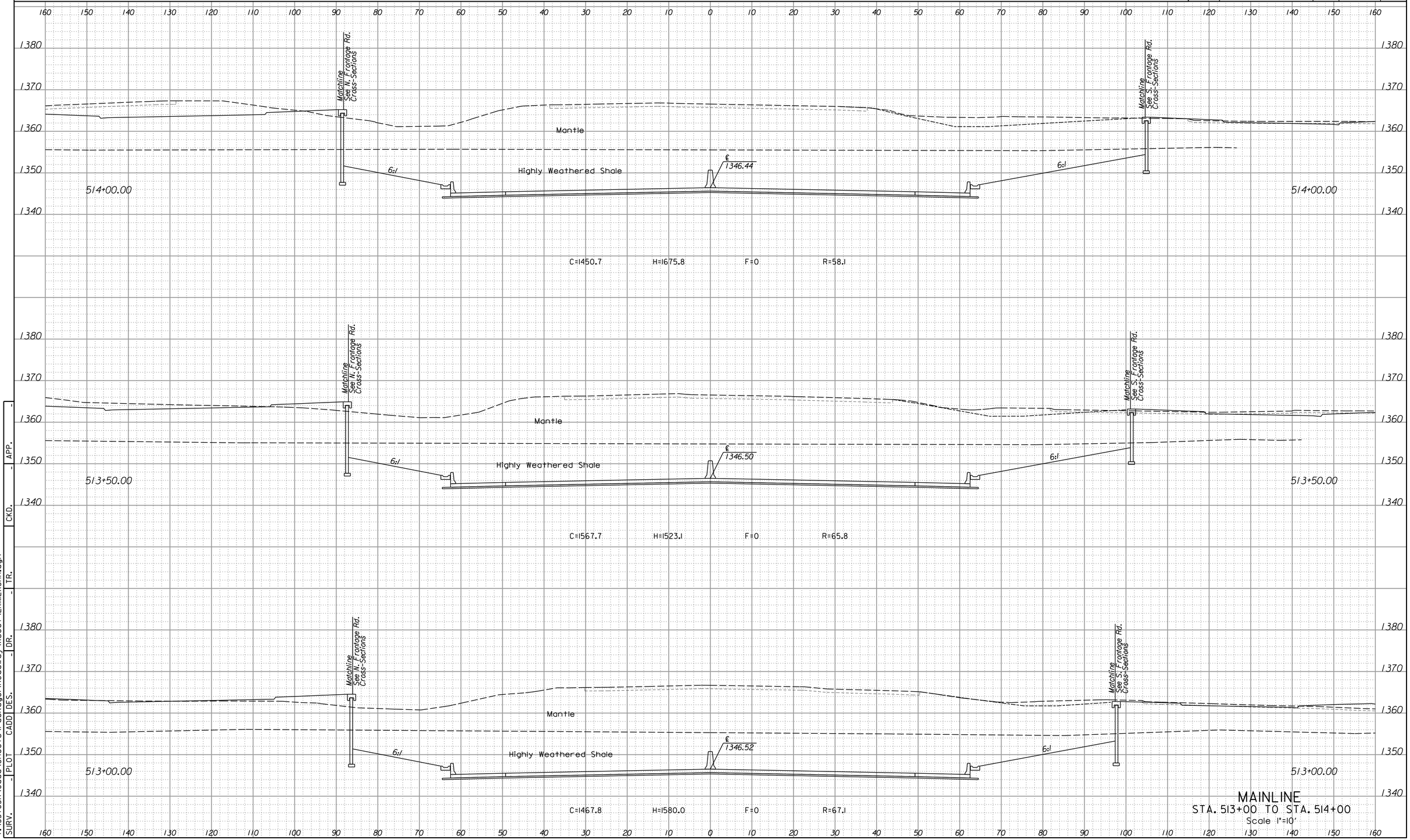
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	882	1055



MAINLINE
STA. 513+00 TO STA. 514+00
Scale 1"=10'

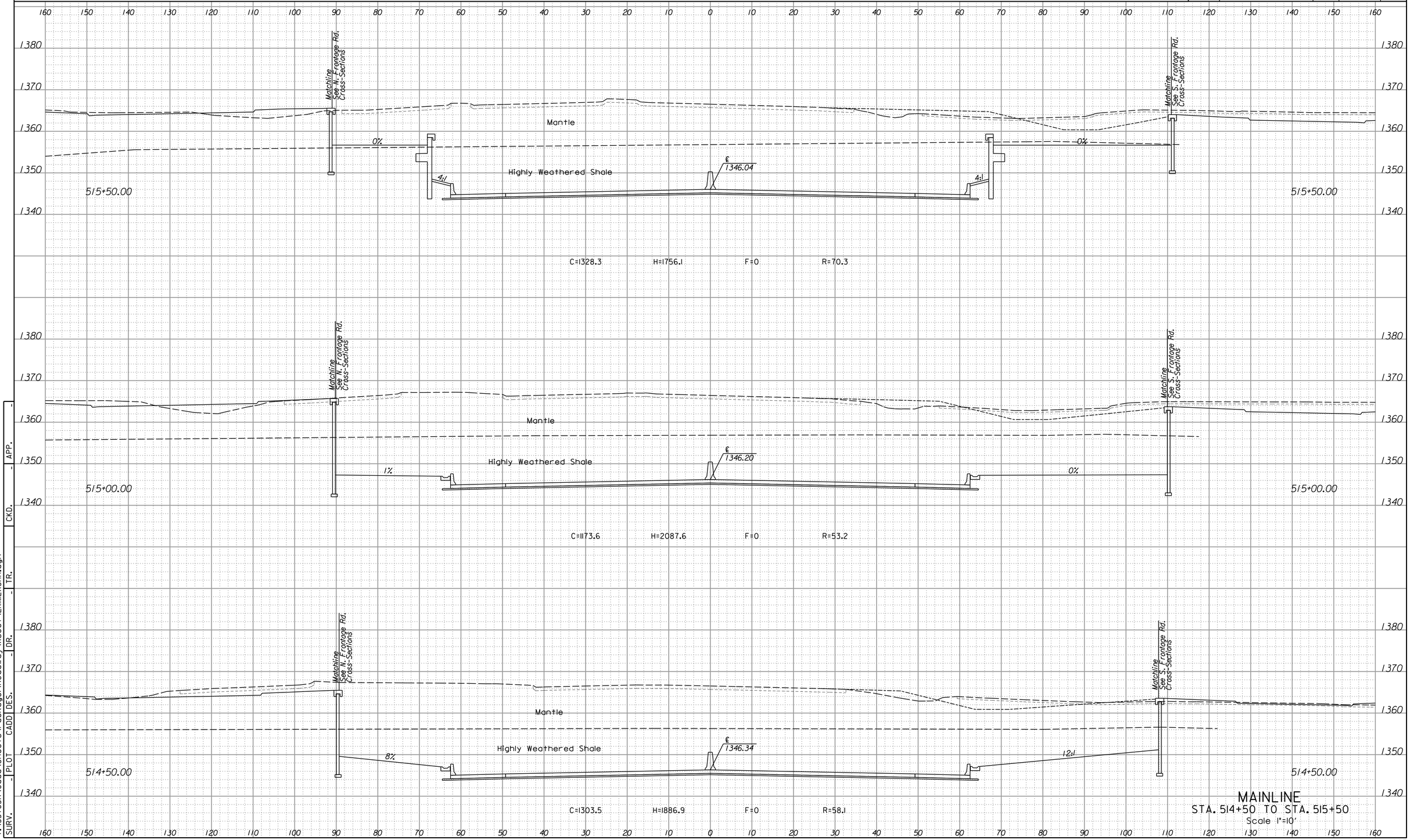
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement ------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	883	1055



MAINLINE
STA. 514+50 TO STA. 515+50
Scale 1"=10'

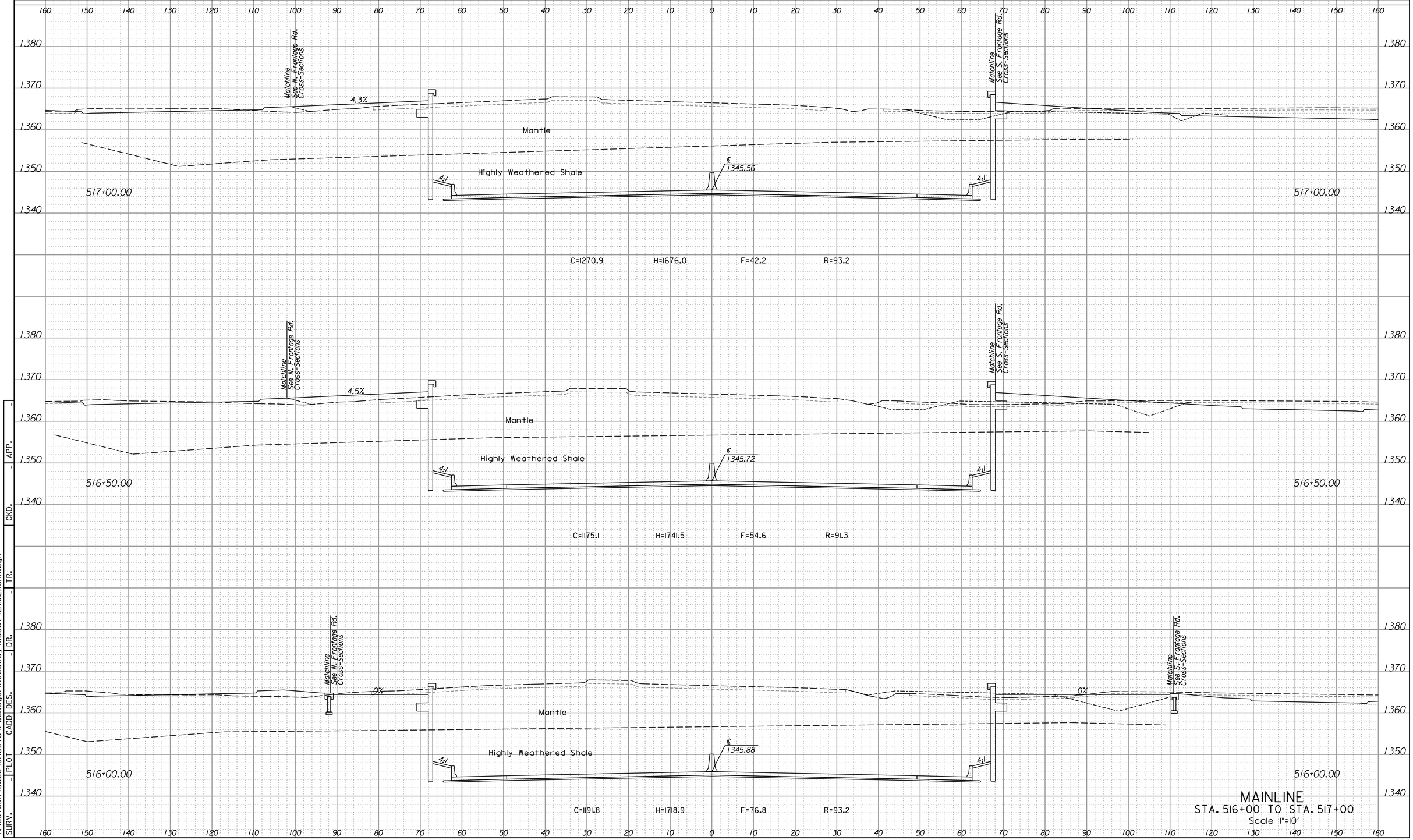
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement ------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	884	1055



MAINLINE
STA. 516+00 TO STA. 517+00
Scale 1"=10'

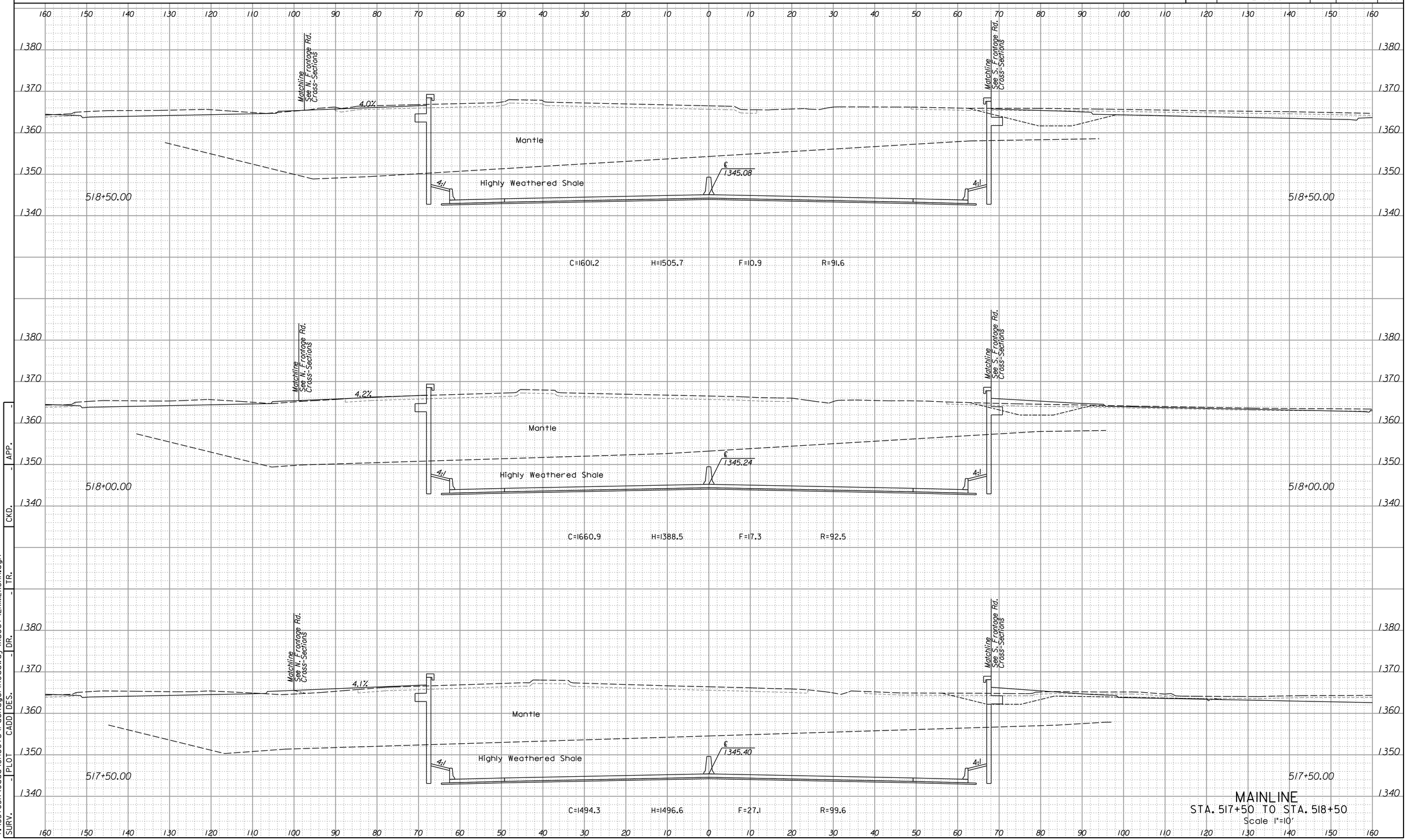
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	885	1055



MAINLINE
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Scale 1"=10'

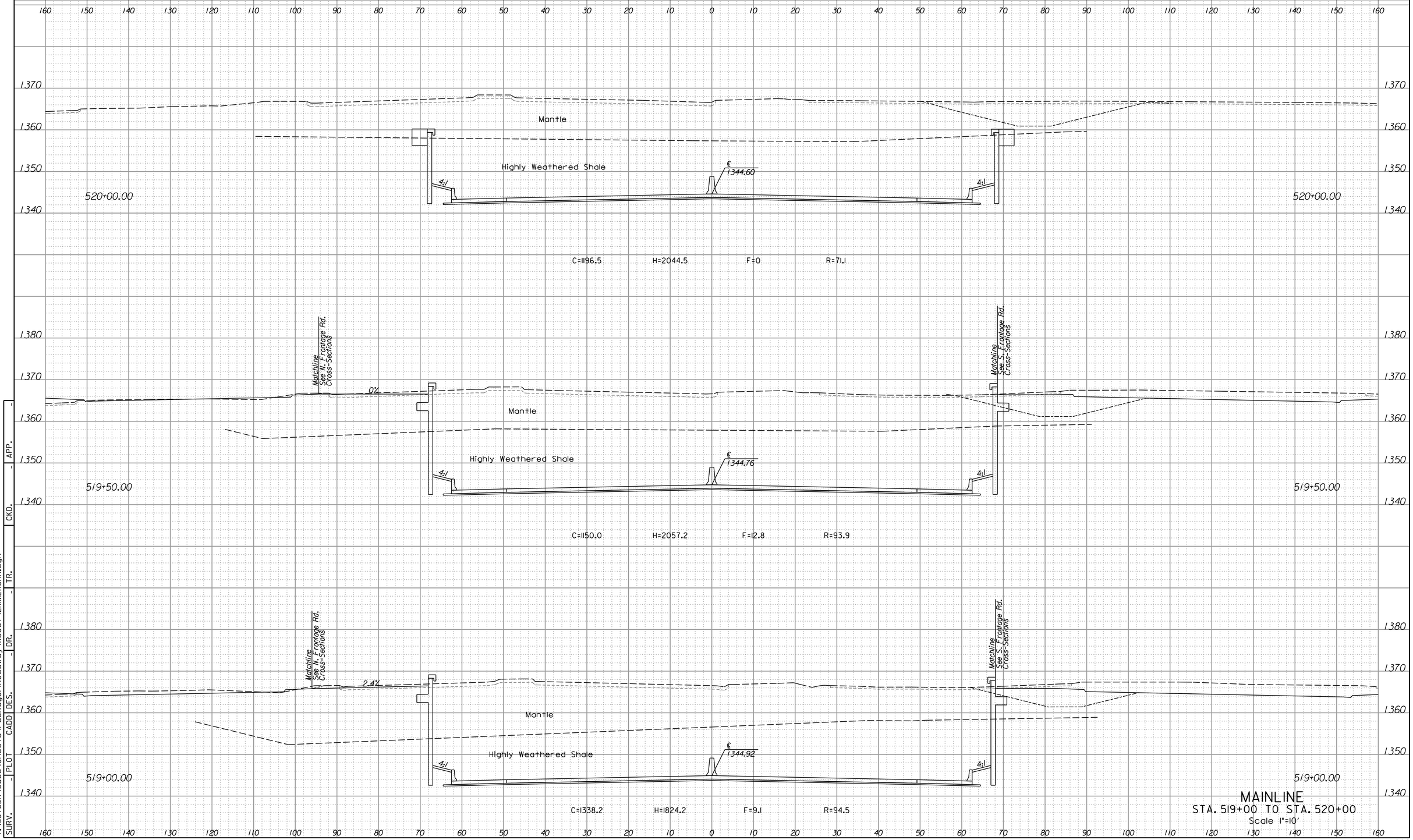
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	886	1055



MAINLINE
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Scale 1"=10'

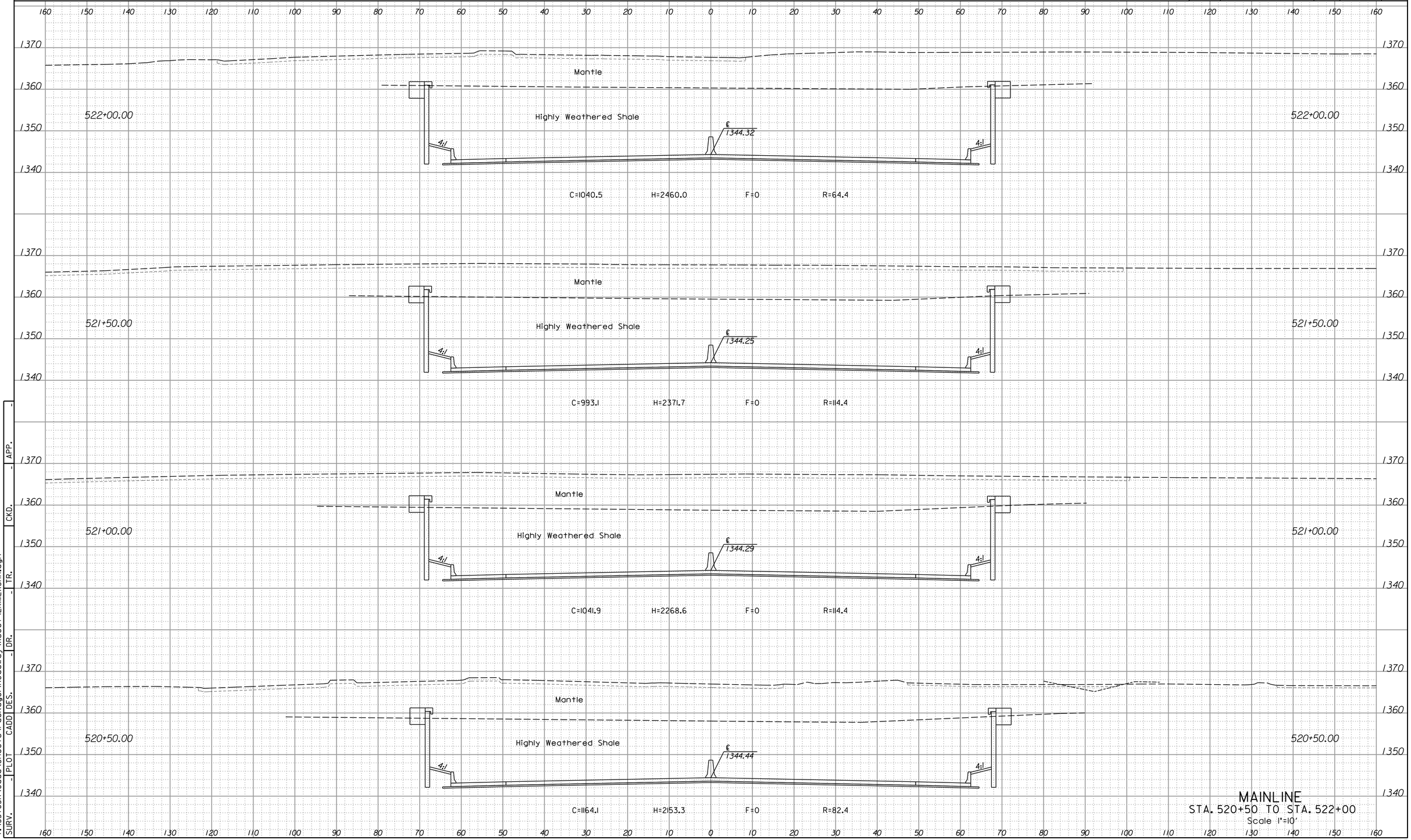
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	887	1055



MAINLINE
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Scale 1"=10'

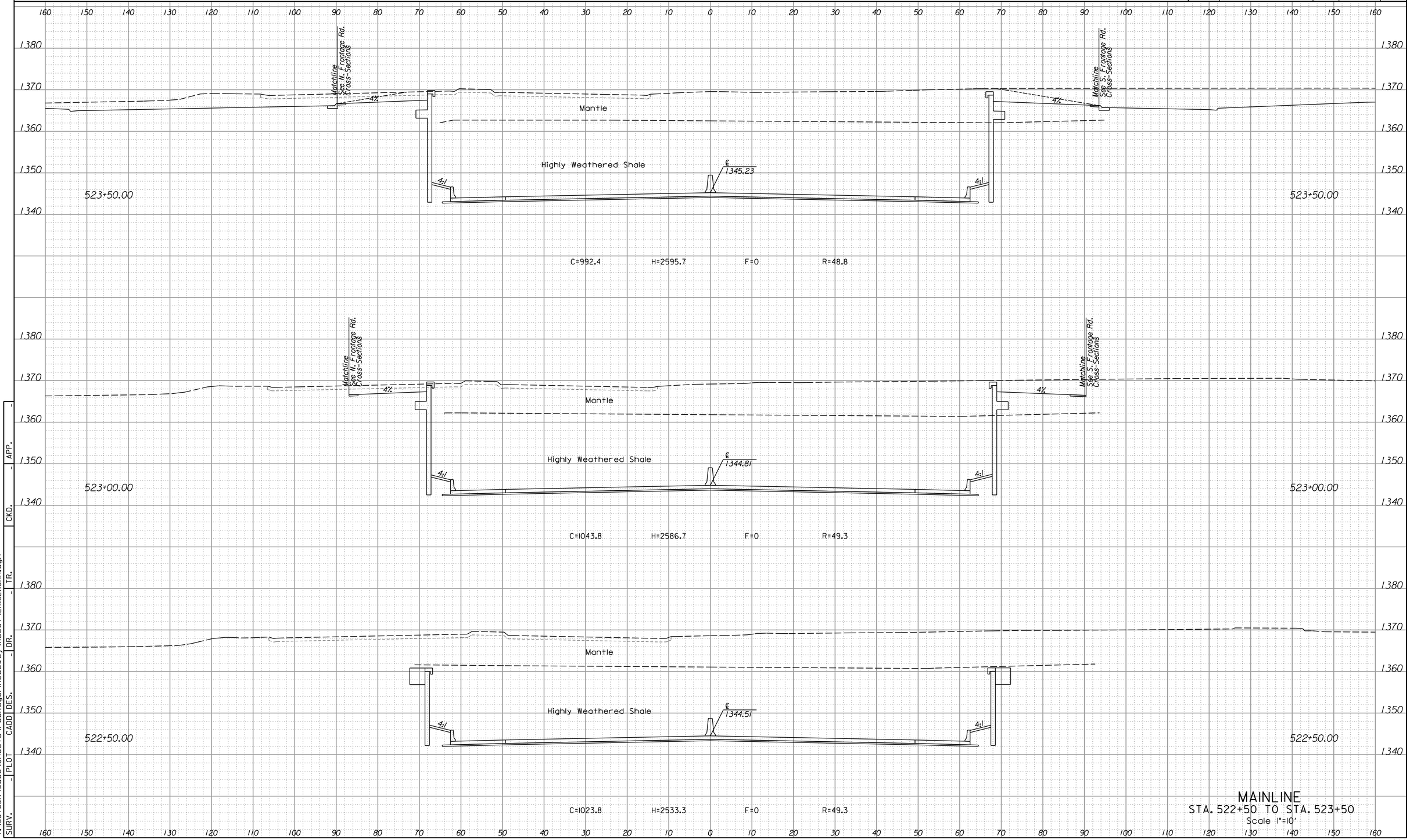
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	888	1055



MAINLINE
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Scale 1"=10'

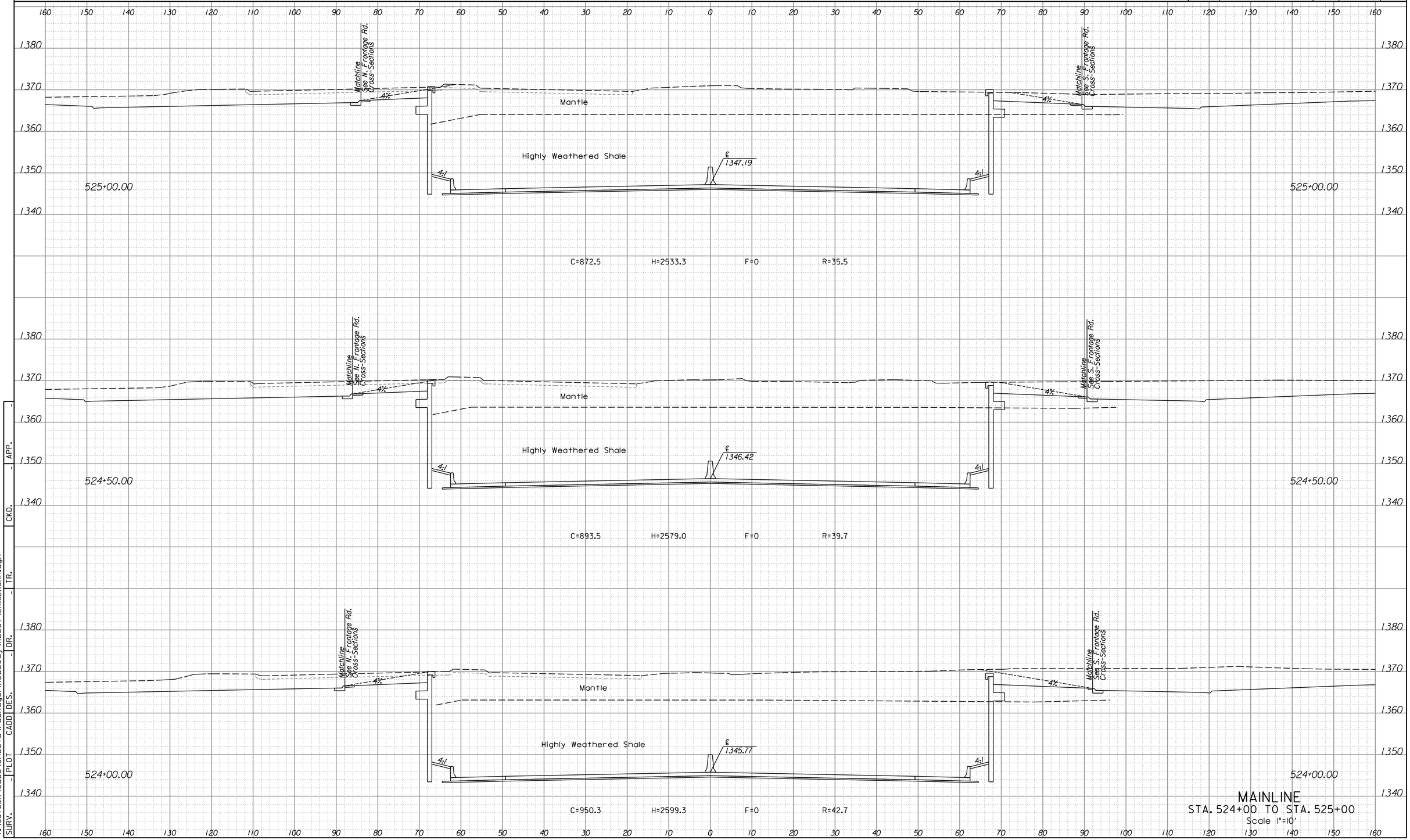
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	889	1055



MAINLINE
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Scale 1"=10'

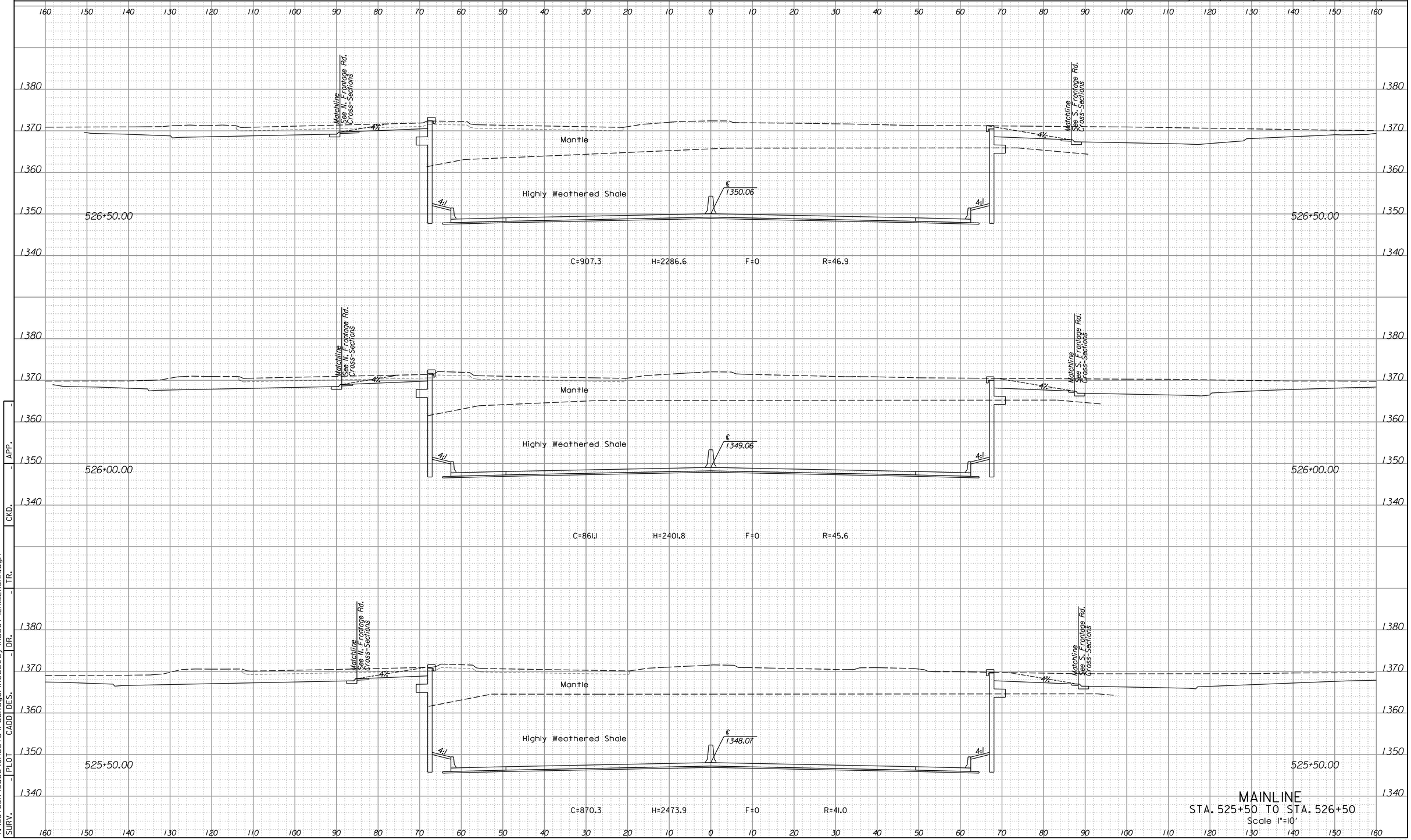
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	890	1055



MAINLINE
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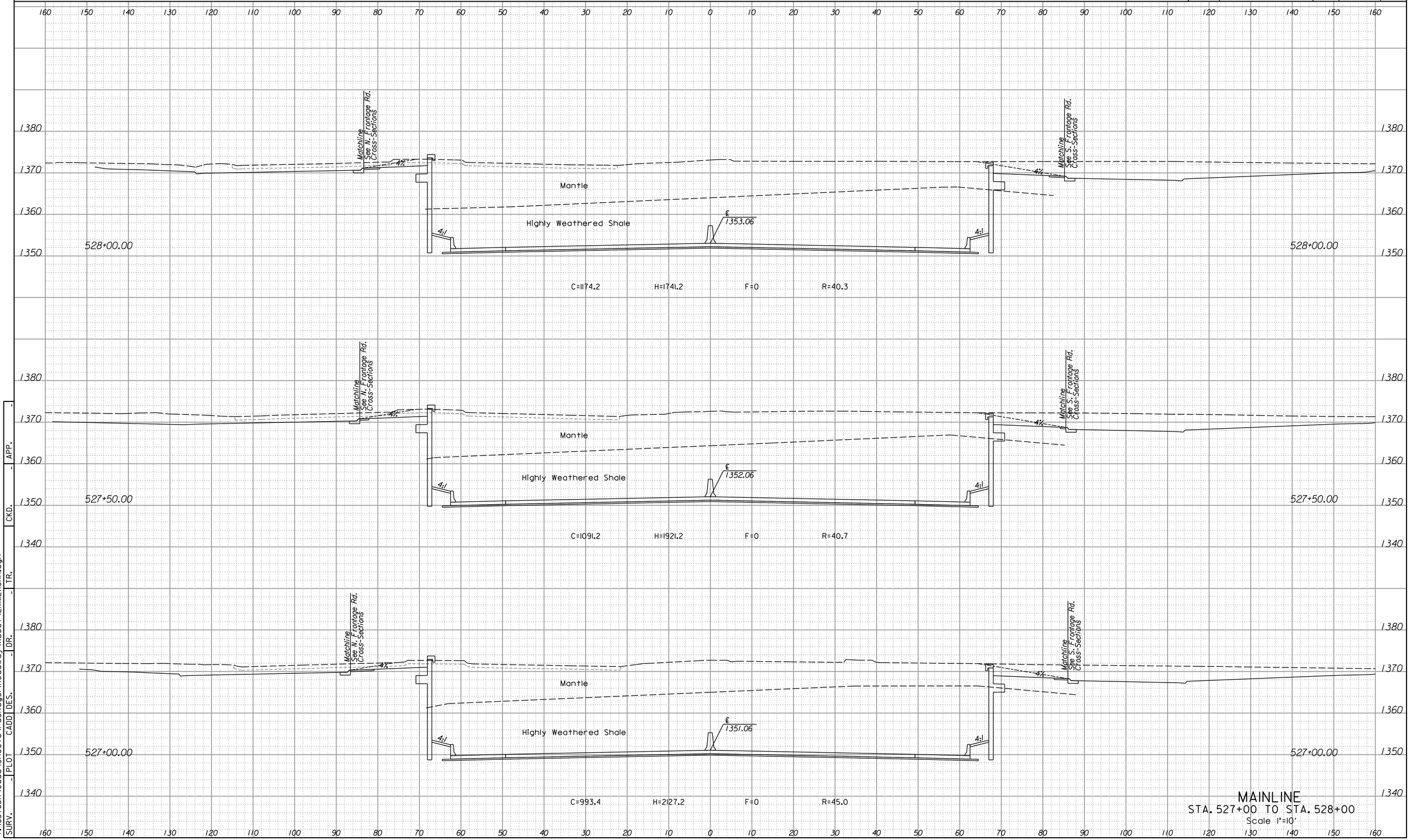
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	891	1055



MAINLINE
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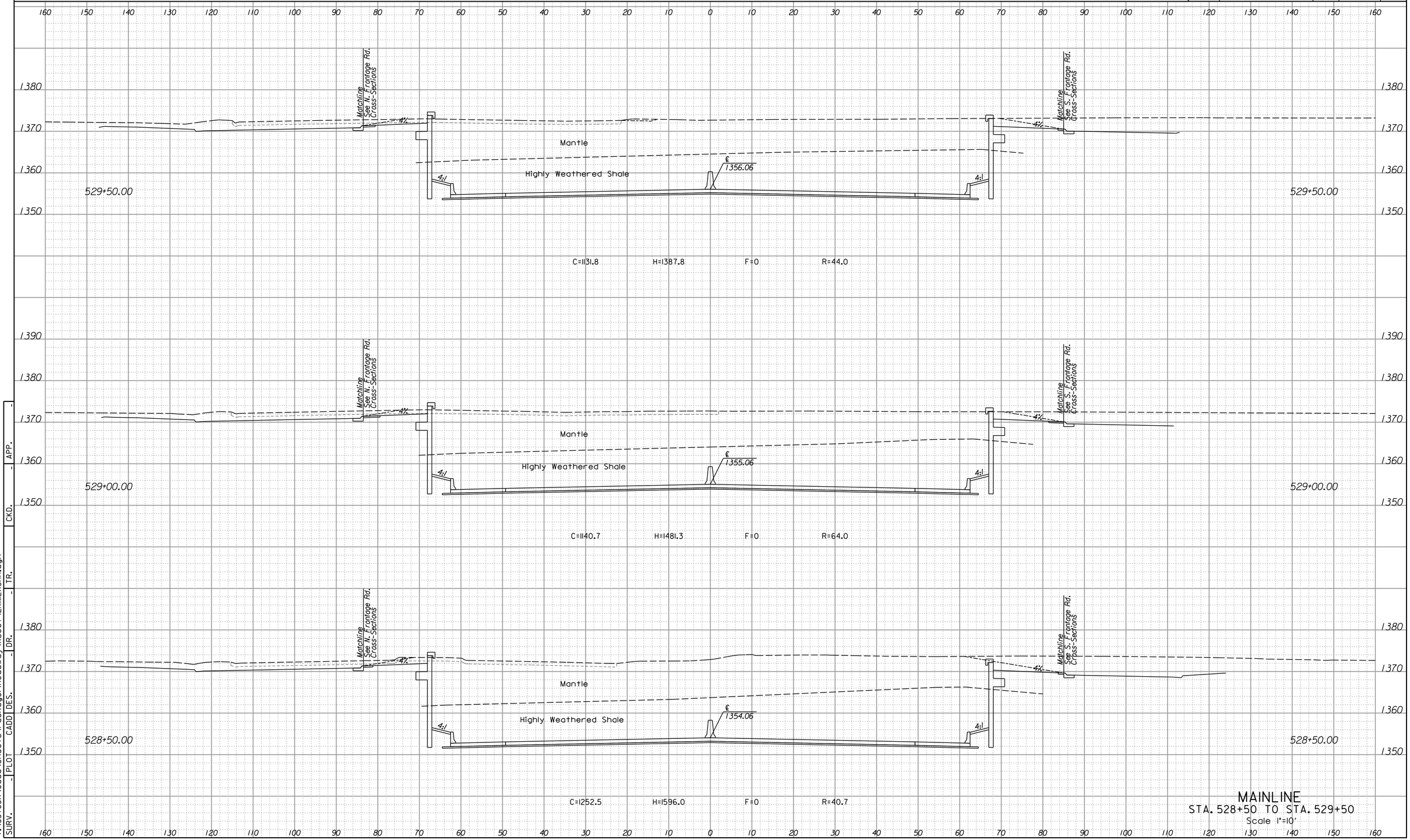
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LEGEND

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	892	1055



MAINLINE
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Scale 1"=10'

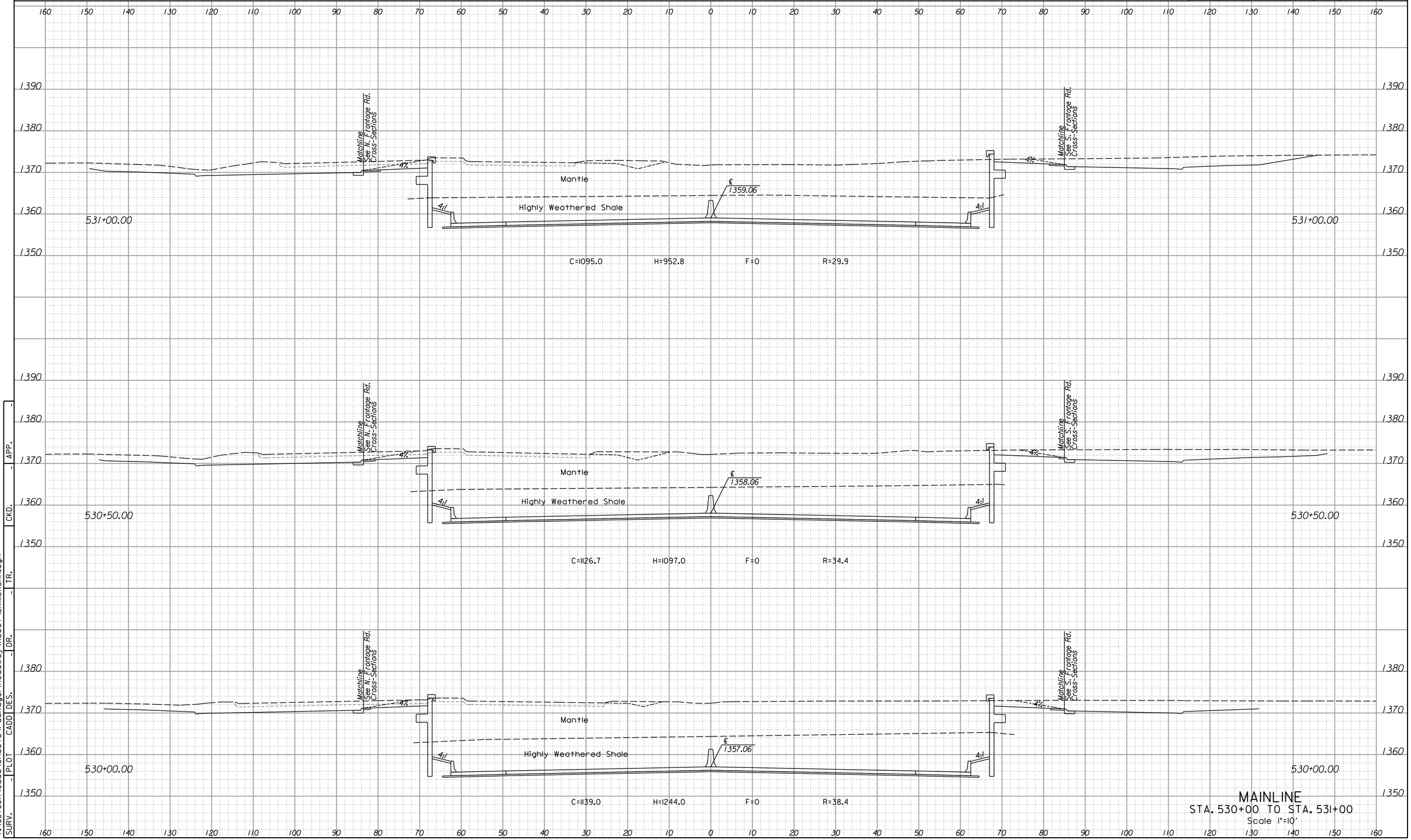
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LEGEND

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	893	1055



MAINLINE
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Scale 1"=10'

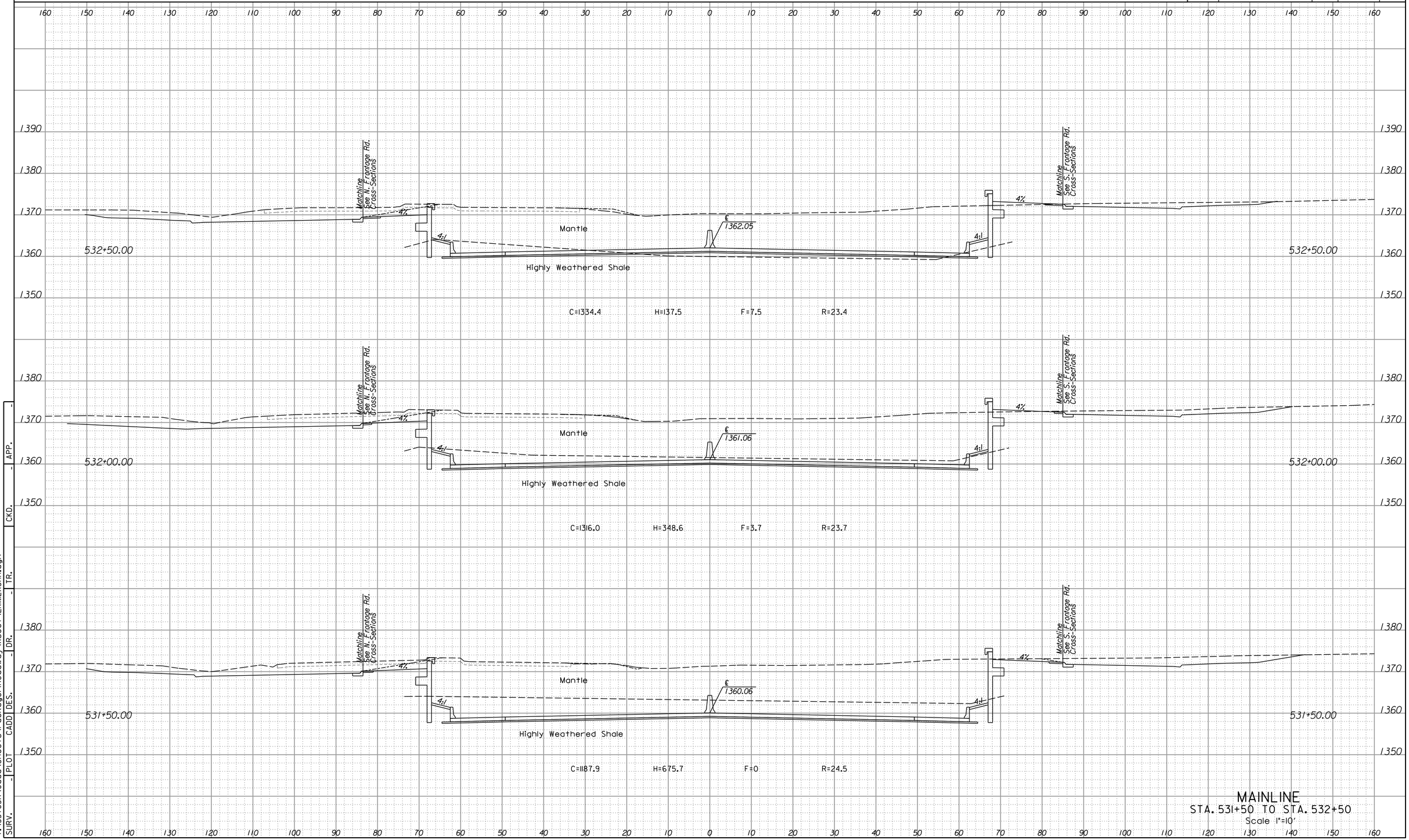
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	894	1055



MAINLINE
STA. 531+50 TO STA. 532+50
Scale 1"=10'

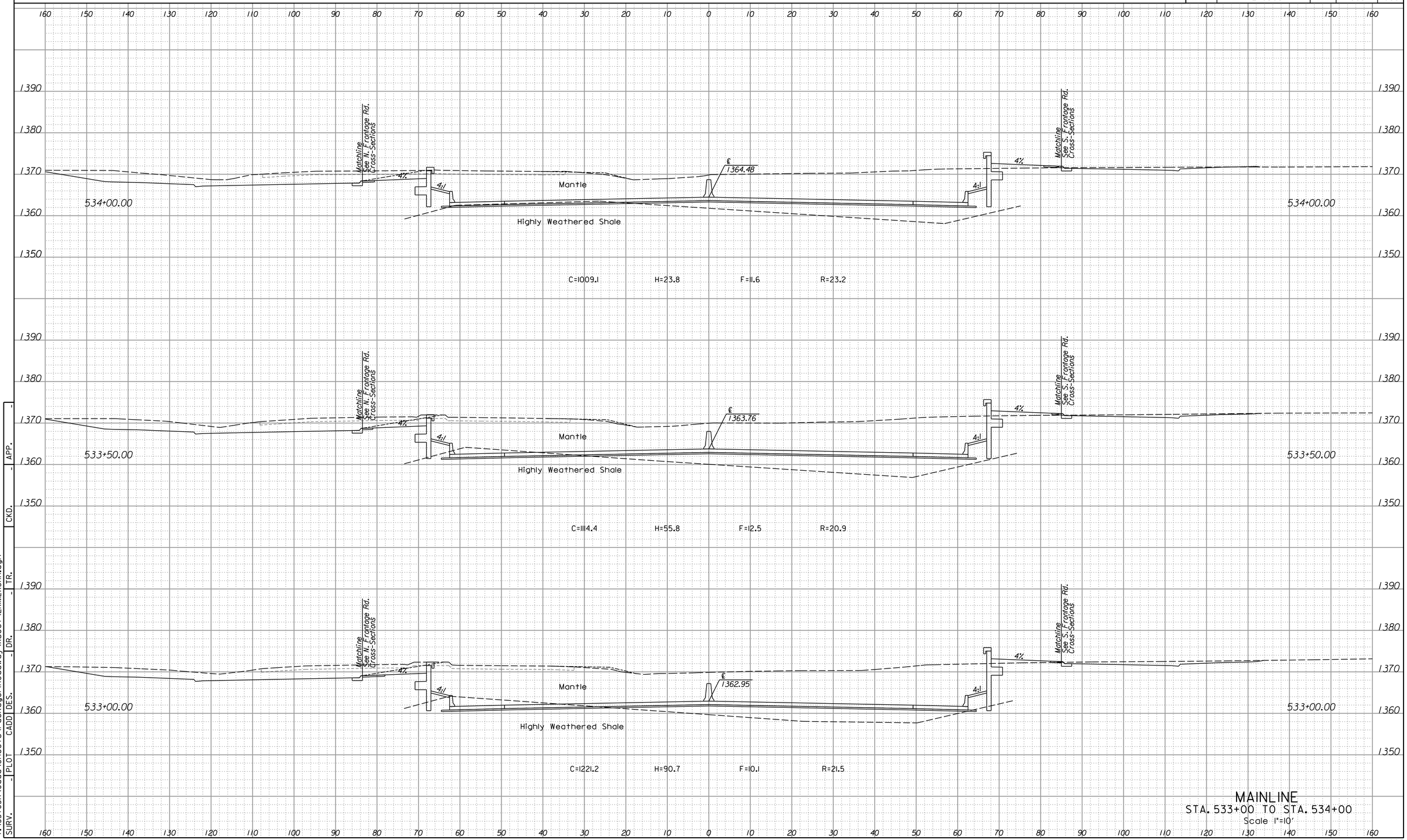
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LEGEND

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	895	1055



MAINLINE
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Scale 1"=10'

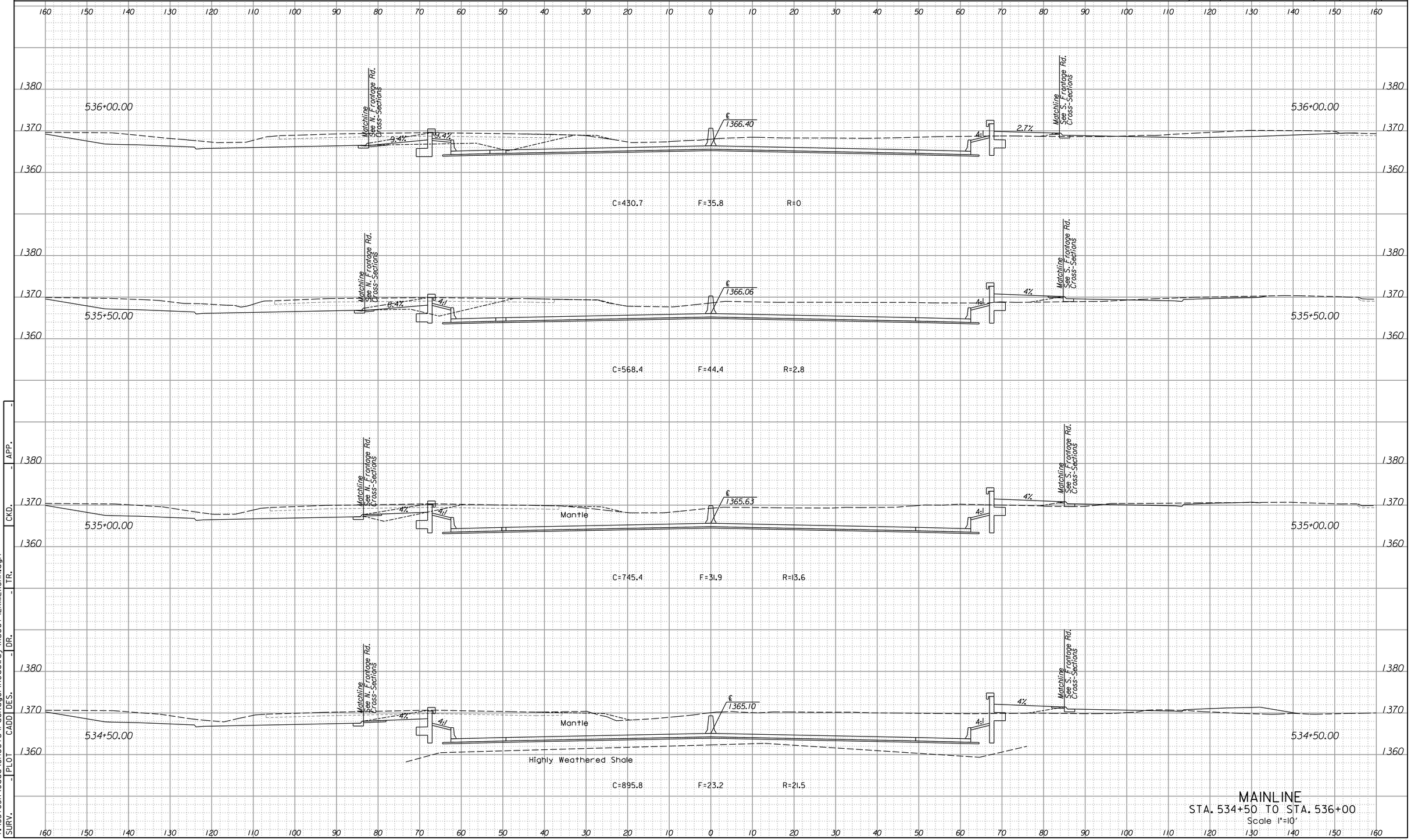
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	896	1055



MAINLINE
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Scale 1"=10'

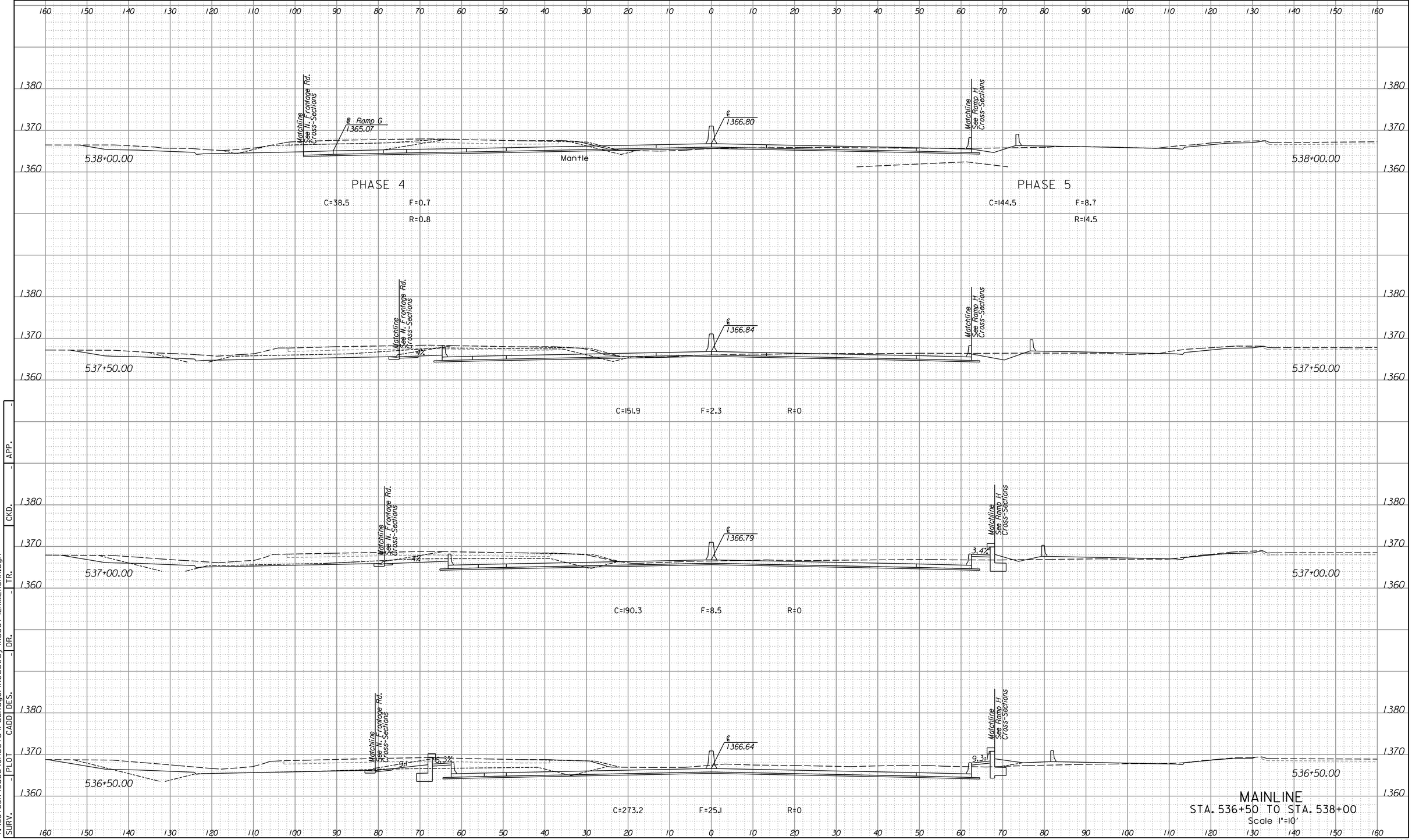
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	897	1055



MAINLINE
STA. 536+50 TO STA. 538+00
Scale 1"=10'

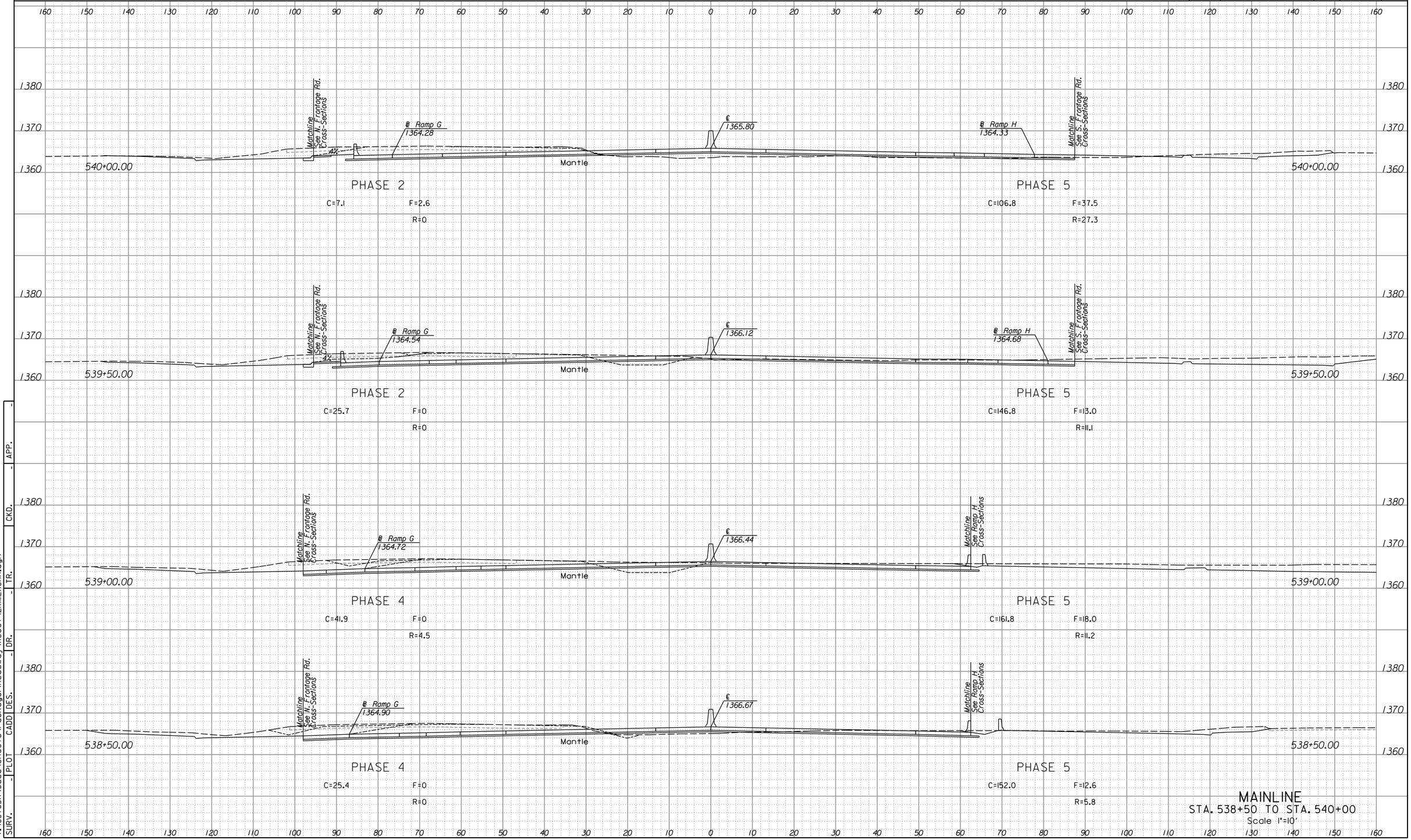
SURV.	PLOT	CADD	DES.	DR.	CKD.	TR.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	898	1055



MAINLINE
STA. 538+50 TO STA. 540+00
Scale 1"=10'

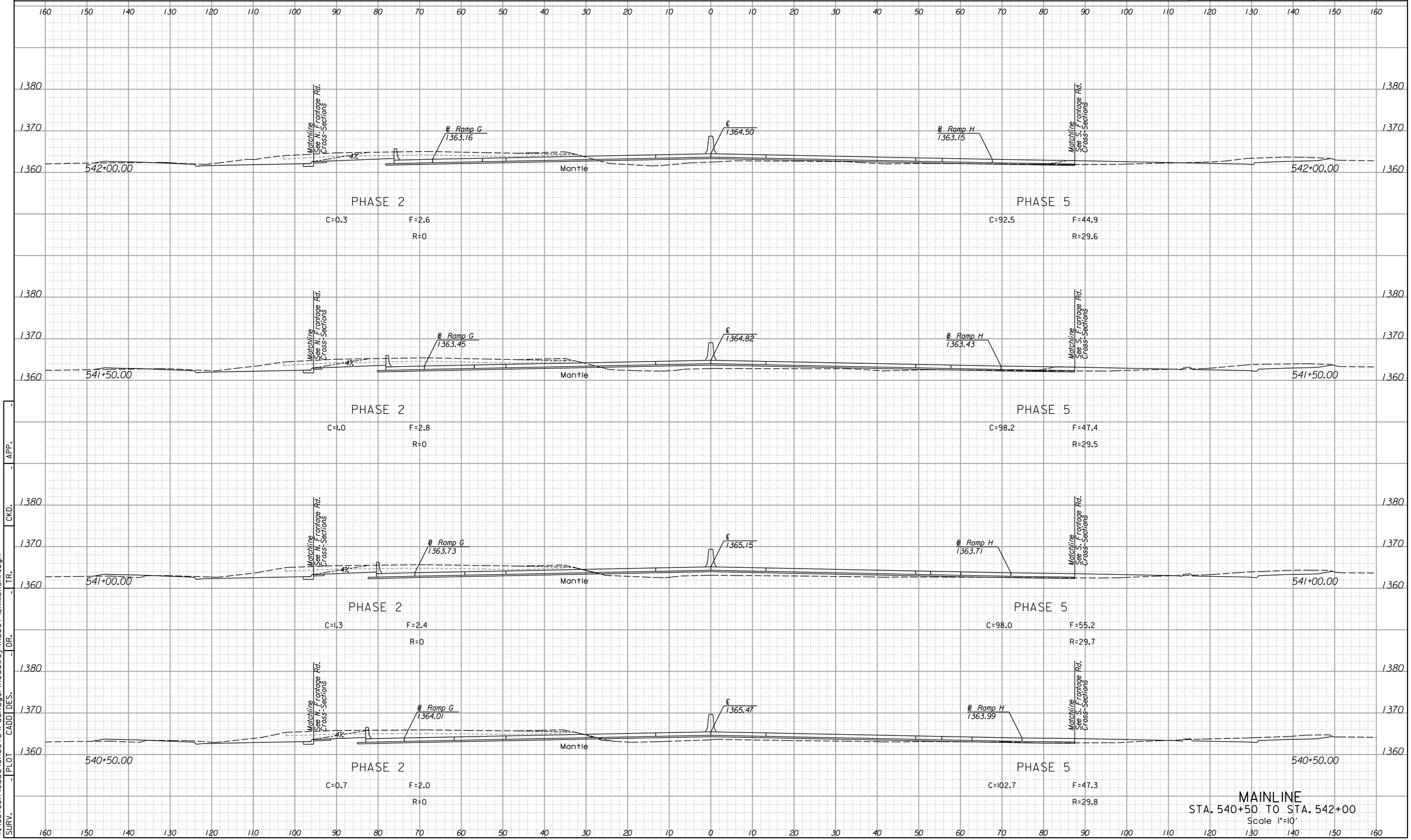
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	899	1055



MAINLINE
STA. 540+50 TO STA. 542+00
Scale 1"=10'

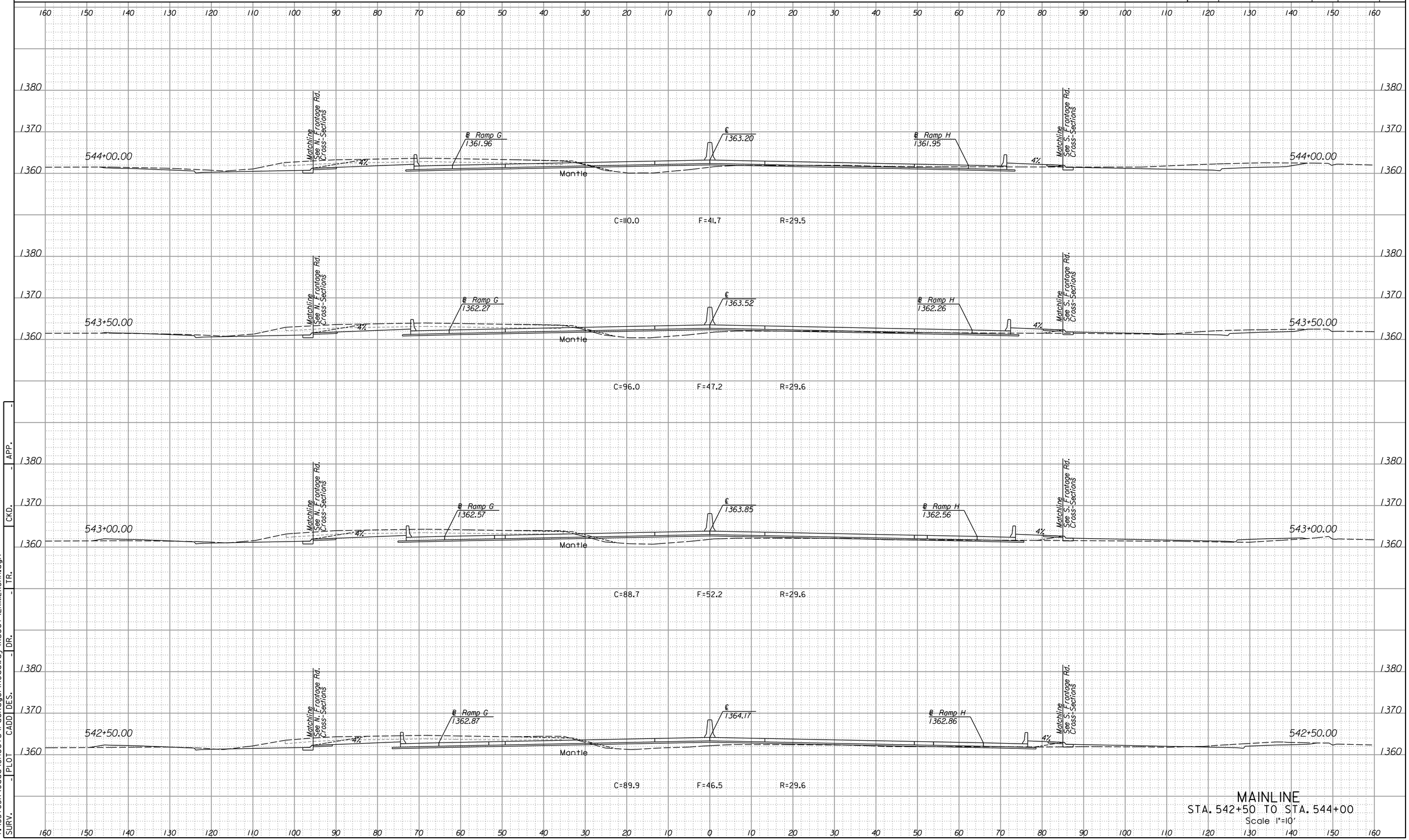
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	900	1055



MAINLINE
STA. 542+50 TO STA. 544+00
Scale 1"=10'

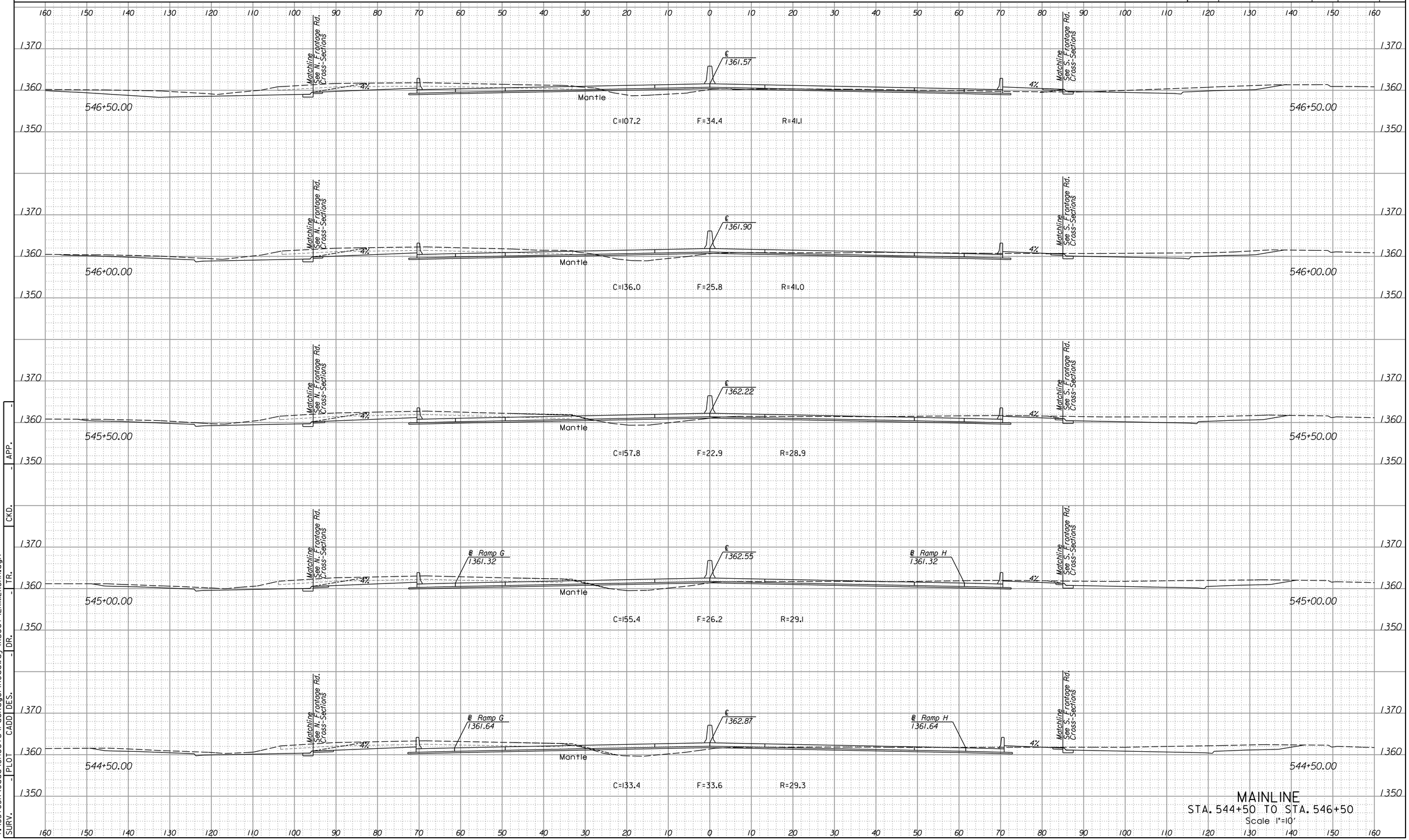
SURV.	PLOT	CADD	DES.	DR.	CKD.	TR.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement ------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	901	1055



MAINLINE
STA. 544+50 TO STA. 546+50
Scale 1"=10'

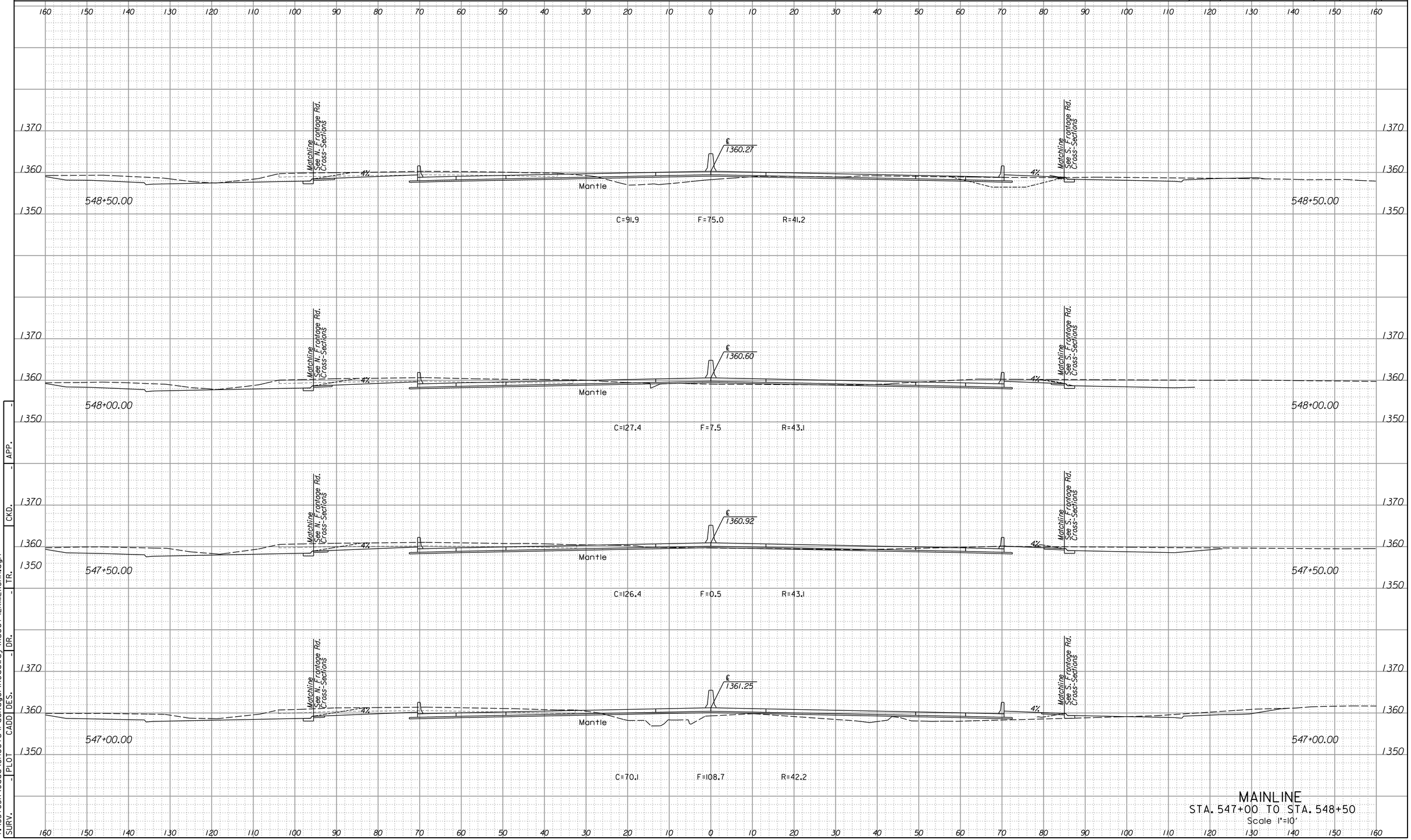
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	902	1055



MAINLINE
STA. 547+00 TO STA. 548+50
Scale 1"=10'

APP. | CKD. | DR. | DES. | CADD | PLOT | TR. | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	903	1055

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

1370
1360
1350

Matchline See N. Frontage Rd. Cross-Sections

℄ 1358.97

4%

Mantle

Matchline See S. Frontage Rd. Cross-Sections

550+50.00

C=75.2 F=91.1 R=43.9

Matchline See N. Frontage Rd. Cross-Sections

℄ 1359.30

4%

Mantle

Matchline See S. Frontage Rd. Cross-Sections

550+00.00

C=82.0 F=86.7 R=41.9

Matchline See N. Frontage Rd. Cross-Sections

℄ 1359.62

4%

Mantle

Matchline See S. Frontage Rd. Cross-Sections

549+50.00

C=80.7 F=85.4 R=42.4

Matchline See N. Frontage Rd. Cross-Sections

℄ 1359.95

4%

Mantle

Matchline See S. Frontage Rd. Cross-Sections

549+00.00

C=80.6 F=80.5 R=42.2

MAINLINE
STA. 549+00 TO STA. 550+50
Scale 1"=10'

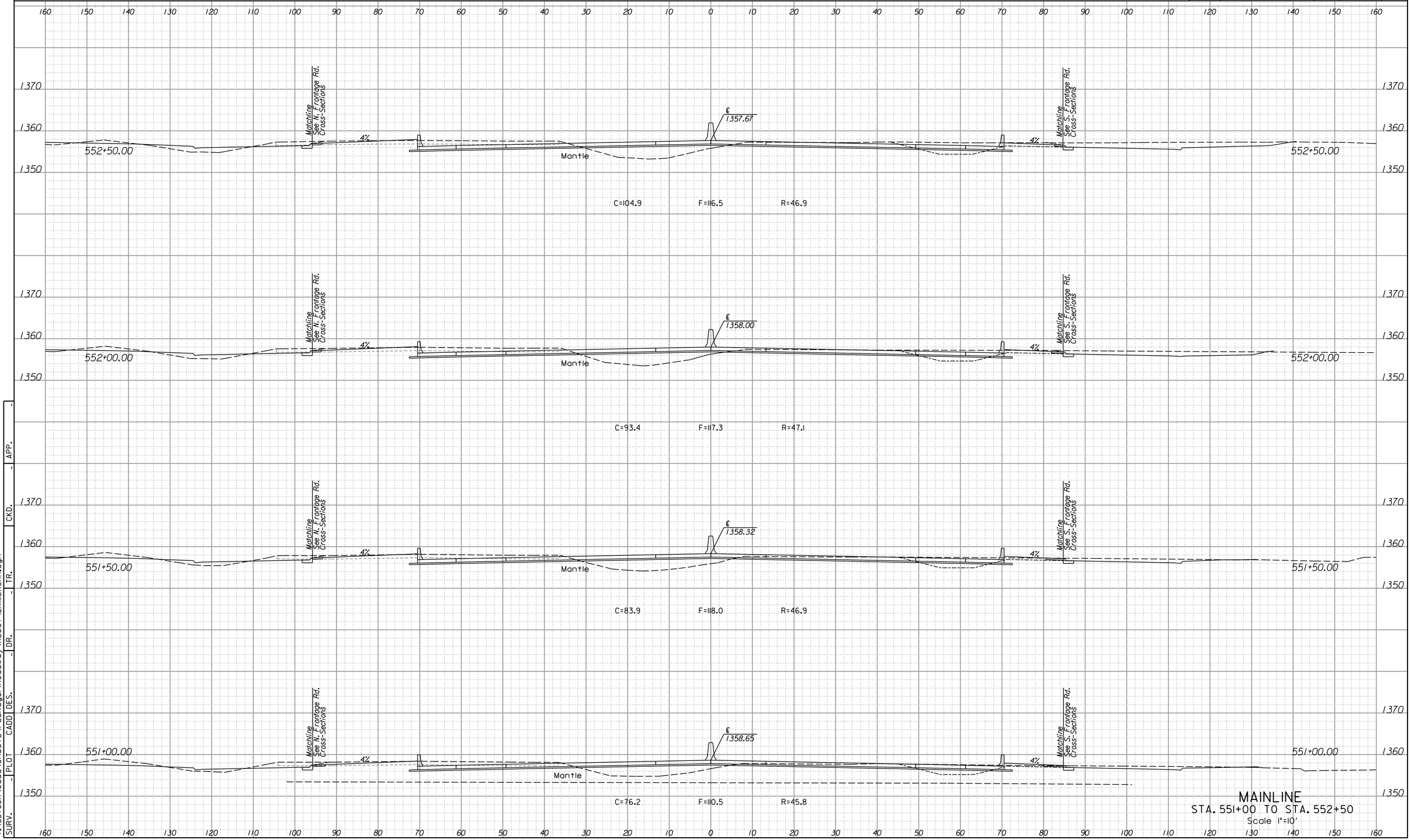
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	904	1055



MAINLINE
STA. 551+00 TO STA. 552+50
Scale 1"=10'

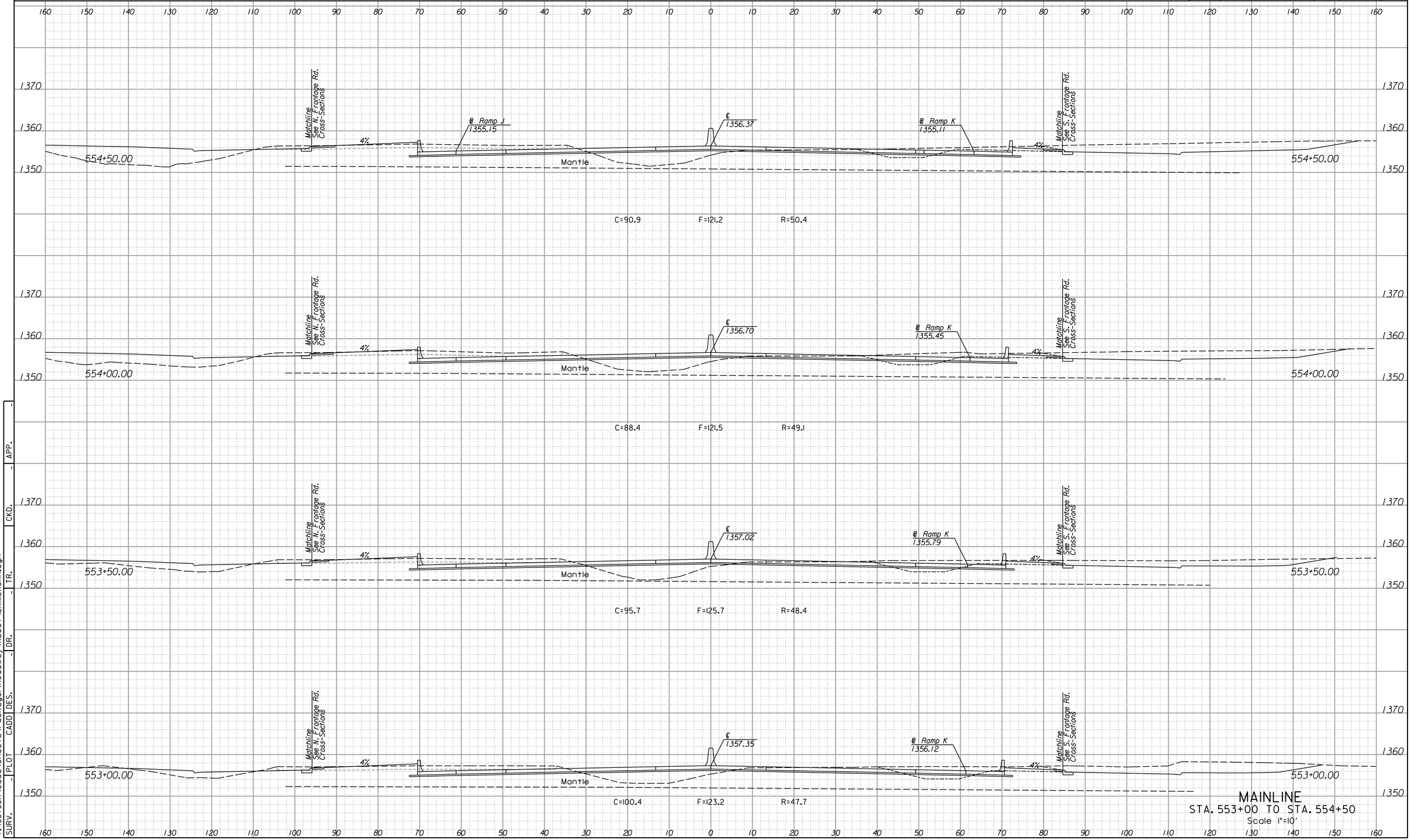
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	905	1055



MAINLINE
STA. 553+00 TO STA. 554+50
Scale 1"=10'

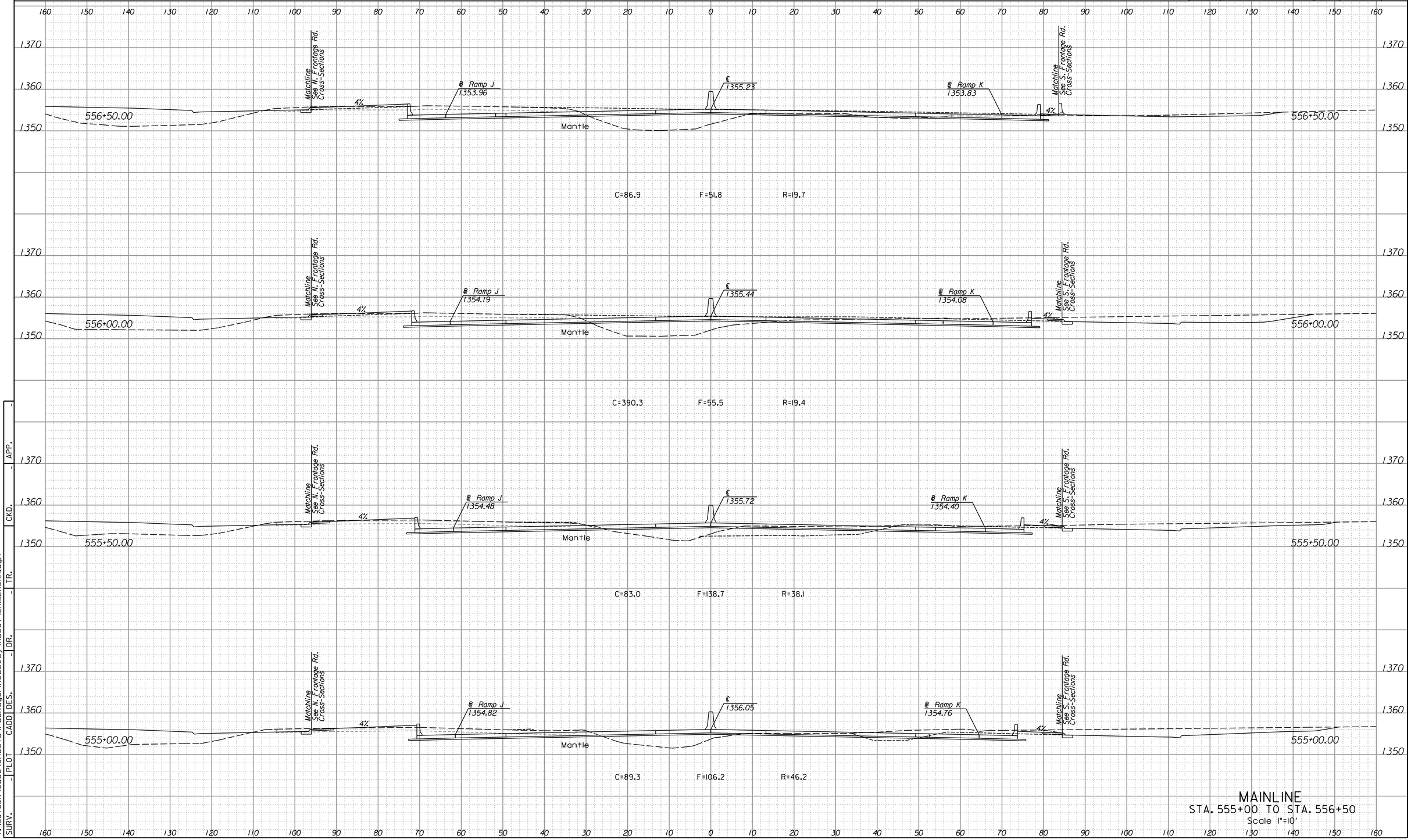
SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement ------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	906	1055



MAINLINE
STA. 555+00 TO STA. 556+50
Scale 1"=10'

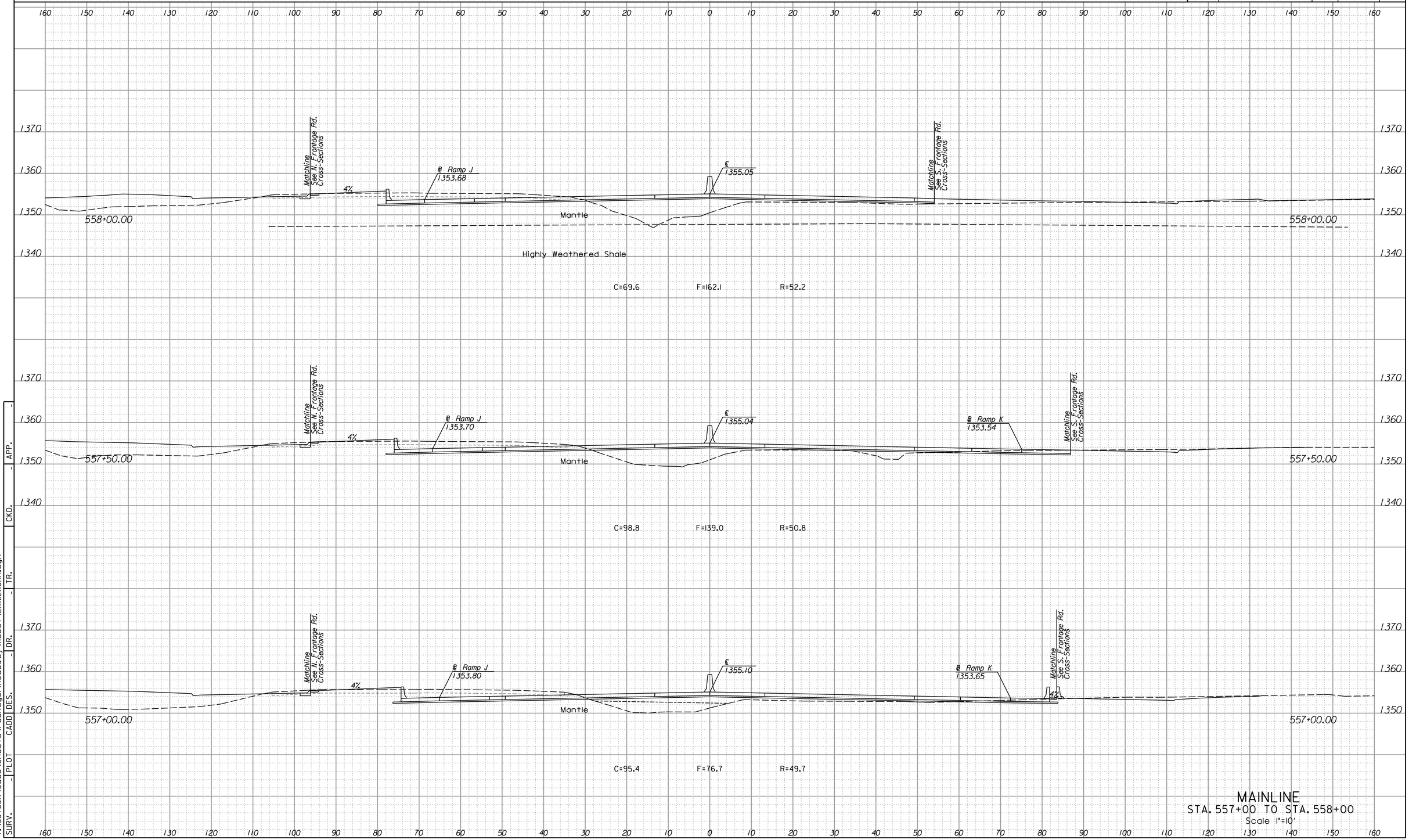
SURV.	PLOT	CADD	DES.	DR.	CKD.	TR.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	907	1055



MAINLINE
STA. 557+00 TO STA. 558+00
Scale 1"=10'

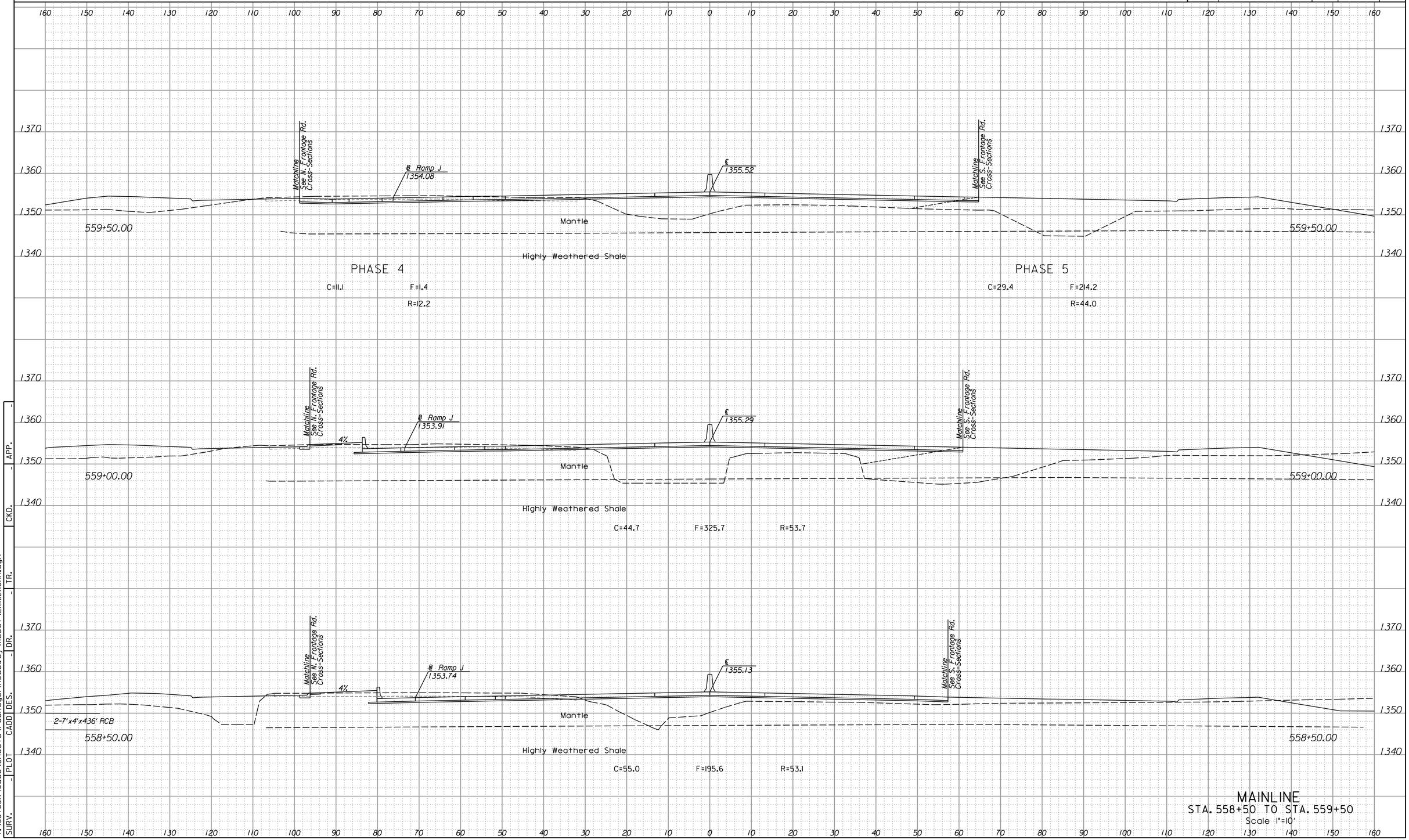
SURV. | PLOT | CADD | DES. | DR. | CKD. | TR. | APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	908	1055



MAINLINE
STA. 558+50 TO STA. 559+50
Scale 1"=10'

SURV. | PLOT | CADD | DES. | DR. | CKD. | TR. | APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	908A	1055

480 470 460 450 440 430 420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160

1370
1360
1350
1340

558+50.00

558+50.00
1346.00

MAINLINE - EXT. L.T.
STA. 558+50
Scale 1"=10'

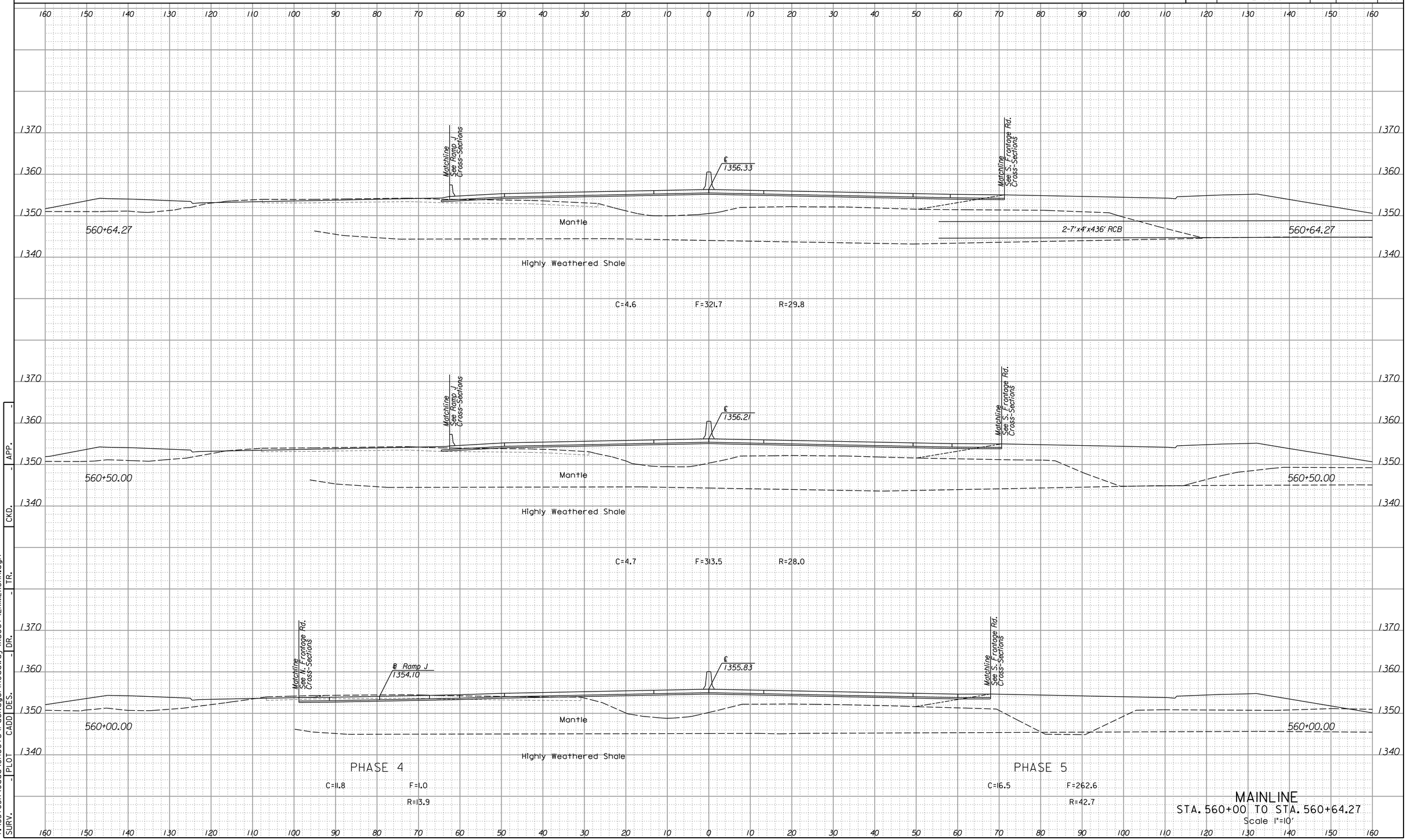
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	909	1055



MAINLINE
STA. 560+00 TO STA. 560+64.27
Scale 1"=10'

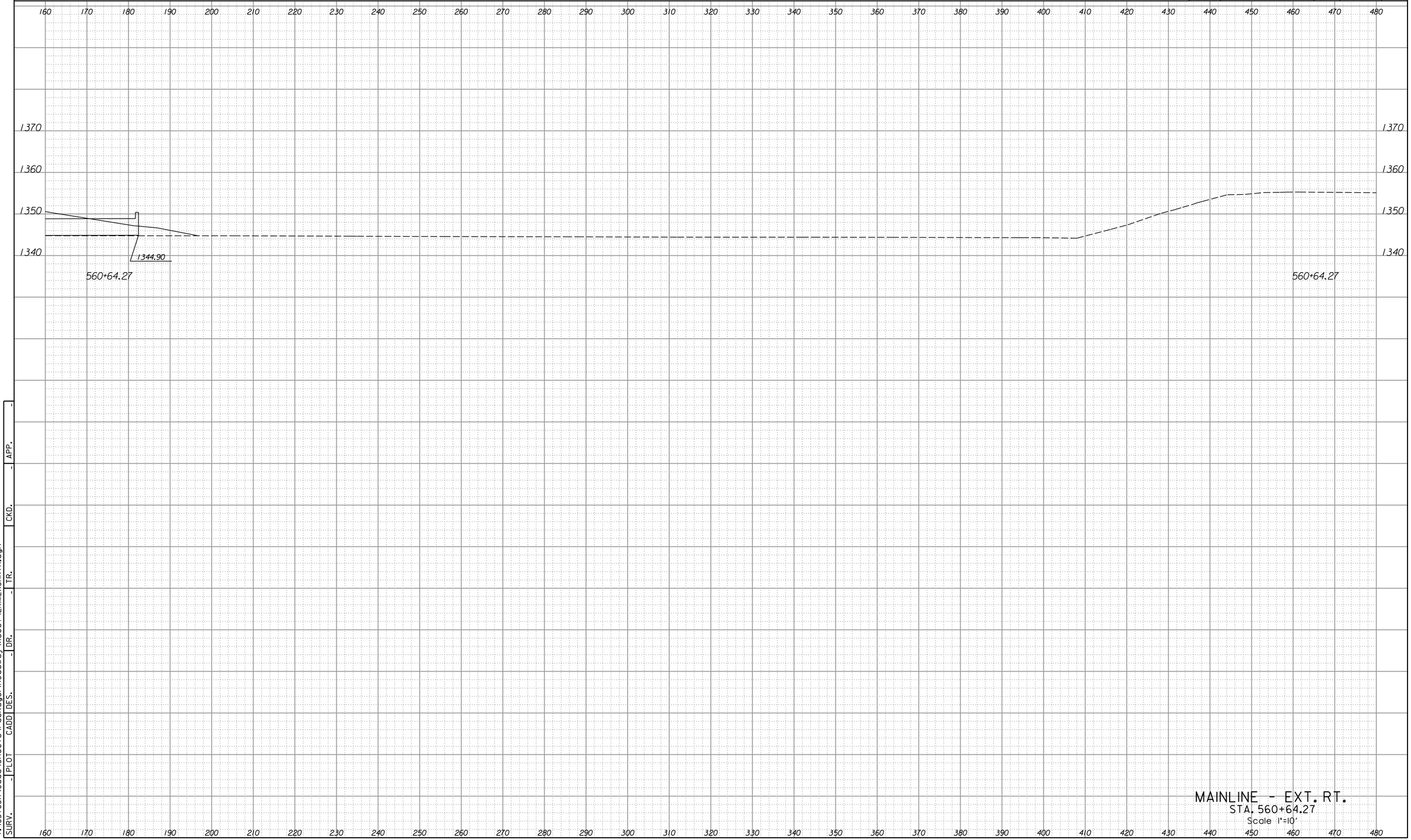
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	909A	1055



MAINLINE - EXT. RT.
STA. 560+64.27
Scale 1"=10'

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.	-

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	910	1055

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

1370
1360
1350

Matchline See Ramp J Cross-Sections

℄ 1356.79

Matchline See S. Frontage Rd. Cross-Sections

561+13.38

Mantle

Highly Weathered Shale

C=5.8 F=341.7 R=30.1

561+13.38

Matchline See Ramp J Cross-Sections

℄ 1356.66

Matchline See S. Frontage Rd. Cross-Sections

561+00.00

Mantle

Highly Weathered Shale

C=5.3 F=312.7 R=32.6

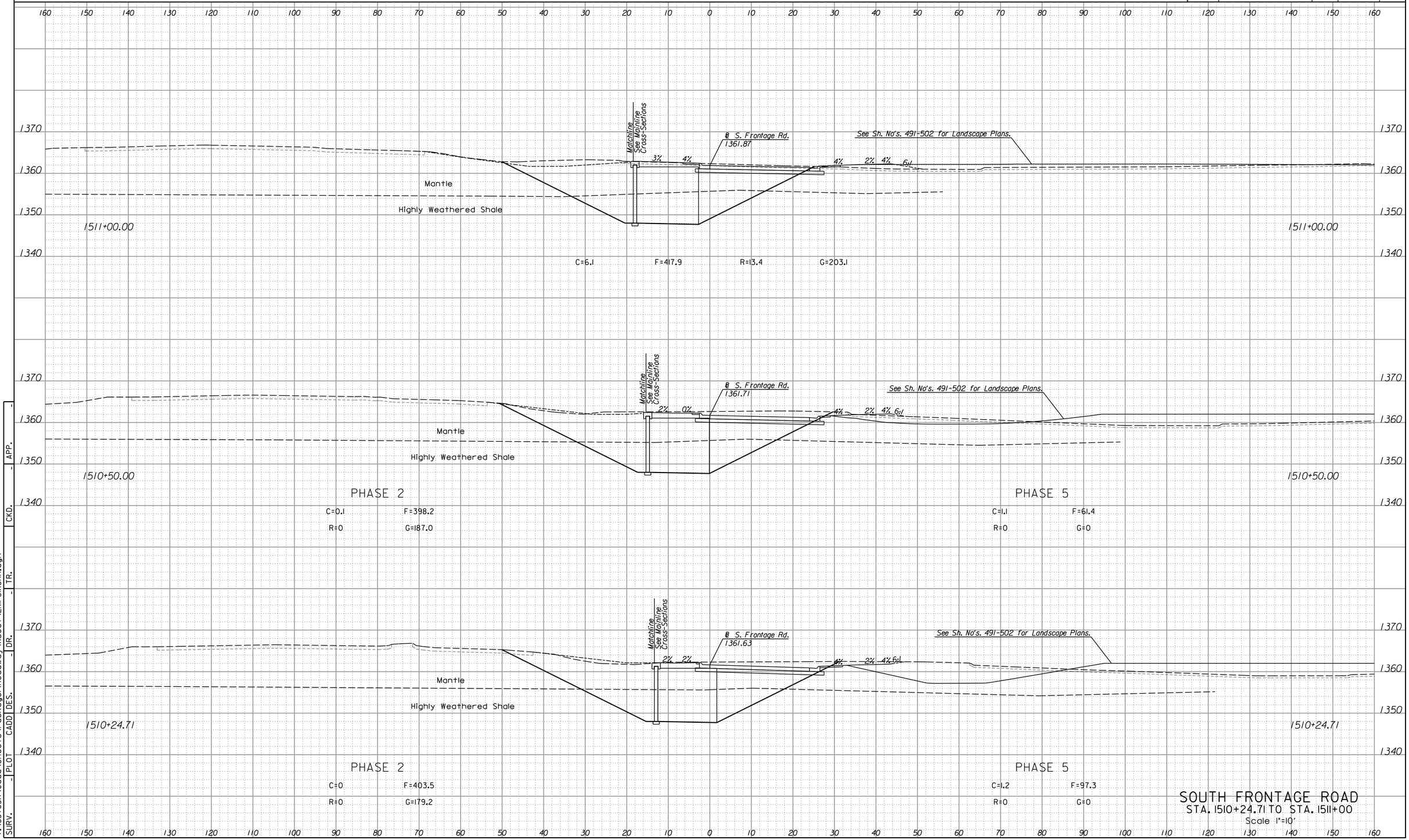
561+00.00

MAINLINE
STA. 561+00 TO STA. 561+13.38
Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	911	1055



SOUTH FRONTAGE ROAD
STA. 1510+24.71 TO STA. 1511+00
Scale 1"=10'

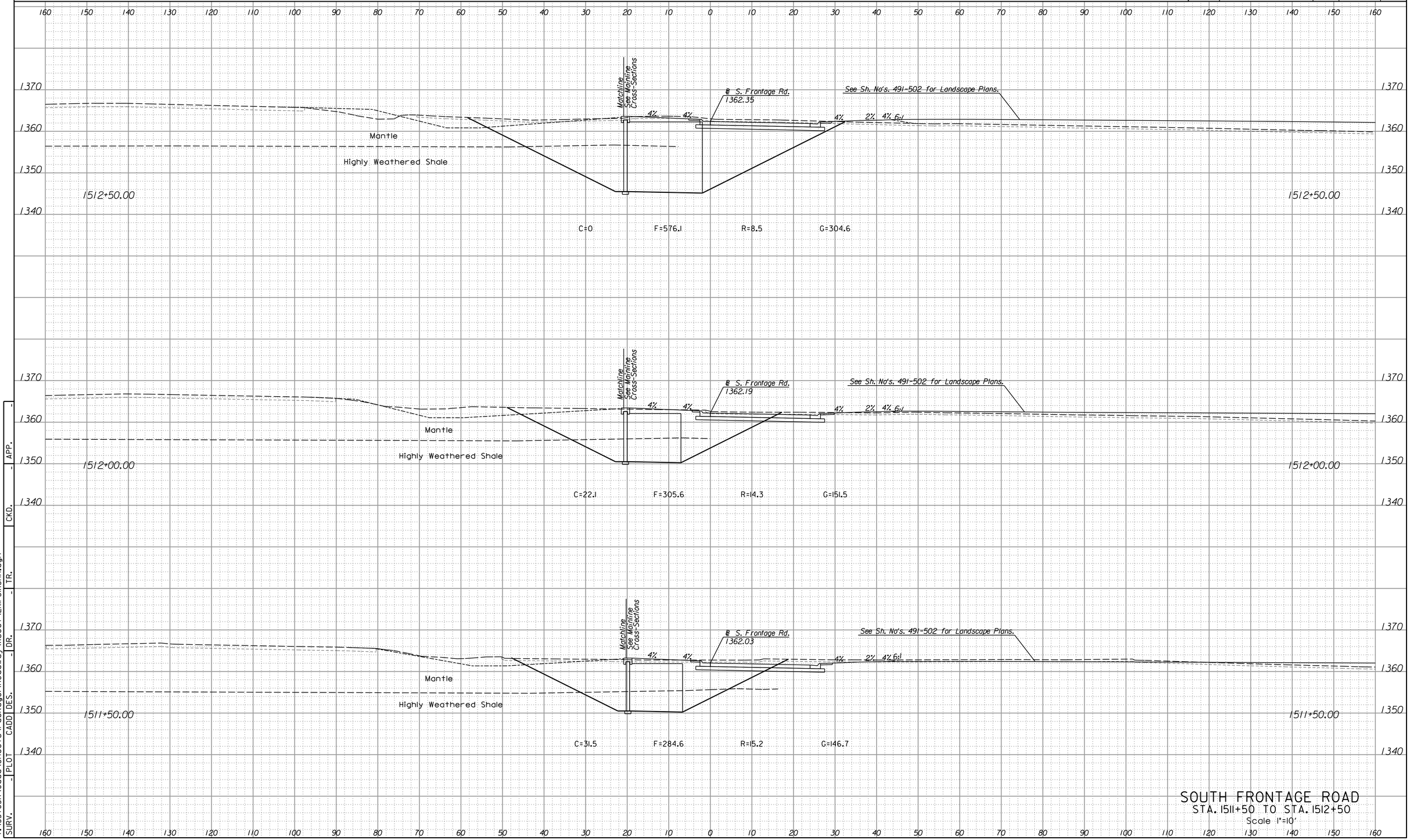
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	912	1055



SOUTH FRONTAGE ROAD
STA. 1511+50 TO STA. 1512+50
Scale 1"=10'

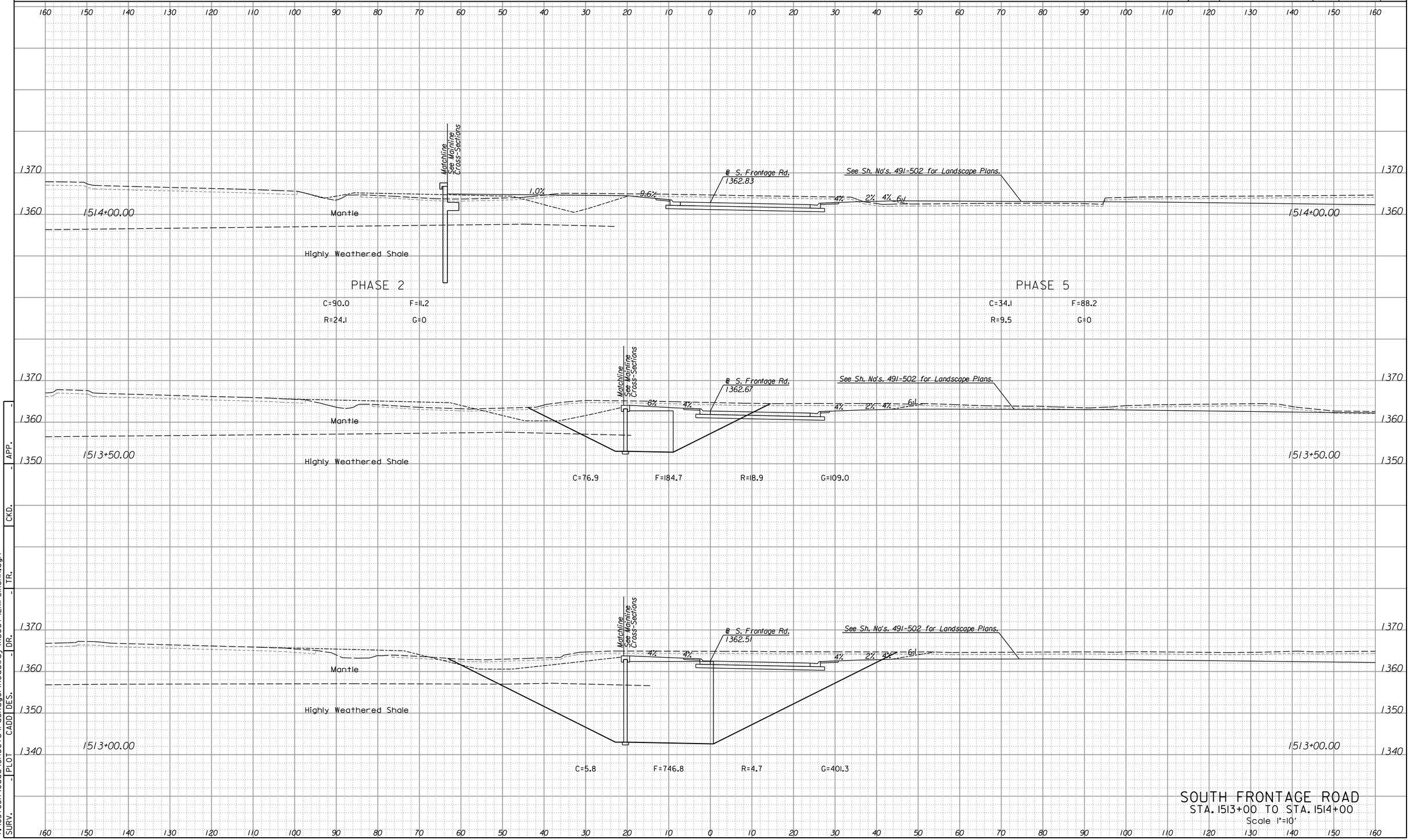
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	913	1055



SOUTH FRONTAGE ROAD
STA. 1513+00 TO STA. 1514+00
Scale 1"=10'

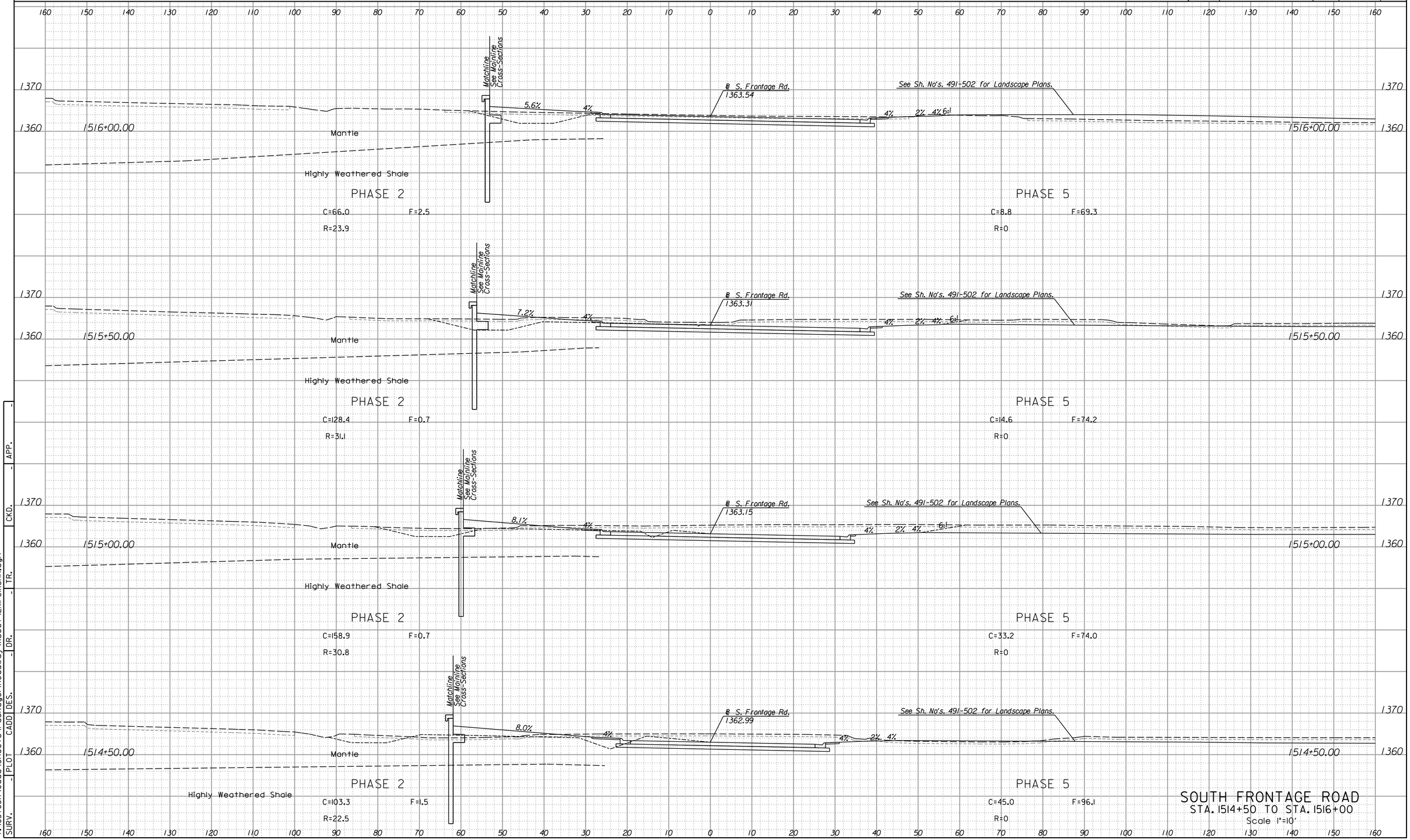
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SURV. | PLOT | CADD | DES. | DR. | - | TR. | - | CKD. | - | APP. | -

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	914	1055



SOUTH FRONTAGE ROAD
STA. 1514+50 TO STA. 1516+00
Scale 1"=10'

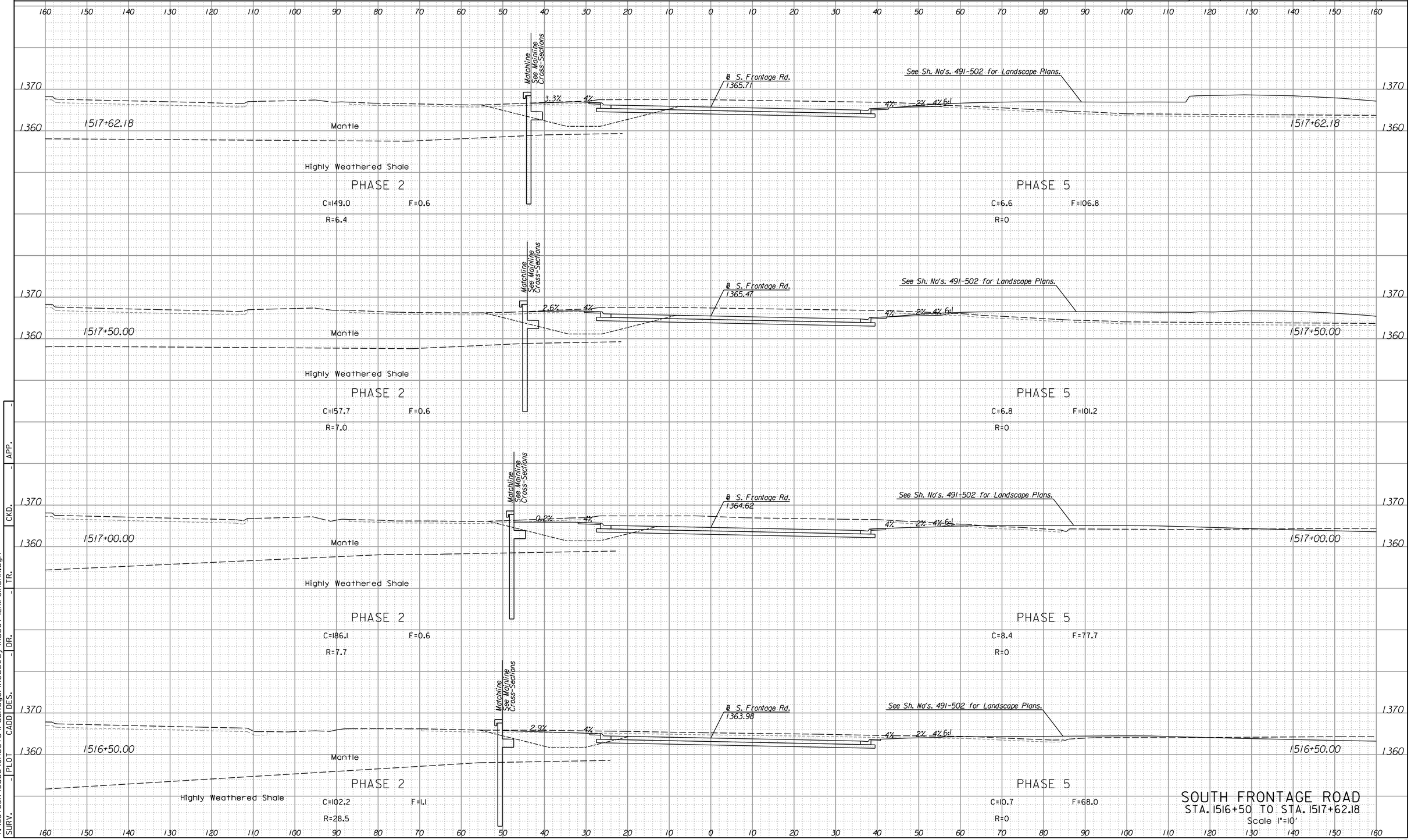
APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	915	1055



SOUTH FRONTAGE ROAD
STA. 1516+50 TO STA. 1517+62.18
Scale 1"=10'

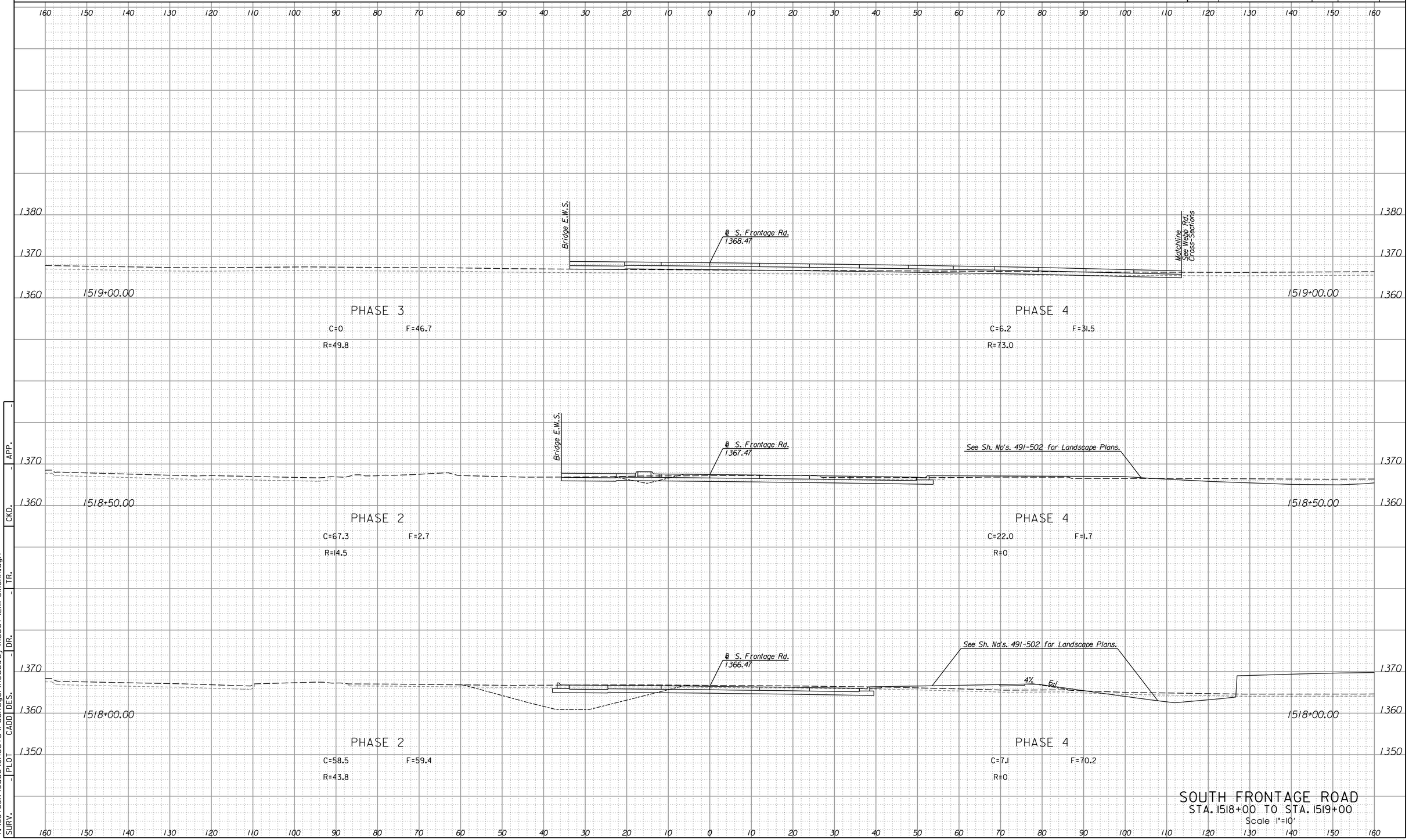
APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	916	1055



SOUTH FRONTAGE ROAD
STA. 1518+00 TO STA. 1519+00
Scale 1"=10'

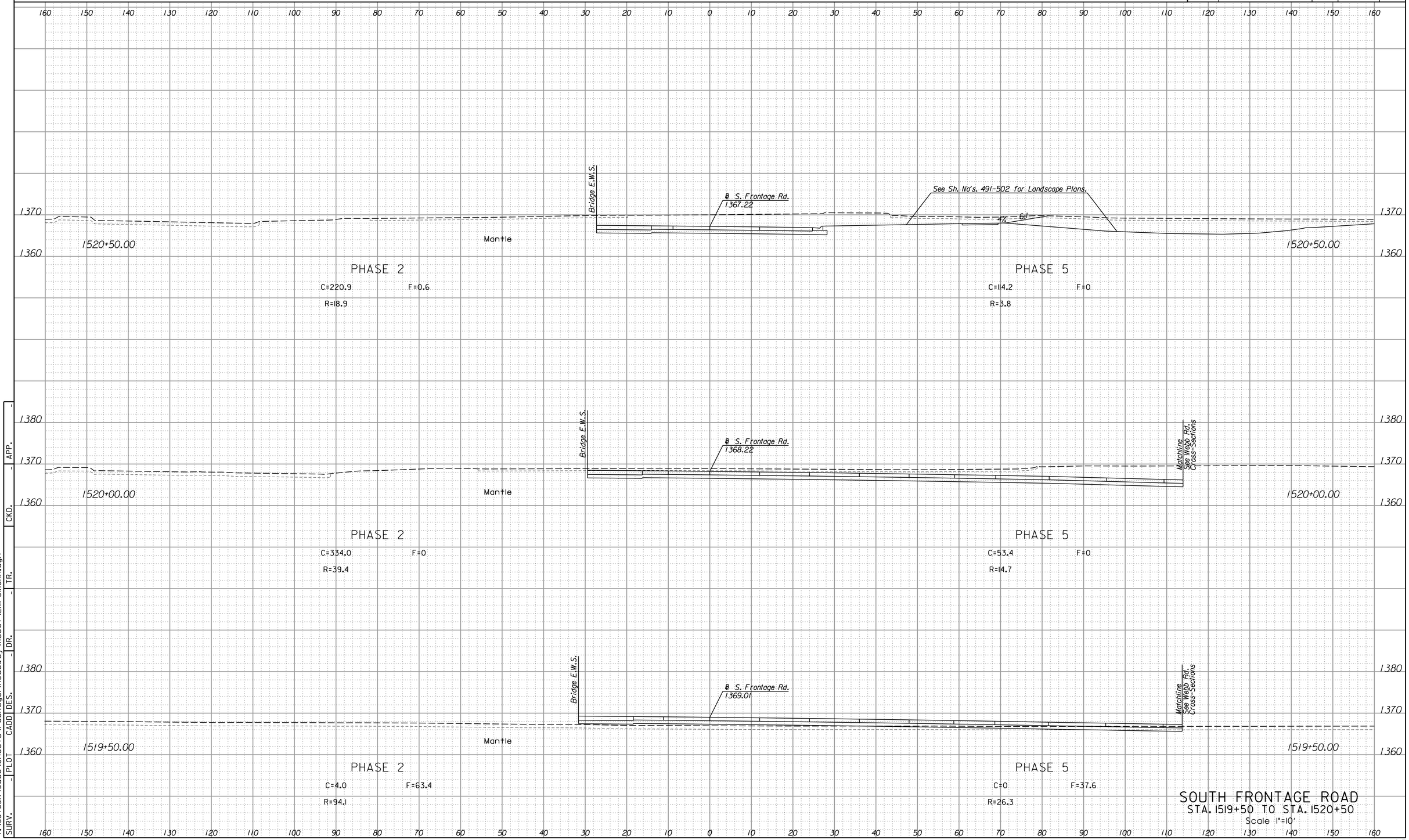
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-	-	-	-	-	-	-	-

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4/15/2015
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	917	1055



SOUTH FRONTAGE ROAD
STA. 1519+50 TO STA. 1520+50
Scale 1"=10'

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	918	1055

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

1380
1370
1360

1521+00.00

Mantle

Highly Weathered Shale

PHASE 2

C=241.5 F=0.7

R=12.3

Matchline See Matchline Cross-Sections

℄ S. Frontage Rd.
1366.28

6:1

See Sh. No's. 491-502 for Landscape Plans.

4% 6:1

1521+00.00

PHASE 5

C=70.4 F=0.7

R=3.2

SOUTH FRONTAGE ROAD
STA. 1521+00
Scale 1"=10'

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

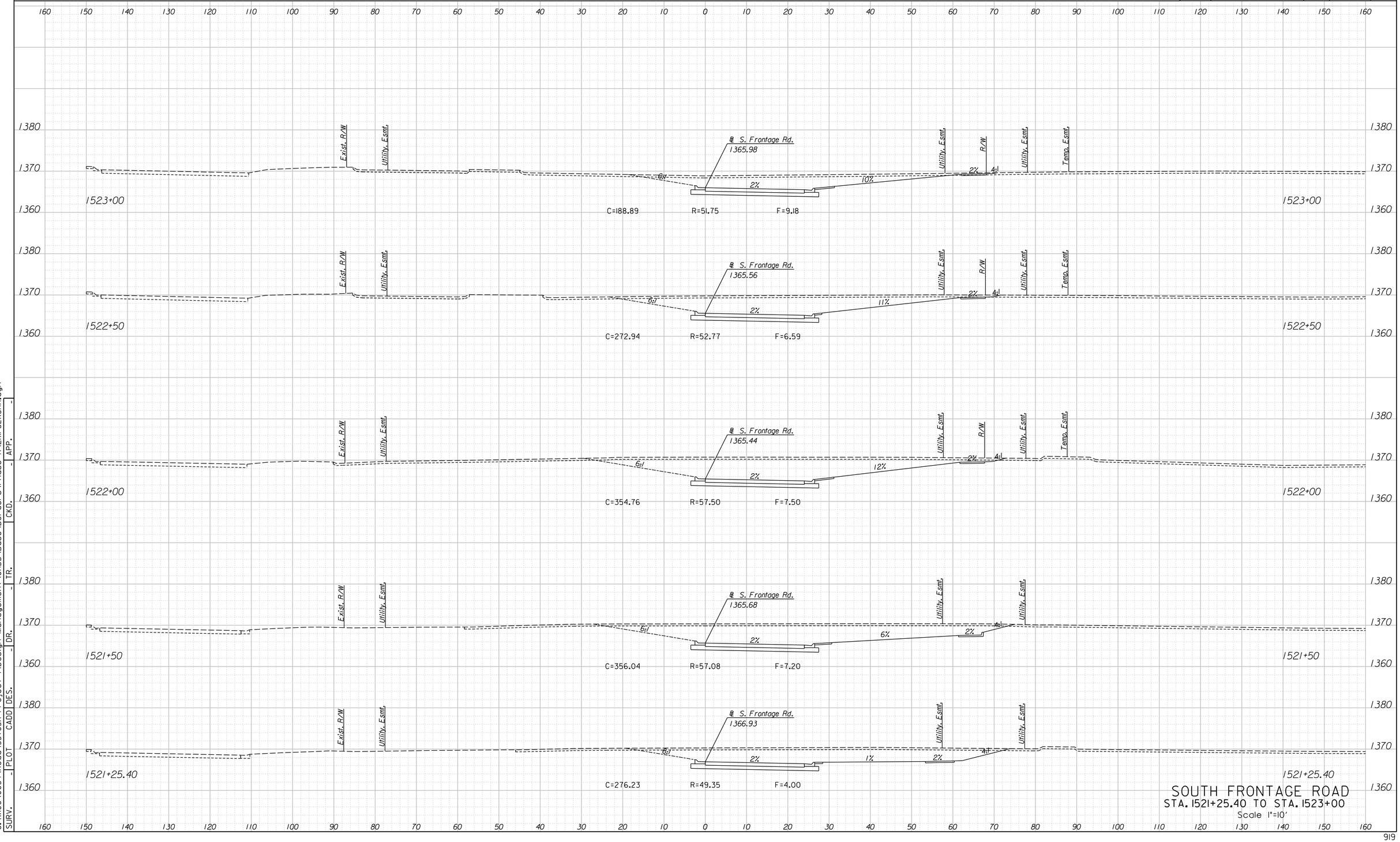
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	919	1055



SOUTH FRONTAGE ROAD
STA. 1521+25.40 TO STA. 1523+00
Scale 1"=10'

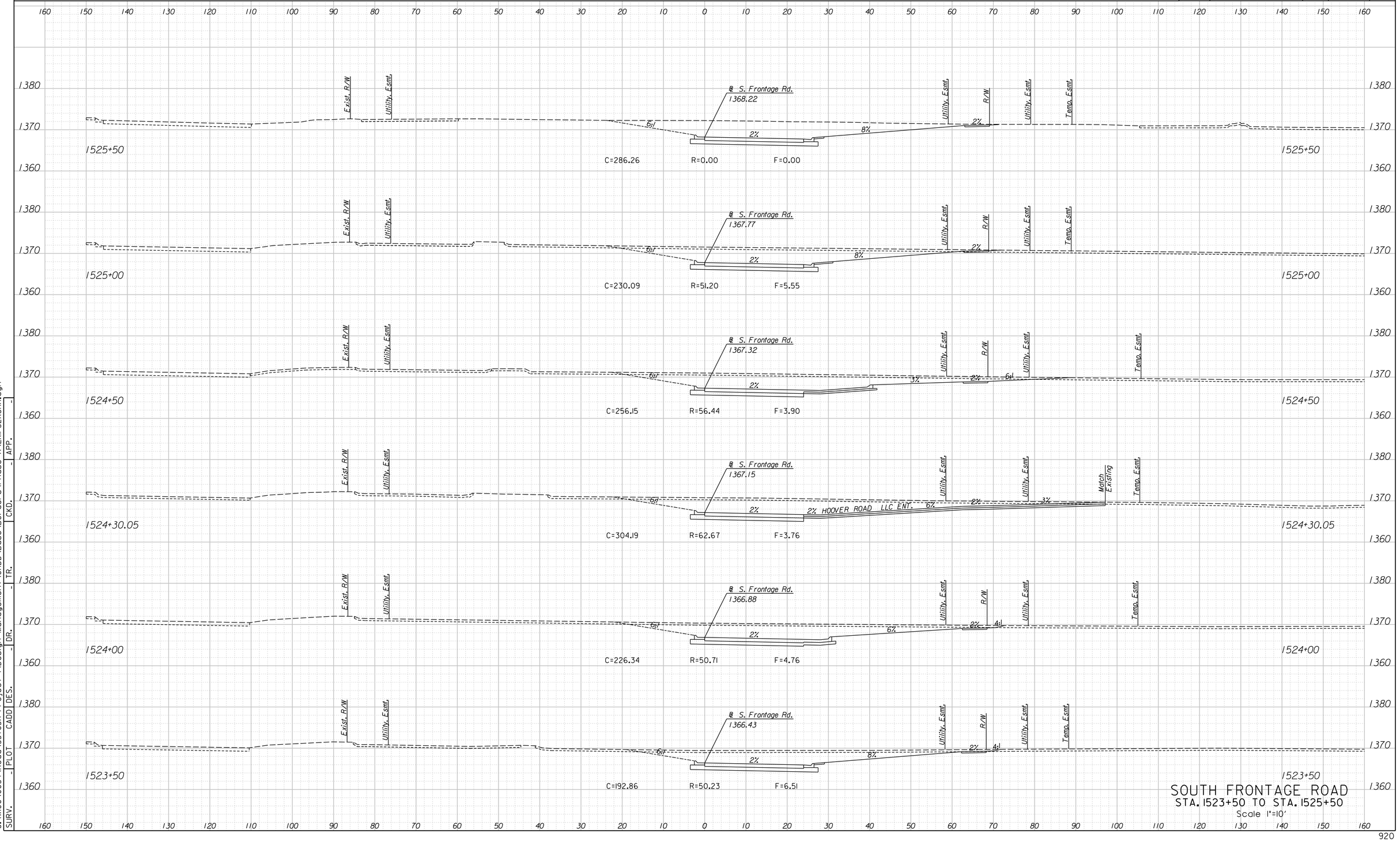
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	920	1055



SOUTH FRONTAGE ROAD
STA. 1523+50 TO STA. 1525+50
Scale 1"=10'

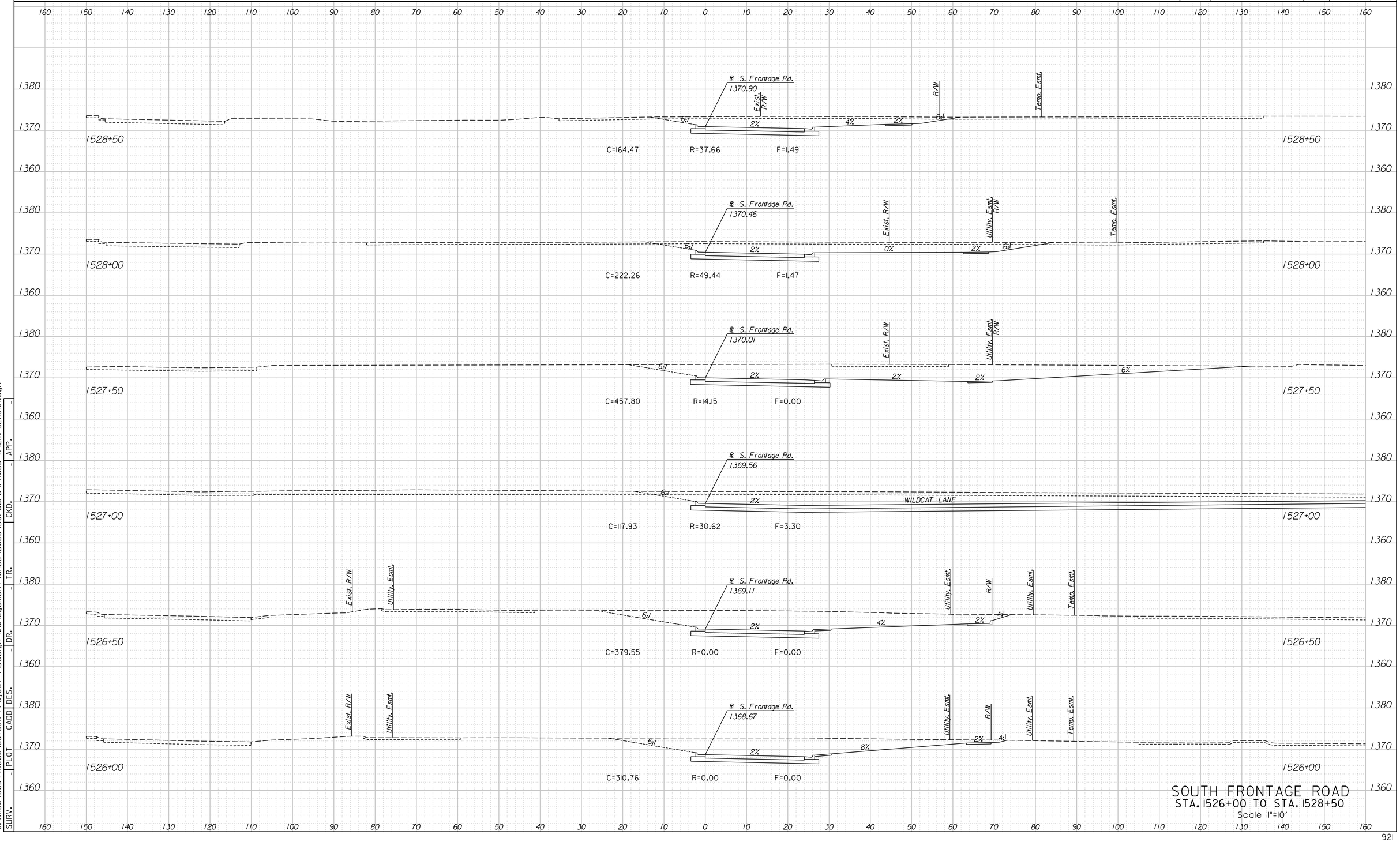
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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	921	1055



SOUTH FRONTAGE ROAD
STA. 1526+00 TO STA. 1528+50
Scale 1"=10'

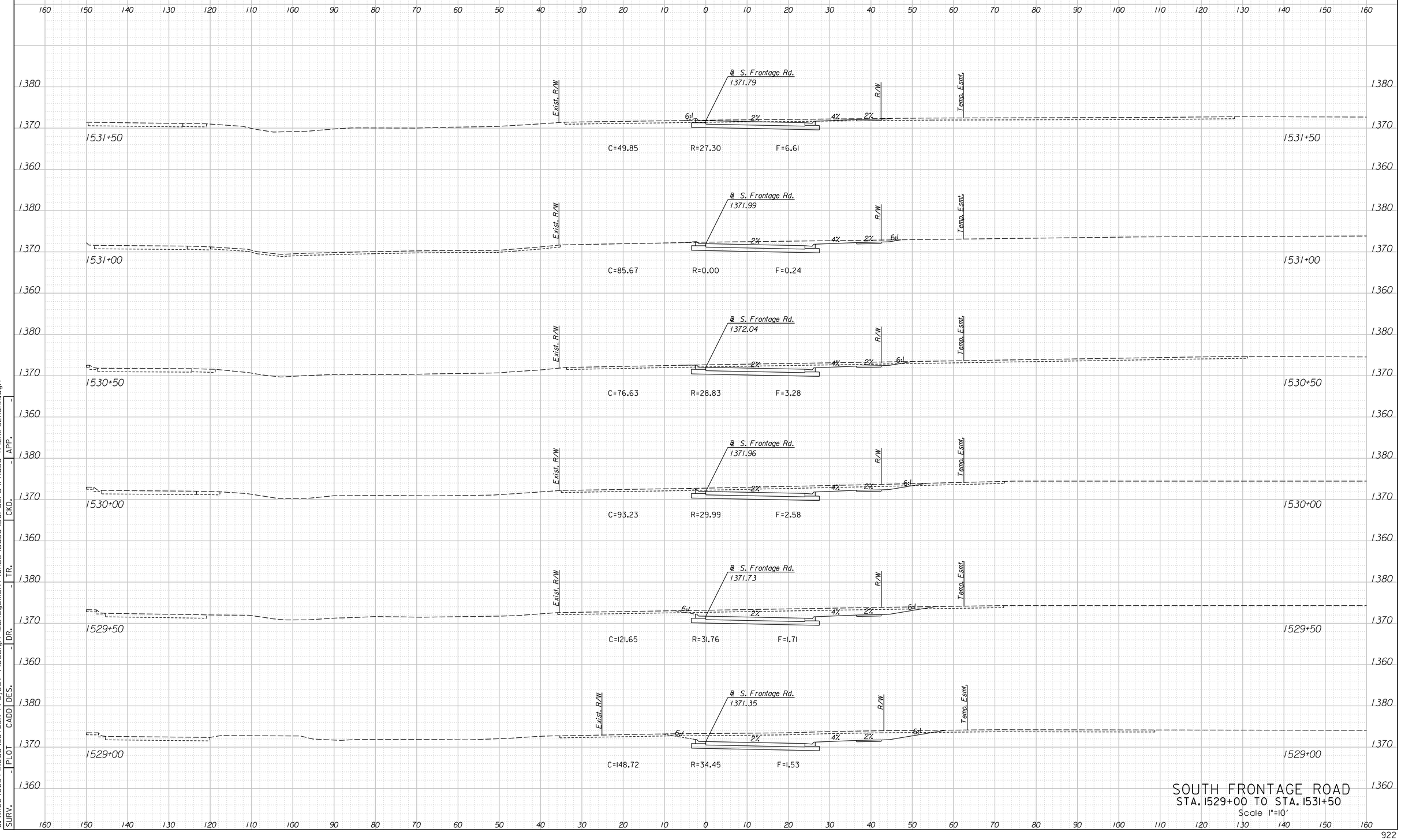
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	922	1055



SOUTH FRONTAGE ROAD
STA. 1529+00 TO STA. 1531+50
Scale 1"=10'

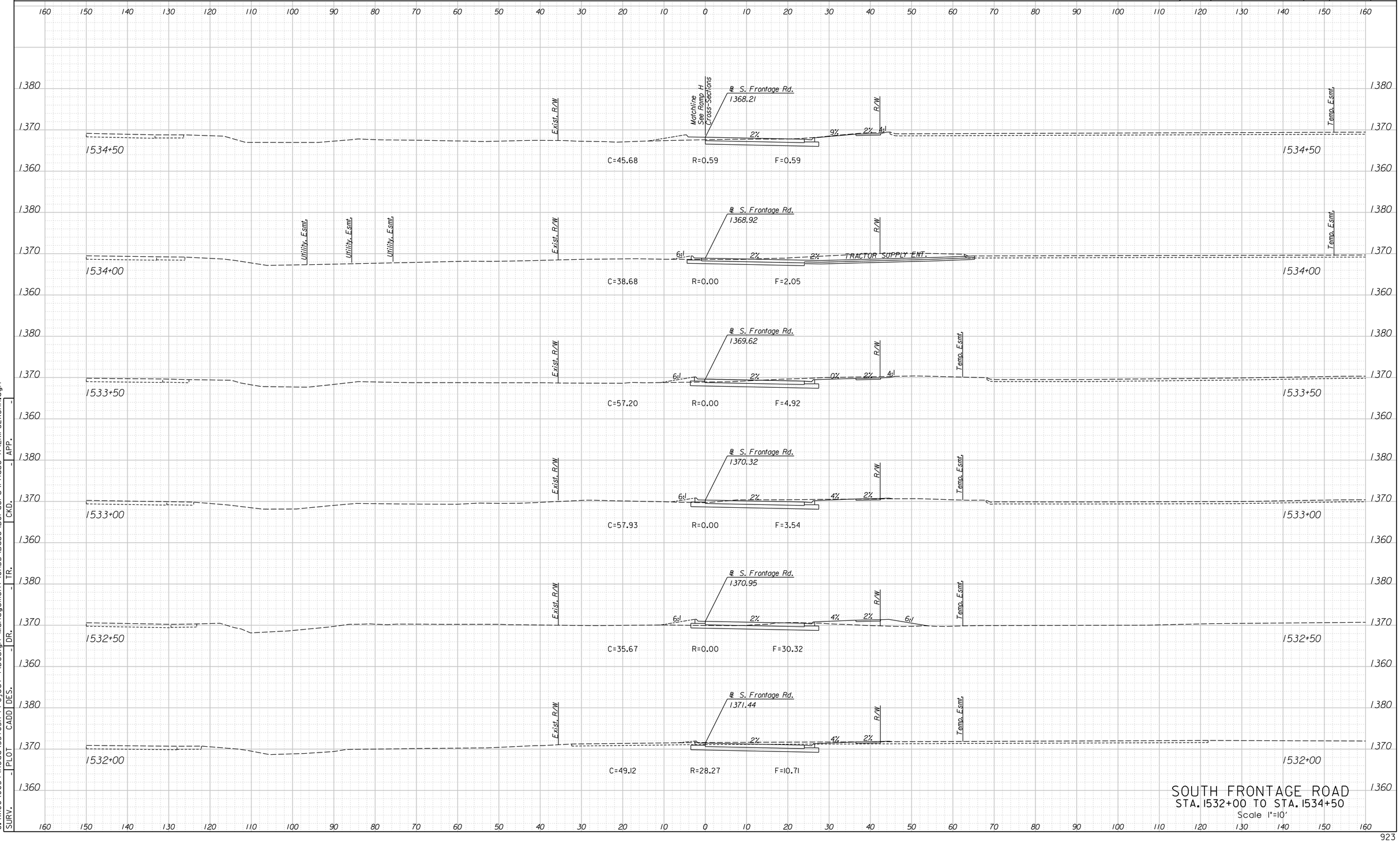
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	923	1055



SOUTH FRONTAGE ROAD
STA. 1532+00 TO STA. 1534+50
Scale 1"=10'

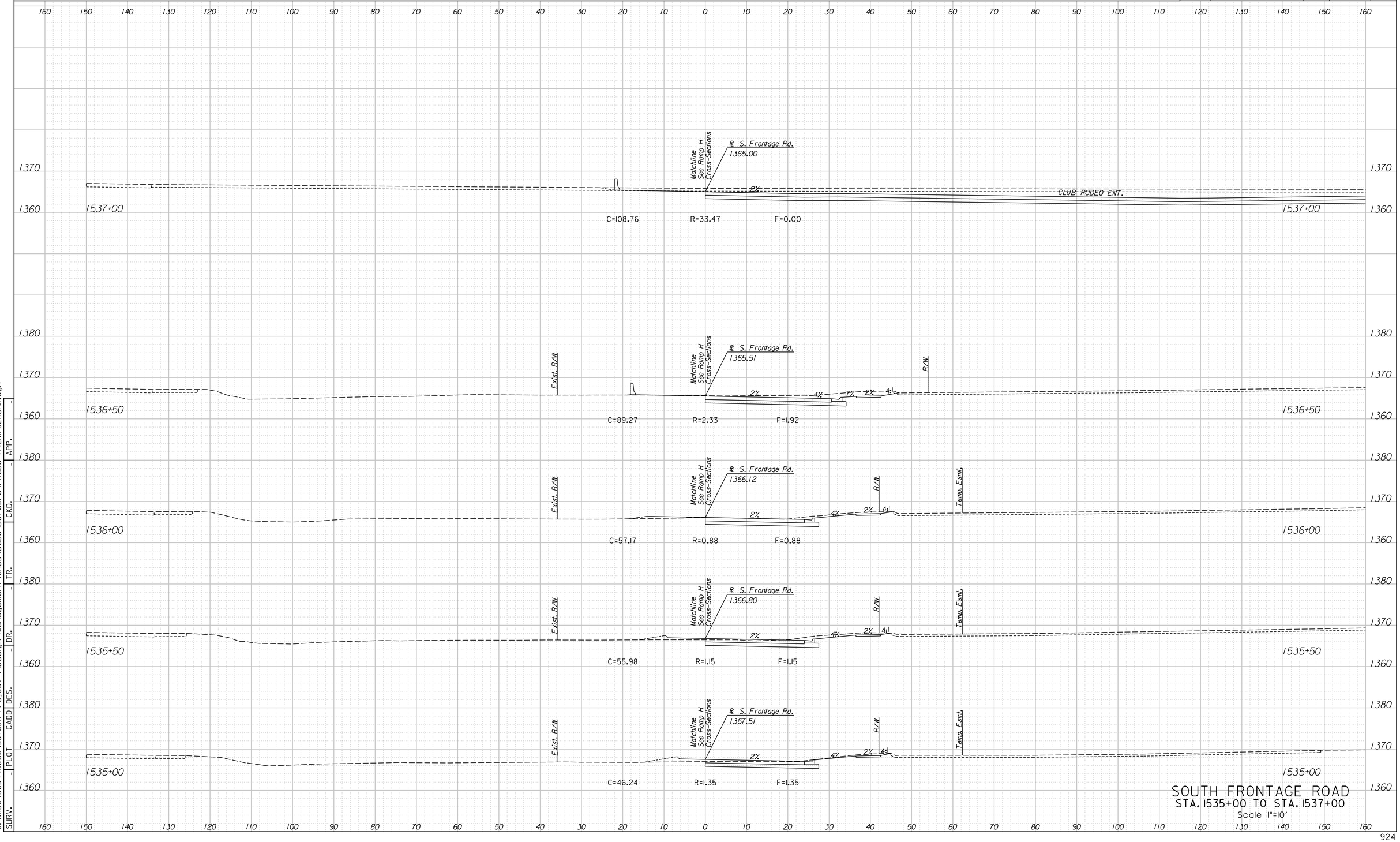
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	924	1055



SOUTH FRONTAGE ROAD
STA. 1535+00 TO STA. 1537+00
Scale 1"=10'

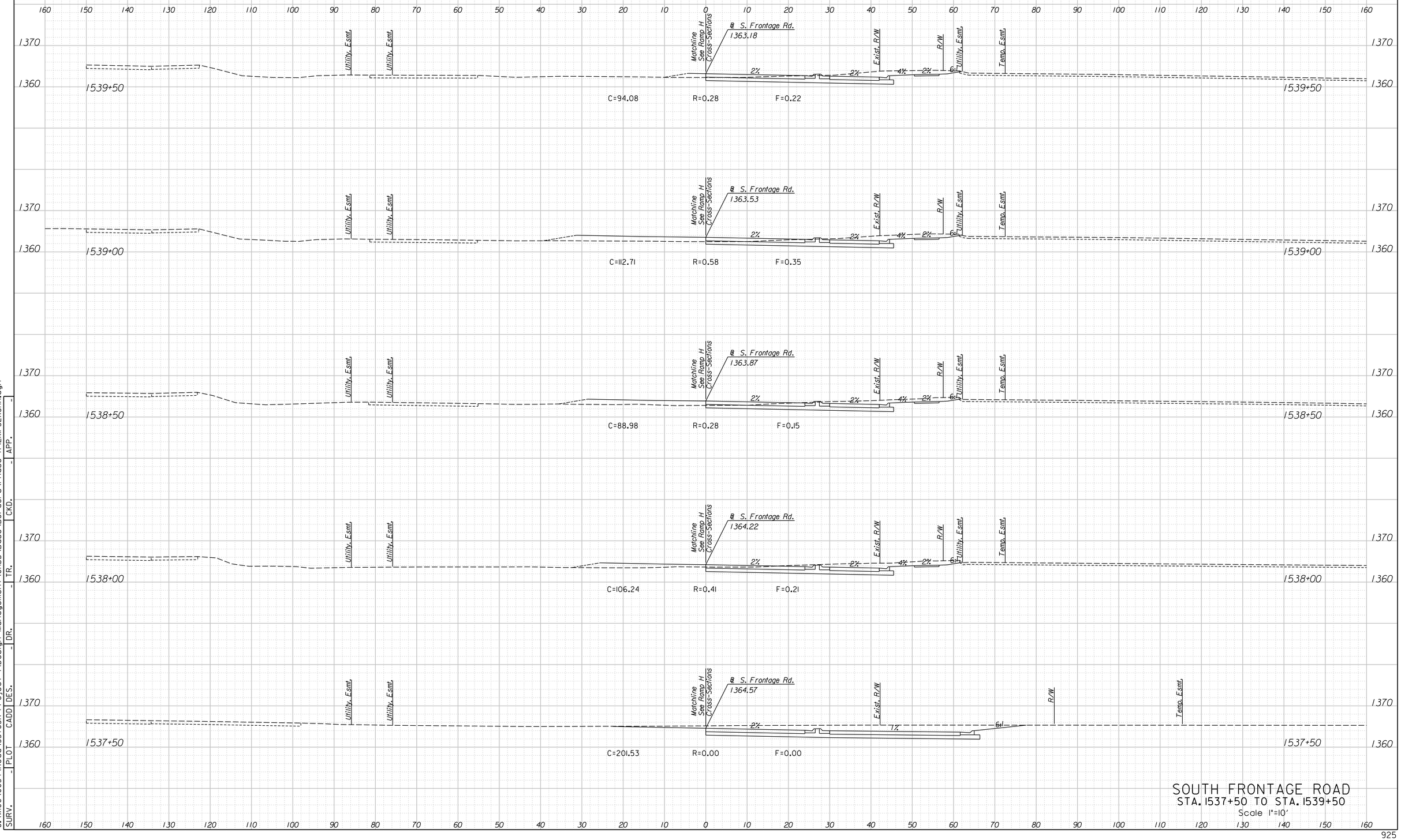
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	925	1055



SOUTH FRONTAGE ROAD
STA. 1537+50 TO STA. 1539+50

Scale 1"=10'

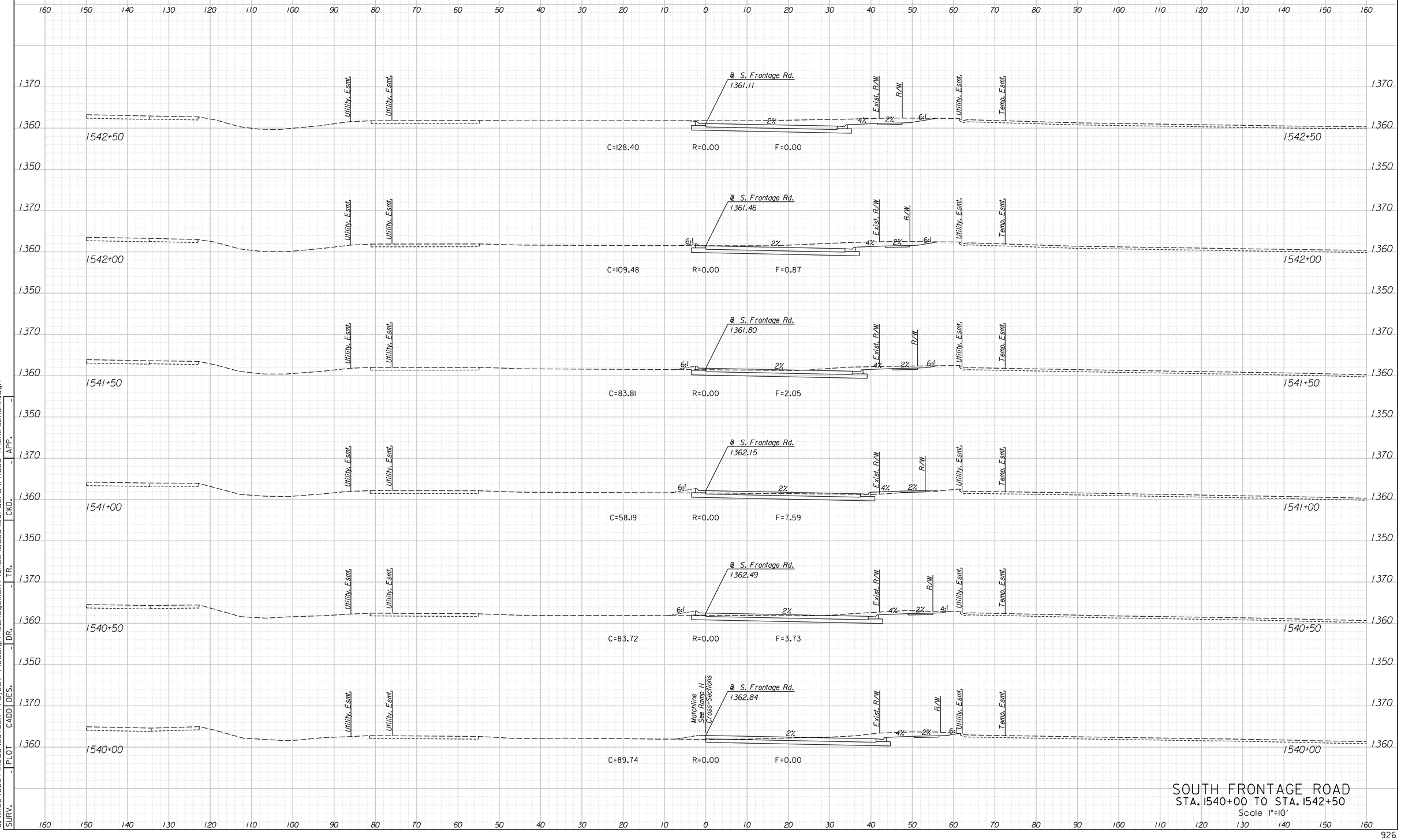
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ———— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	926	1055



SOUTH FRONTAGE ROAD
STA. 1540+00 TO STA. 1542+50
Scale 1"=10'

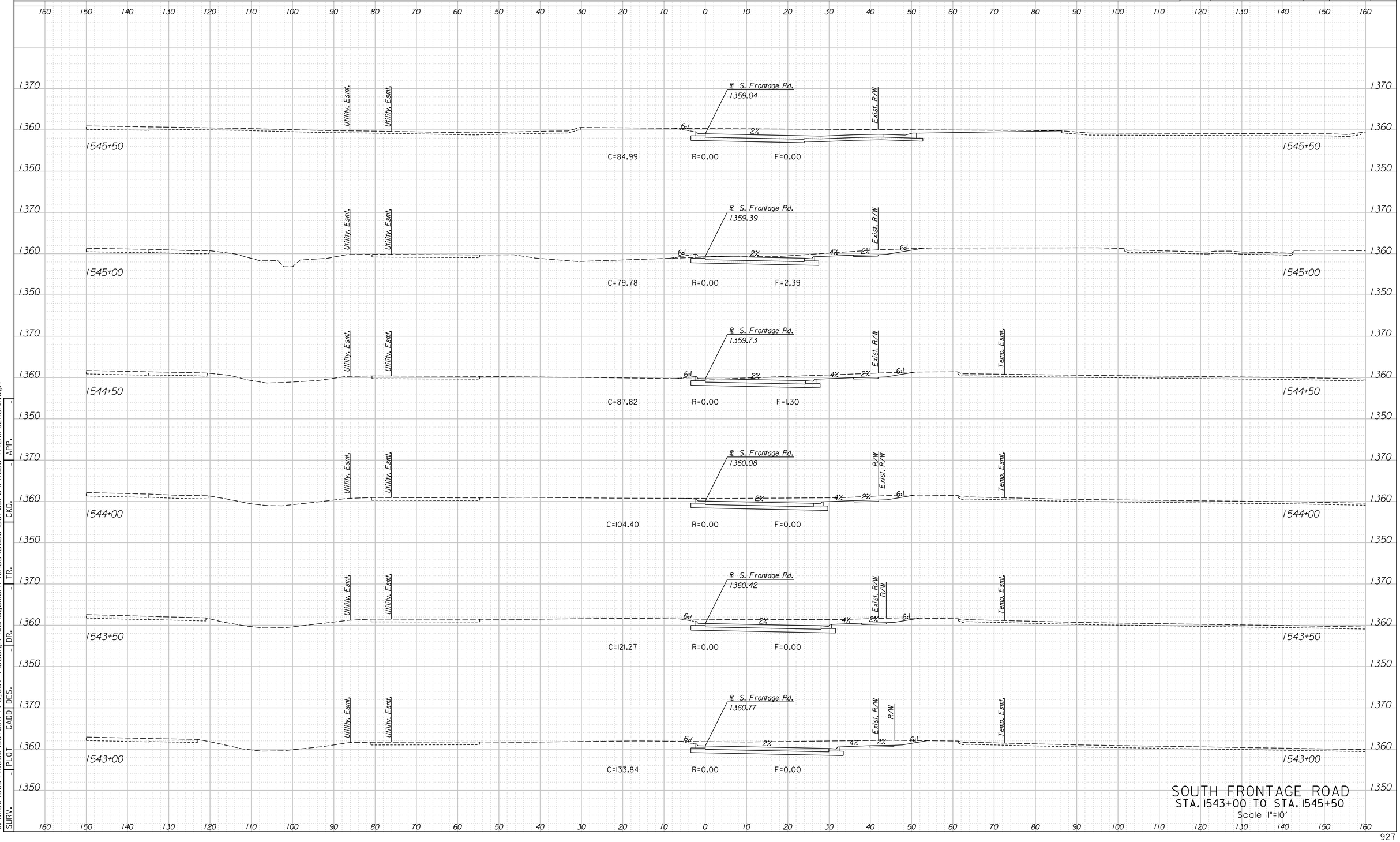
SURV. - | PLOT | CADD | DES. - | DR. - | TR. - | CKD. - | APP. -

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ———— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	927	1055



SOUTH FRONTAGE ROAD
STA. 1543+00 TO STA. 1545+50
Scale 1"=10'

SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.	-

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	928	1055

@ S. Frontage Rd.
1357.16
Exist. R/W
Temp. Esmt.
Utility Esmt.
2%
2%
2%
1548+50
C=65.64 R=0.00 F=0.70

@ S. Frontage Rd.
1357.43
1548+00
C=64.41 R=0.00 F=0.69

@ S. Frontage Rd.
1357.71
1%
6:1
1547+50
C=57.85 R=0.00 F=6.03

@ S. Frontage Rd.
1358.02
1547+00
C=55.77 R=0.00 F=5.88

@ S. Frontage Rd.
1358.36
4%
1546+50
C=74.27 R=0.00 F=0.48

@ S. Frontage Rd.
1358.70
6:1
CARMAX ENT.
1546+00
C=91.36 R=2.41 F=0.00

SOUTH FRONTAGE ROAD
STA. 1546+00 TO STA. 1548+50
Scale 1"=10'

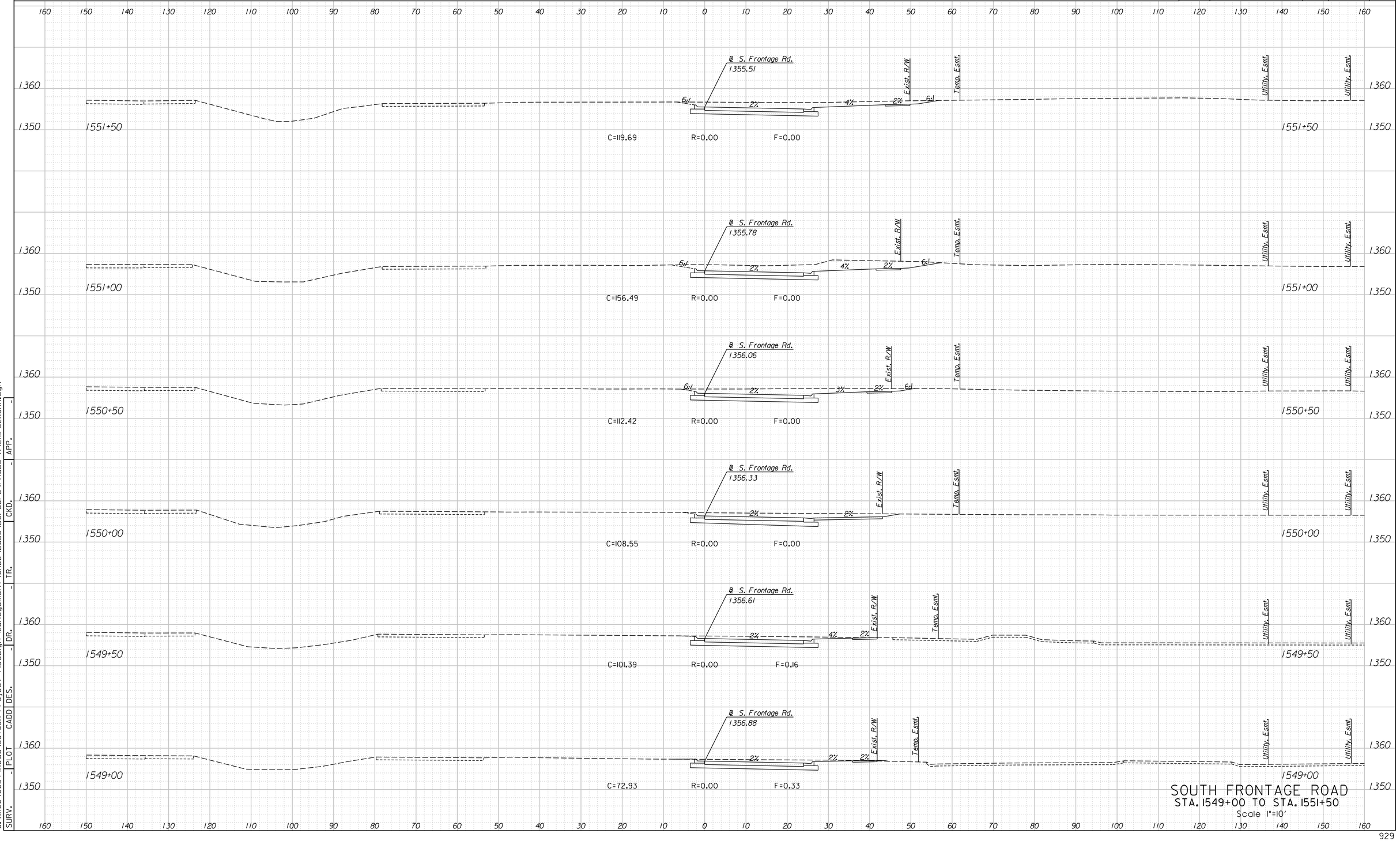
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	929	1055



SOUTH FRONTAGE ROAD
STA. 1549+00 TO STA. 1551+50
Scale 1"=10'

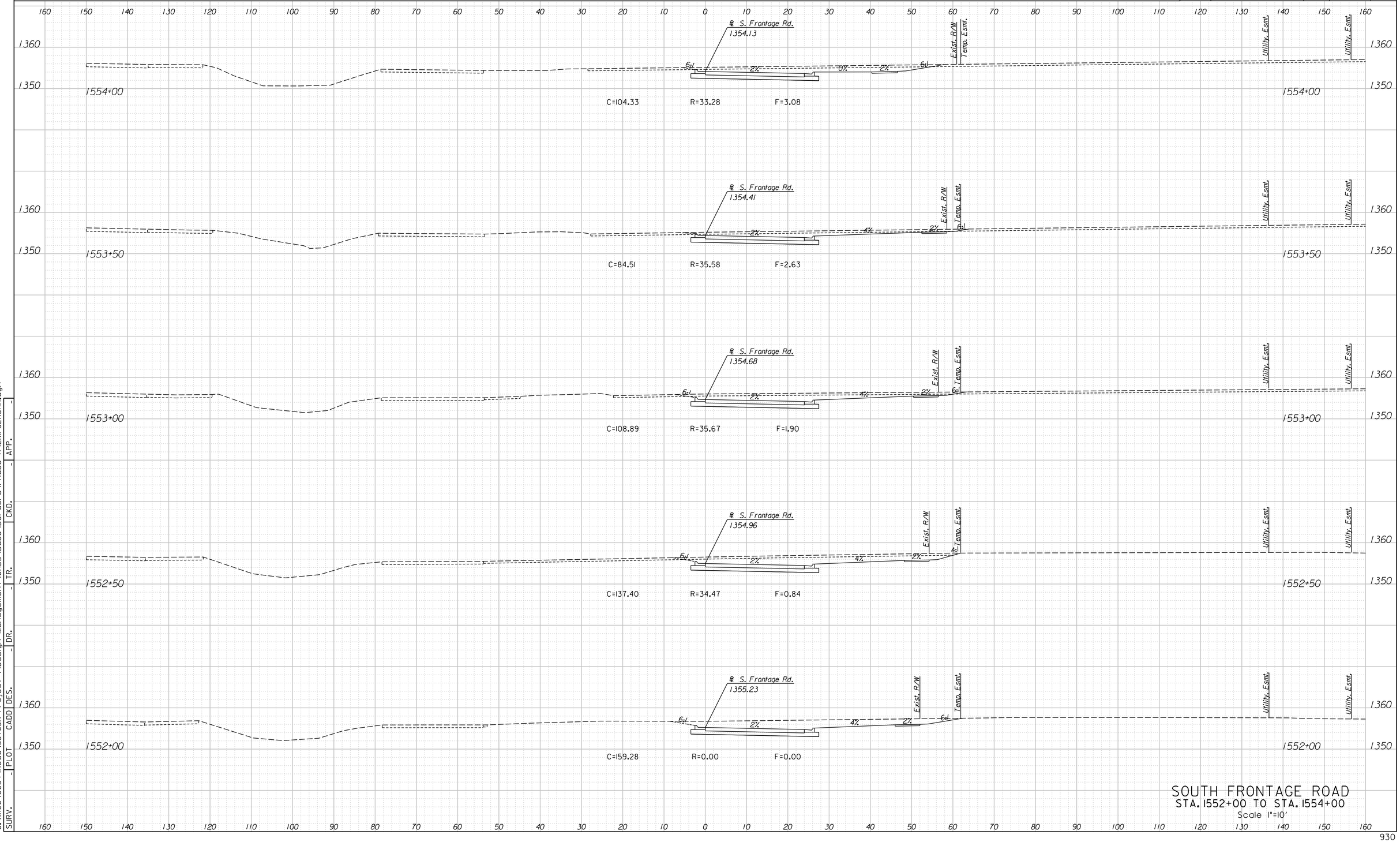
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	930	1055



SOUTH FRONTAGE ROAD
STA. 1552+00 TO STA. 1554+00
Scale 1"=10'

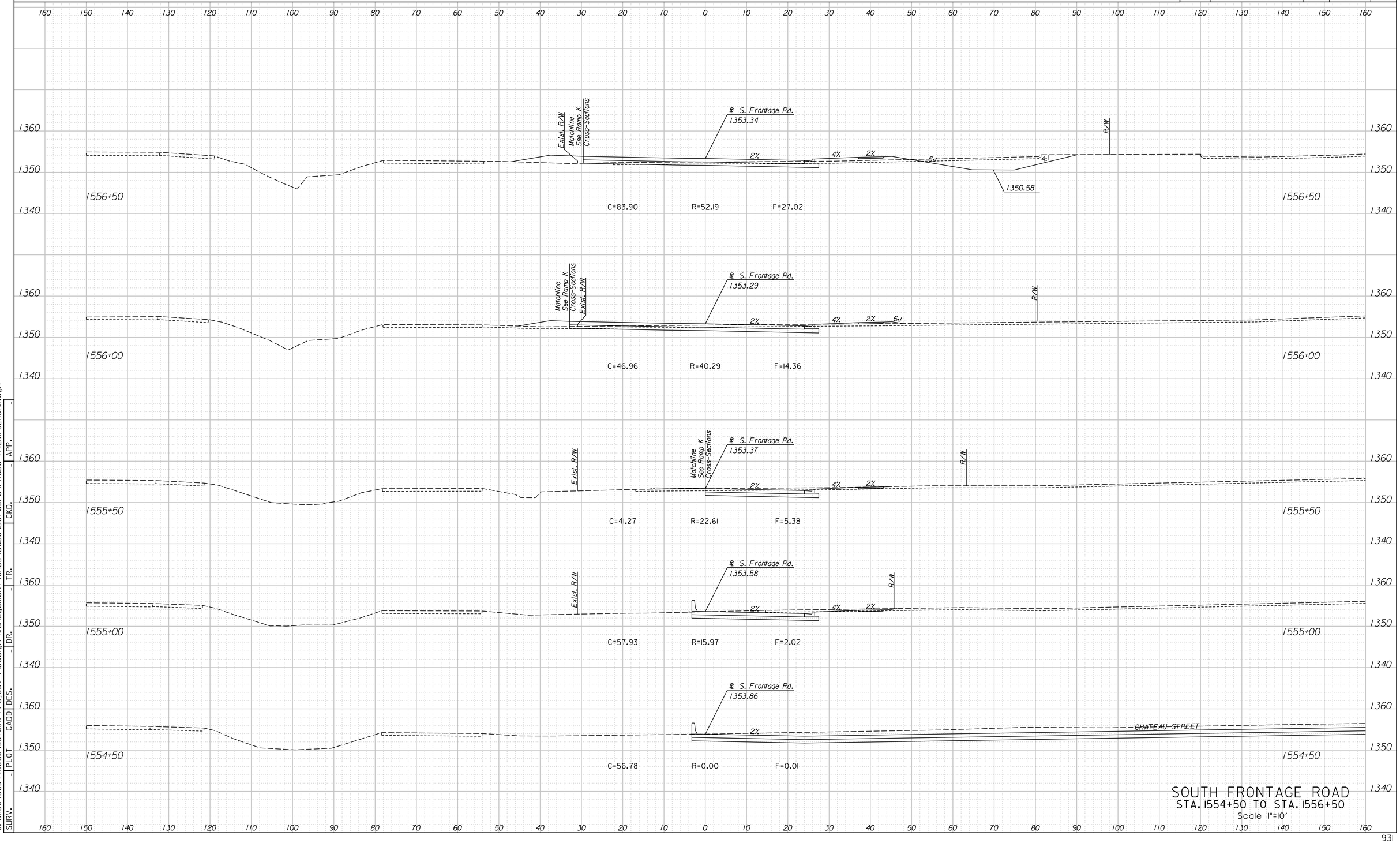
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	931	1055



SOUTH FRONTAGE ROAD
STA. 1554+50 TO STA. 1556+50
Scale 1"=10'

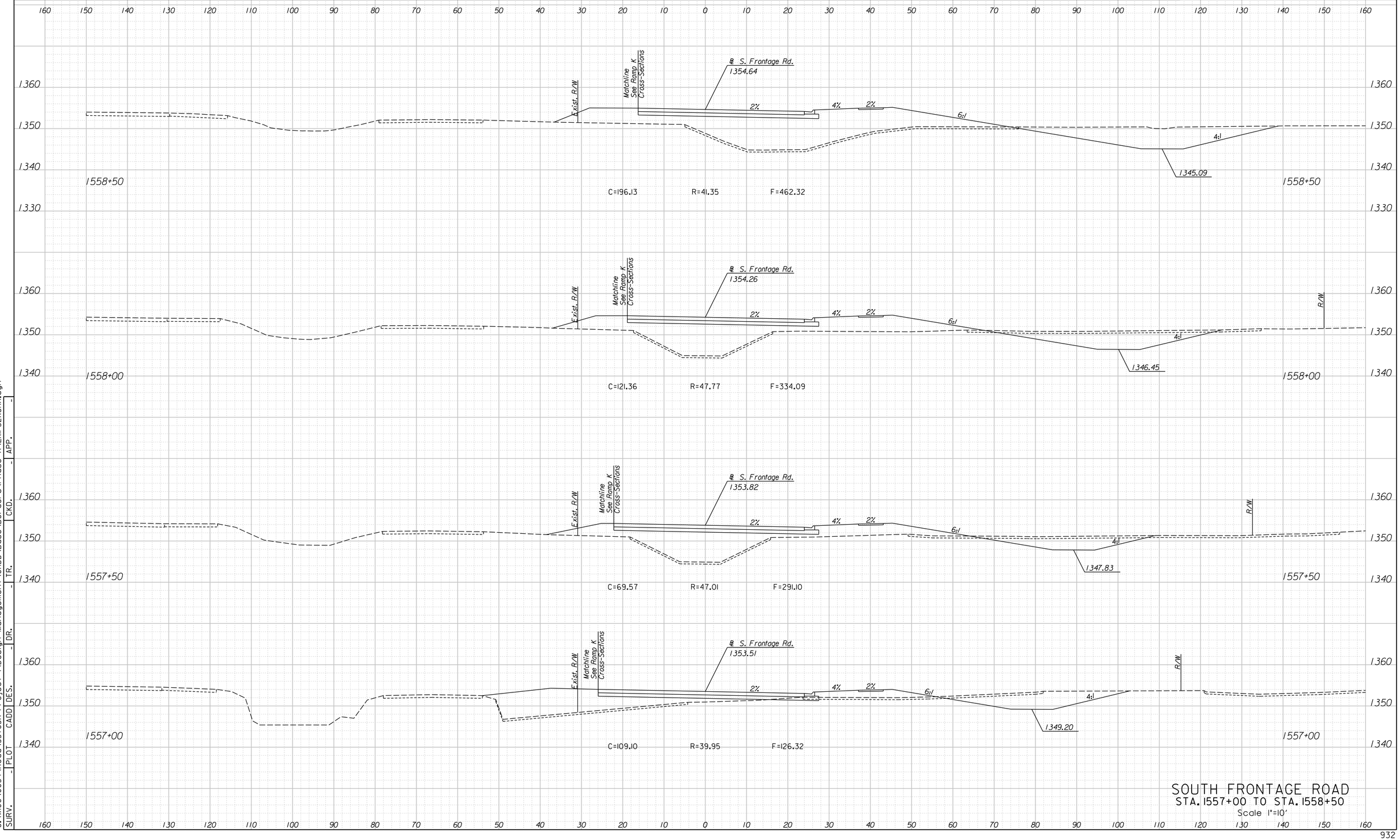
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	932	1055



SOUTH FRONTAGE ROAD
STA. 1557+00 TO STA. 1558+50
Scale 1"=10'

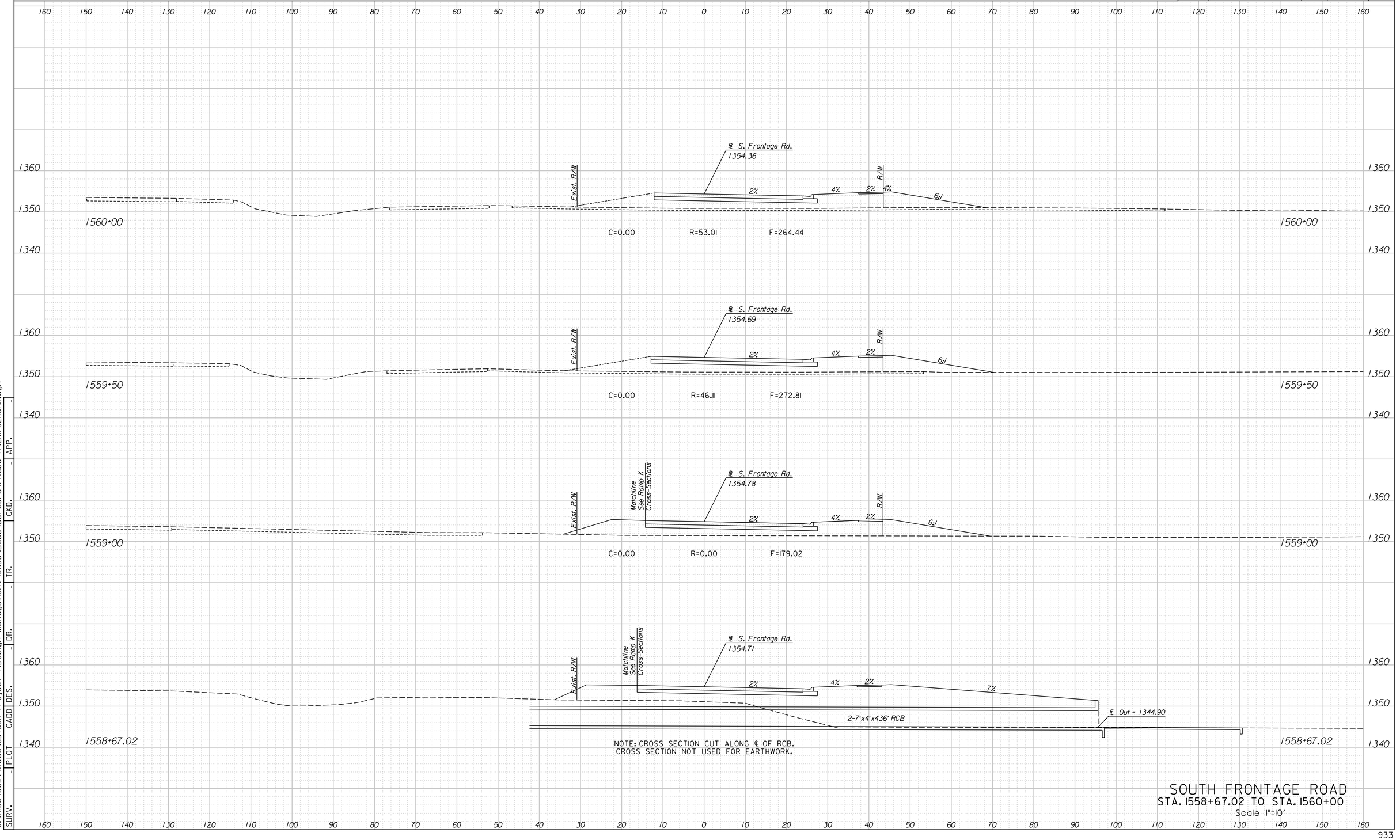
SURV. | PLOT | CADD | DES. | DR. | - | TR. | - | CKD. | - | APP. | -

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	933	1055



SOUTH FRONTAGE ROAD
STA. 1558+67.02 TO STA. 1560+00
Scale 1"=10'

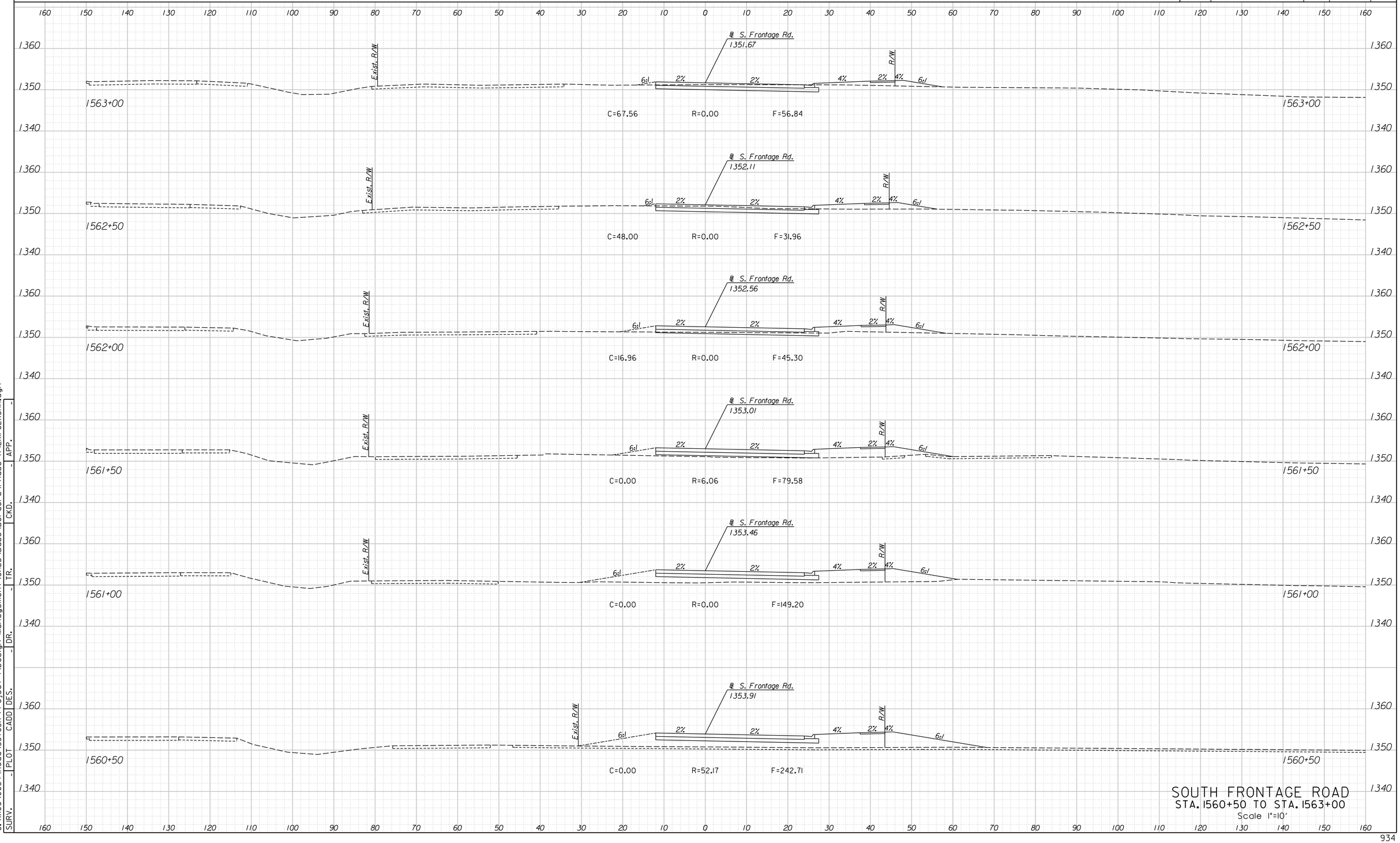
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	934	1055



SOUTH FRONTAGE ROAD
STA. 1560+50 TO STA. 1563+00
Scale 1"=10'

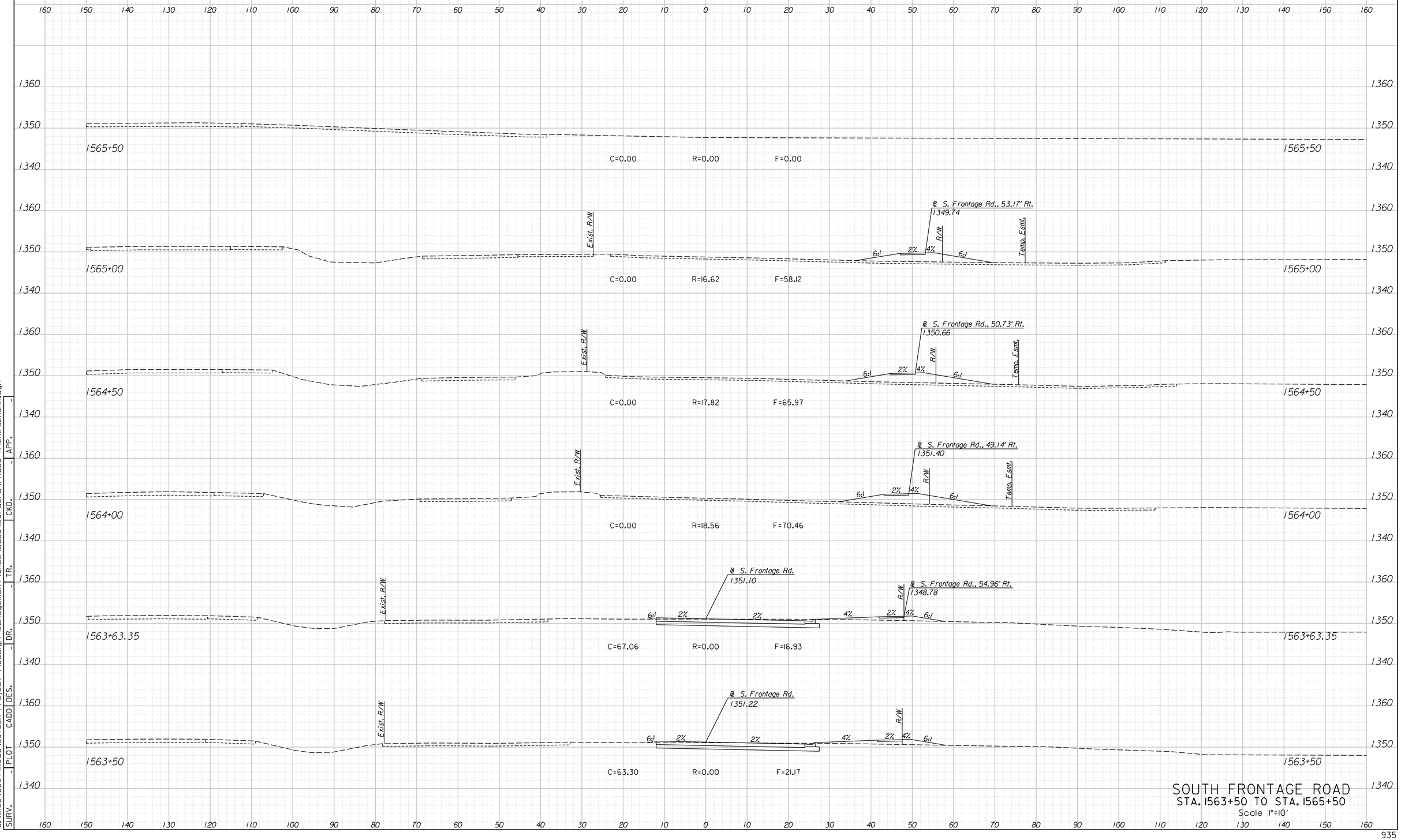
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	935	1055



SOUTH FRONTAGE ROAD
STA. 1563+50 TO STA. 1565+50
Scale 1"=10'

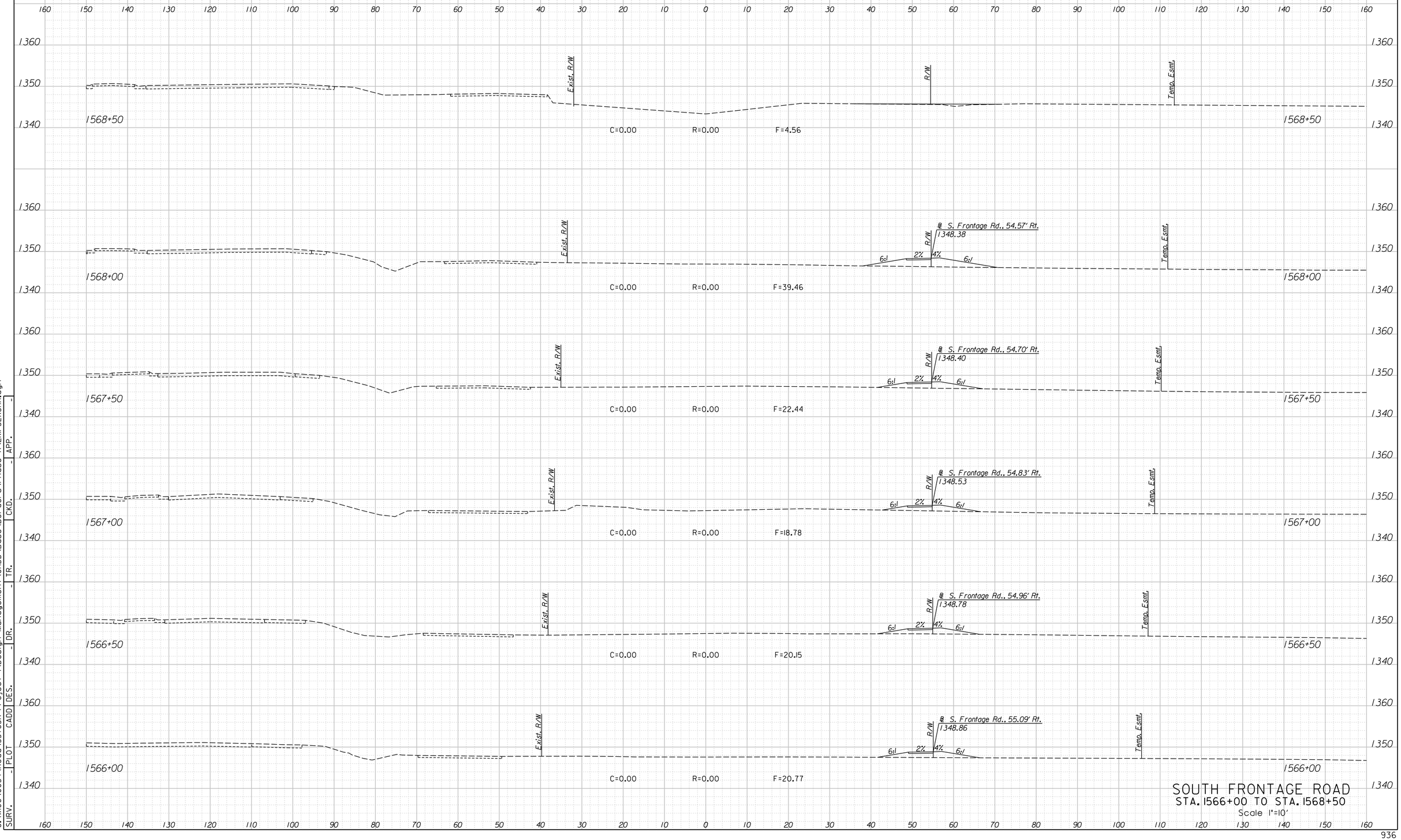
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	936	1055



SOUTH FRONTAGE ROAD
STA. 1566+00 TO STA. 1568+50
Scale 1"=10'

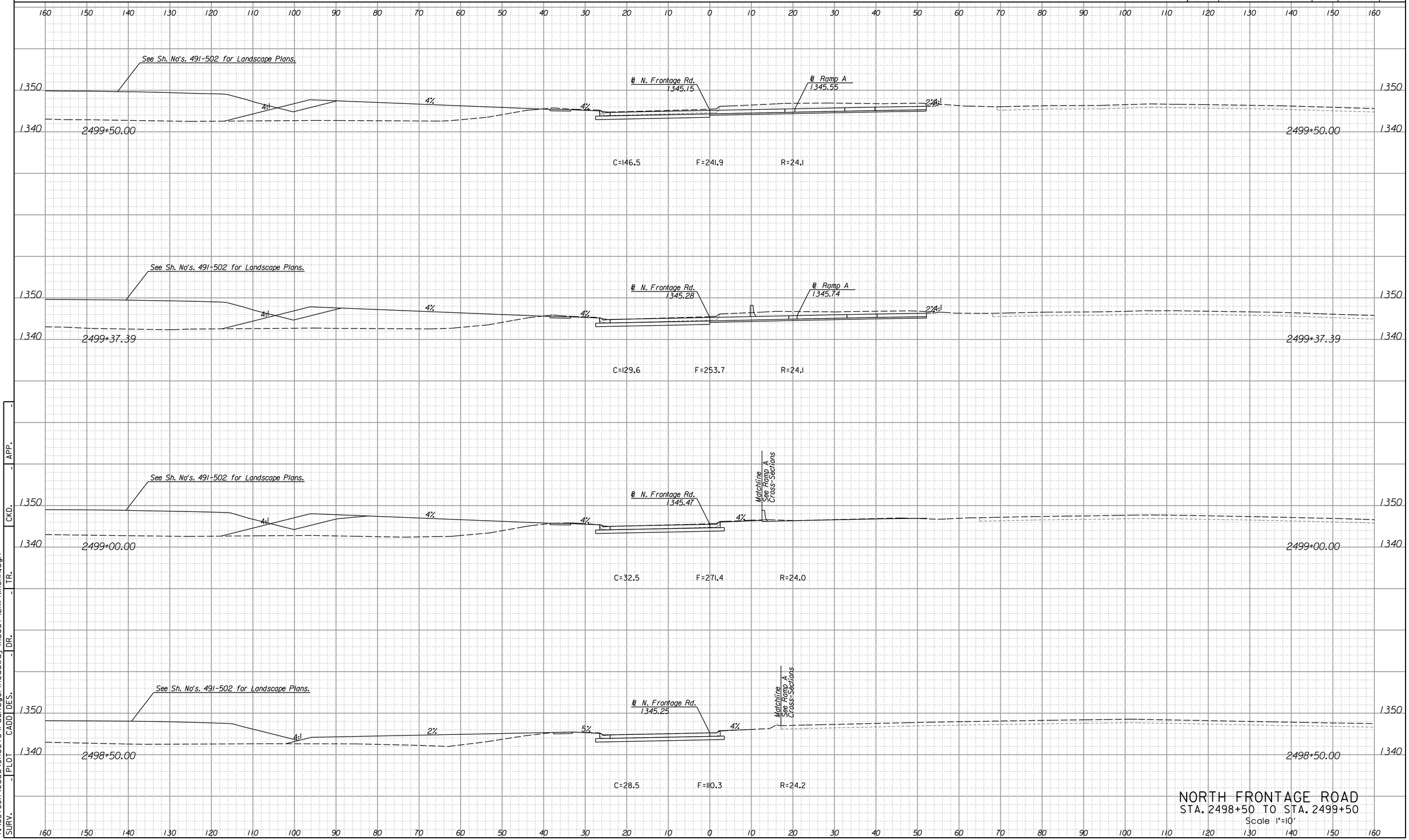
SURV.	-	PLOT	CADD	DES.	-	DR.	-	TR.	-	CKD.	-	APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	937	1055



NORTH FRONTAGE ROAD
STA. 2498+50 TO STA. 2499+50
Scale 1"=10'

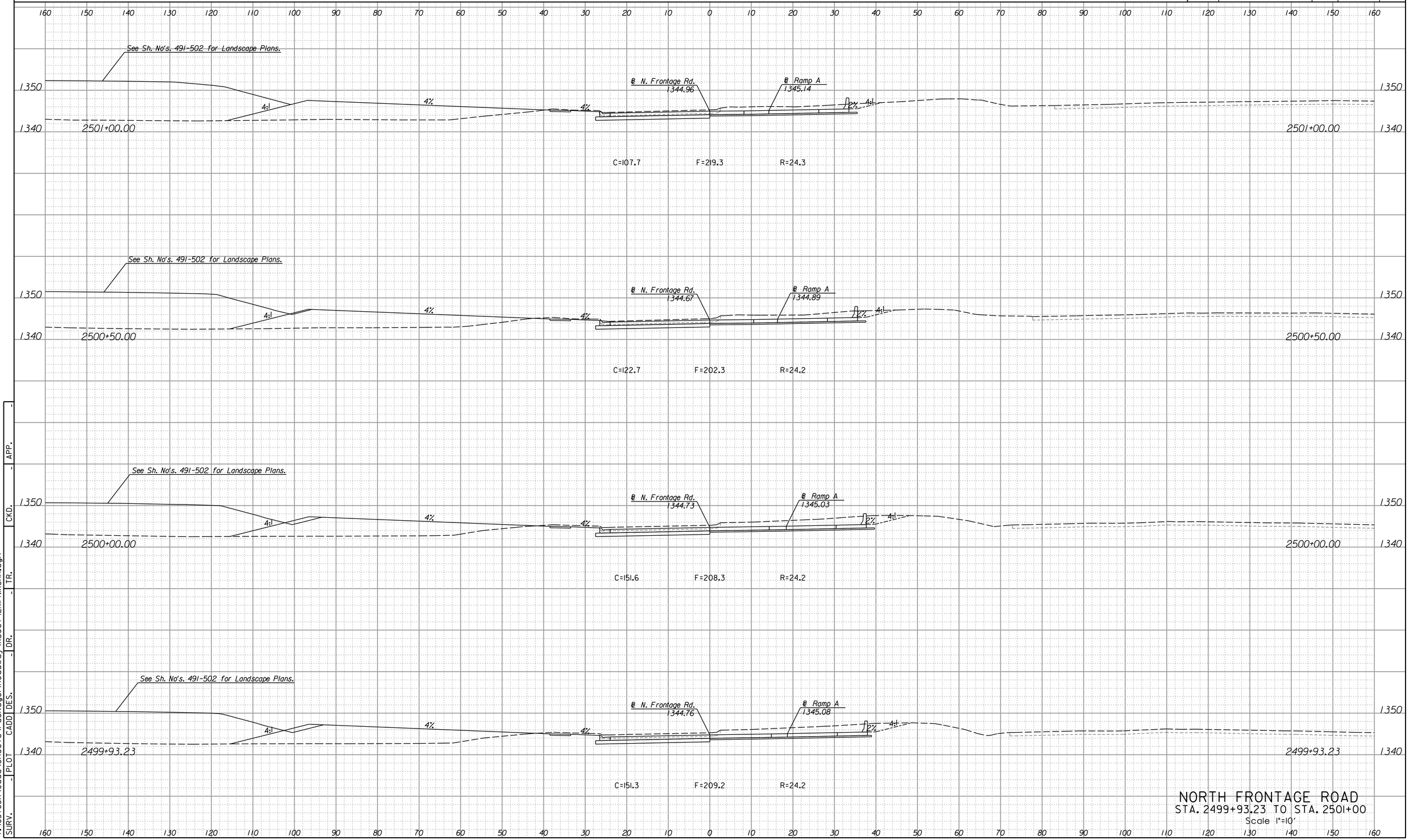
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	938	1055



NORTH FRONTAGE ROAD
STA. 2499+93.23 TO STA. 2501+00
Scale 1"=10'

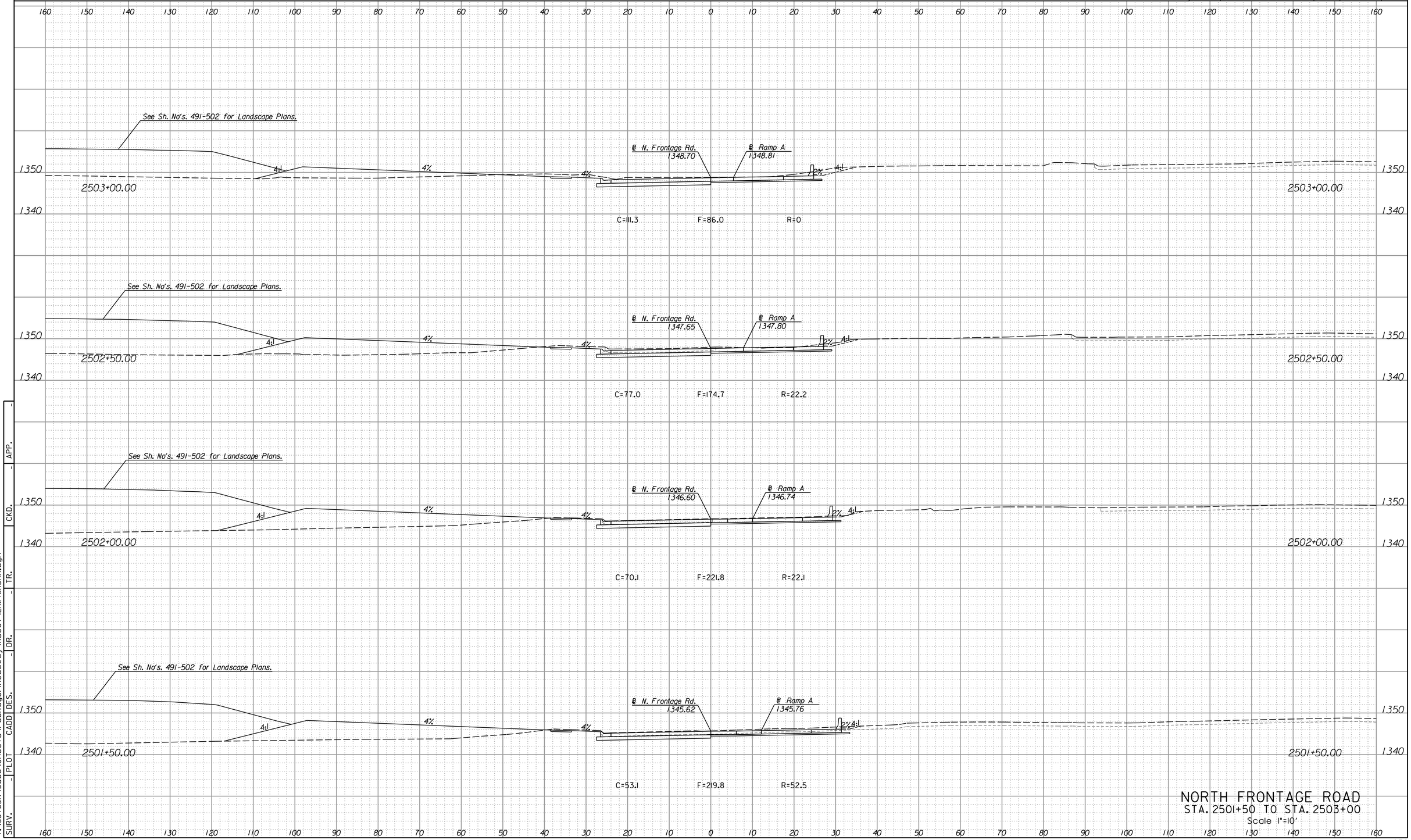
APP. | CKD. | DR. | TR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	939	1055



NORTH FRONTAGE ROAD
STA. 2501+50 TO STA. 2503+00
Scale 1"=10'

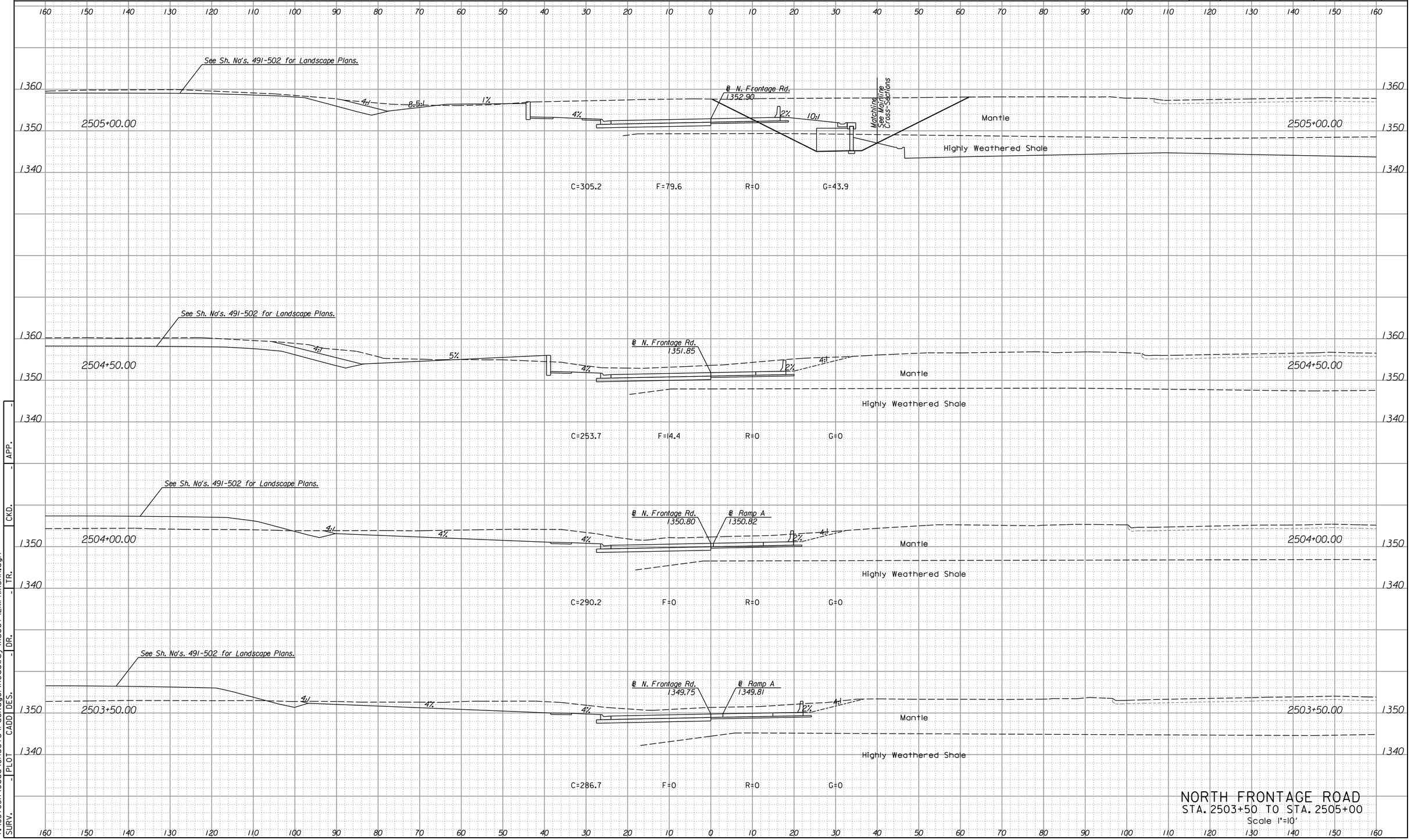
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	940	1055



NORTH FRONTAGE ROAD
STA. 2503+50 TO STA. 2505+00
Scale 1"=10'

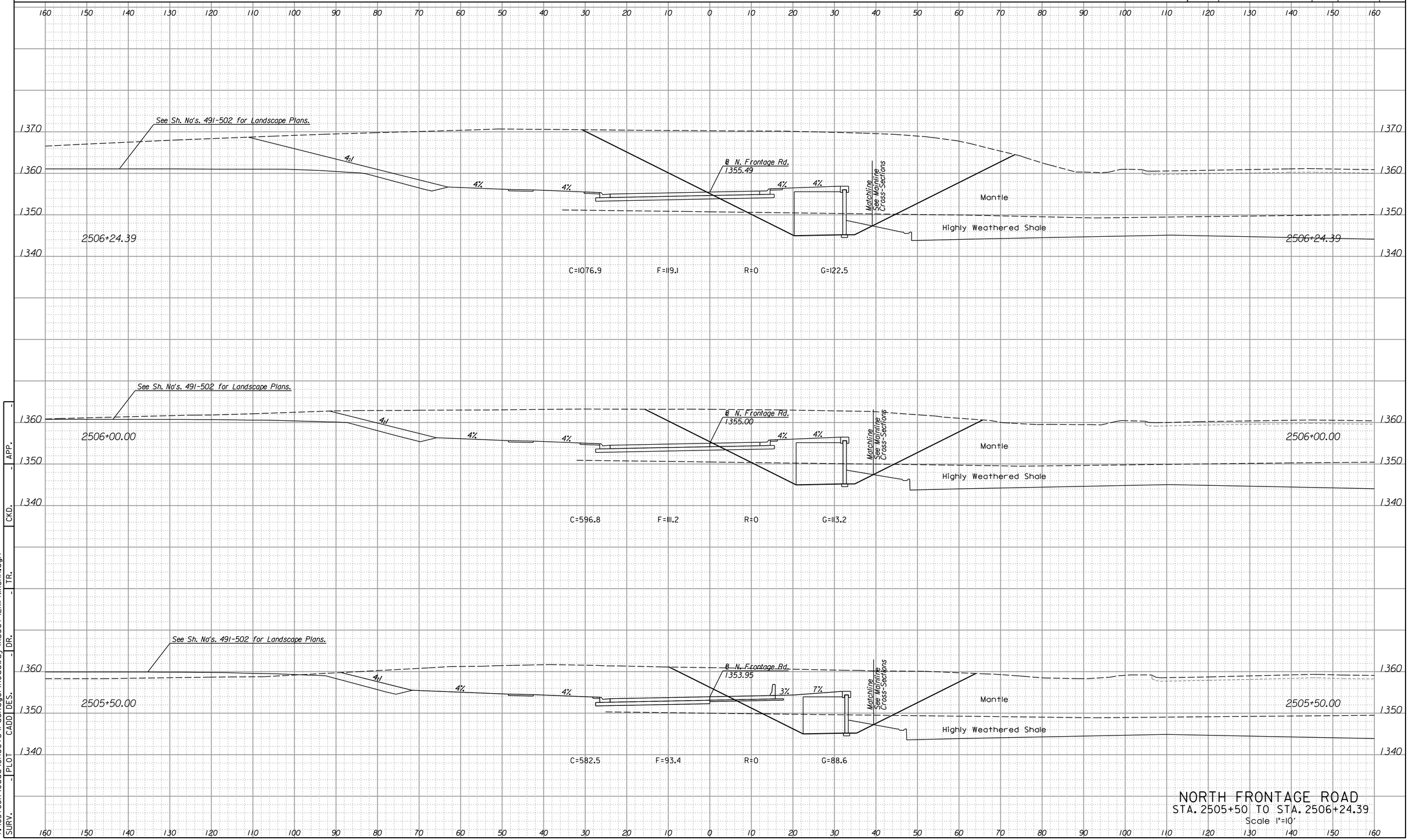
APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	941	1055



NORTH FRONTAGE ROAD
STA. 2505+50 TO STA. 2506+24.39
Scale 1"=10'

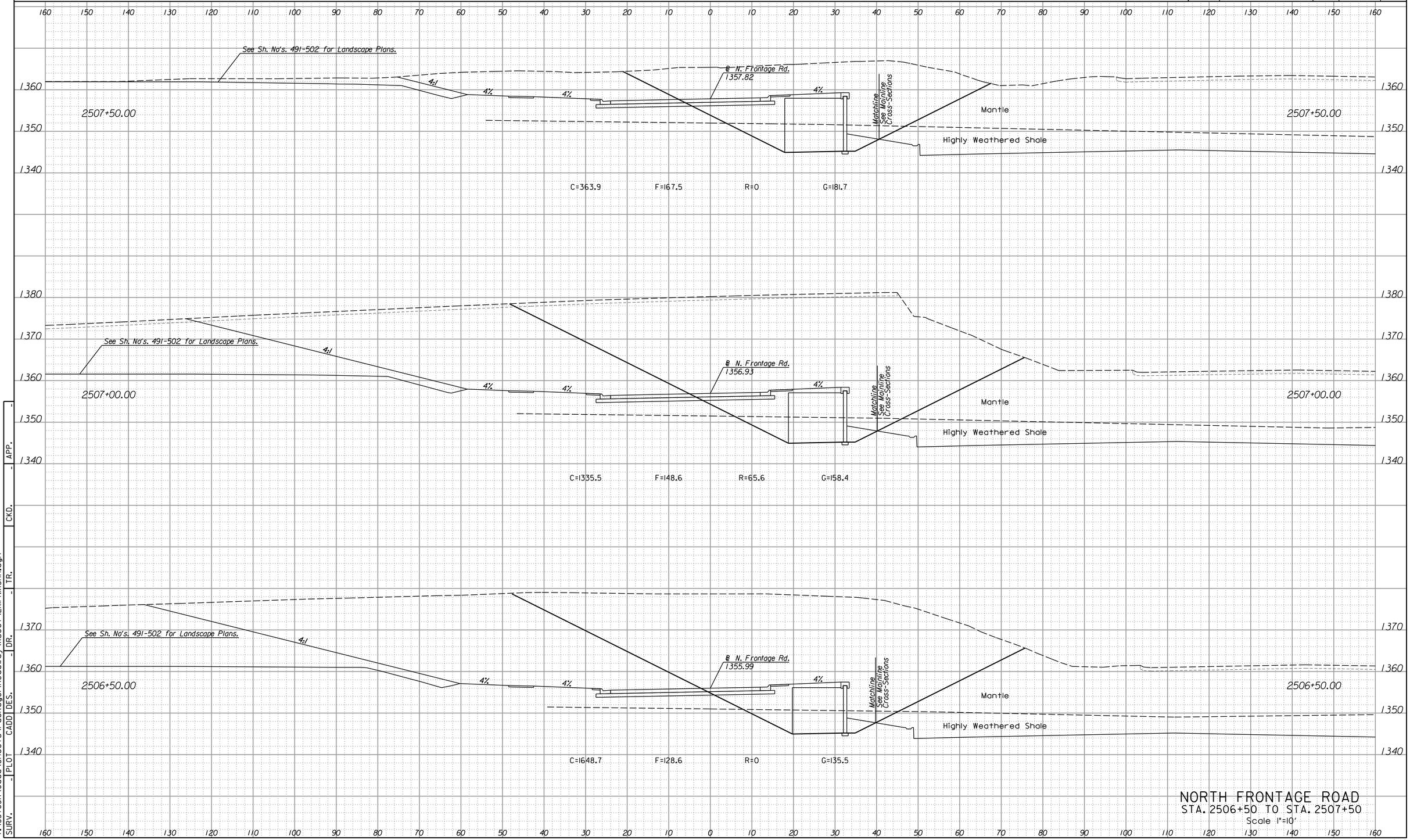
SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	942	1055



NORTH FRONTAGE ROAD
STA. 2506+50 TO STA. 2507+50
Scale 1"=10'

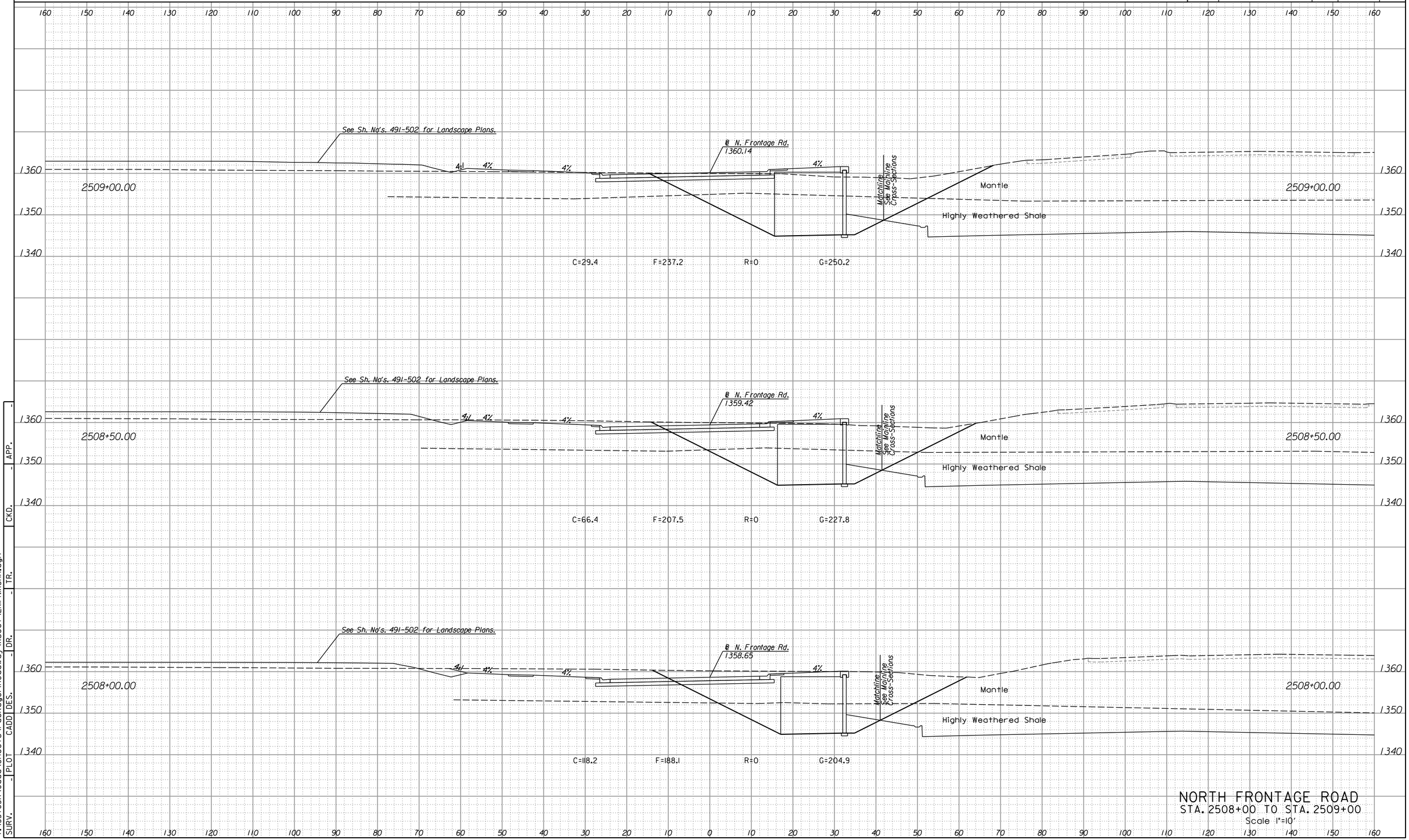
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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	943	1055



NORTH FRONTAGE ROAD
STA. 2508+00 TO STA. 2509+00
Scale 1"=10'

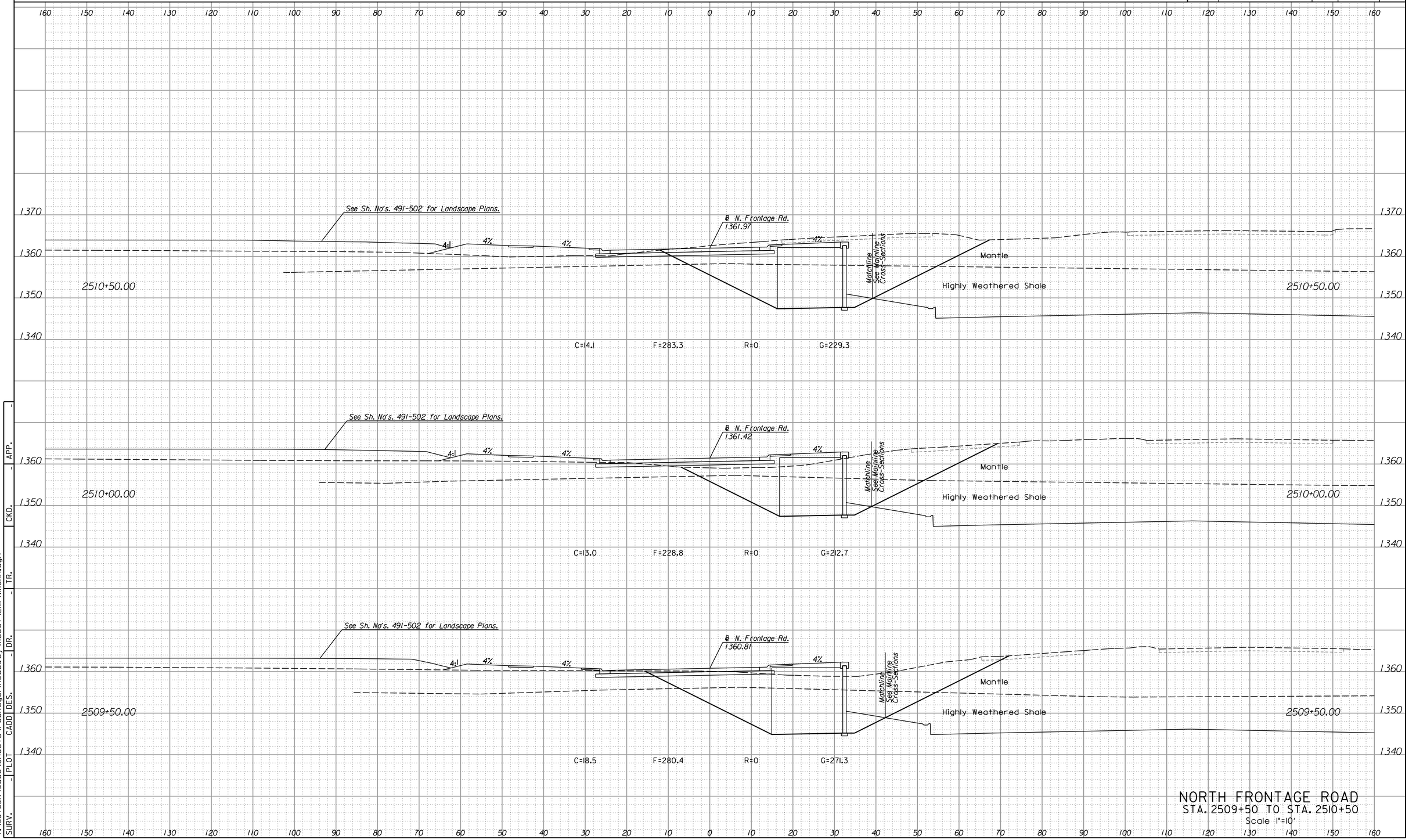
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SURV.	PLOT	CADD	DES.	DR.	CKD.	APP.	TR.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	944	1055



NORTH FRONTAGE ROAD
STA. 2509+50 TO STA. 2510+50
Scale 1"=10'

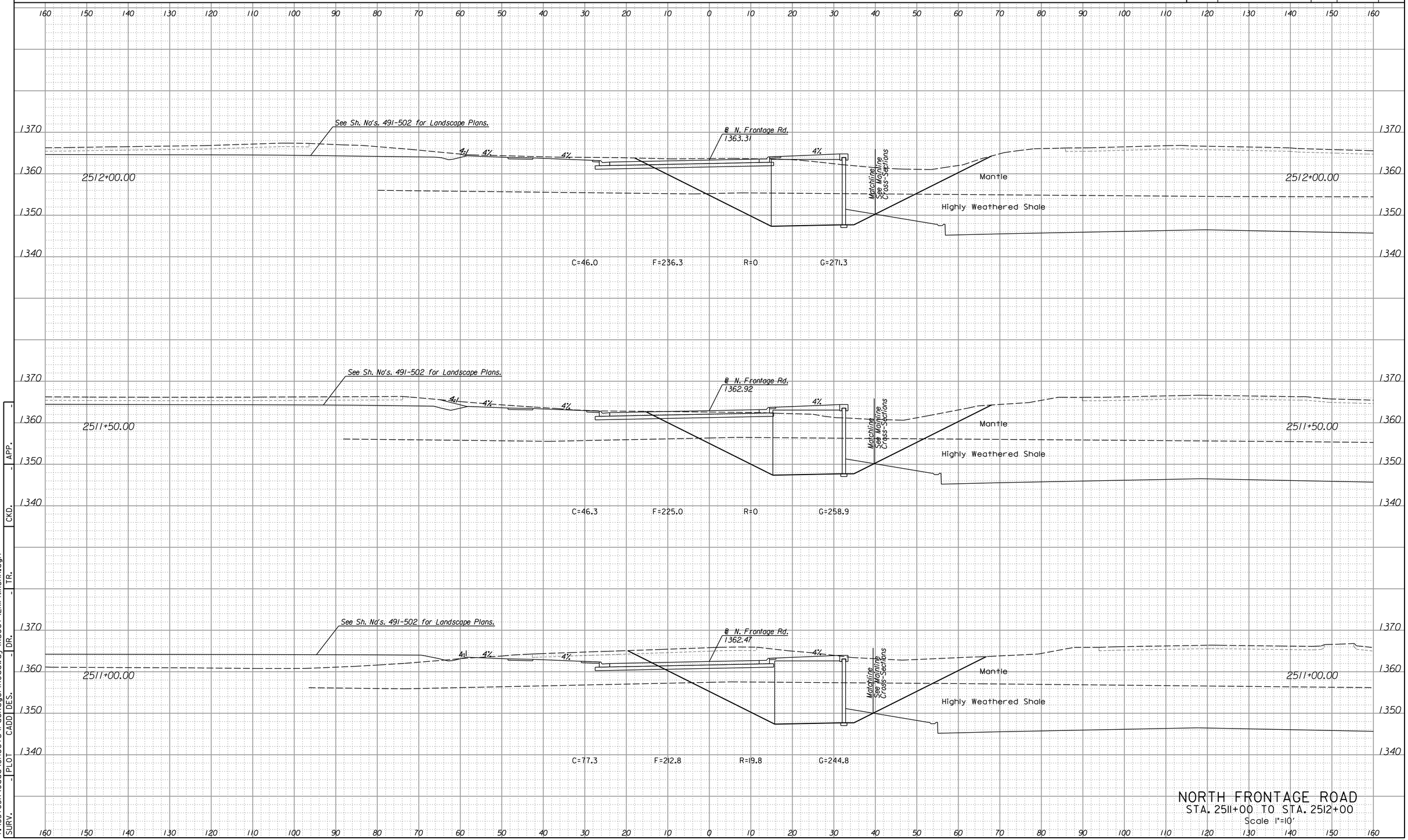
APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	945	1055



NORTH FRONTAGE ROAD
STA. 2511+00 TO STA. 2512+00
Scale 1"=10'

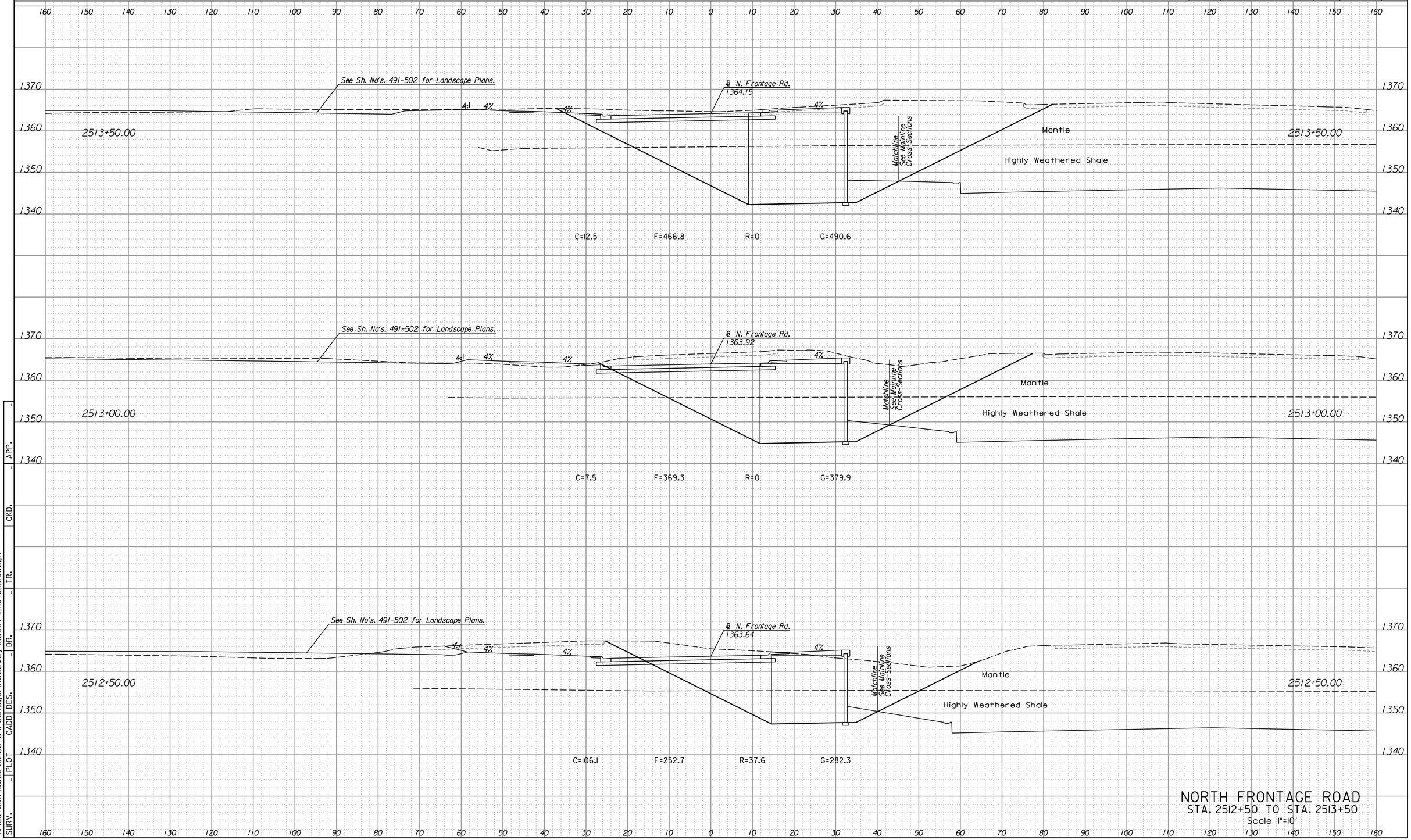
PLOT | CADD | DES. | DR. | TR. | CKD. | APP. | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	946	1055



NORTH FRONTAGE ROAD
STA. 2512+50 TO STA. 2513+50
Scale 1"=10'

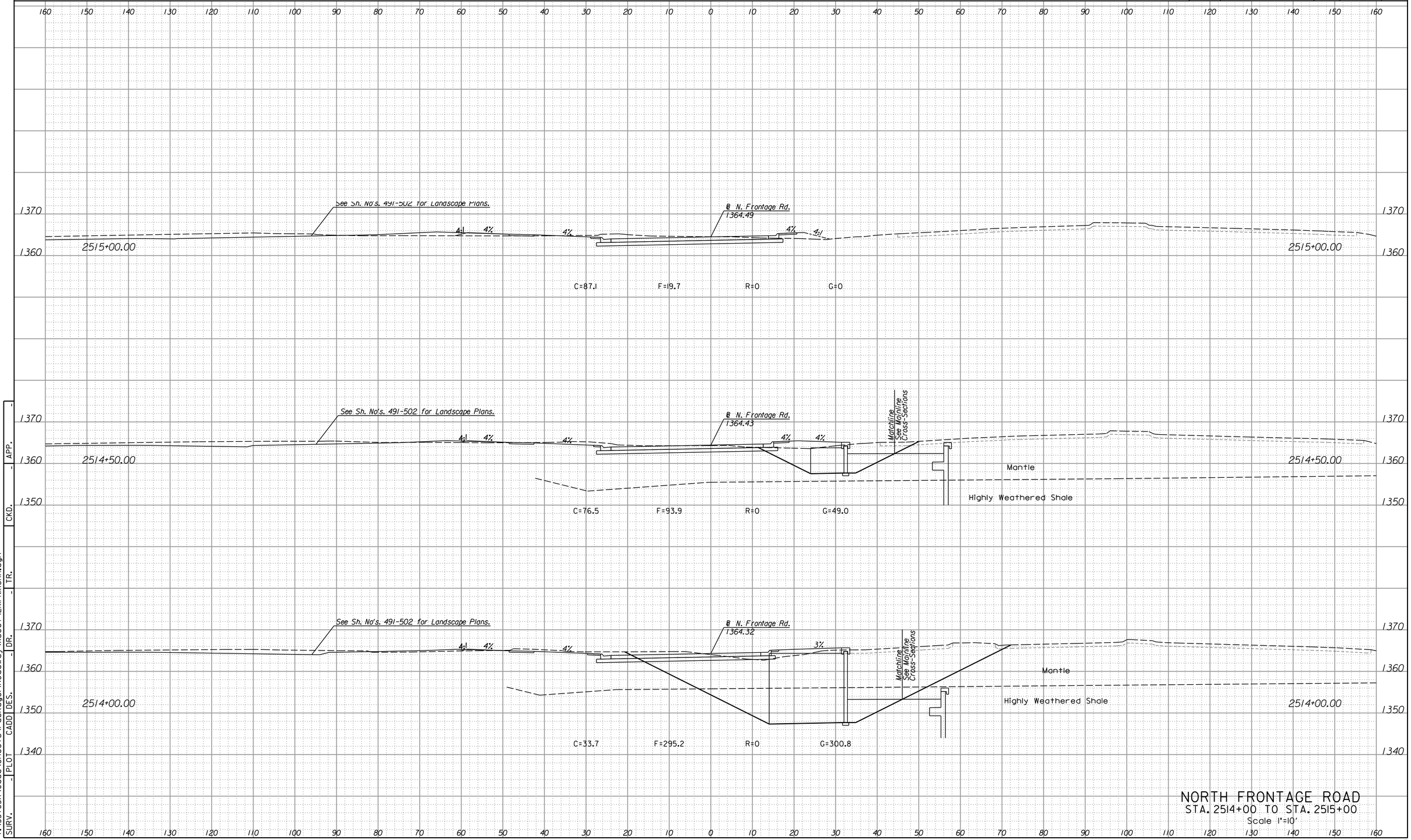
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SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	947	1055



NORTH FRONTAGE ROAD
STA. 2514+00 TO STA. 2515+00
Scale 1"=10'

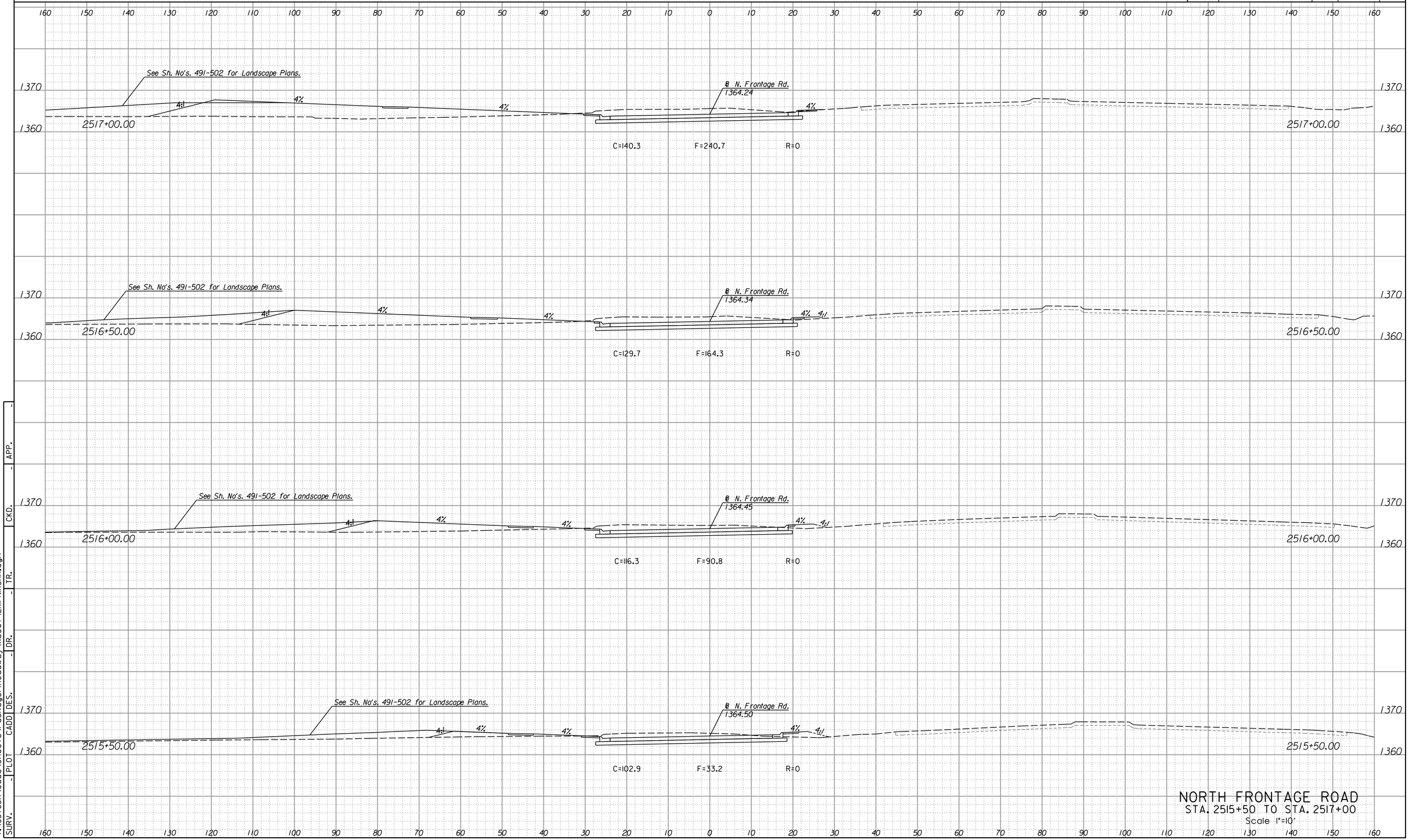
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	948	1055



NORTH FRONTAGE ROAD
STA. 2515+50 TO STA. 2517+00
Scale 1"=10'

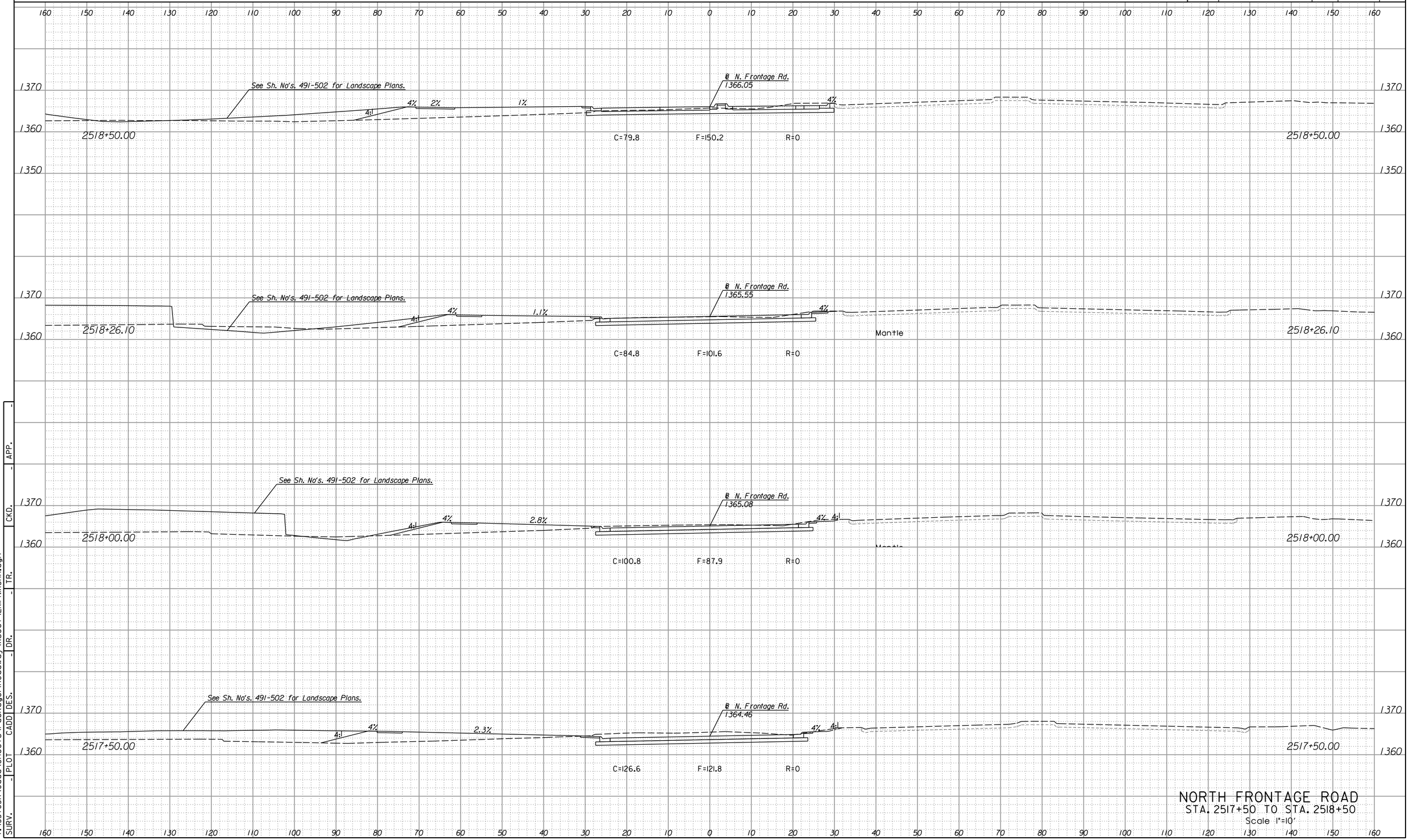
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	949	1055



NORTH FRONTAGE ROAD
STA. 2517+50 TO STA. 2518+50
Scale 1"=10'

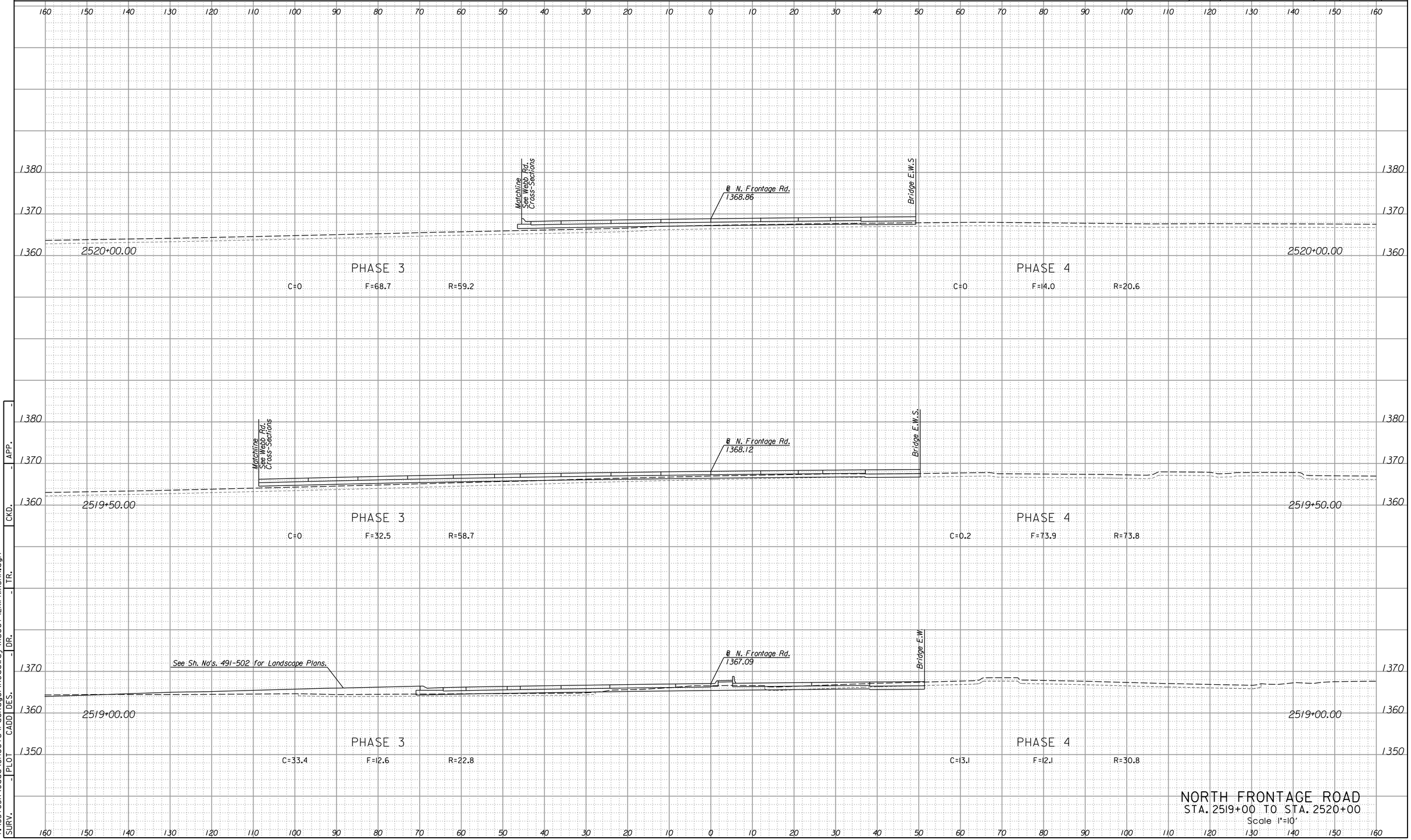
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	950	1055



NORTH FRONTAGE ROAD
STA. 2519+00 TO STA. 2520+00
Scale 1"=10'

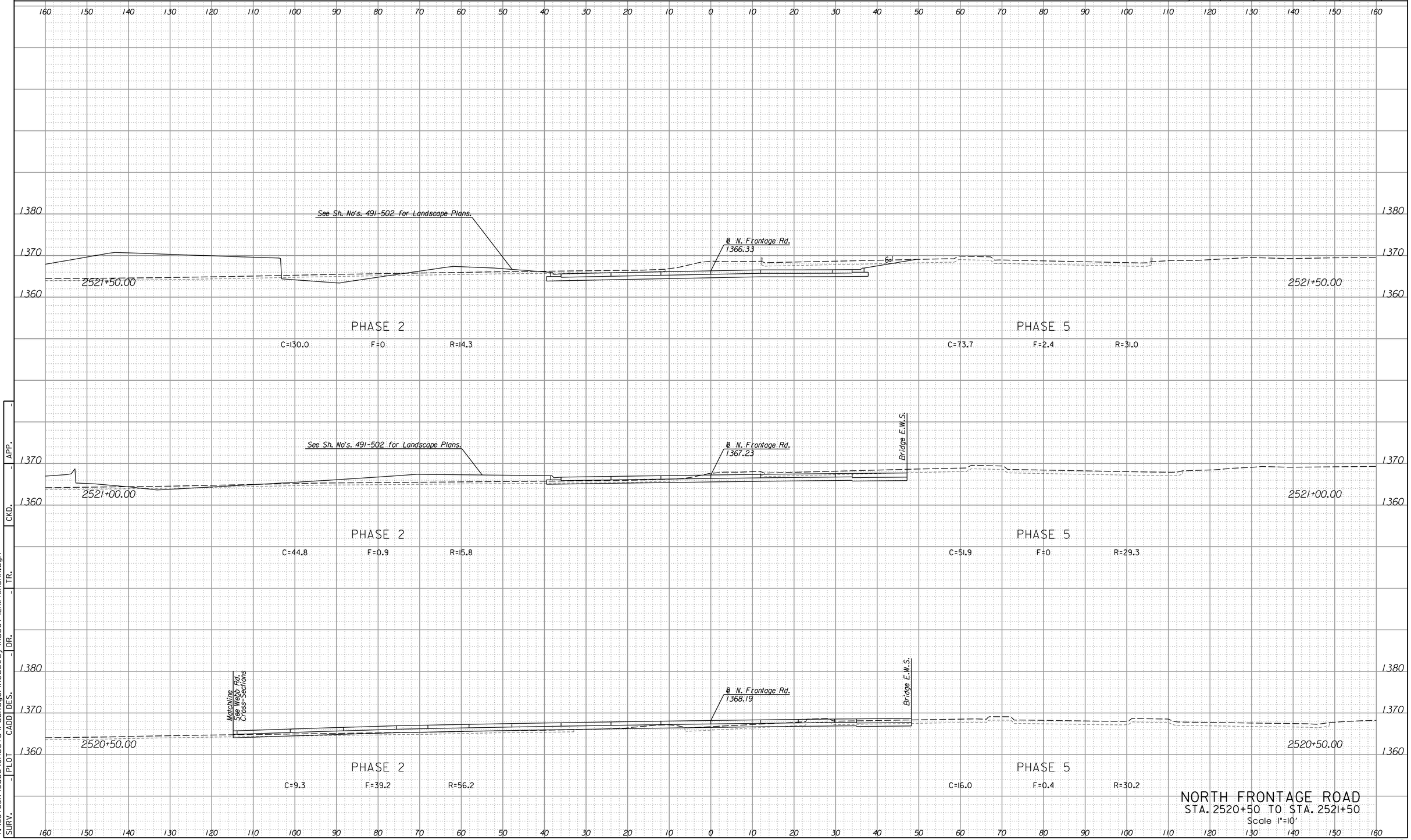
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	951	1055



NORTH FRONTAGE ROAD
STA. 2520+50 TO STA. 2521+50
Scale 1"=10'

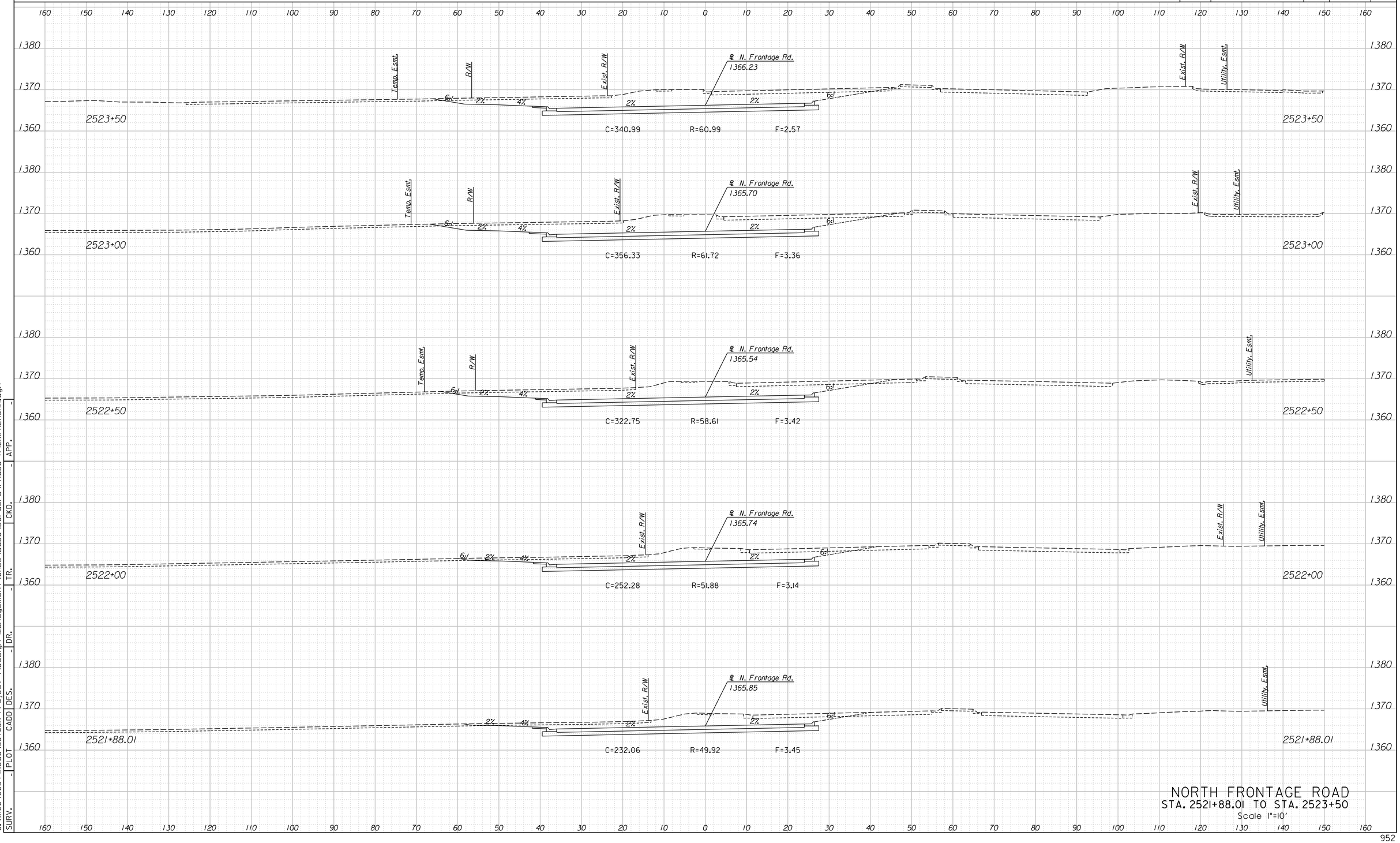
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	952	1055



NORTH FRONTAGE ROAD
STA. 2521+88.01 TO STA. 2523+50
Scale 1"=10'

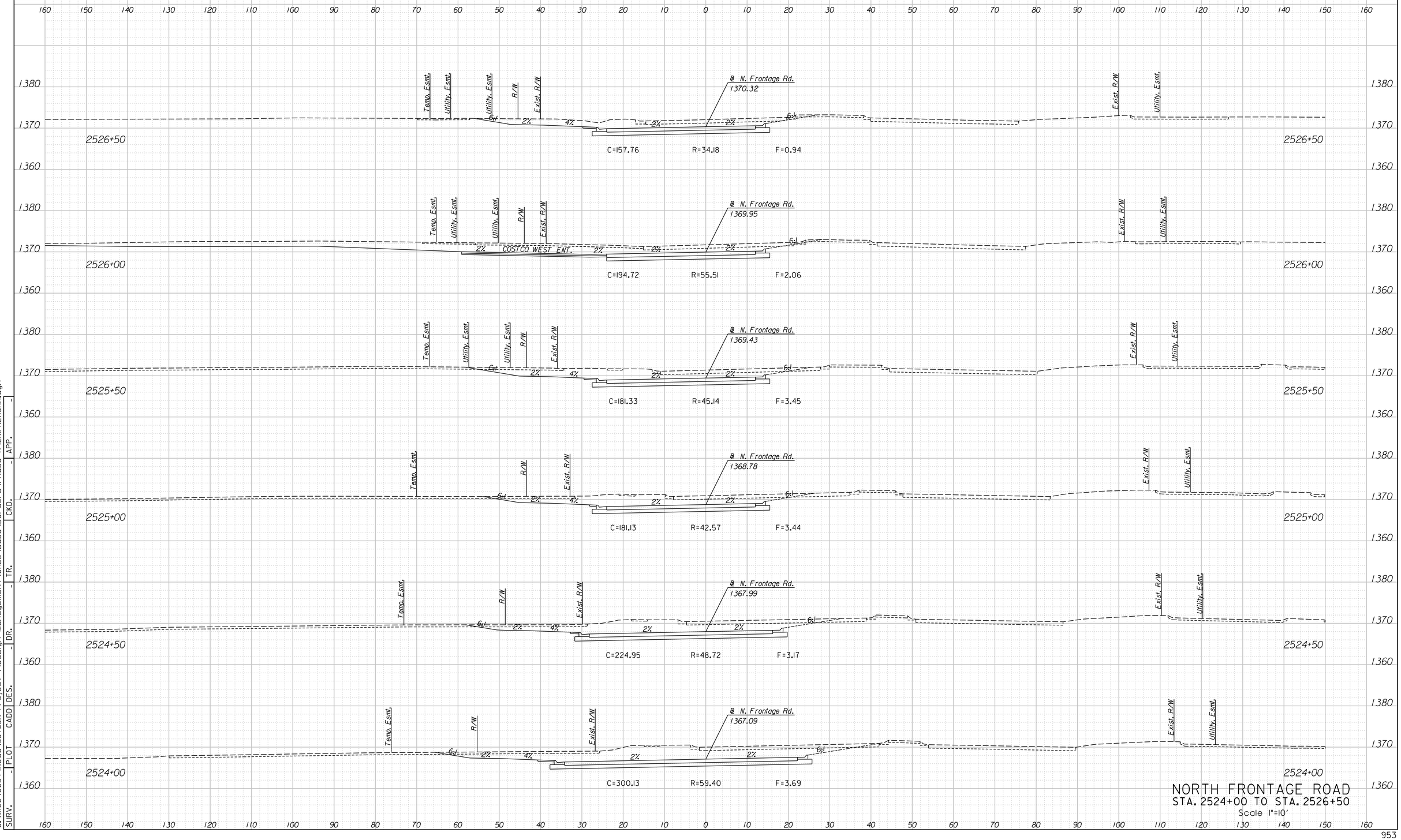
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	953	1055



NORTH FRONTAGE ROAD
STA. 2524+00 TO STA. 2526+50

Scale 1"=10'

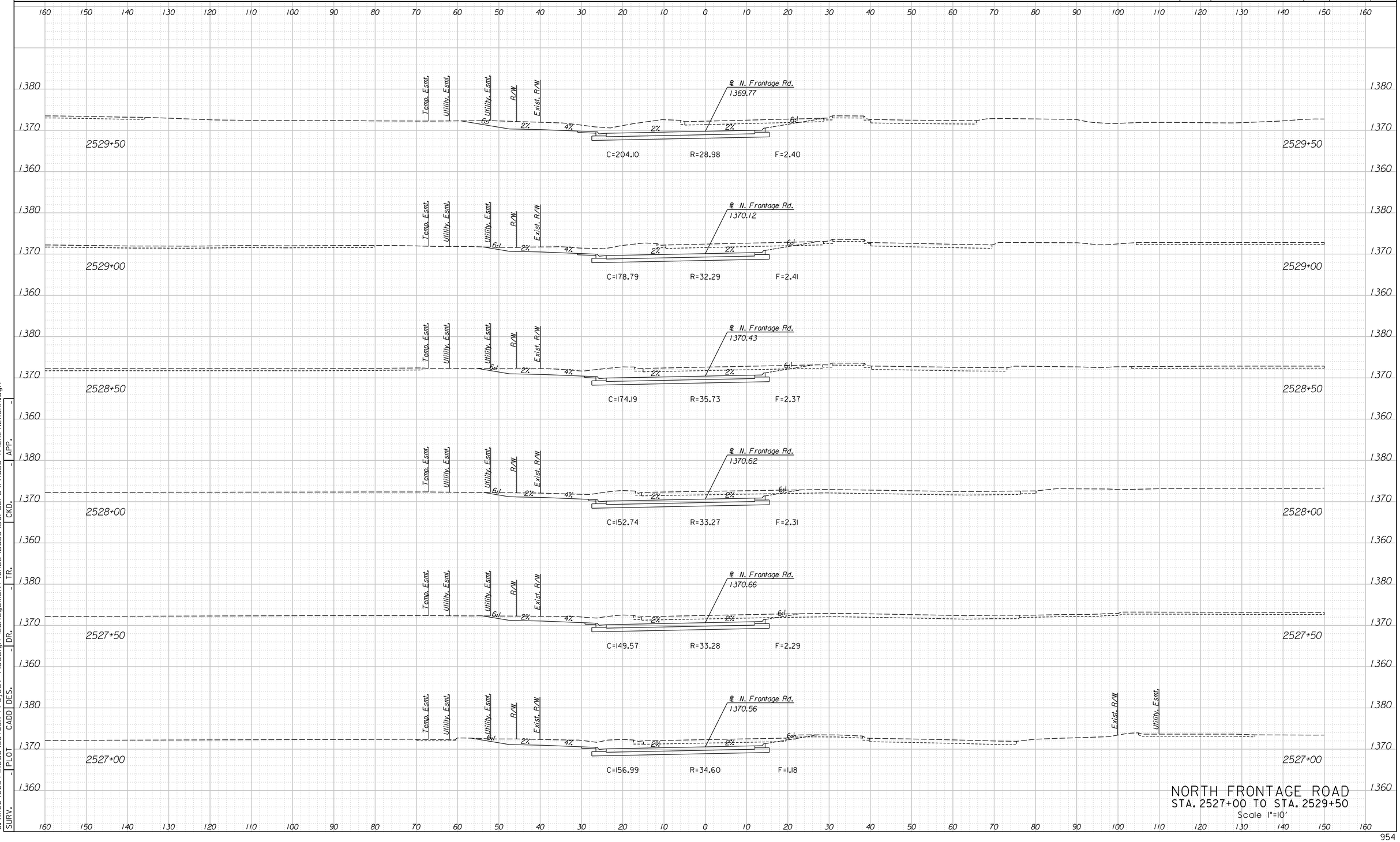
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ---- Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	954	1055



NORTH FRONTAGE ROAD
STA. 2527+00 TO STA. 2529+50
Scale 1"=10'

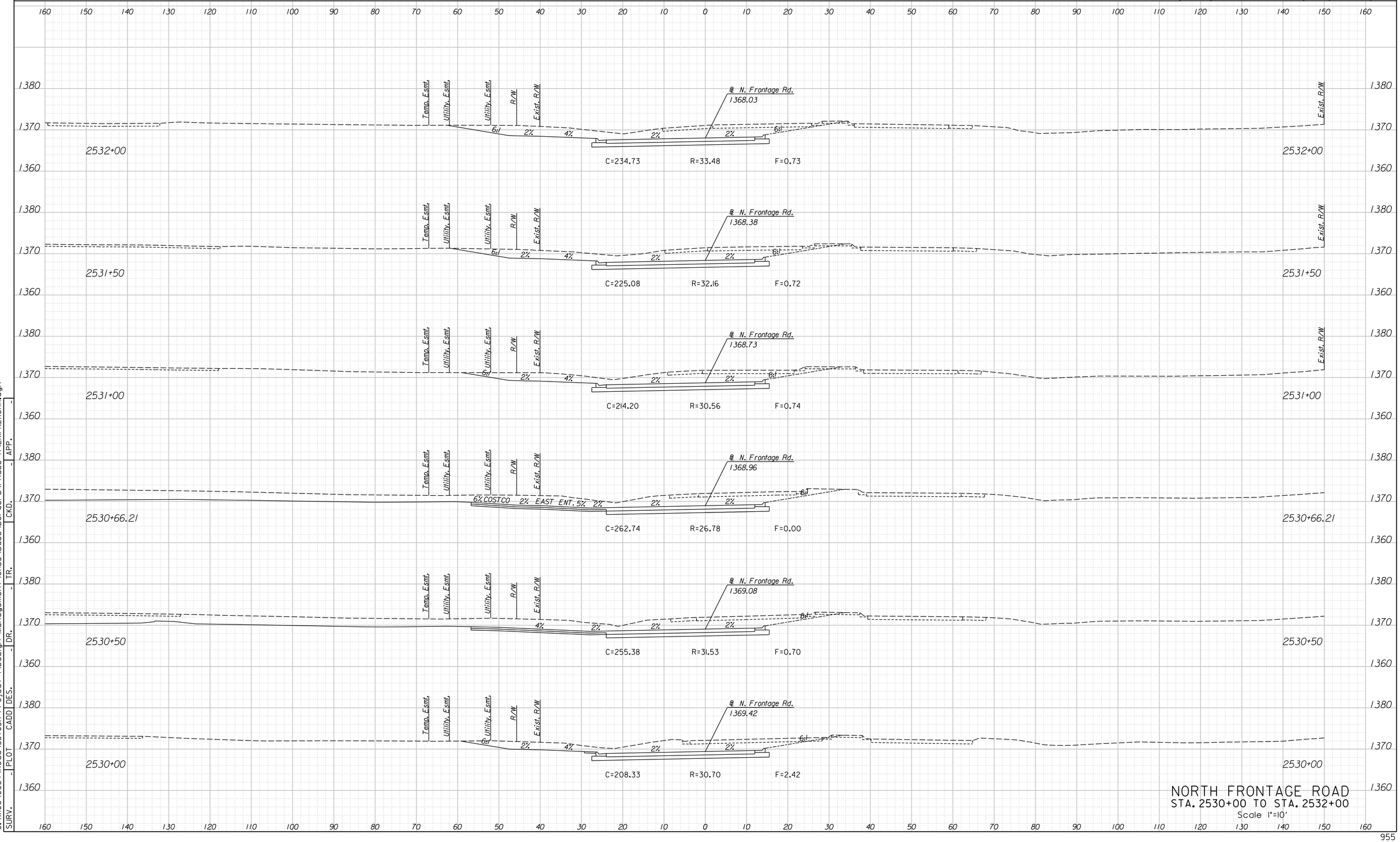
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ---- Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	955	1055



NORTH FRONTAGE ROAD
STA. 2530+00 TO STA. 2532+00
Scale 1"=10'

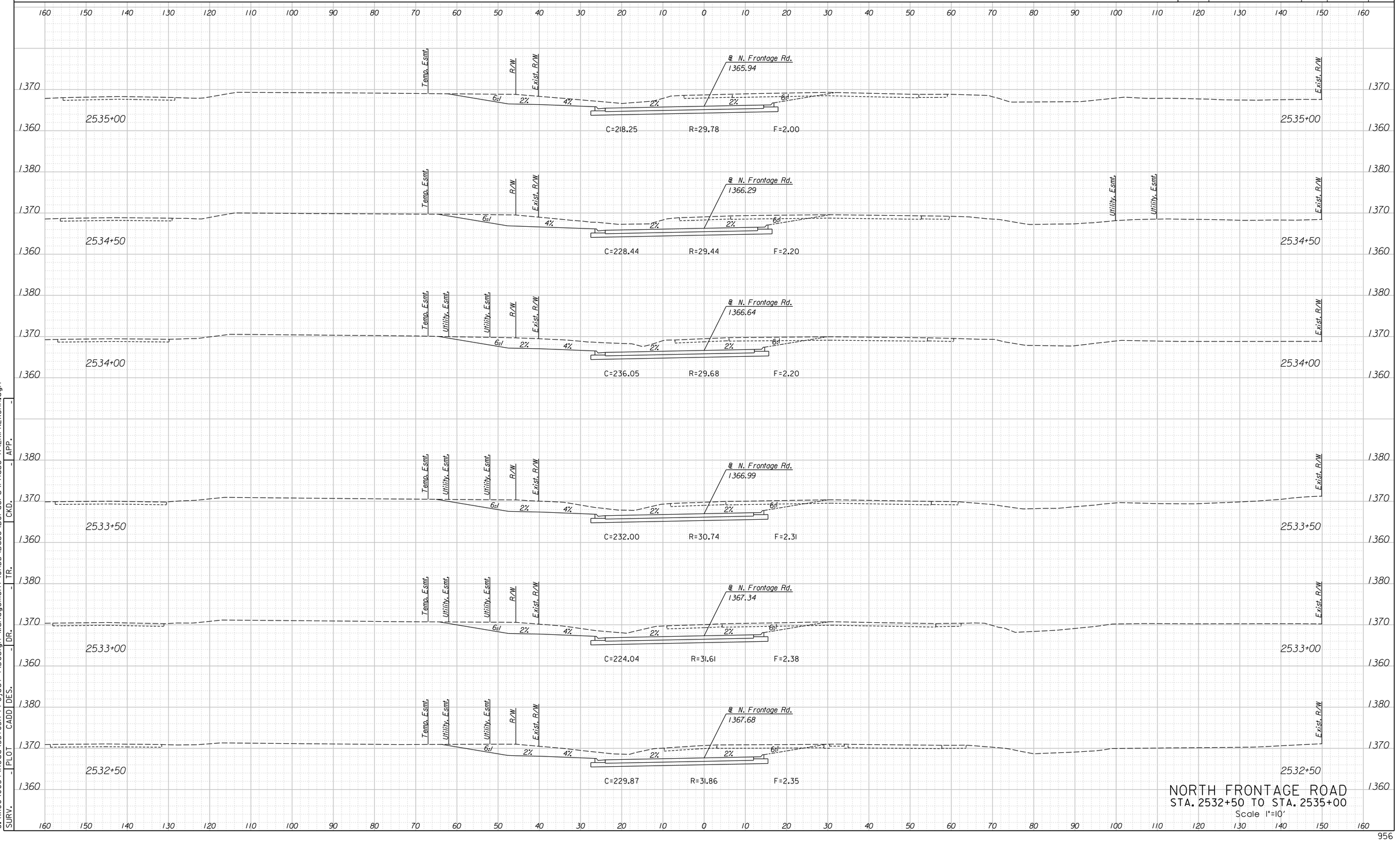
SURV. - | PLOT | CADD | DES. | DR. - | TR. - | CKD. - | APP. -

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	956	1055



NORTH FRONTAGE ROAD
STA. 2532+50 TO STA. 2535+00
Scale 1"=10'

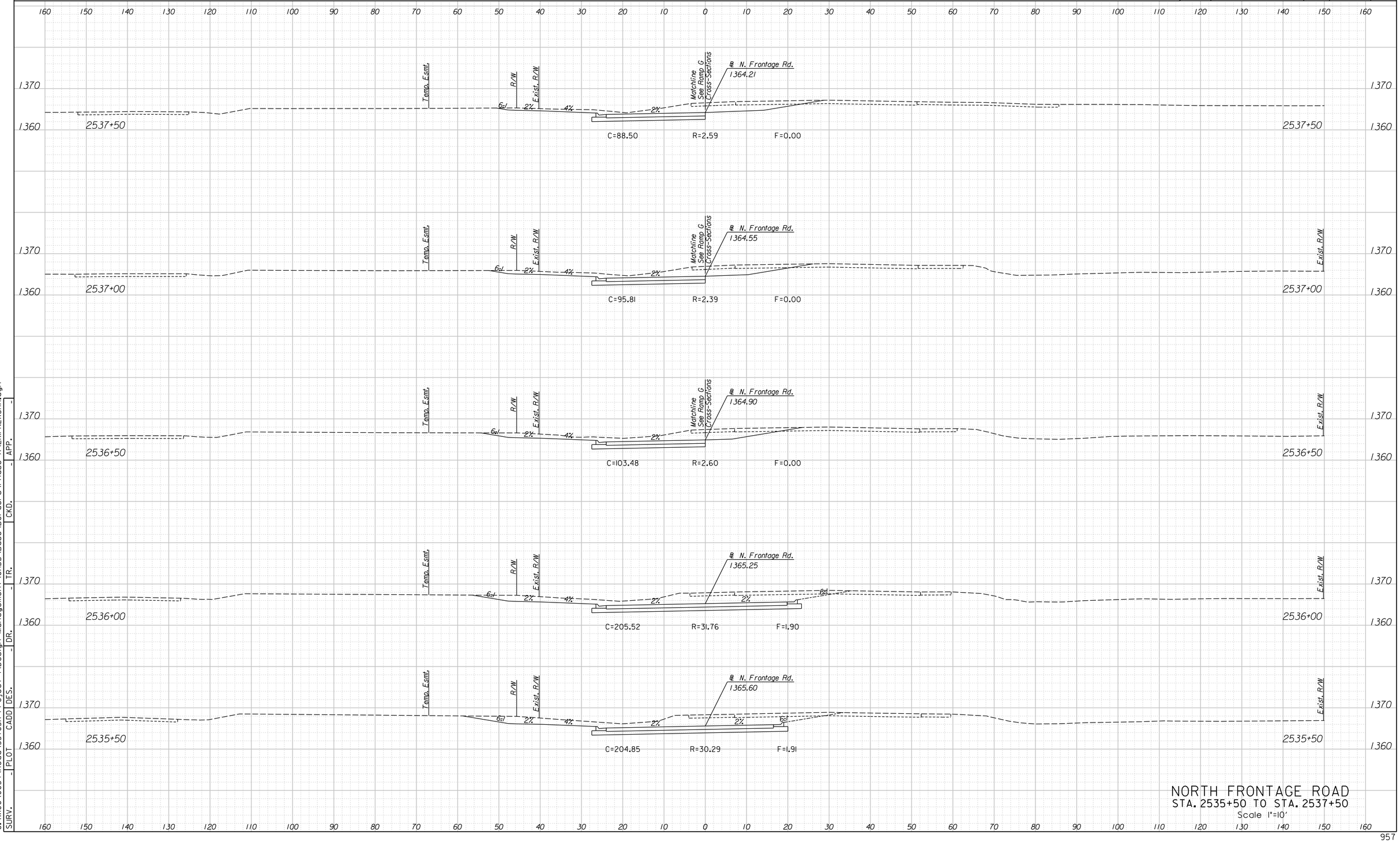
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	957	1055



NORTH FRONTAGE ROAD
STA. 2535+50 TO STA. 2537+50
Scale 1"=10'

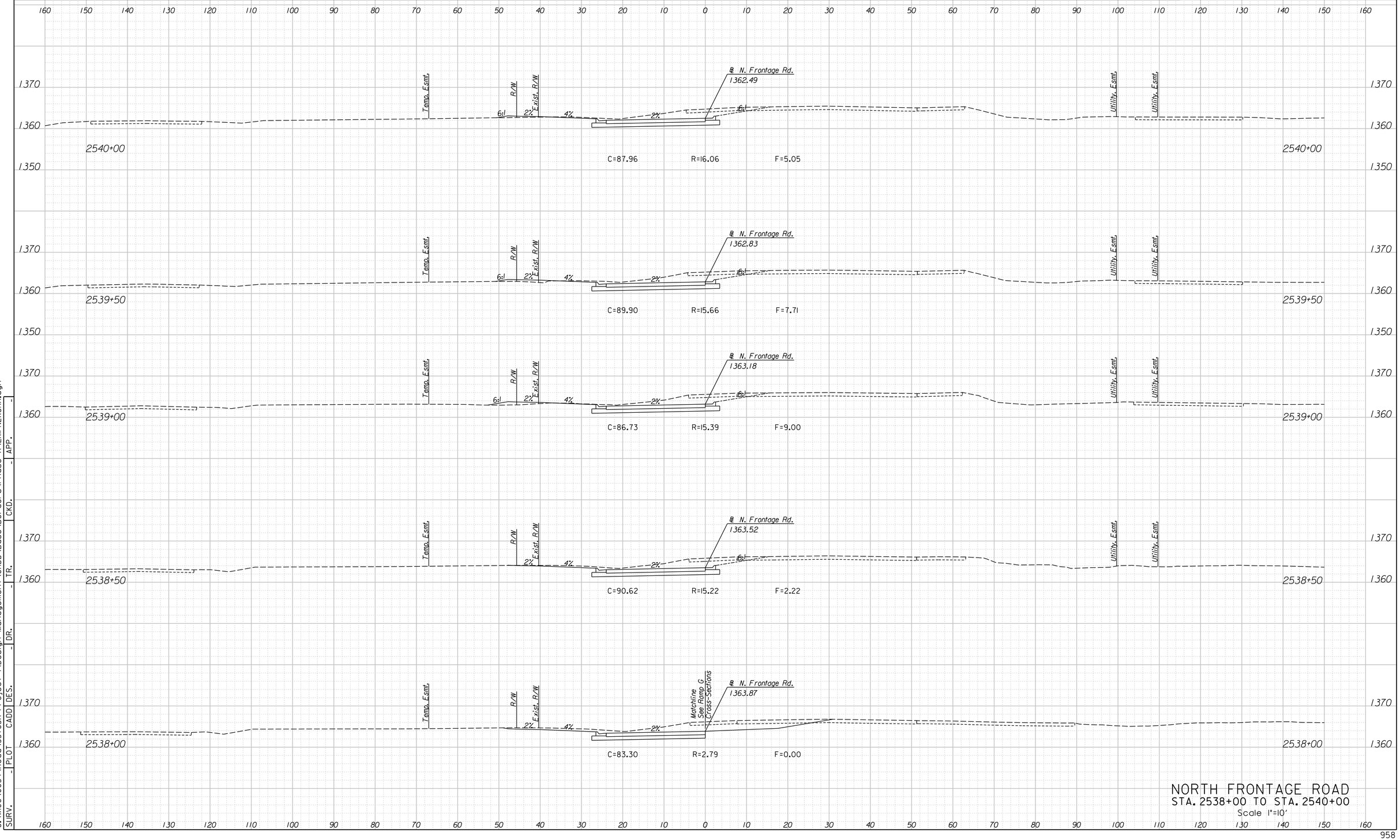
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	958	1055



NORTH FRONTAGE ROAD
STA. 2538+00 TO STA. 2540+00
Scale 1"=10'

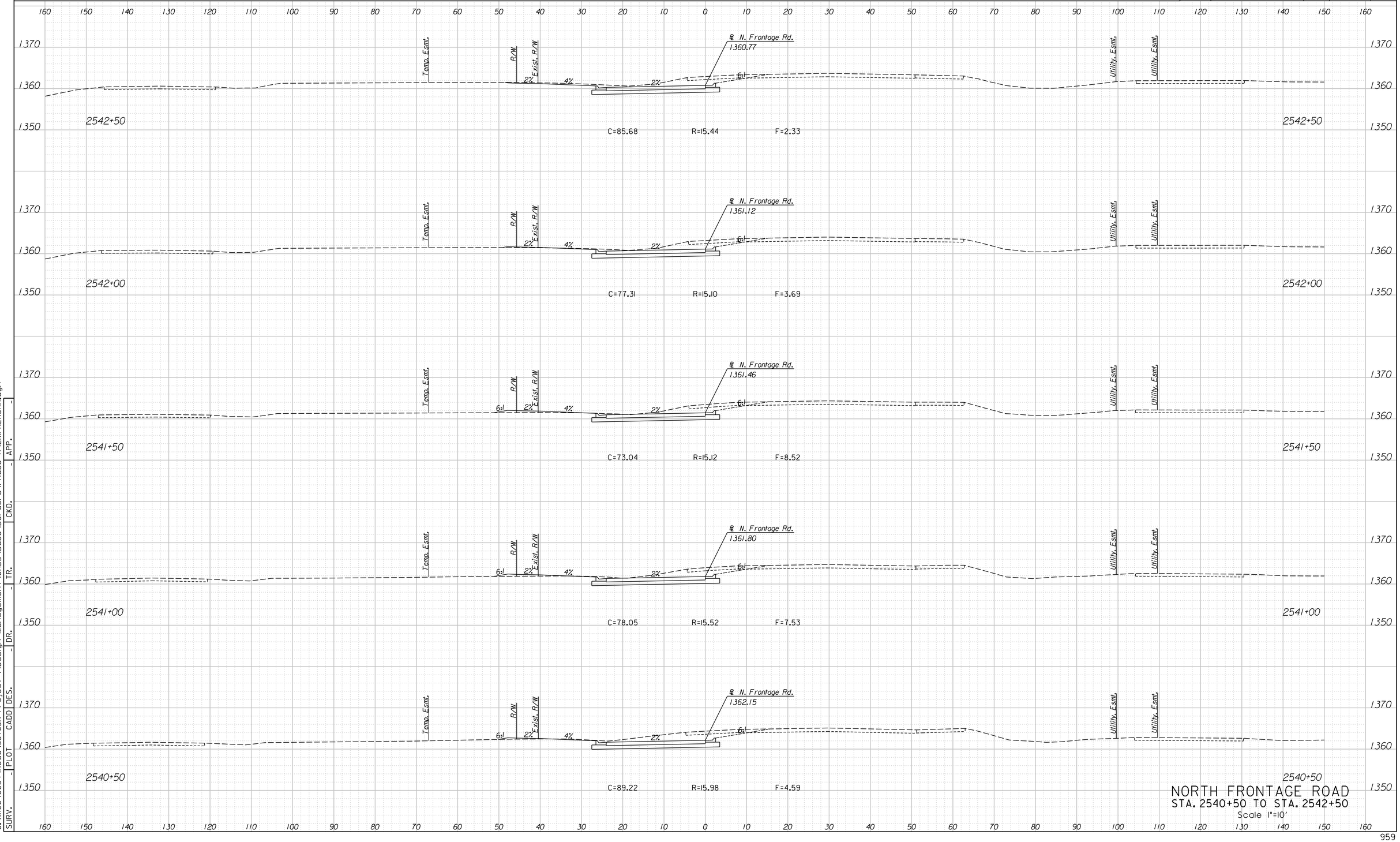
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	959	1055



NORTH FRONTAGE ROAD
STA. 2540+50 TO STA. 2542+50
Scale 1"=10'

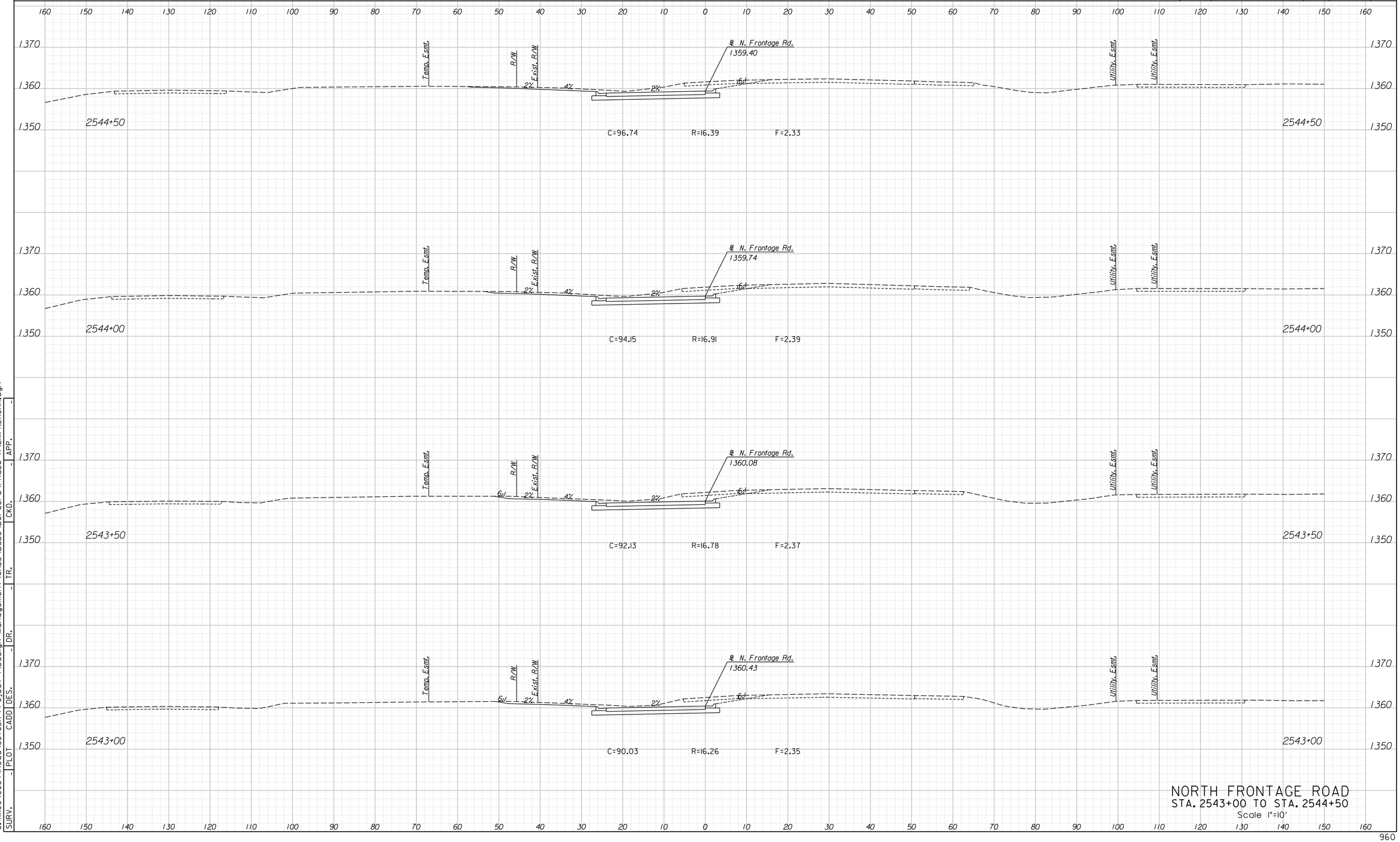
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	960	1055



NORTH FRONTAGE ROAD
STA. 2543+00 TO STA. 2544+50
Scale 1"=10'

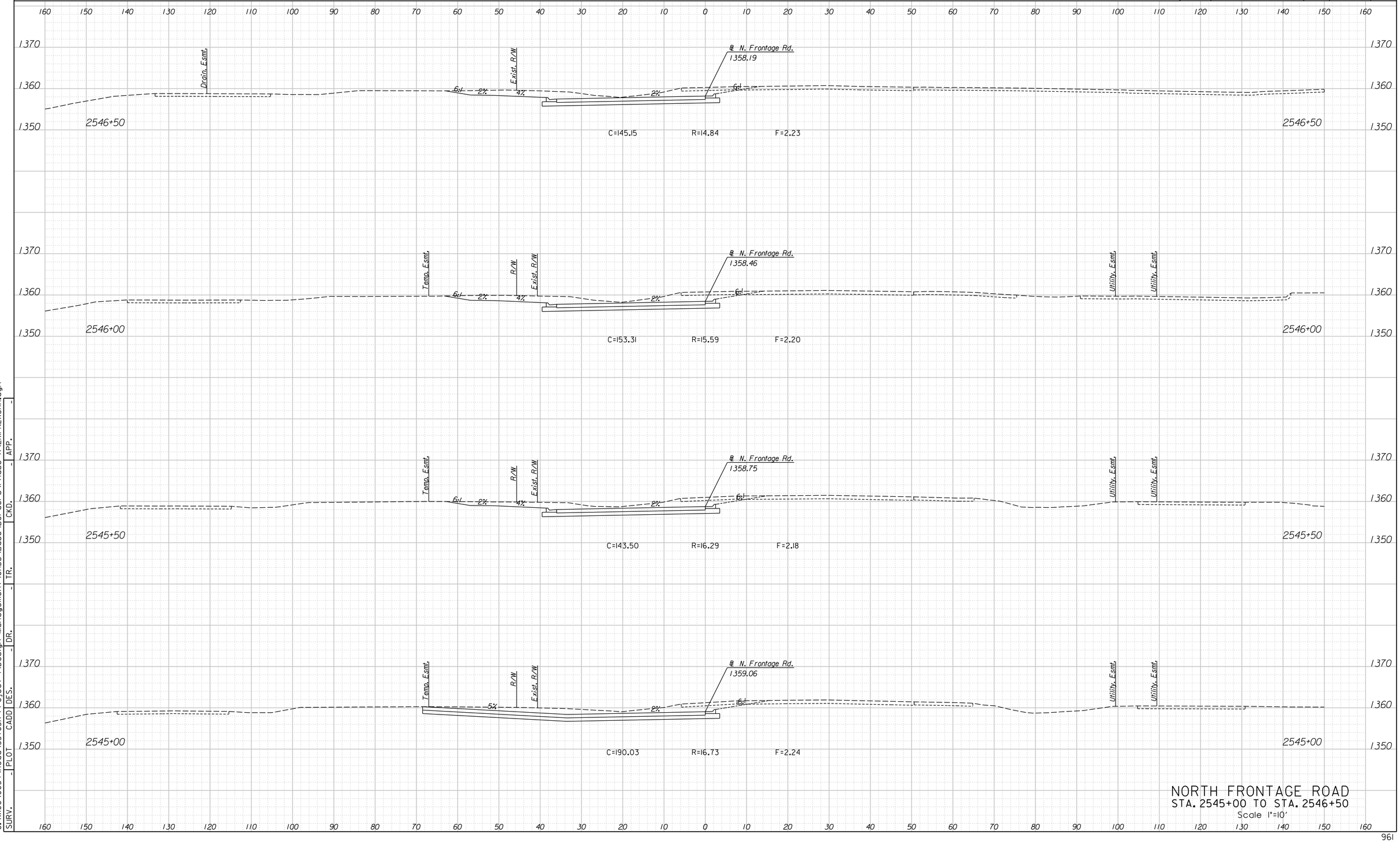
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	961	1055



NORTH FRONTAGE ROAD
STA. 2545+00 TO STA. 2546+50
Scale 1"=10'

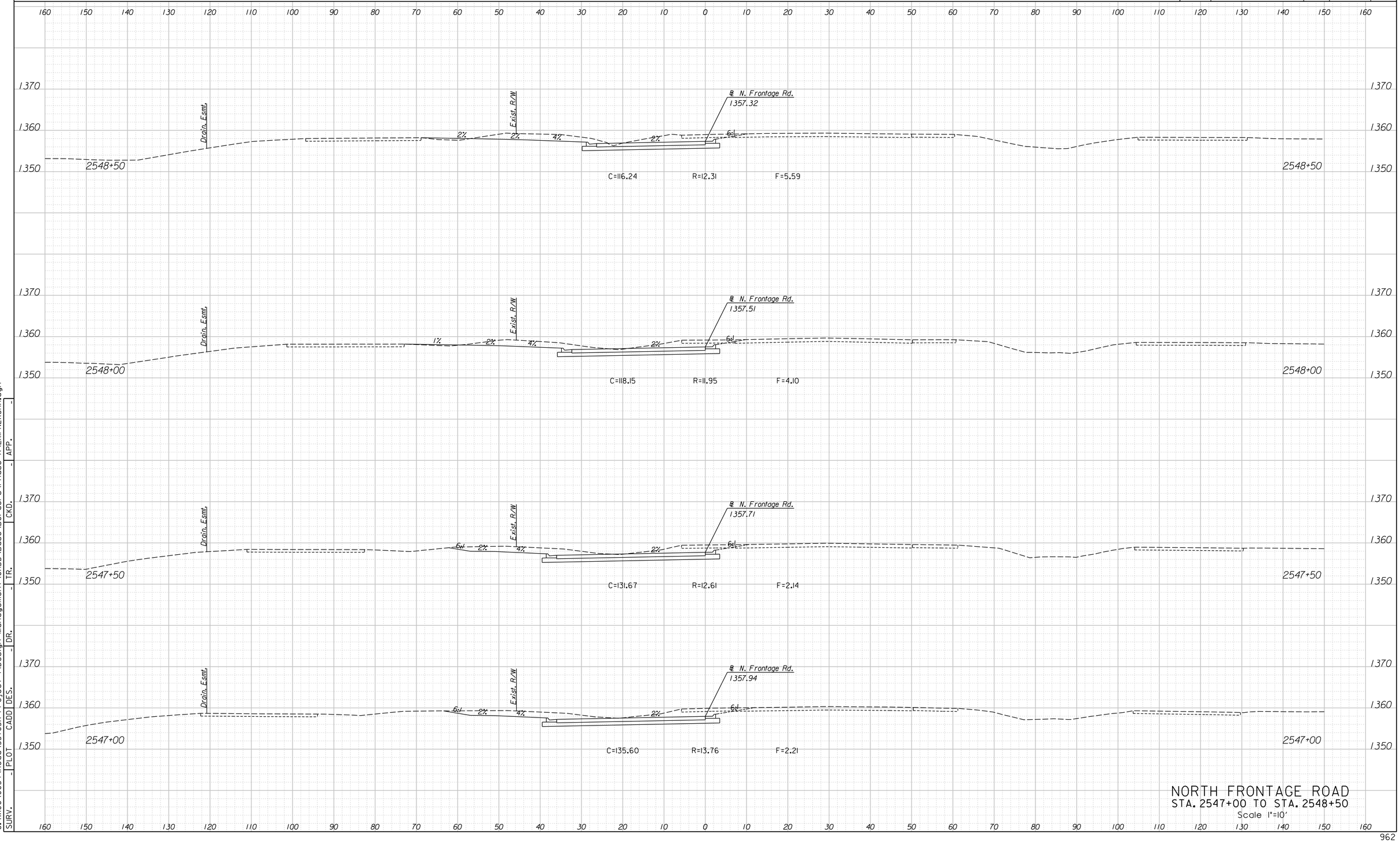
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ---- Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	962	1055



NORTH FRONTAGE ROAD
STA. 2547+00 TO STA. 2548+50
Scale 1"=10'

962

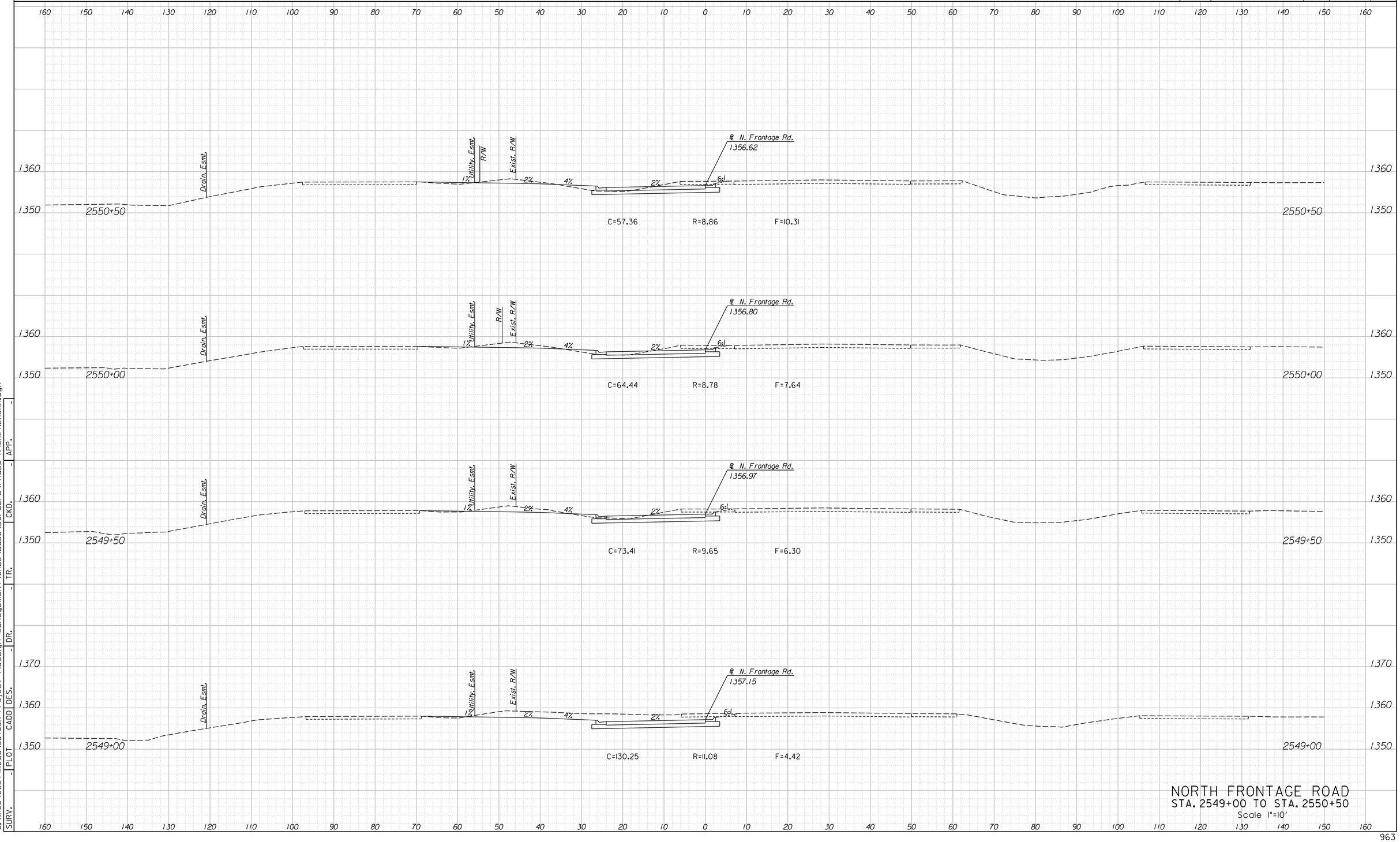
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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	963	1055



NORTH FRONTAGE ROAD
STA. 2549+00 TO STA. 2550+50

Scale 1"=10'

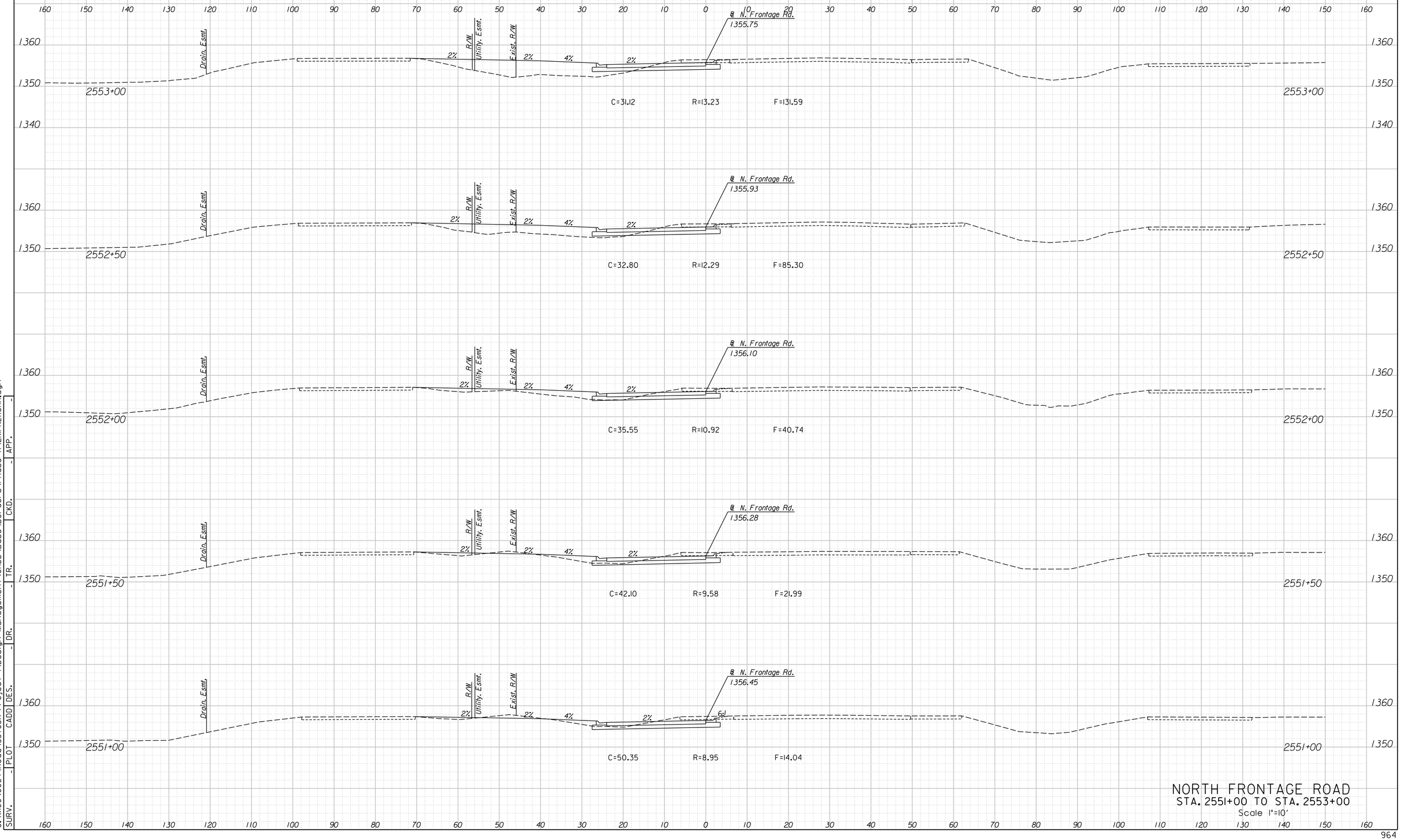
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ---- Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	964	1055



NORTH FRONTAGE ROAD
STA. 2551+00 TO STA. 2553+00
Scale 1"=10'

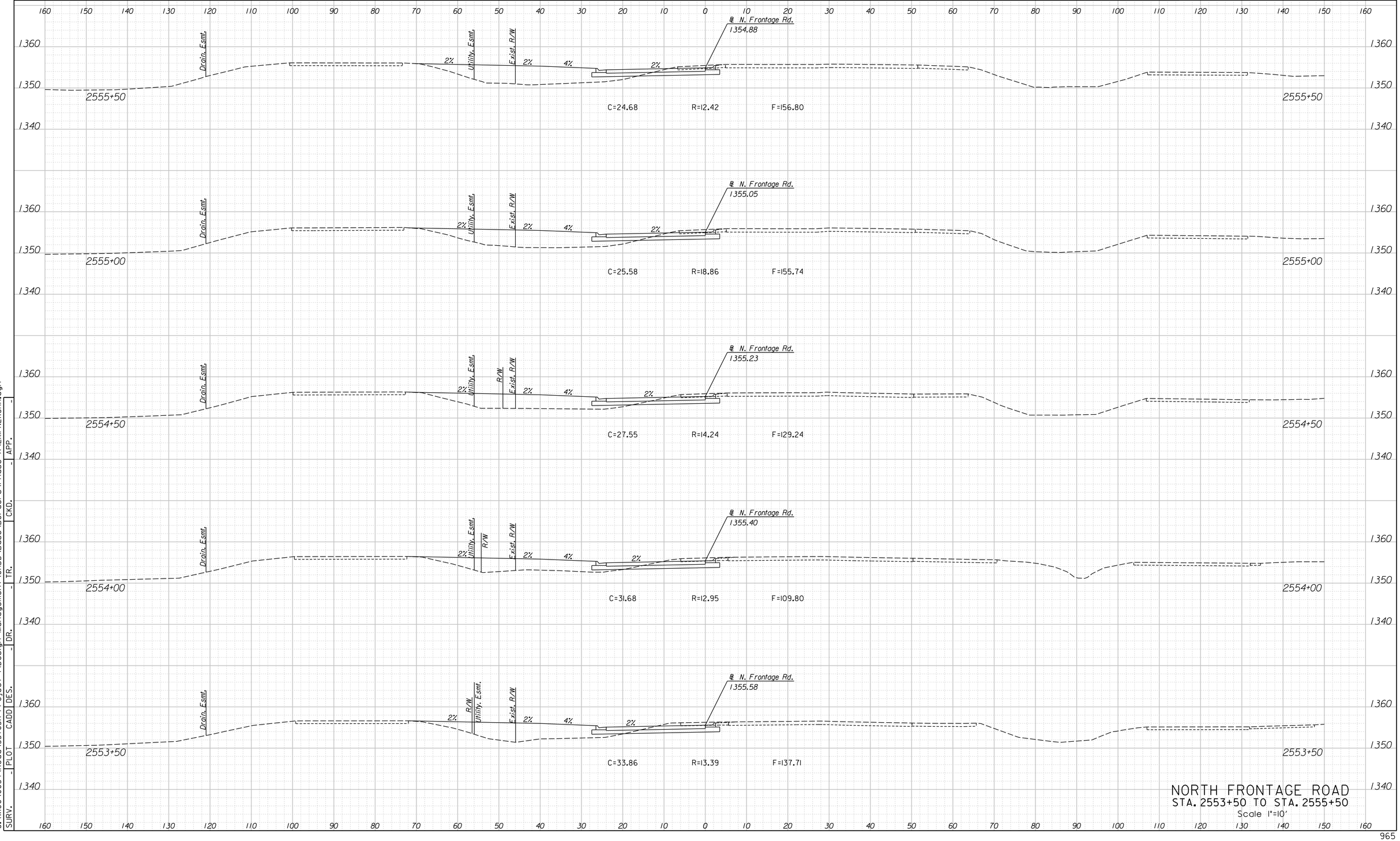
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	965	1055



NORTH FRONTAGE ROAD
STA. 2553+50 TO STA. 2555+50
Scale 1"=10'

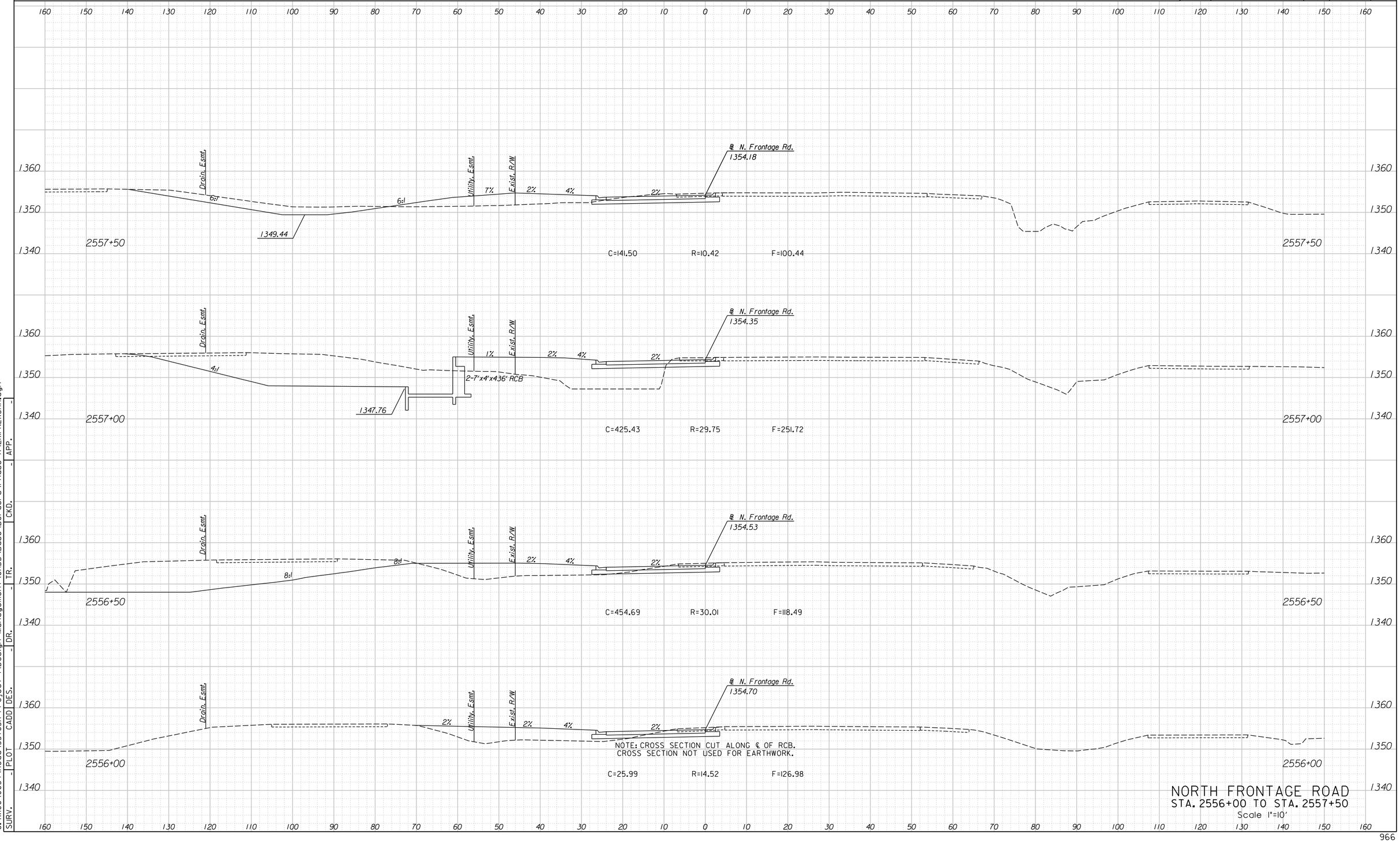
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ---- Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	966	1055



NORTH FRONTAGE ROAD
STA. 2556+00 TO STA. 2557+50

Scale 1"=10'

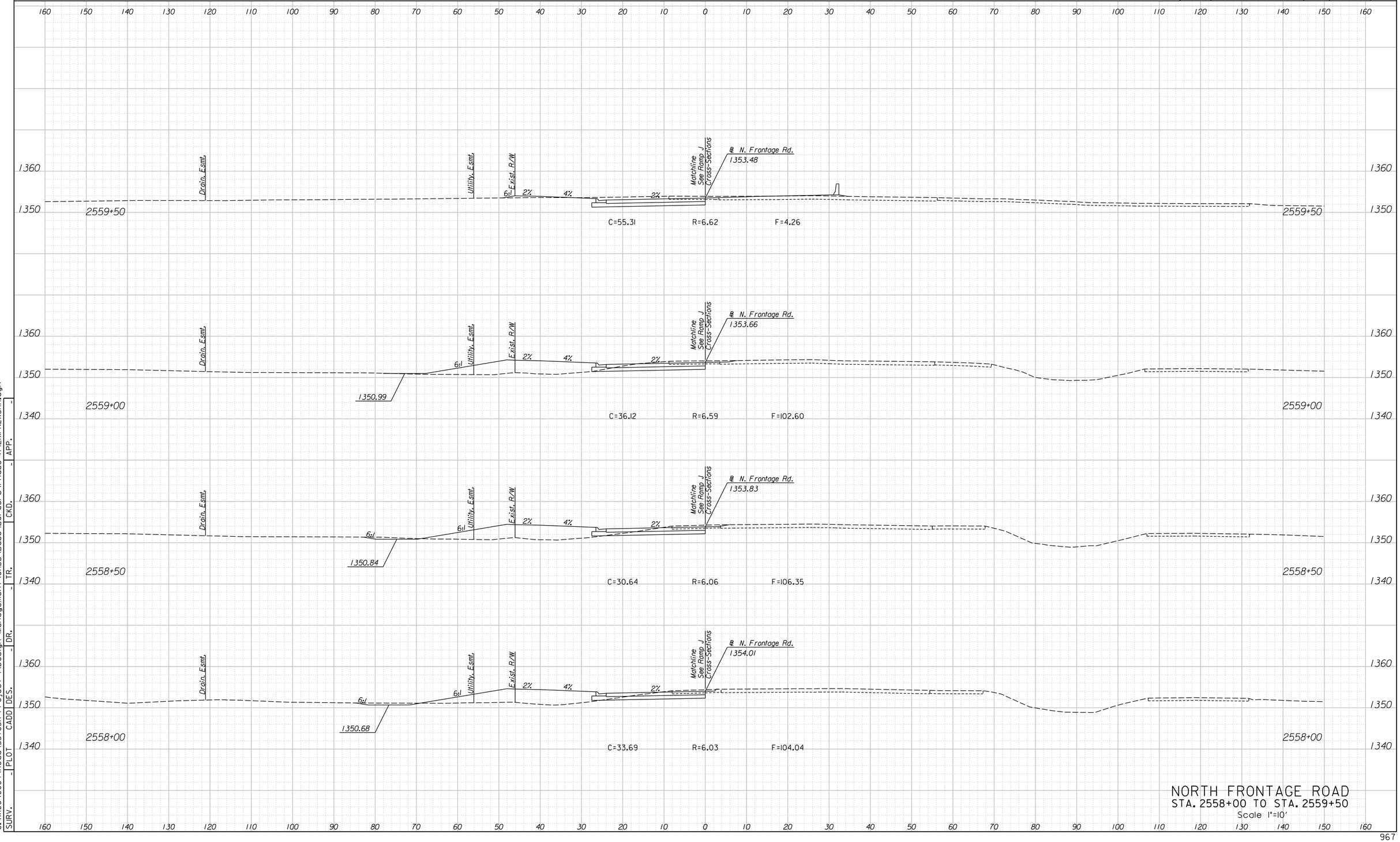
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	967	1055



NORTH FRONTAGE ROAD
STA. 2558+00 TO STA. 2559+50
Scale 1"=10'

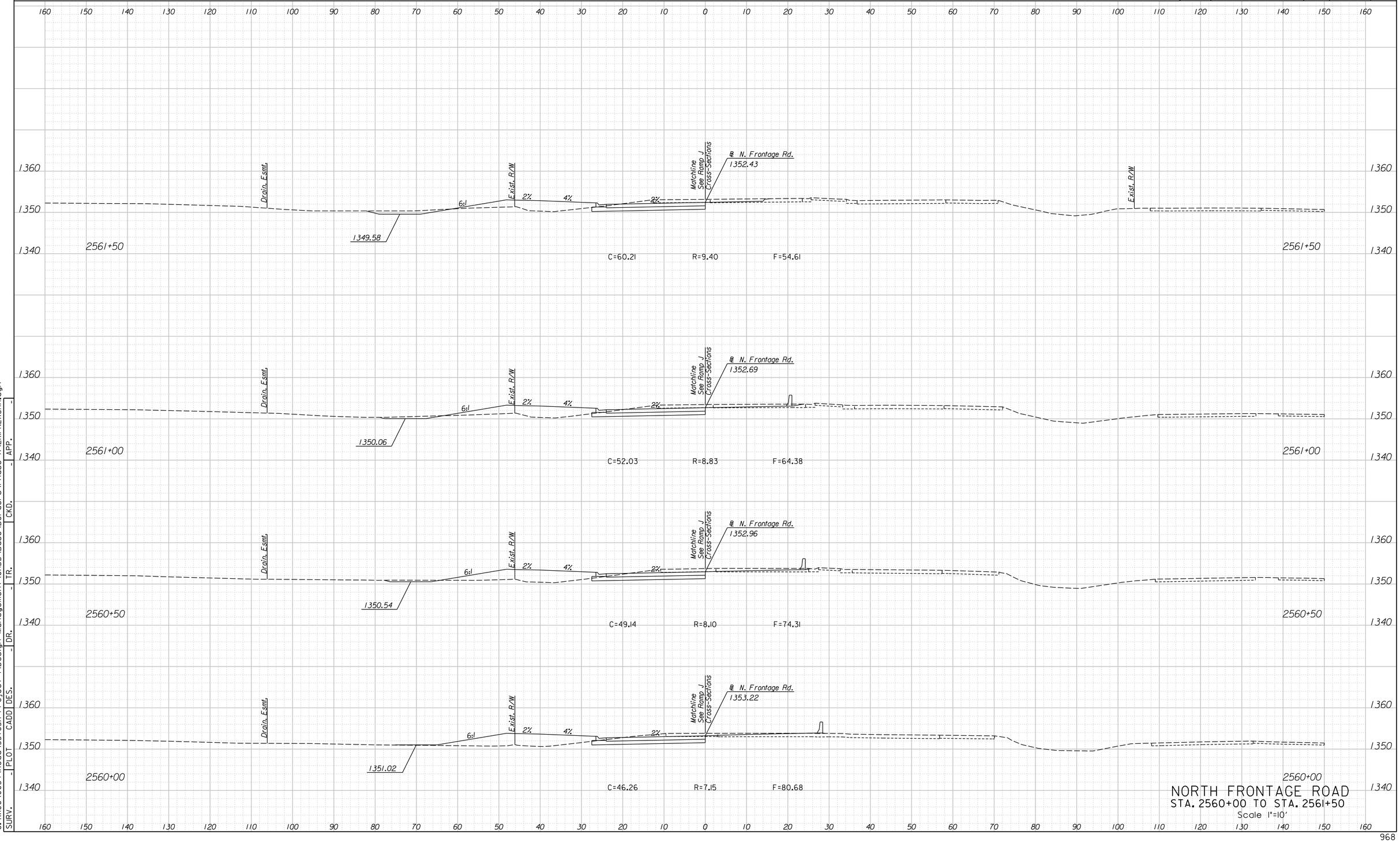
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	968	1055



NORTH FRONTAGE ROAD
STA. 2560+00 TO STA. 2561+50
Scale 1"=10'

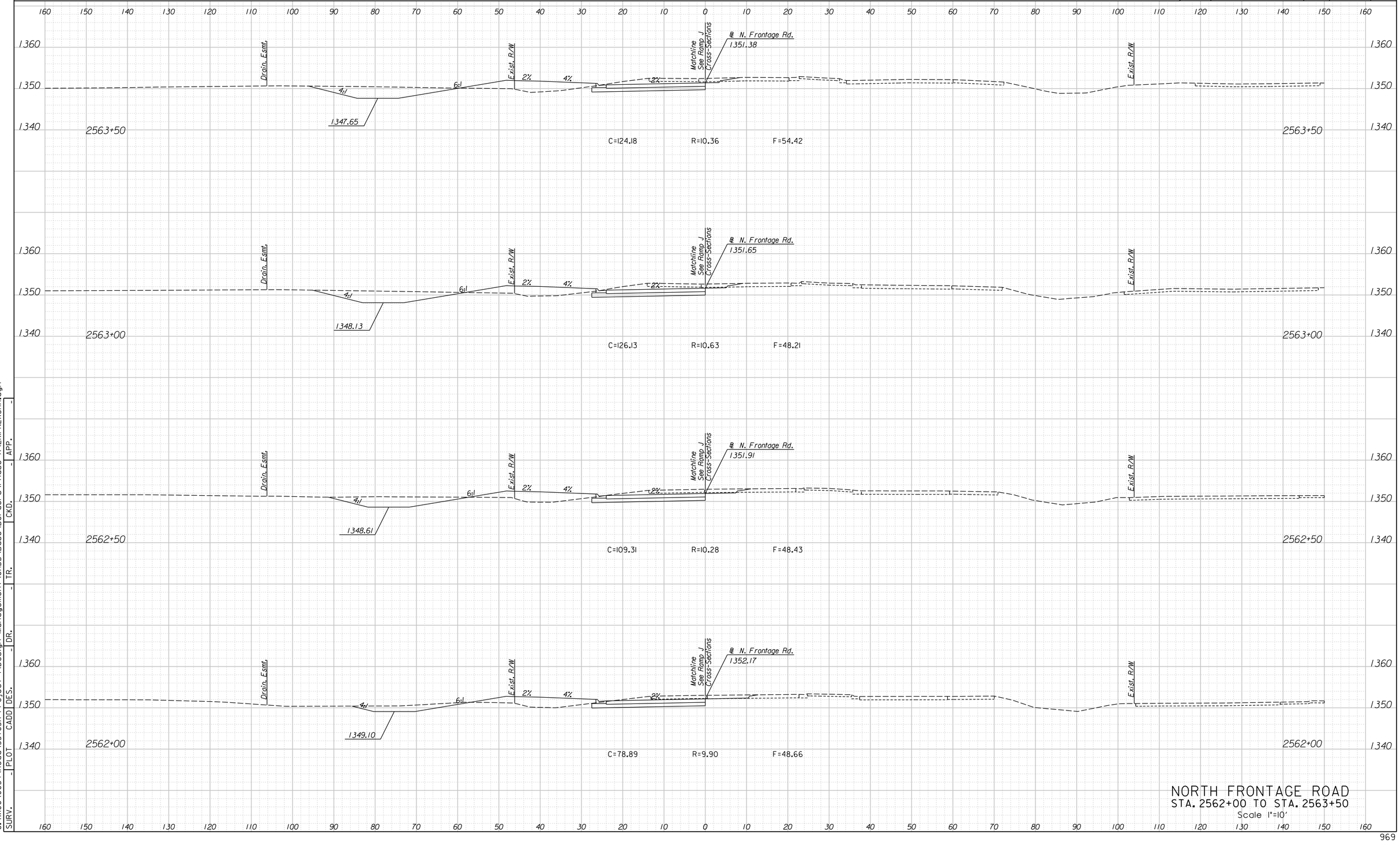
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	969	1055



NORTH FRONTAGE ROAD
STA. 2562+00 TO STA. 2563+50
Scale 1"=10'

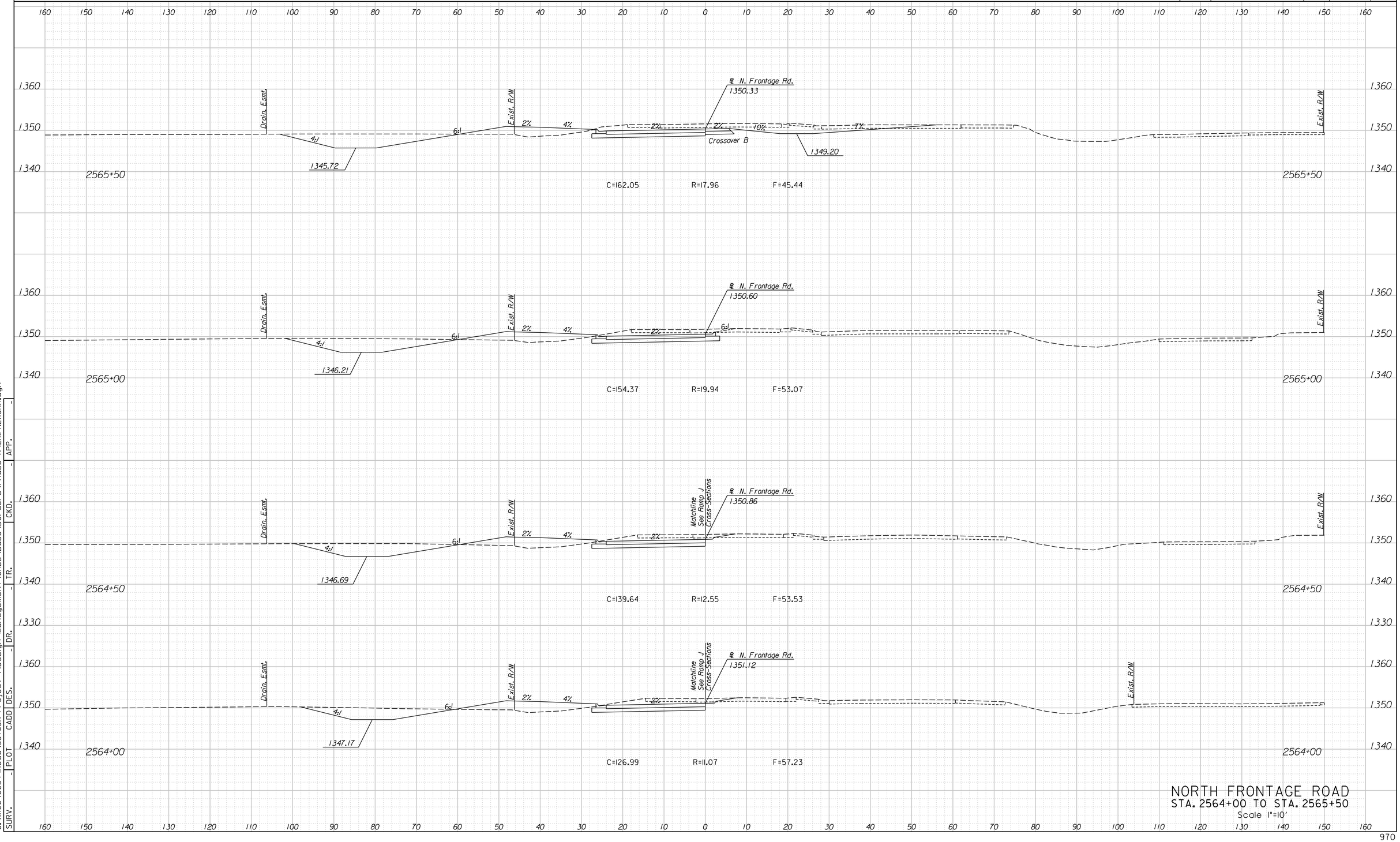
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	970	1055



NORTH FRONTAGE ROAD
STA. 2564+00 TO STA. 2565+50
Scale 1"=10'

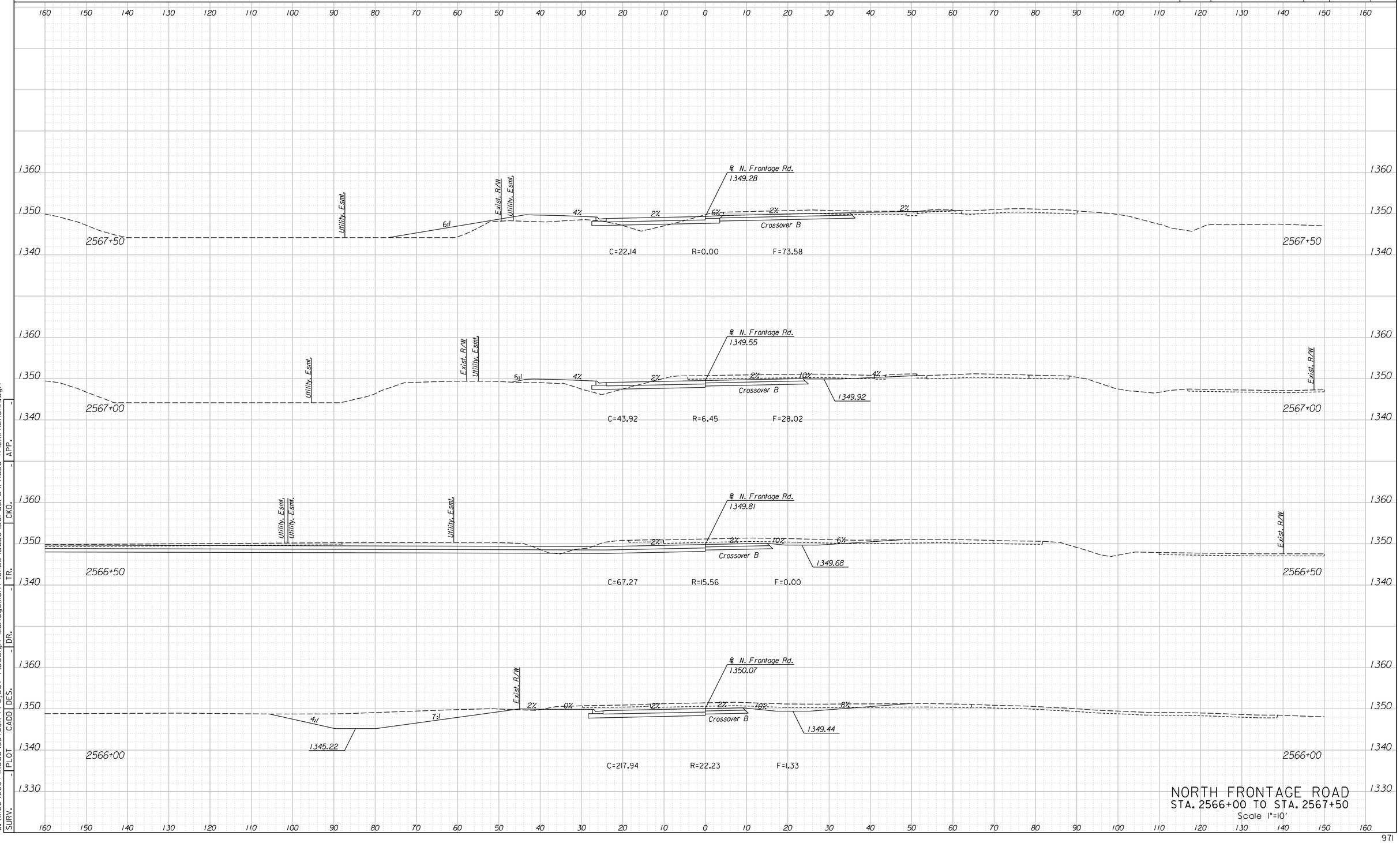
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4/16/2015
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	971	1055



NORTH FRONTAGE ROAD
STA. 2566+00 TO STA. 2567+50
Scale 1"=10'

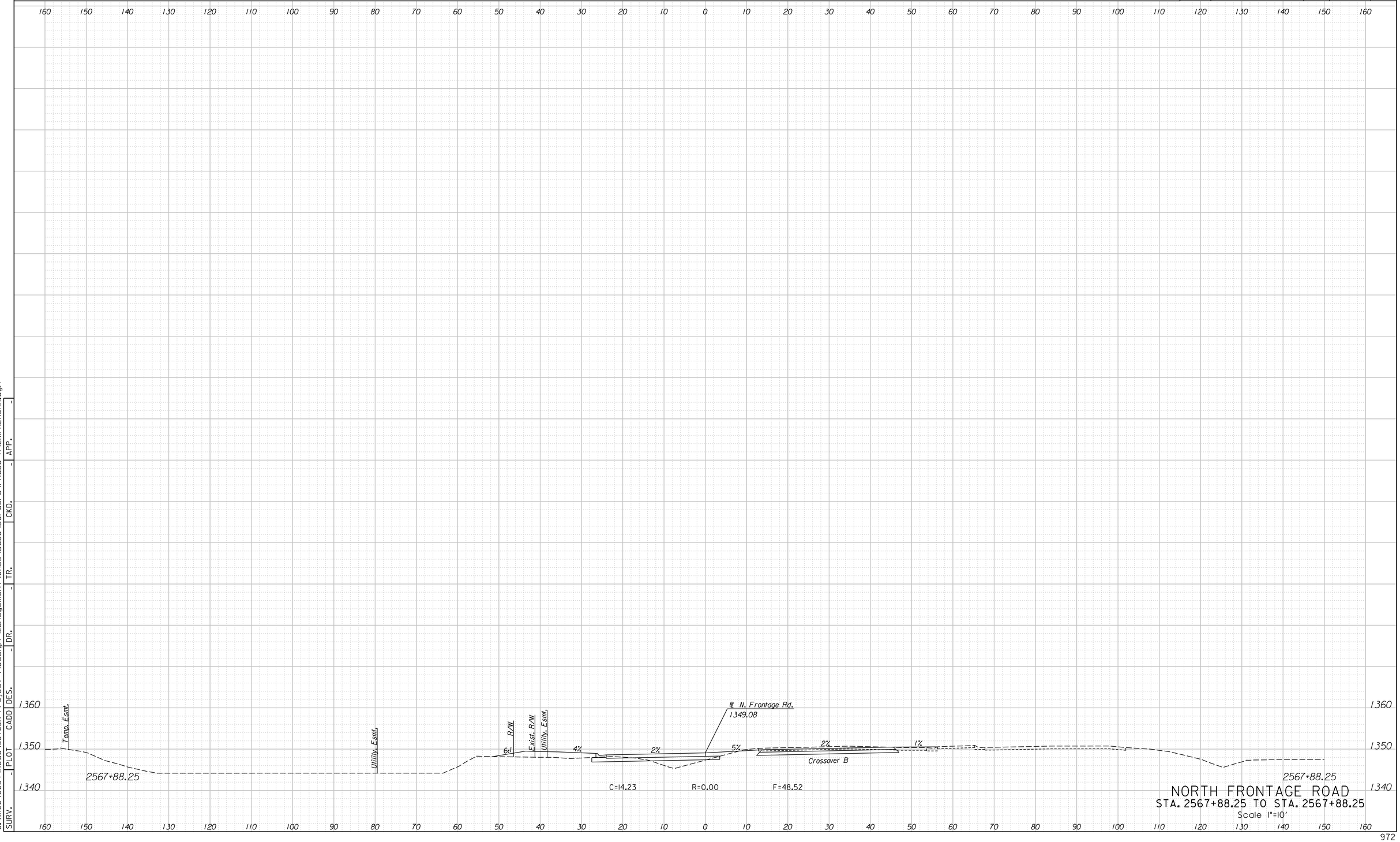
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	972	1055



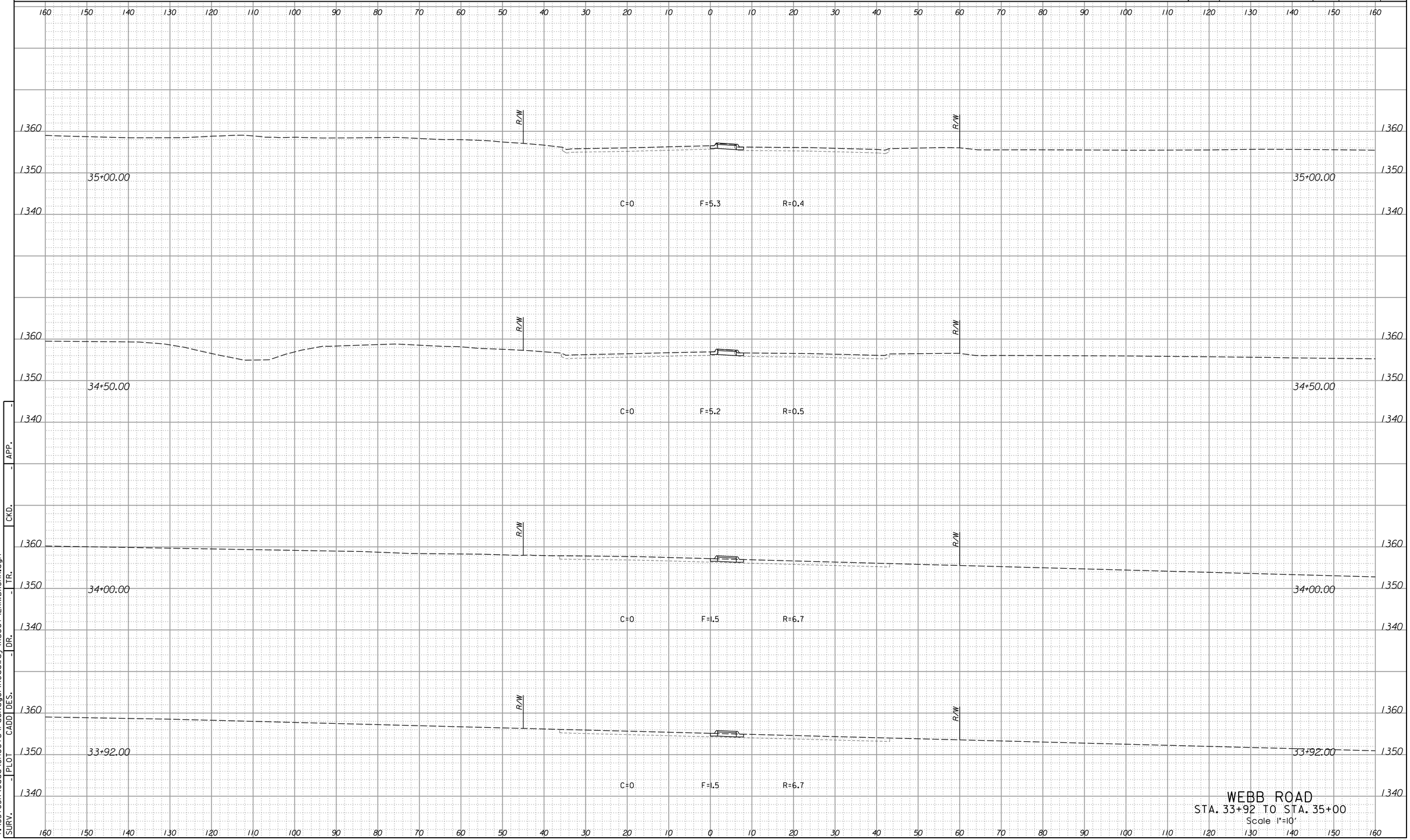
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	973	1055



WEBB ROAD
STA. 33+92 TO STA. 35+00
Scale 1"=10'

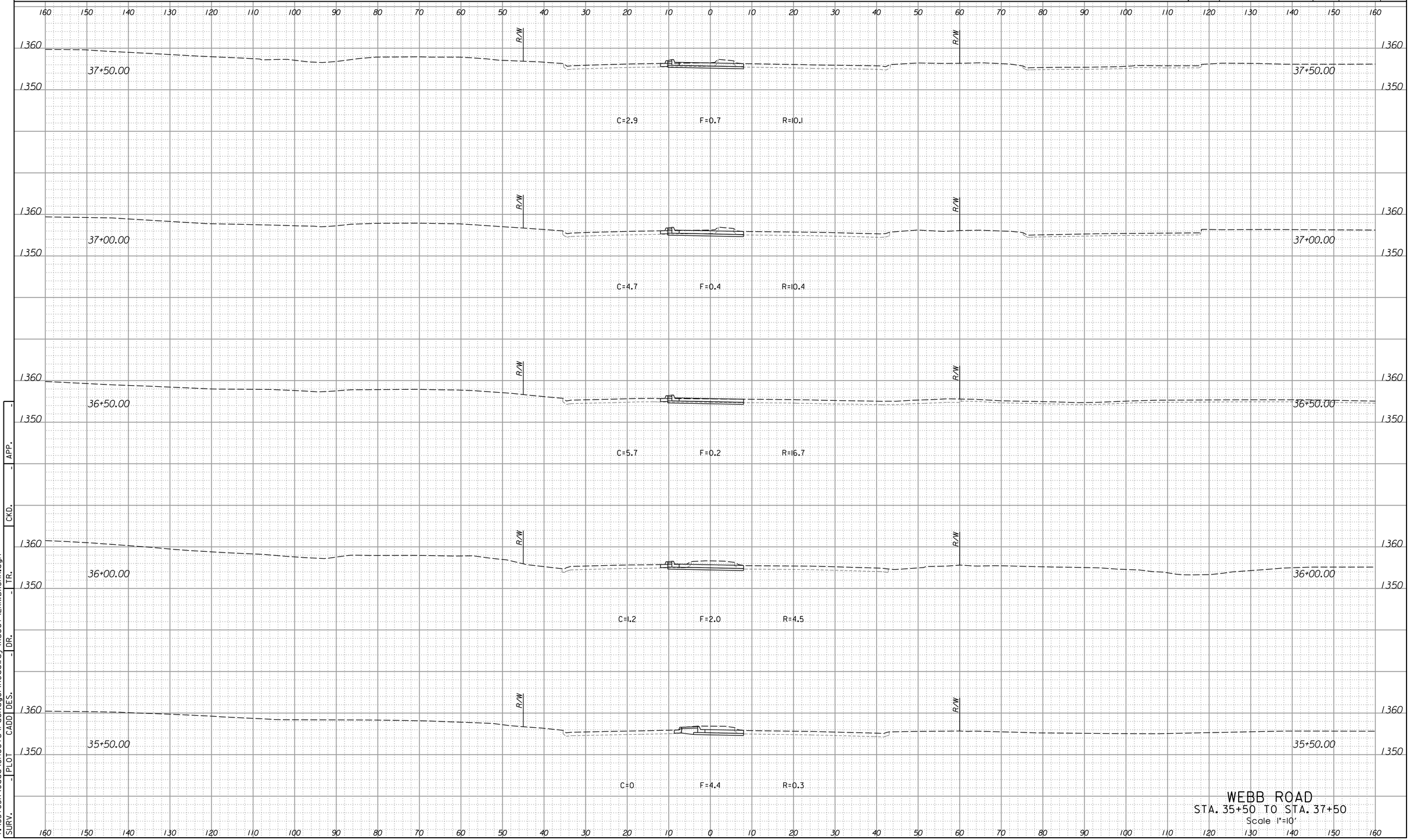
SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	974	1055



WEBB ROAD
STA. 35+50 TO STA. 37+50
Scale 1"=10'

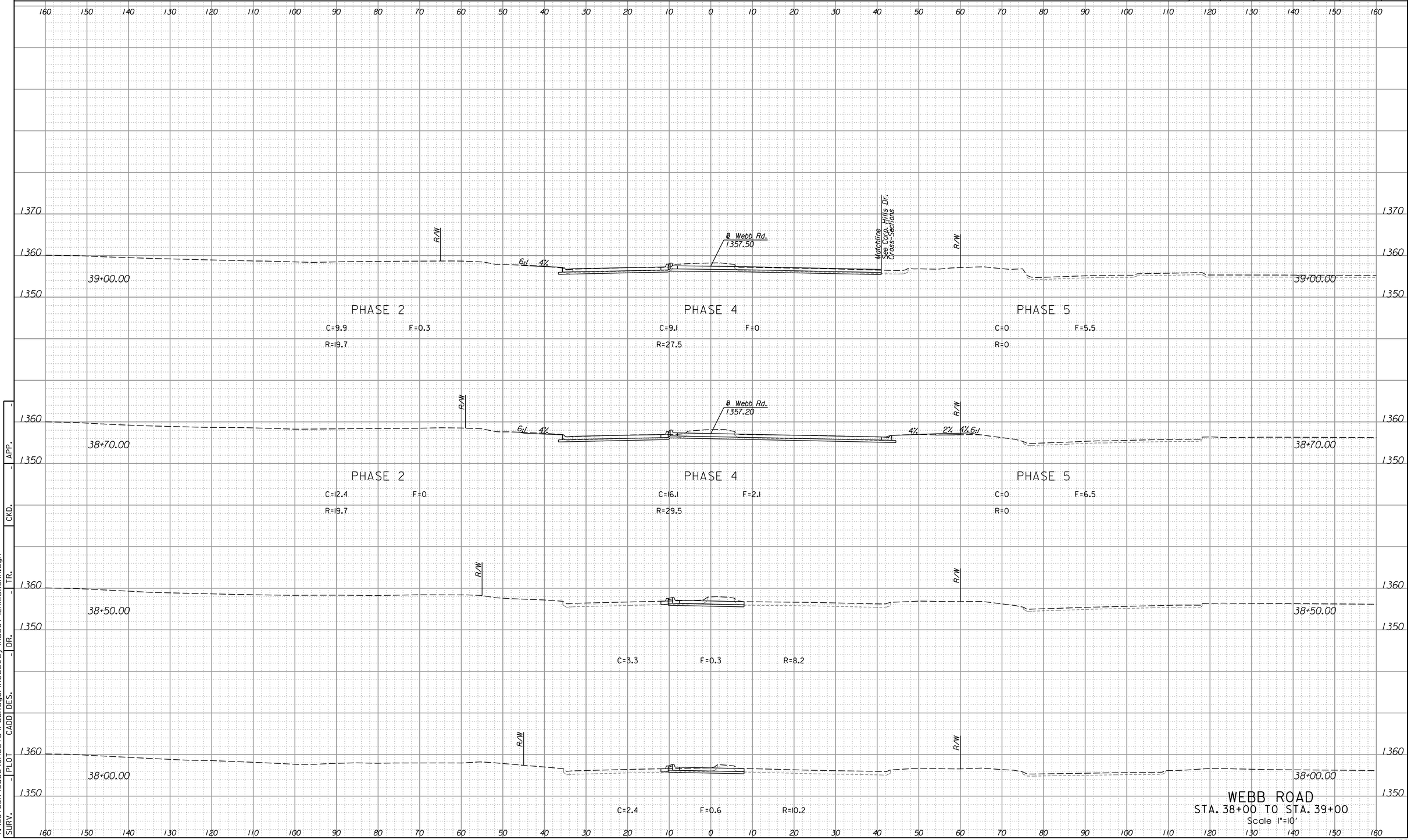
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	975	1055



APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

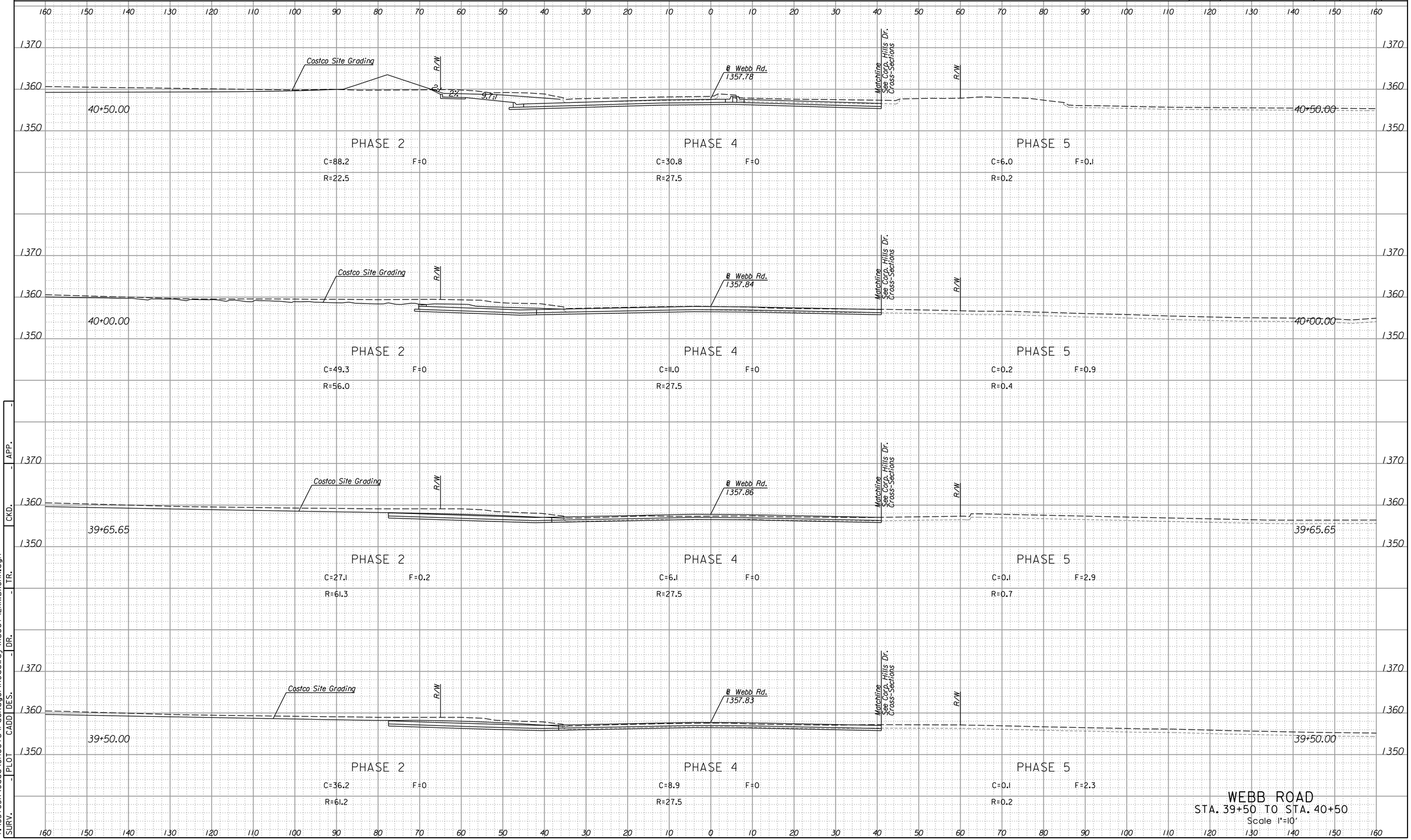
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WEBB ROAD
STA. 38+00 TO STA. 39+00
Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement ------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	976	1055



WEBB ROAD
STA. 39+50 TO STA. 40+50
Scale 1"=10'

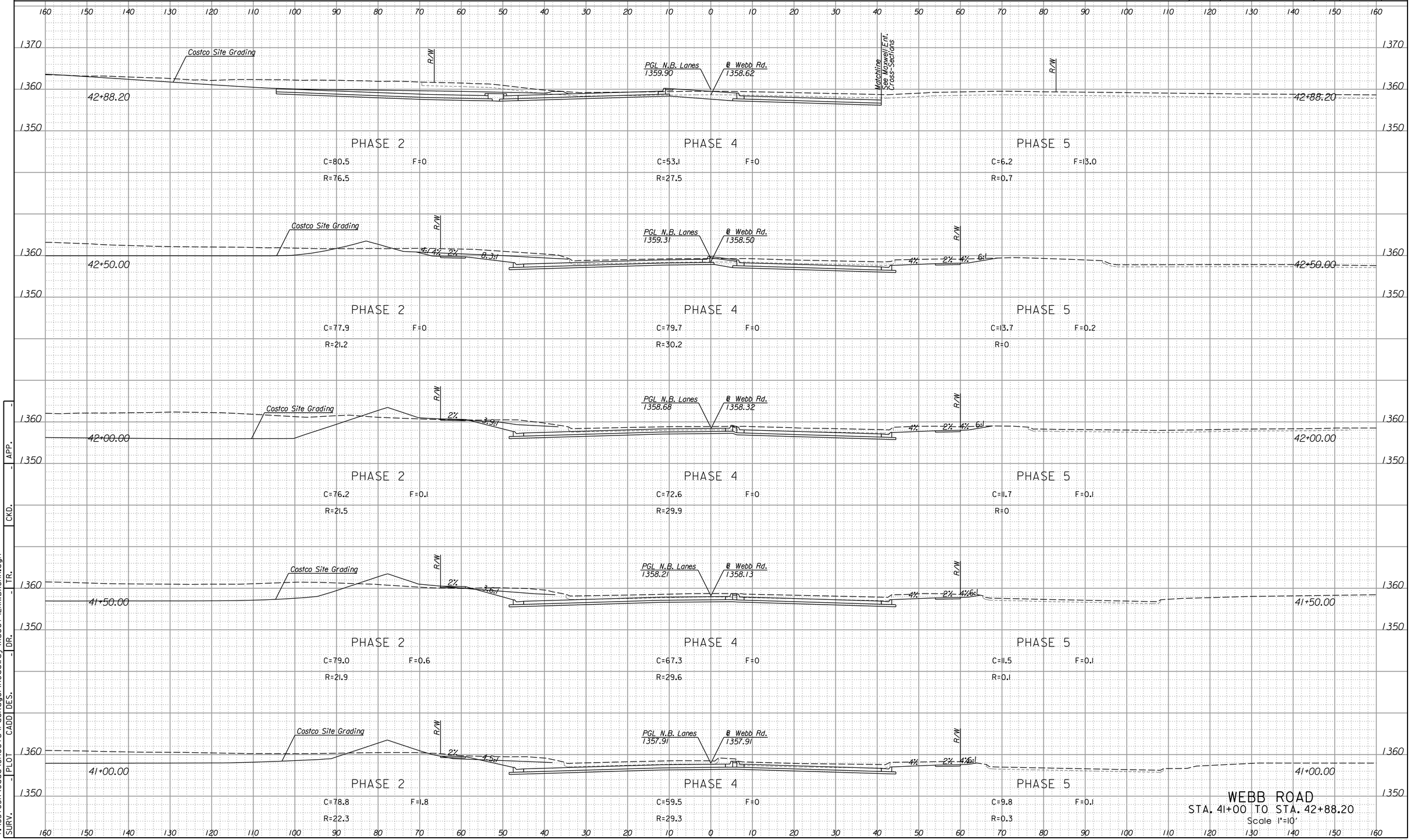
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	977	1055



WEBB ROAD
STA. 41+00 TO STA. 42+88.20
Scale 1"=10'

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	978	1055

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

Costco Site Grading

R/W

2% 6.4:1

PGL N.B. Lanes 1362.24

℄ Webb Rd. 1360.56

8% 2% 8% 6.1:1

R/W

1360

1350

45+00.00

45+00.00

PHASE 2 C=93.4 F=0 R=4.1

PHASE 4 C=151.4 F=0 R=43.8

PHASE 5 C=1.5 F=15.4 R=0

Costco Site Grading

R/W

2% 5.4:1

PGL N.B. Lanes 1361.95

℄ Webb Rd. 1359.84

6.7% 2% 6.7% 4.3:1

R/W

1360

1350

44+50.00

44+50.00

PHASE 2 C=87.7 F=0.6 R=7.2

PHASE 4 C=159.0 F=2.1 R=41.6

PHASE 5 C=17.2 F=0.2 R=0

Costco Site Grading

R/W

2% 5.1:1

PGL N.B. Lanes 1361.50

℄ Webb Rd. 1359.29

5.3% 2% 5.3% 3.1%

R/W

1360

1350

44+00.00

44+00.00

PHASE 2 C=81.7 F=0.4 R=10.3

PHASE 4 C=131.3 F=0 R=29.5

PHASE 5 C=33.2 F=0.2 R=0

Costco Site Grading

R/W

3:1 4% 2% 4.4%

PGL N.B. Lanes 1360.88

℄ Webb Rd. 1358.89

4% 2% 4% 4:1

R/W

1360

1350

43+50.00

43+50.00

PHASE 2 C=75.6 F=0.5 R=18.5

PHASE 4 C=101.8 F=0 R=30.6

PHASE 5 C=5.4 F=20.2 R=1.3

1370

Costco Site Grading

R/W

PGL N.B. Lanes 1360.16

℄ Webb Rd. 1358.67

Matchline See Maxwell Ent. Cross-Sections

R/W

1360

1350

43+03.69

43+03.69

PHASE 2 C=71.0 F=0 R=74.9

PHASE 4 C=54.7 F=0 R=27.5

PHASE 5 C=6.1 F=16.8 R=1.9

WEBB ROAD
STA. 43+03.69 TO STA. 45+00
Scale 1"=10'

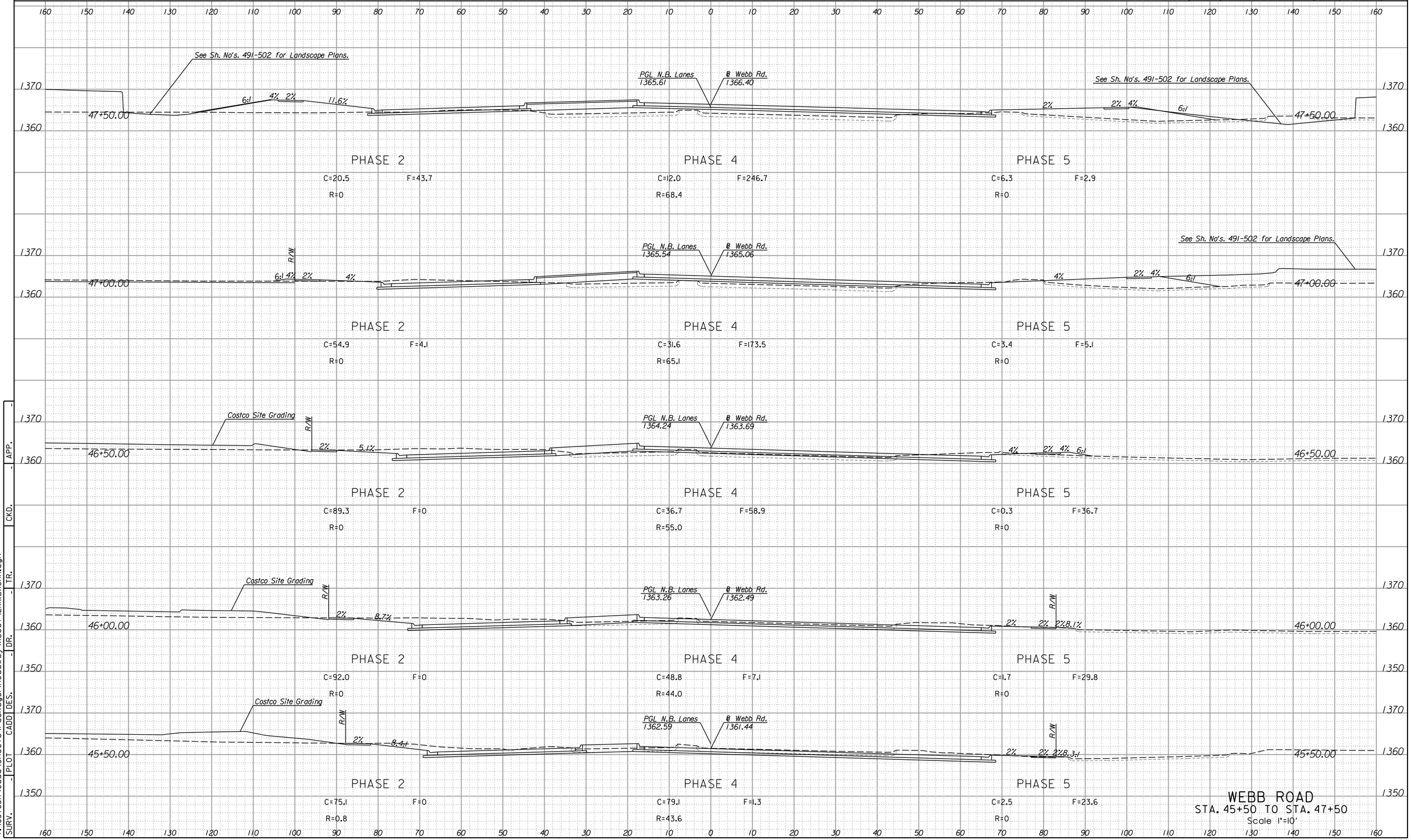
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	979	1055



WEBB ROAD
STA. 45+50 TO STA. 47+50
Scale 1"=10'

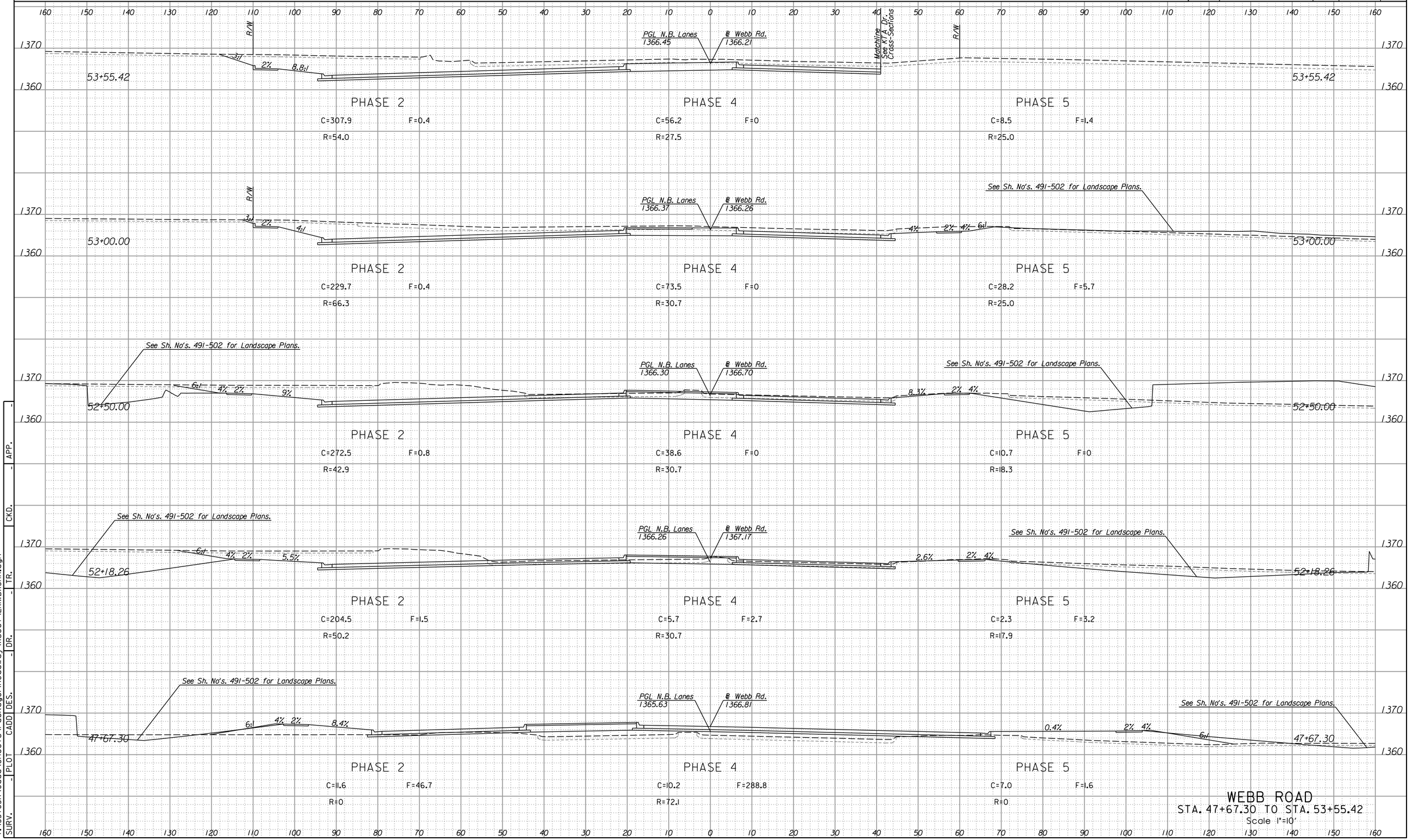
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	980	1055



WEBB ROAD
STA. 47+67.30 TO STA. 53+55.42
Scale 1"=10'

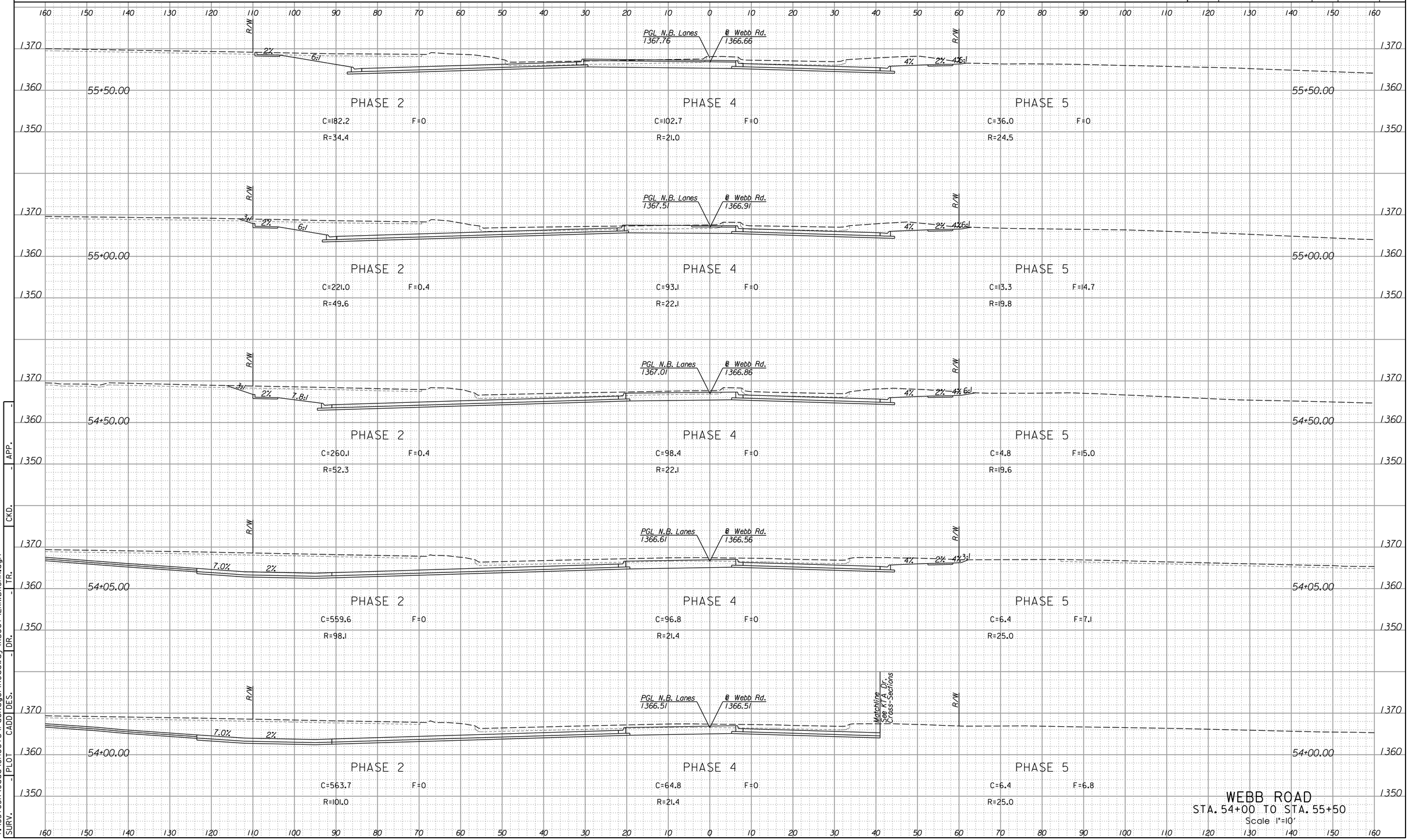
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement ------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	981	1055



WEBB ROAD
STA. 54+00 TO STA. 55+50
Scale 1"=10'

APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	981A	1055

480 470 460 450 440 430 420 410 400 390 380 370 360 350 340 330 320 310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160

1380
1370
1360

54+05.00

54+00.00

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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WEBB ROAD - EXT. LT.

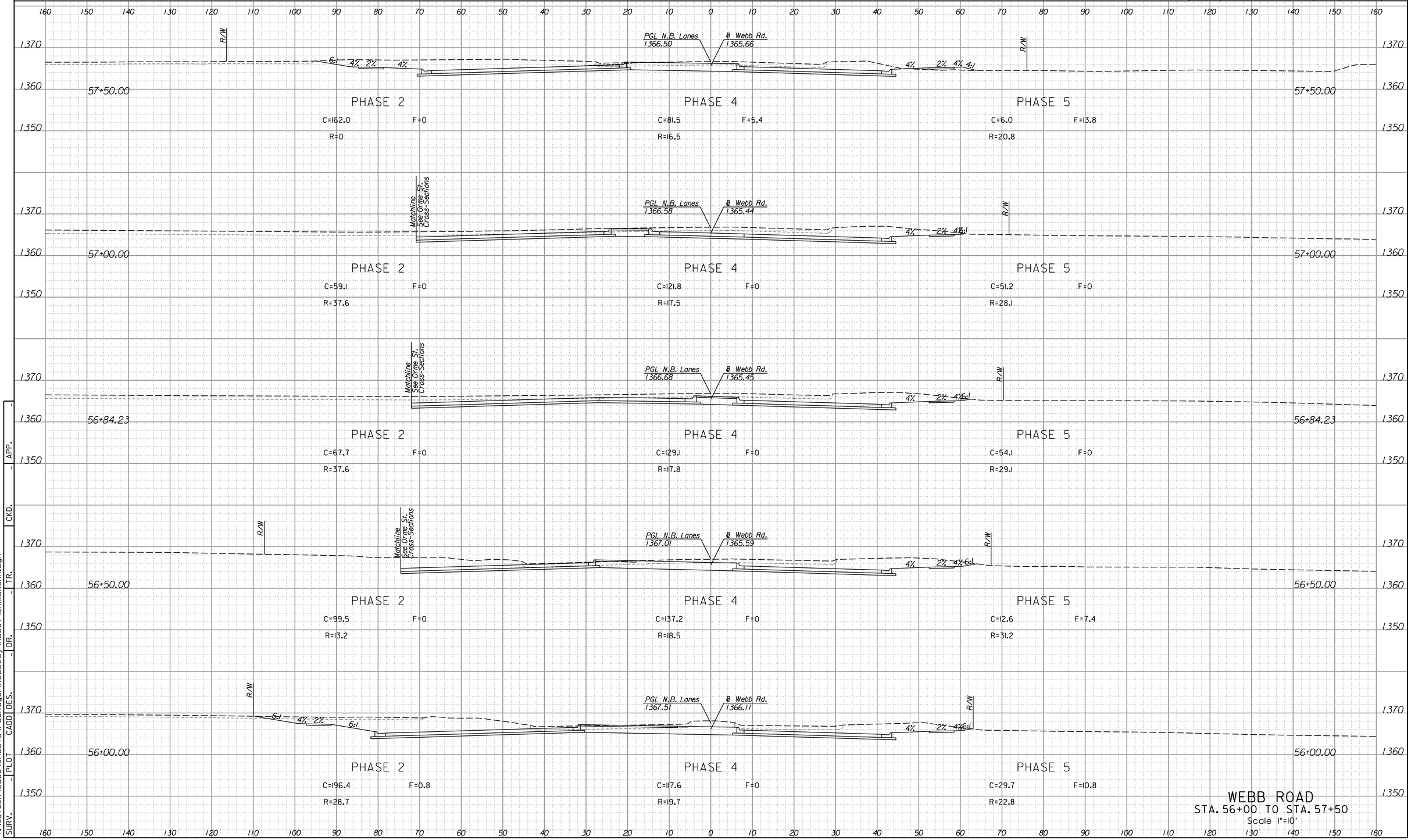
STA. 54+00 TO STA. 54+05

Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	982	1055



WEBB ROAD
STA. 56+00 TO STA. 57+50
Scale 1"=10'

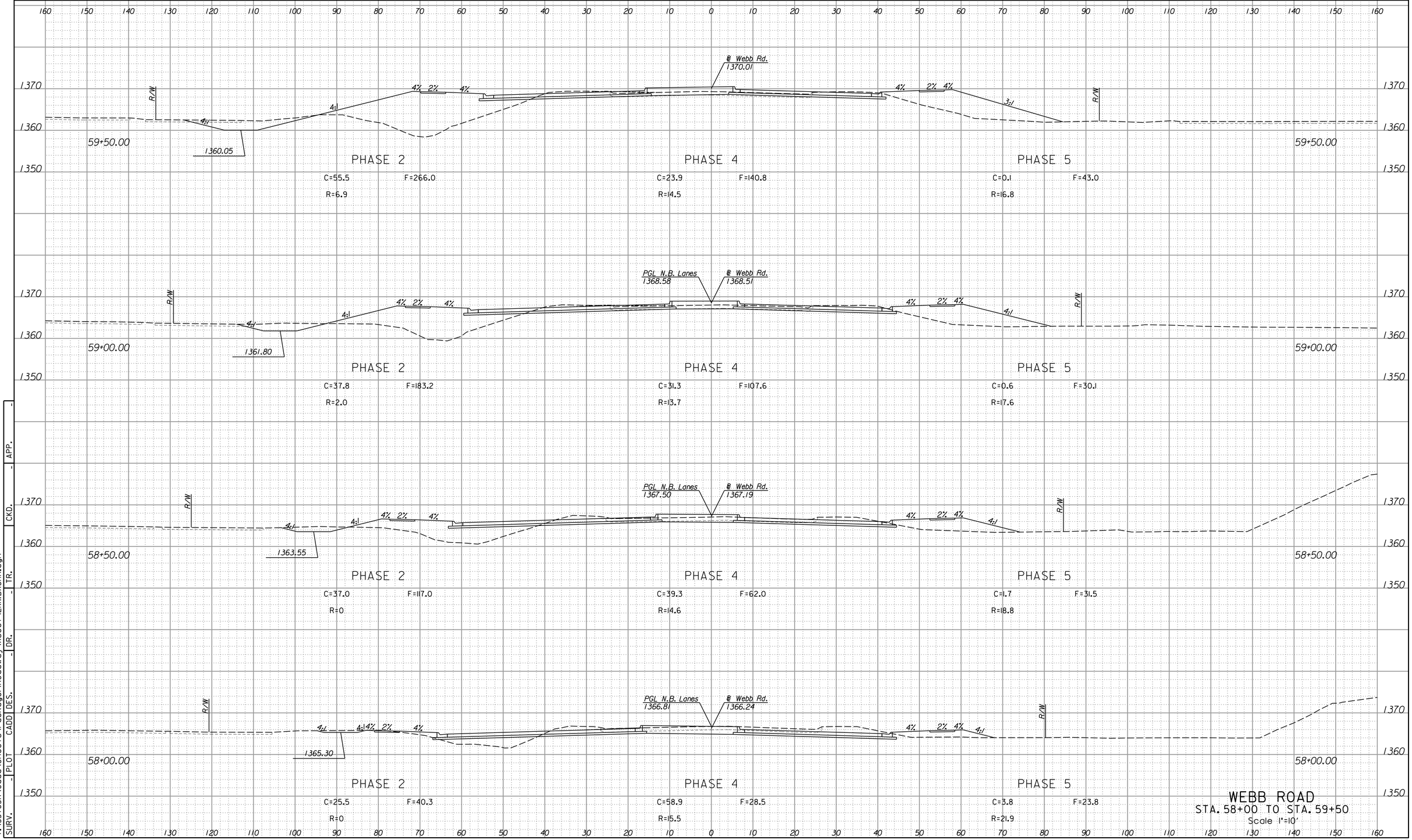
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	983	1055



WEBB ROAD
STA. 58+00 TO STA. 59+50
Scale 1"=10'

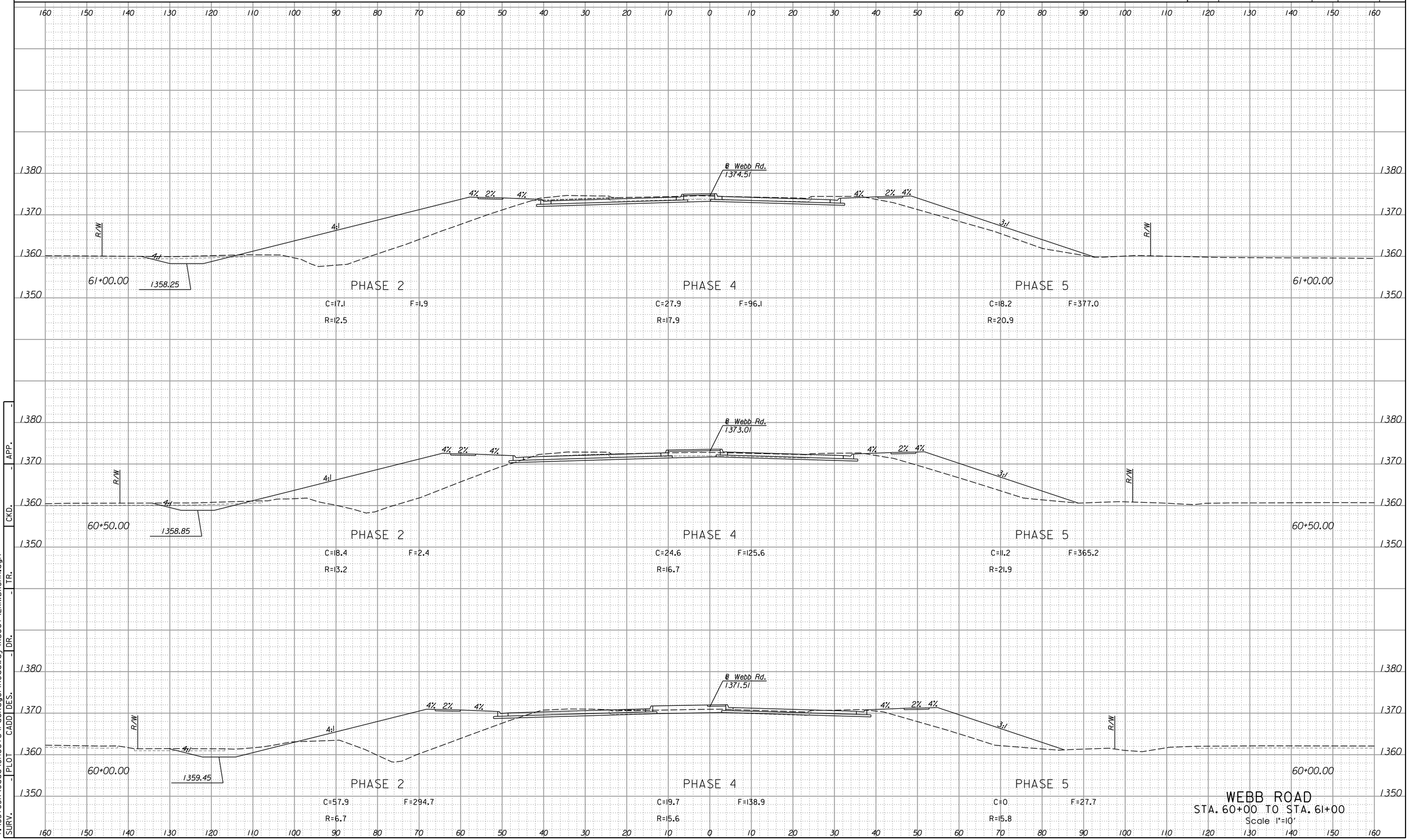
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	984	1055



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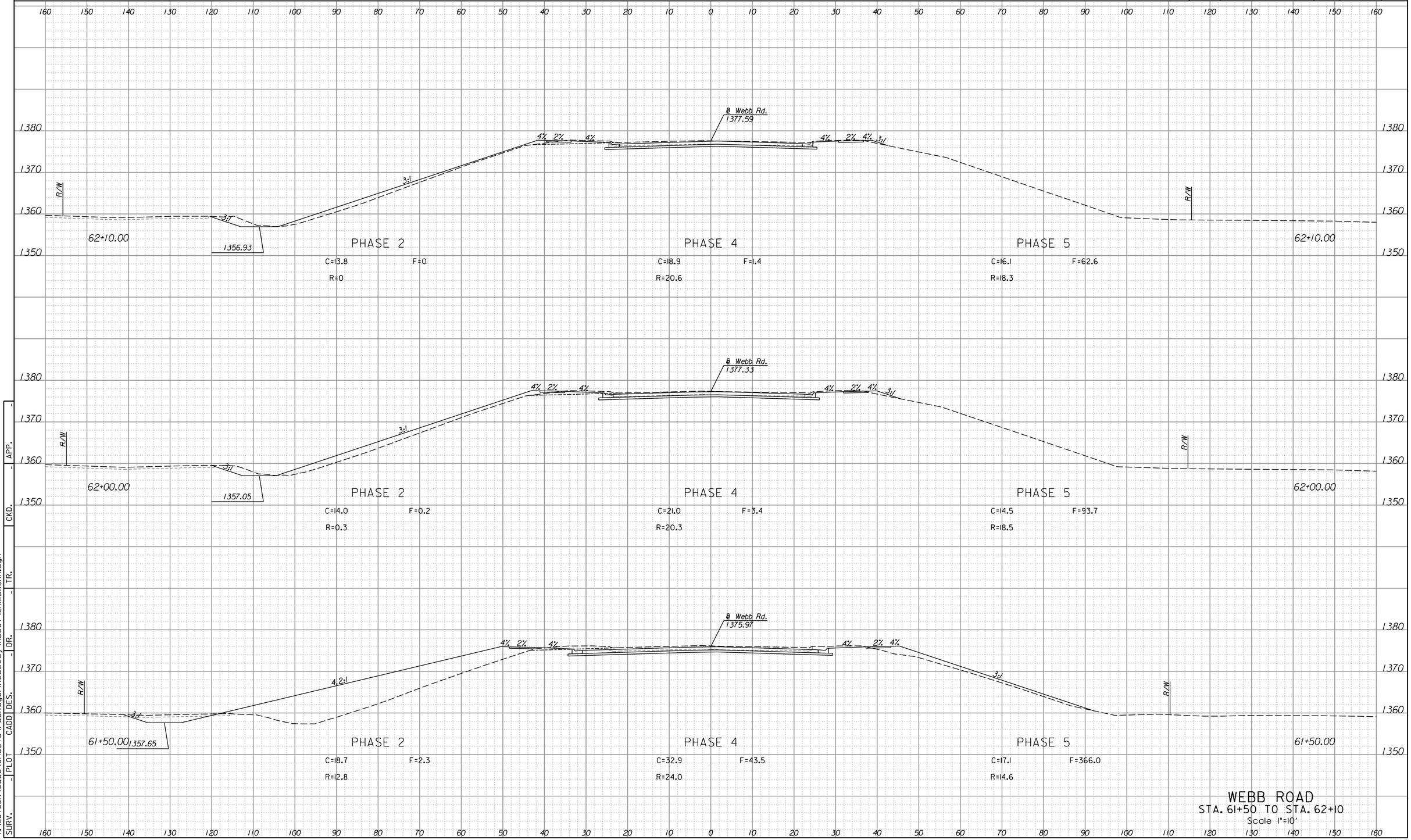
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WEBB ROAD
STA. 60+00 TO STA. 61+00
Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	985	1055



APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

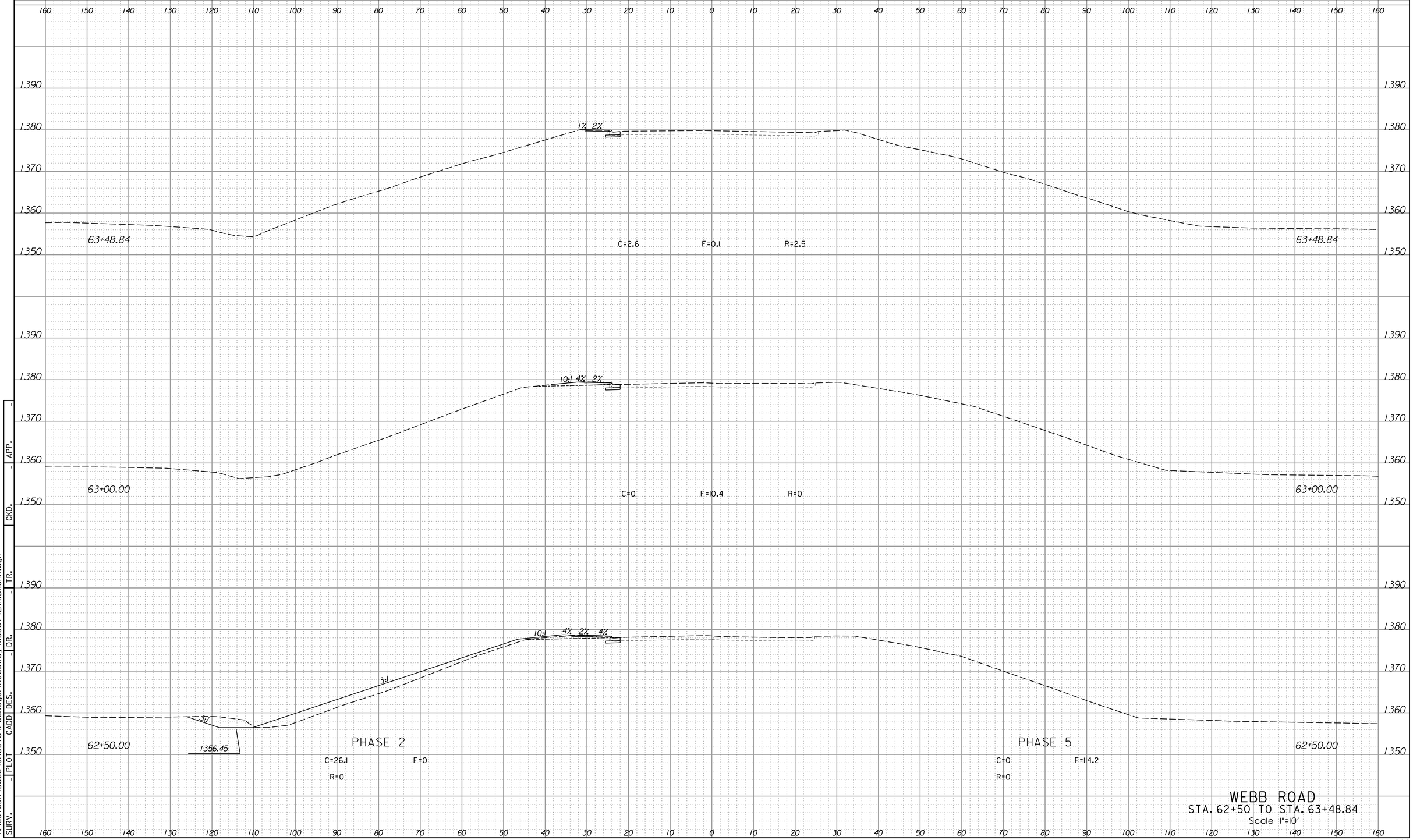
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WEBB ROAD
STA. 61+50 TO STA. 62+10
Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	986	1055



WEBB ROAD
STA. 62+50 TO STA. 63+48.84
Scale 1"=10'

APP. | CKD. | DR. | DES. | CADD | PLOT | SURV. | TR.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	987	1055

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

1370
1360
1350

Matchline See Webb Rd. Cross-Sections

℄ Corp. Hills Dr.
1357.04

202+59.00

C=85.4 F=0 R=137.2

5.03' Lt. ℄ Corp. Hills Dr.
1356.30

3.12' Rt. ℄ Corp. Hills Dr.
1356.52

4%

202+00.00

C=45.5 F=0 R=55.0

4.99' Lt. ℄ Corp. Hills Dr.
1356.04

3.18' Rt. ℄ Corp. Hills Dr.
Match Existing

201+78.55

C=34.9 F=0 R=53.7

4.97' Lt. ℄ Corp. Hills Dr.
Match Existing

201+68.77

C=13.7 F=0 R=21.4

CORPORATE HILLS DRIVE
STA. 201+68.77 TO STA. 202+59
Scale 1"=10'

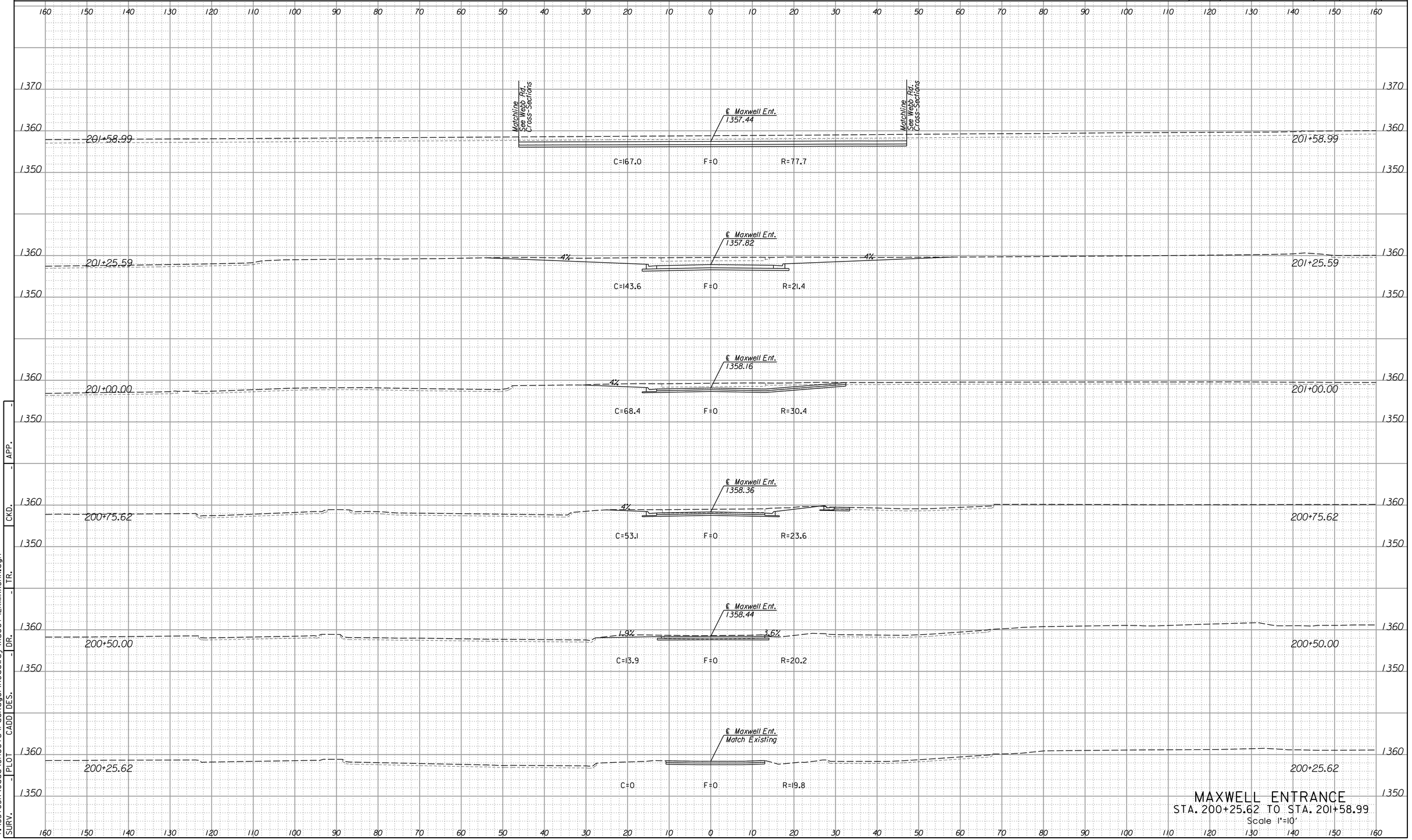
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	988	1055



MAXWELL ENTRANCE

STA. 200+25.62 TO STA. 201+58.99

Scale 1"=10'

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	989	1055

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

1370
1360

100+92.50

Matchline See Webb Rd. Cross-Sections

℄ KTA Dr.
1364.98

Matchline See Webb Rd. Cross-Sections

100+92.50

C=210.3 F=0 R=54.0

℄ KTA Dr.
1366.25

100+50.00

6:1 4% 4% 6:1

100+50.00

C=66.4 F=0 R=29.0

℄ KTA Dr.
Match Existing

100+00.00

100+00.00

C=0 F=0 R=24.5

KTA DRIVE
STA. 100+00 TO STA. 100+92.50
Scale 1"=10'

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

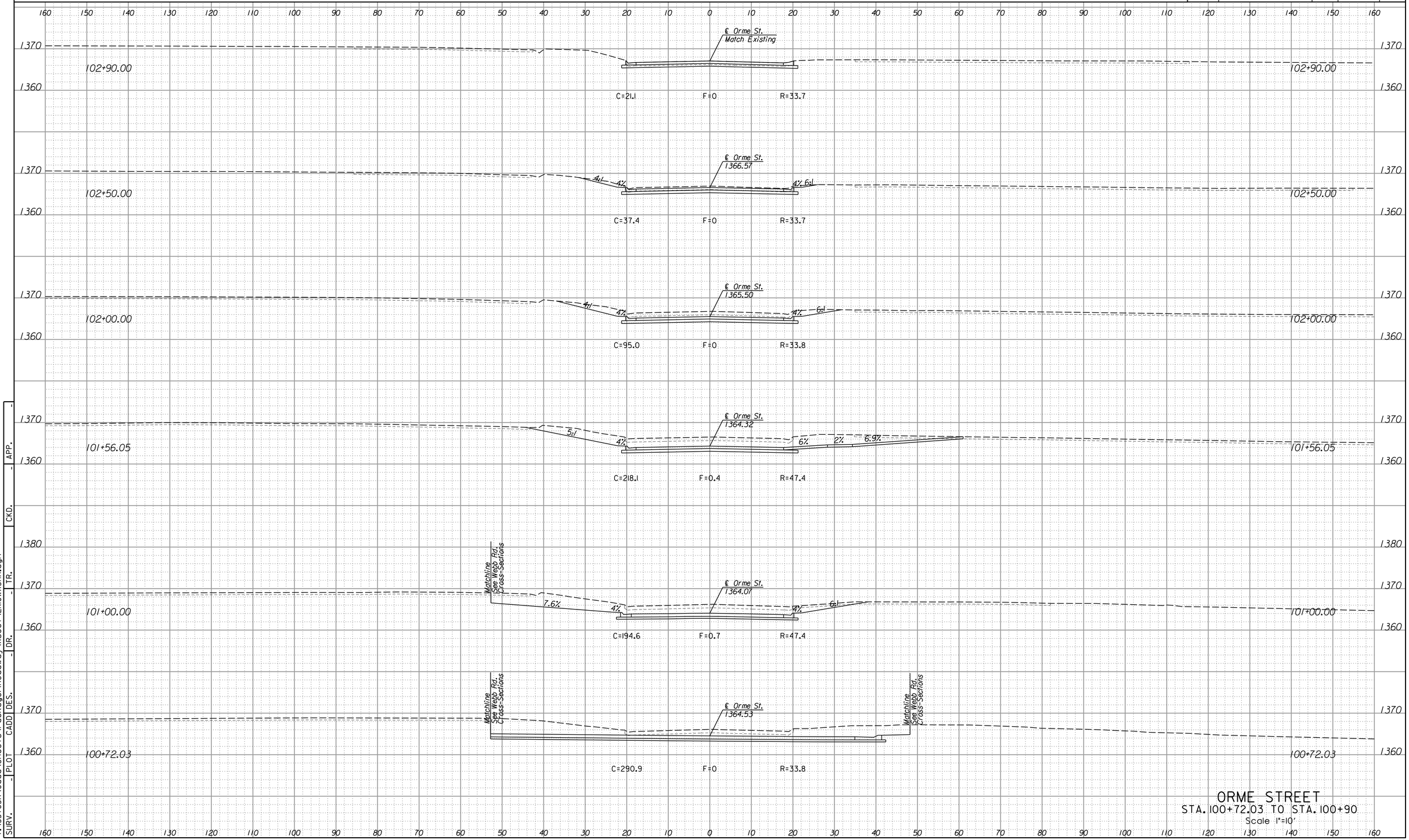
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	990	1055



ORME STREET
STA. 100+72.03 TO STA. 100+90
Scale 1"=10'

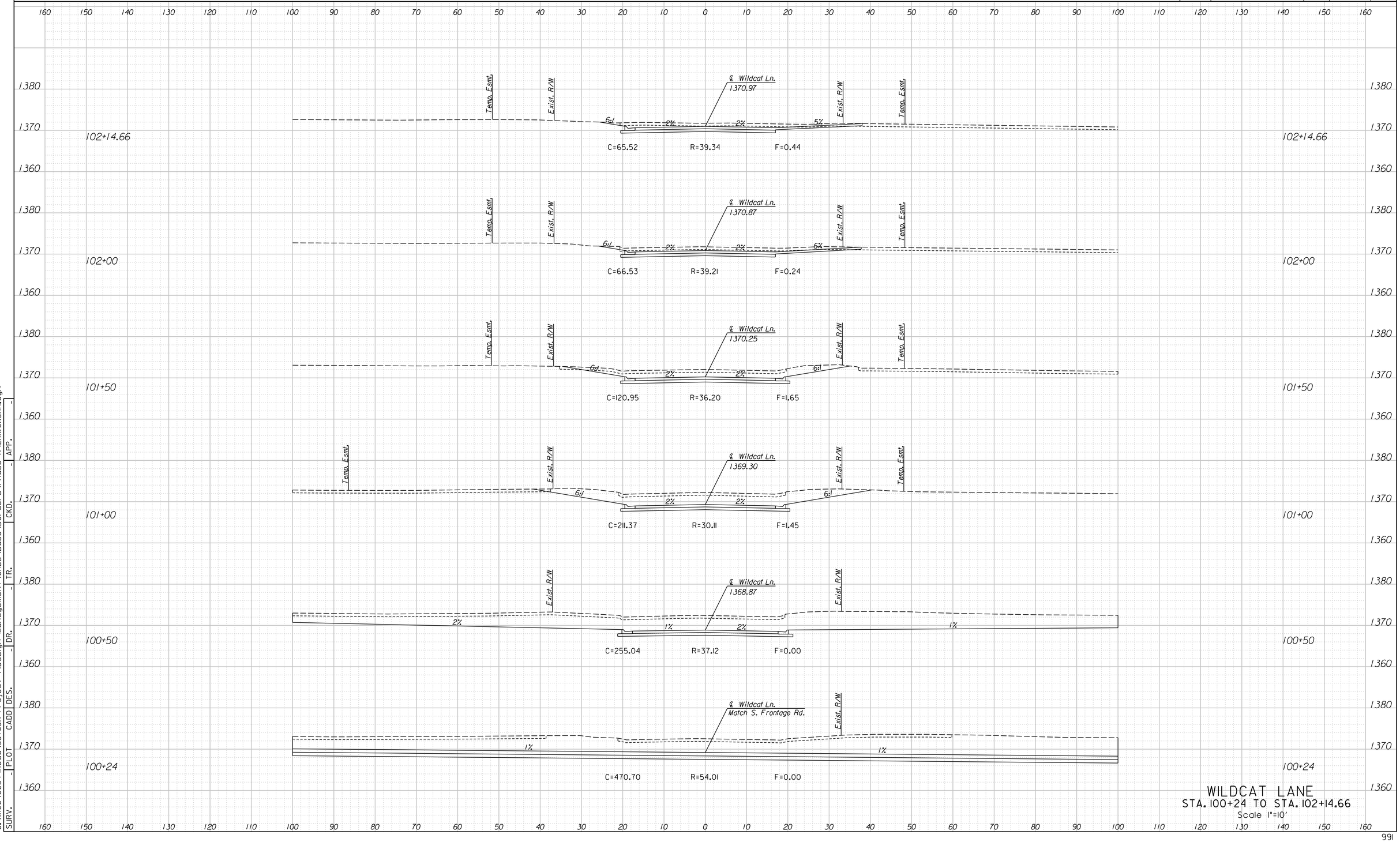
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ---- Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	991	1055



WILDCAT LANE
STA. 100+24 TO STA. 102+14.66
Scale 1"=10'

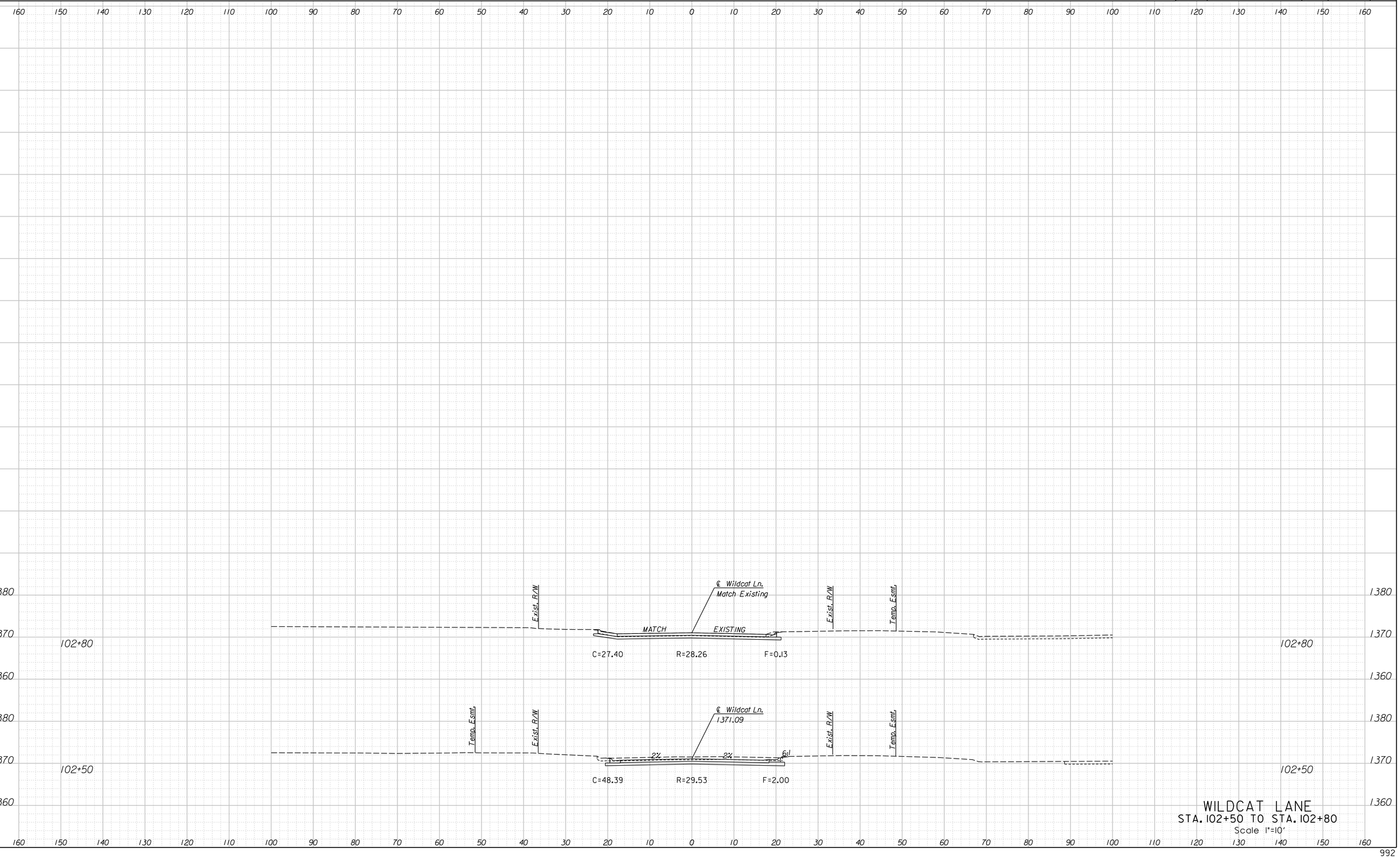
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	992	1055



WILDCAT LANE
STA. 102+50 TO STA. 102+80
Scale 1"=10'

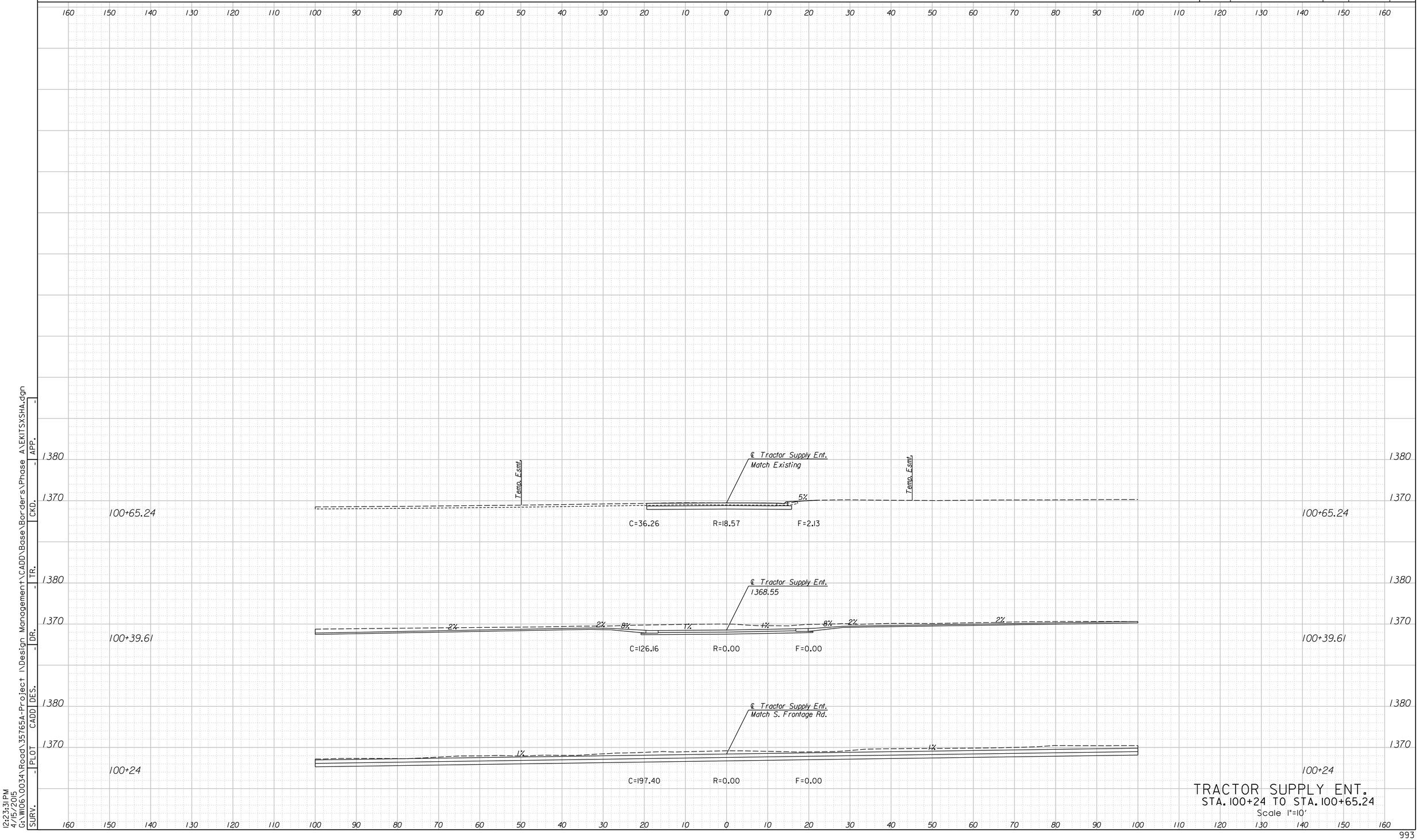
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	993	1055



TRACTOR SUPPLY ENT.
STA. 100+24 TO STA. 100+65.24
Scale 1"=10'

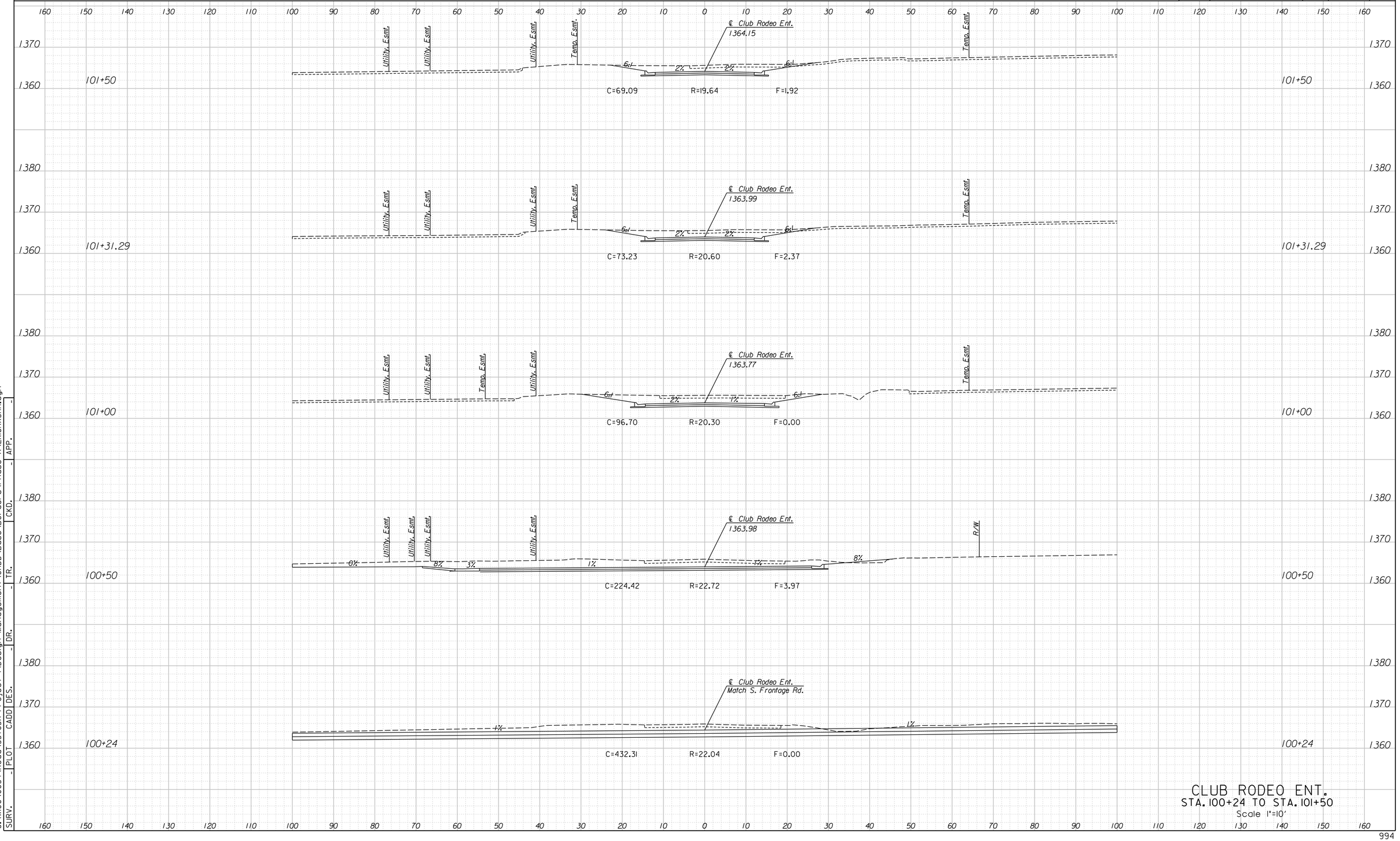
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	994	1055



CLUB RODEO ENT.
STA. 100+24 TO STA. 101+50
Scale 1"=10'

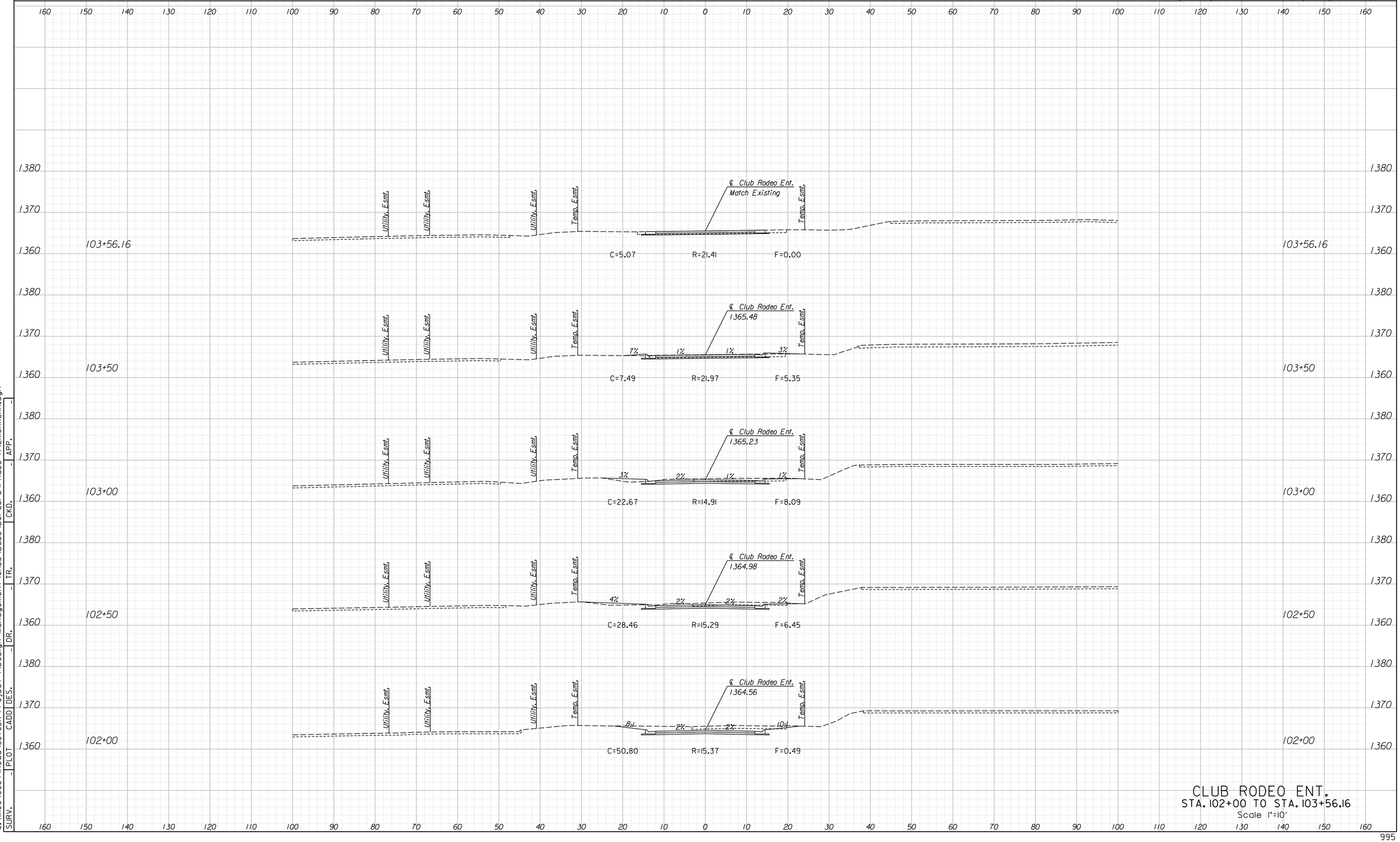
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	995	1055



CLUB RODEO ENT.
STA. 102+00 TO STA. 103+56.16
Scale 1"=10'

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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	996	1055

160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

1370
1360

100+98

Temp. Esmt.
Utility Esmt.
Utility Esmt.
℄ Carmax Ent.
Match Existing
Utility Esmt.
Utility Esmt.
Temp. Esmt.

C=29.94 R=40.11 F=0.00

100+98

100+75

Temp. Esmt.
Utility Esmt.
Utility Esmt.
℄ Carmax Ent.
1360.12
Utility Esmt.
Utility Esmt.
Temp. Esmt.
3%
2%
2%
3%

C=47.20 R=26.62 F=0.00

100+75

100+50

Utility Esmt.
Utility Esmt.
℄ Carmax Ent.
1359.50
Utility Esmt.
Utility Esmt.
2%
2%
6%

C=101.36 R=26.67 F=0.00

100+50

100+24

℄ Carmax Ent.
Match S. Frontage Rd.
Utility Esmt.
1%
1%
1%
1%

C=317.09 R=27.47 F=0.00

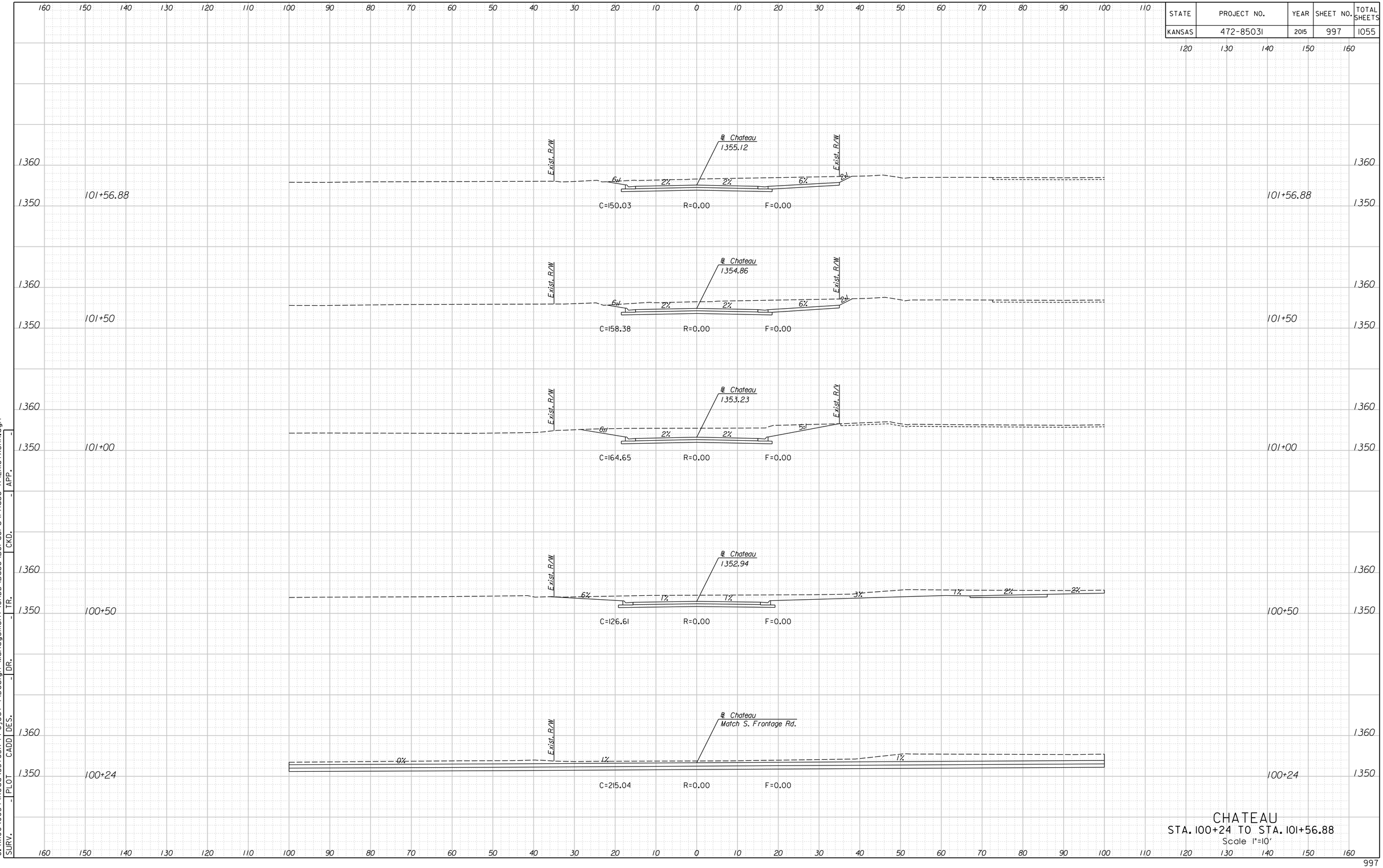
100+24

CARMAX ENT.
STA. 100+24 TO STA. 100+98
Scale 1"=10'

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	997	1055

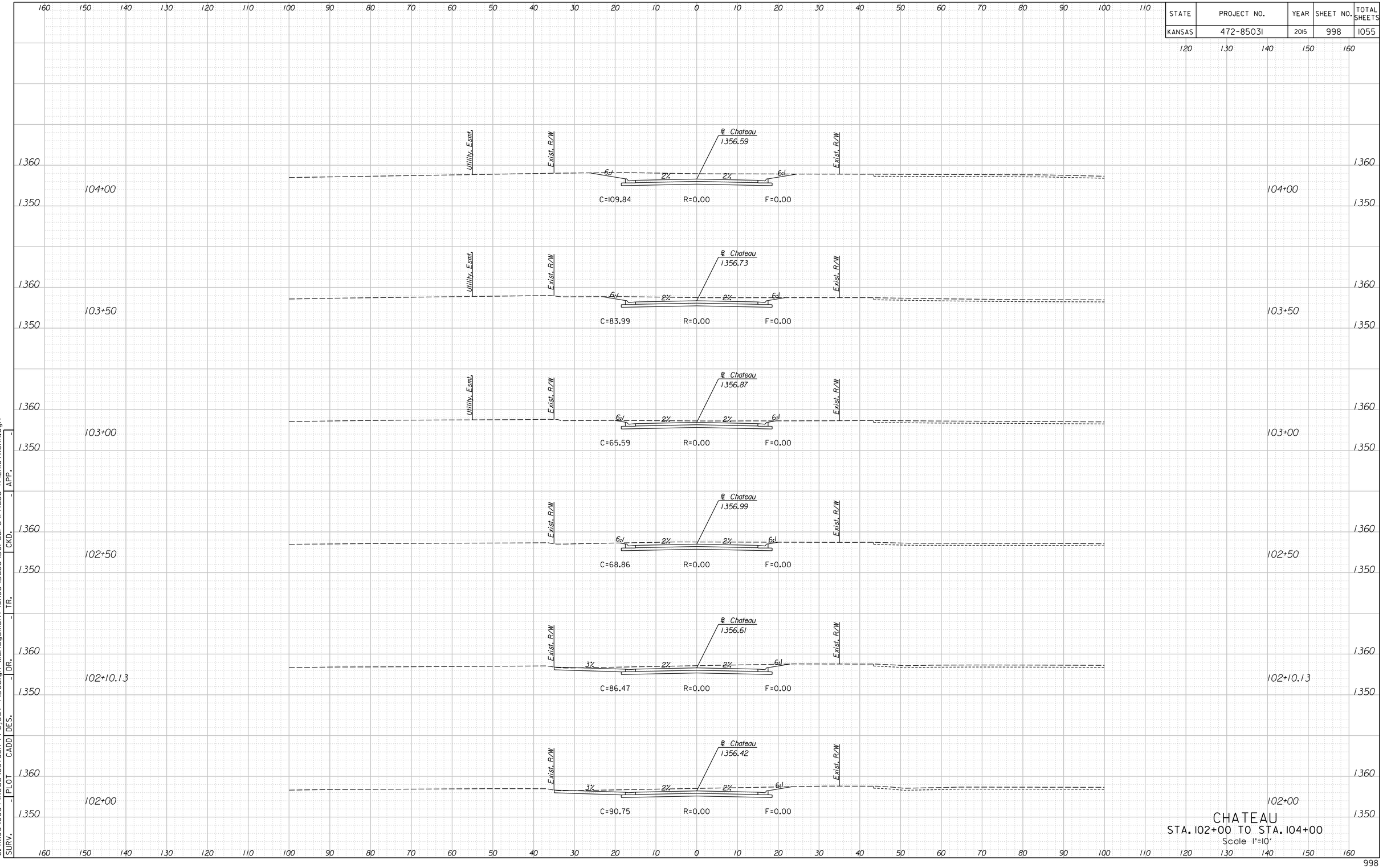


CHATEAU
STA. 100+24 TO STA. 101+56.88
Scale 1"=10'

SURV.	-	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	998	1055

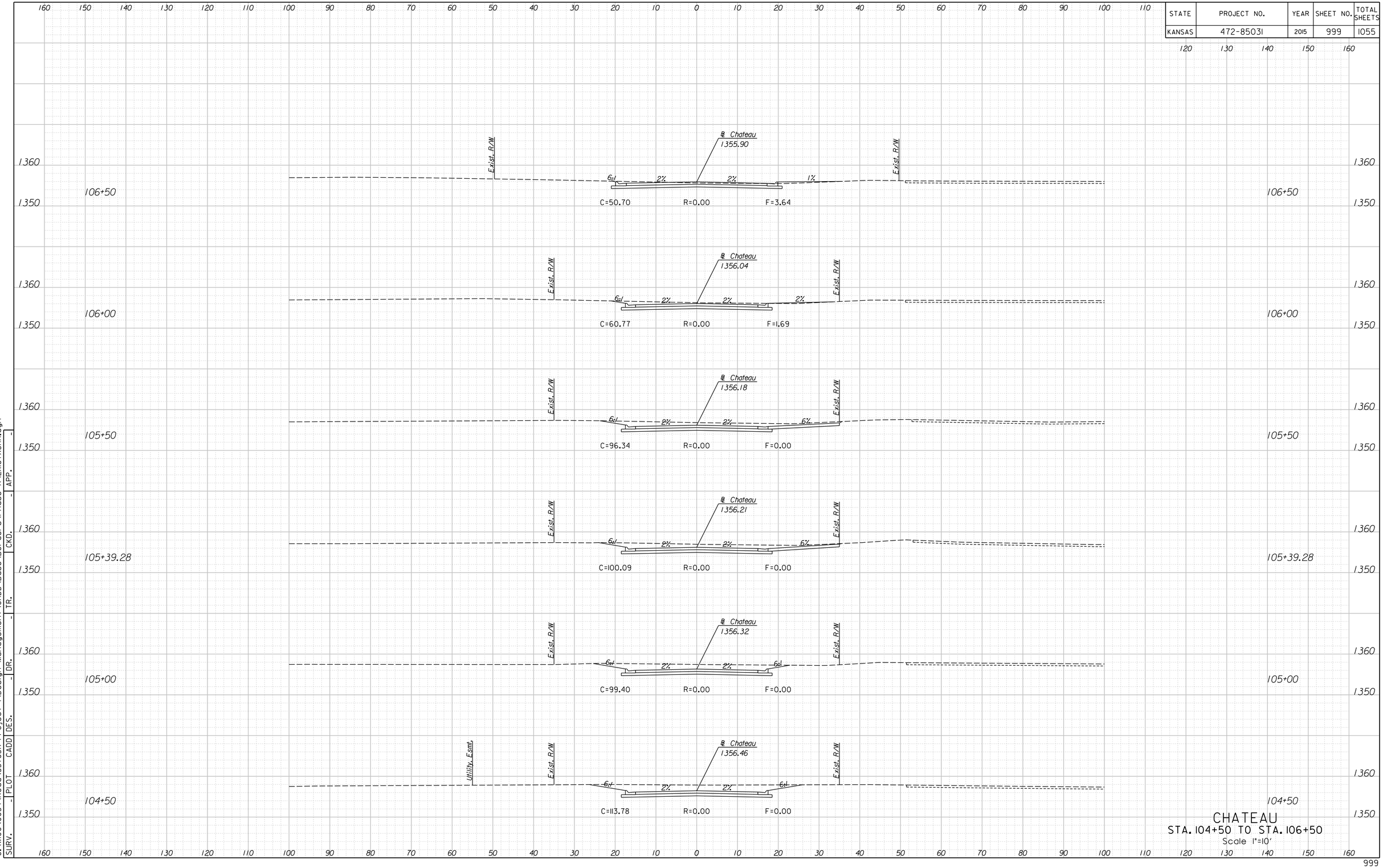


CHATEAU
STA. 102+00 TO STA. 104+00
Scale 1"=10'

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	999	1055

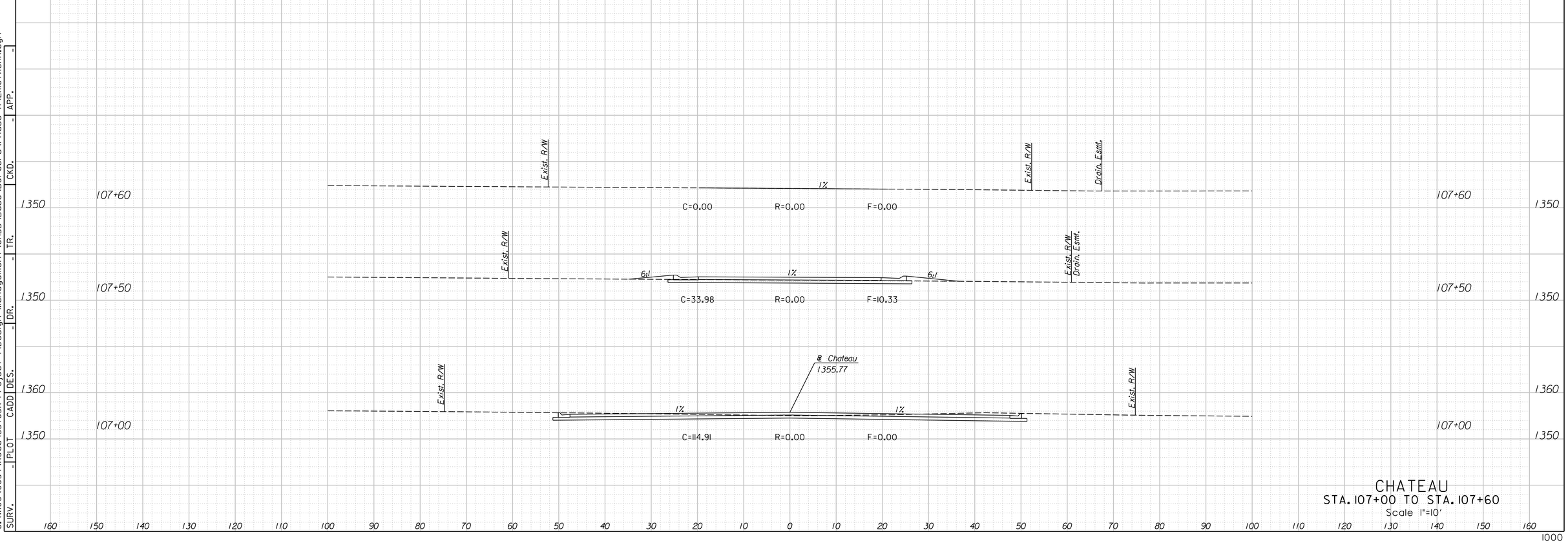


CHATEAU
STA. 104+50 TO STA. 106+50
Scale 1"=10'

SURV.	-	PLOT	CADD	DES.	DR.	-	TR.	-	CKD.	-	APP.	-

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STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1000	1055



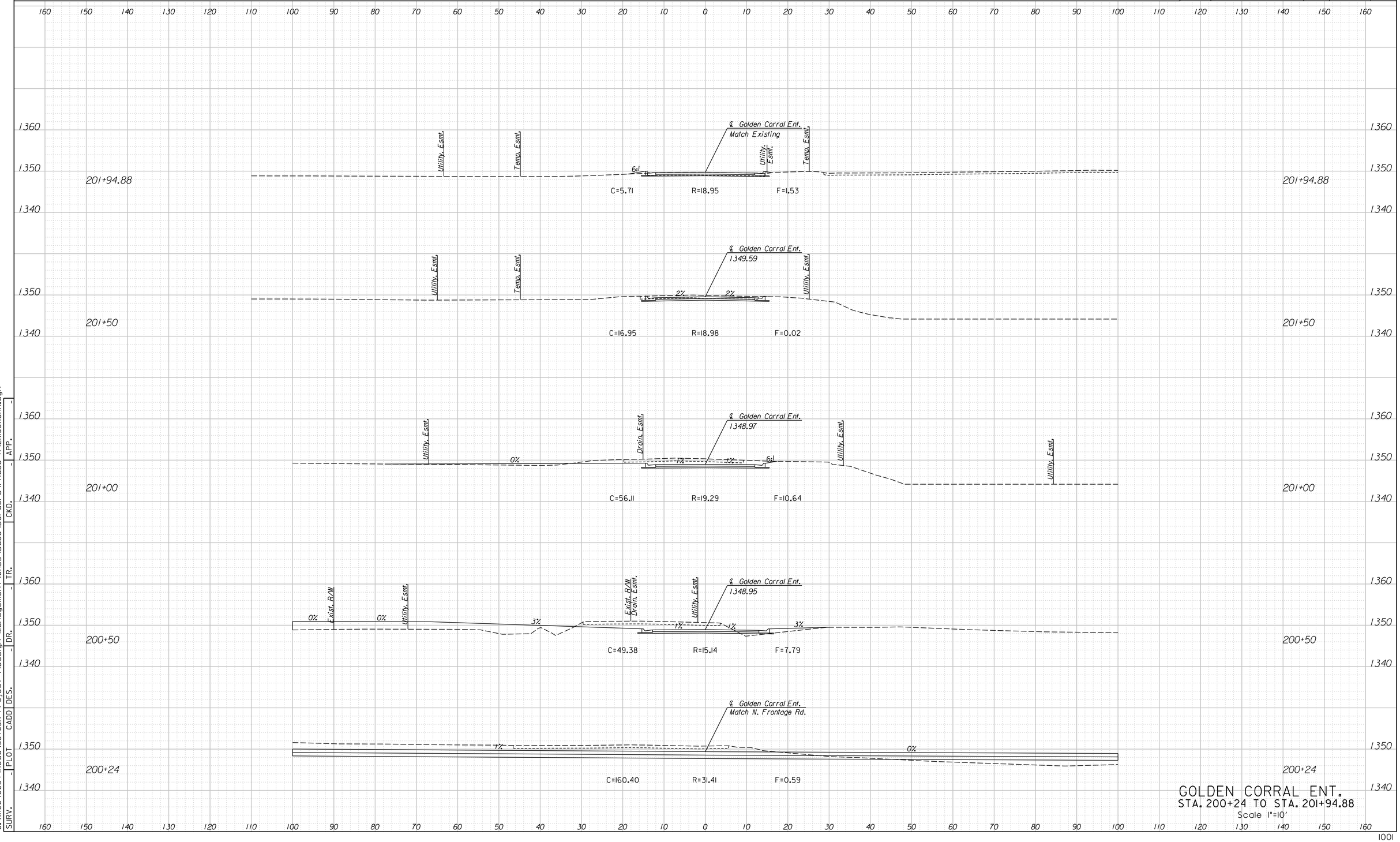
CHATEAU
STA. 107+00 TO STA. 107+60
Scale 1"=10'

SURV. - | PLOT | CADD | DES. | DR. - | TR. | CKD. - | APP. -
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1001	1055



GOLDEN CORRAL ENT.
STA. 200+24 TO STA. 201+94.88
Scale 1"=10'

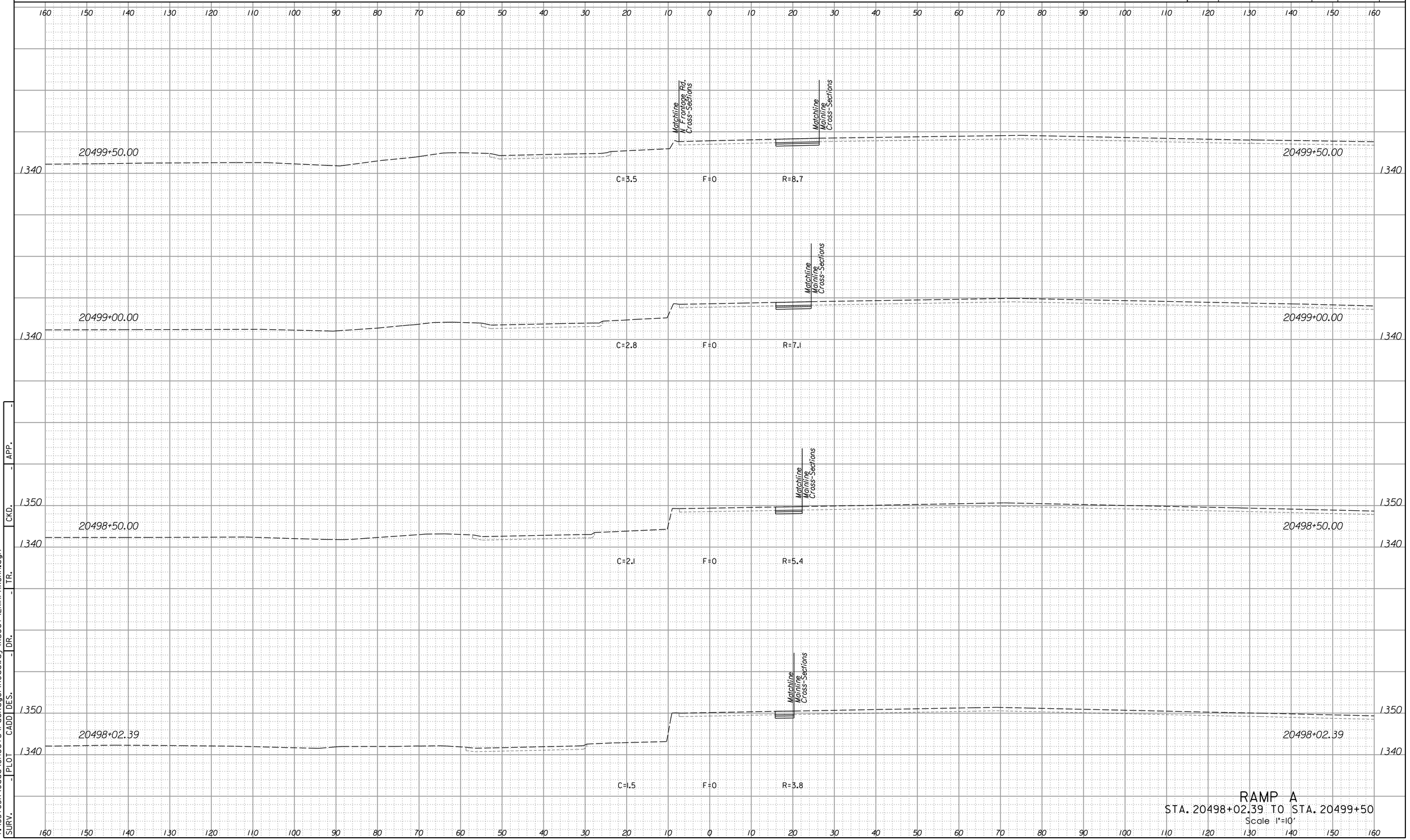
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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1002	1055



RAMP A
STA. 20498+02.39 TO STA. 20499+50
Scale 1"=10'

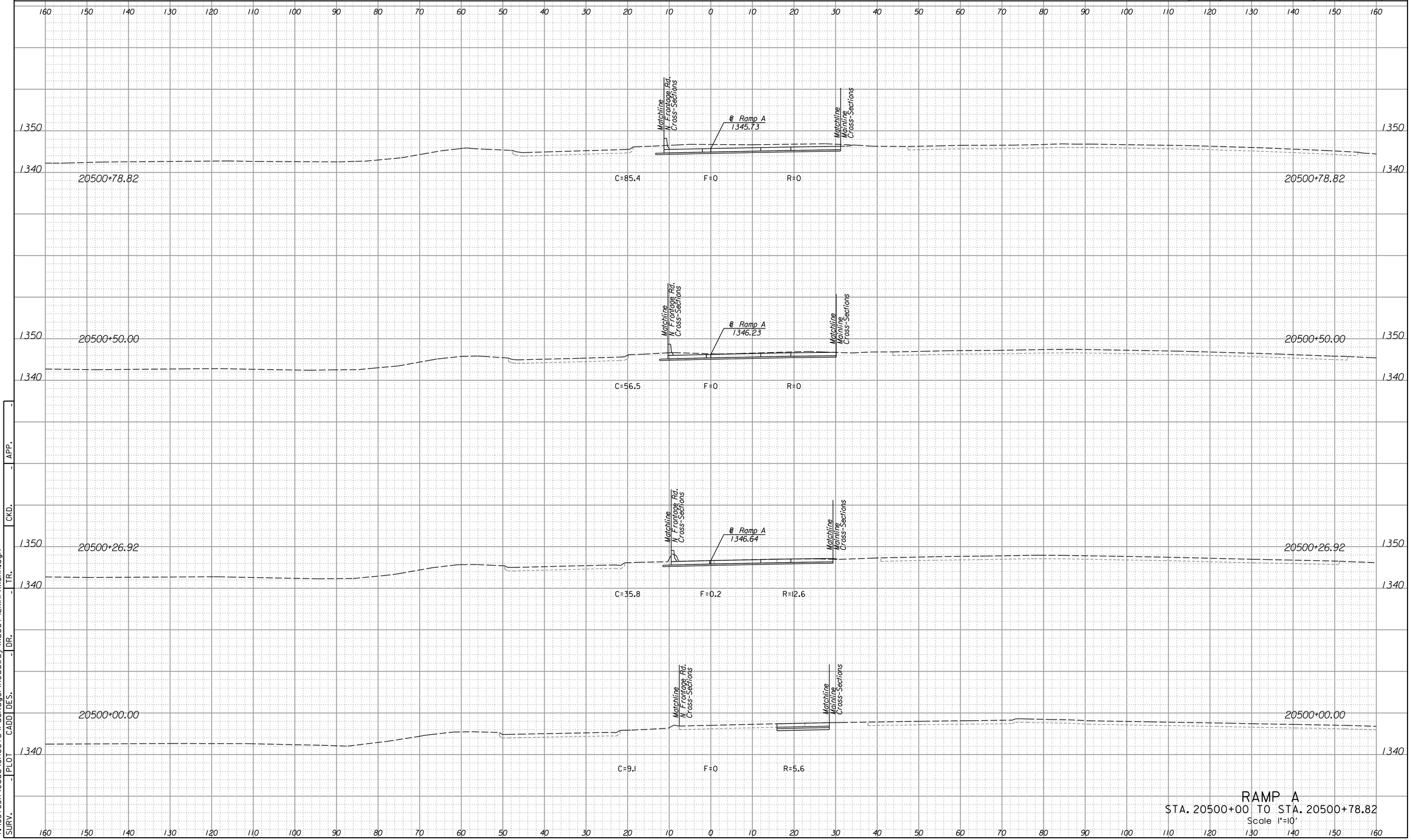
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1003	1055



RAMP A
STA. 20500+00 TO STA. 20500+78.82
Scale 1"=10'

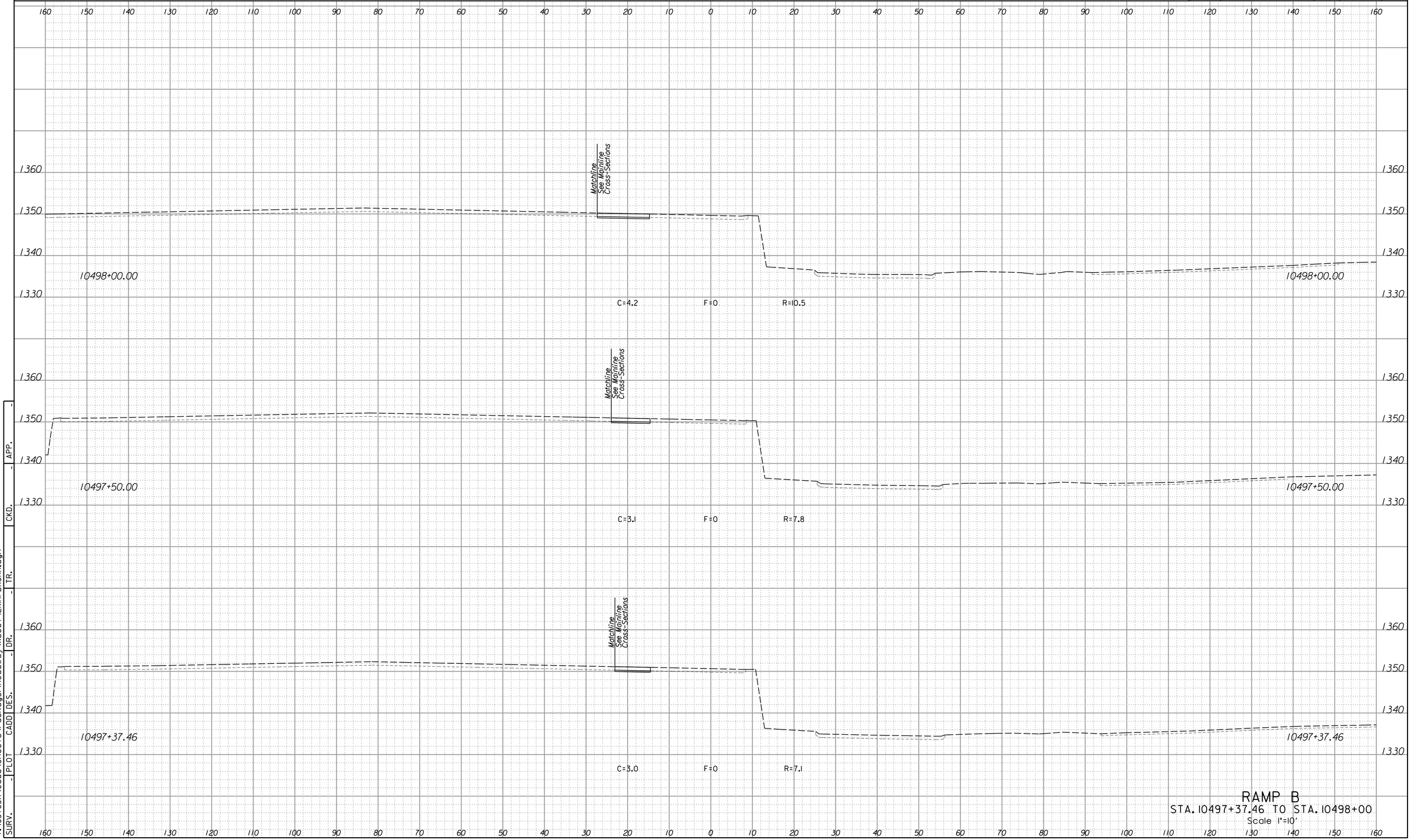
SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1004	1055



RAMP B

STA. 10497+37.46 TO STA. 10498+00

Scale 1"=10'

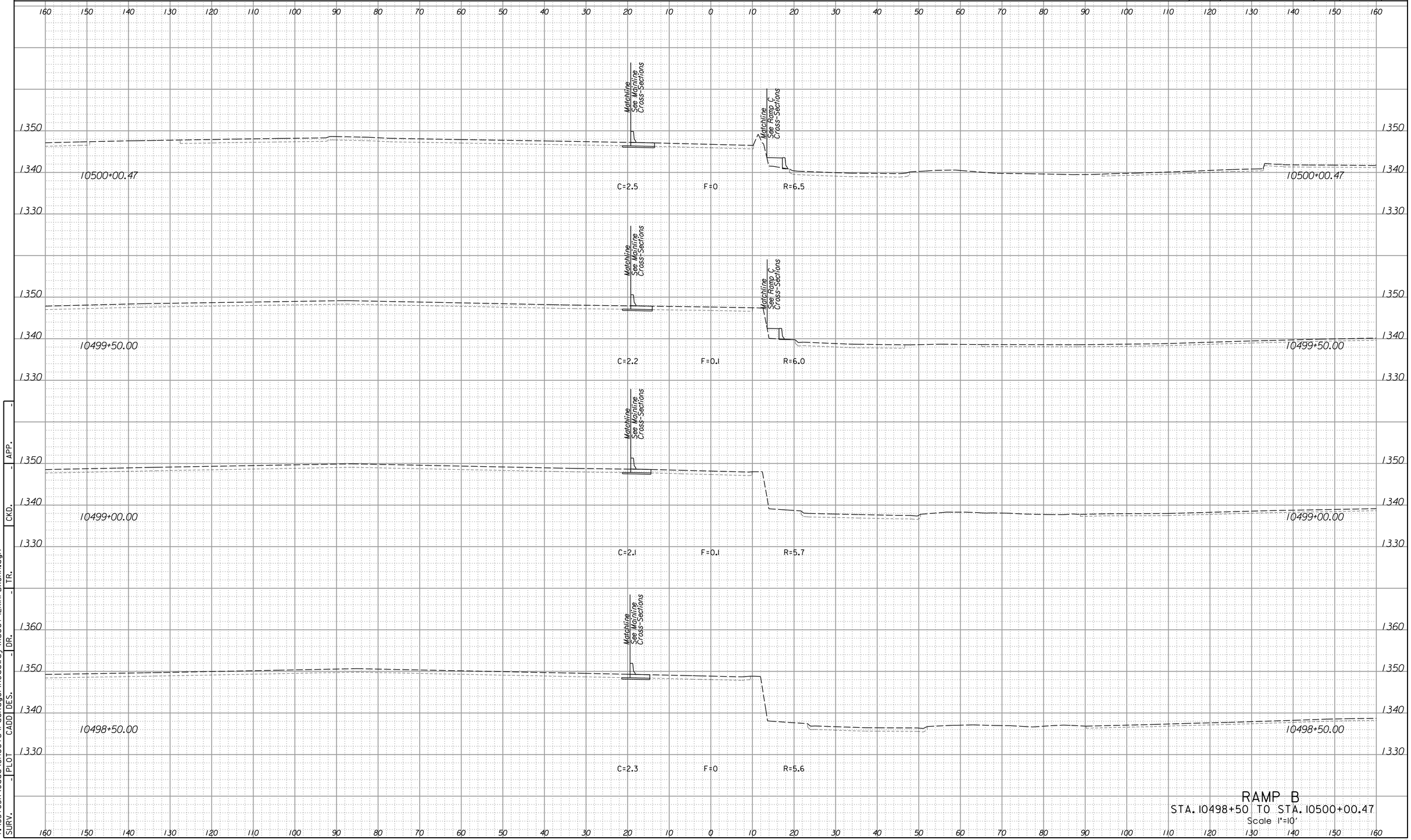
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1005	1055



RAMP B

STA. 10498+50 TO STA. 10500+00.47

Scale 1"=10'

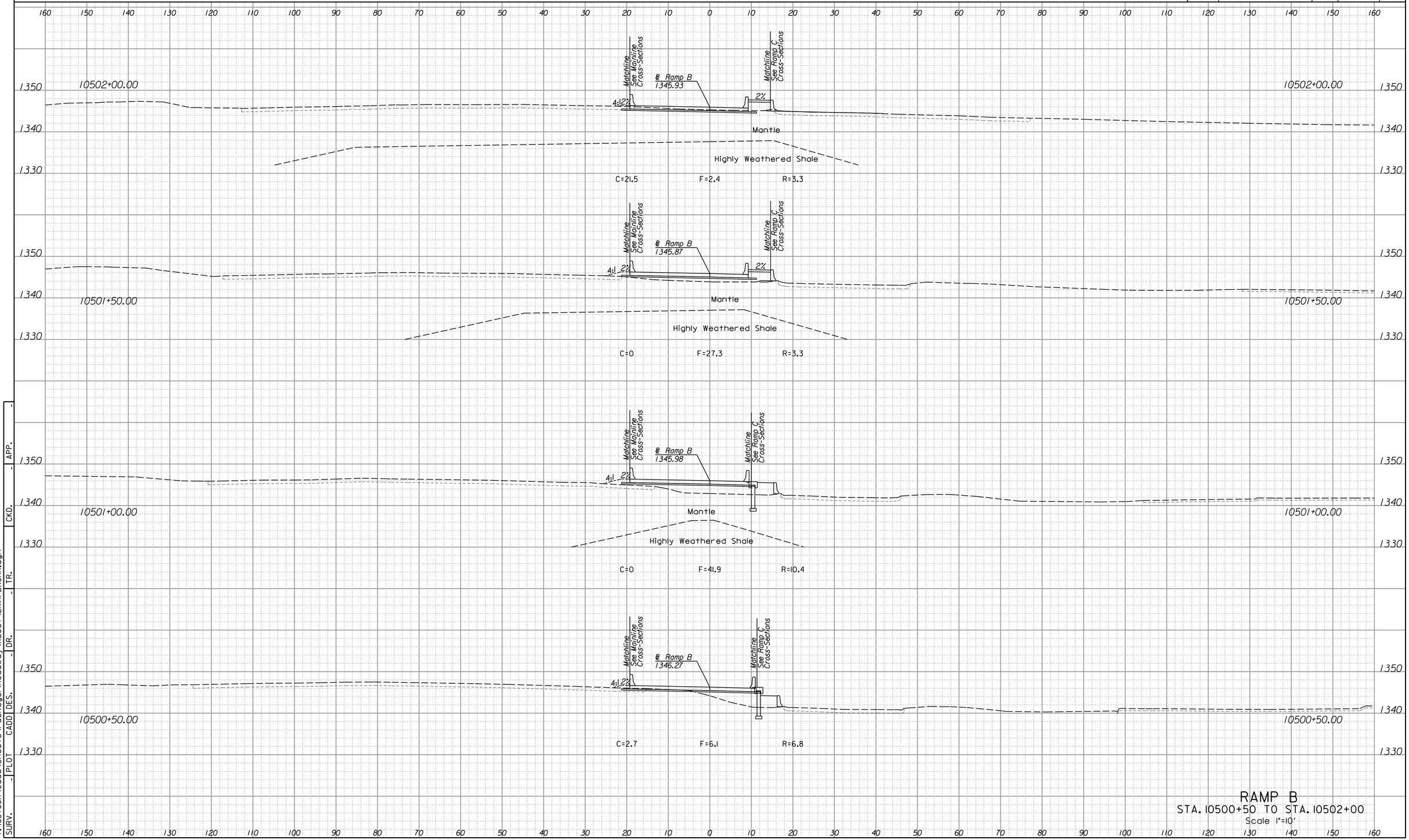
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SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1006	1055



SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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RAMP B

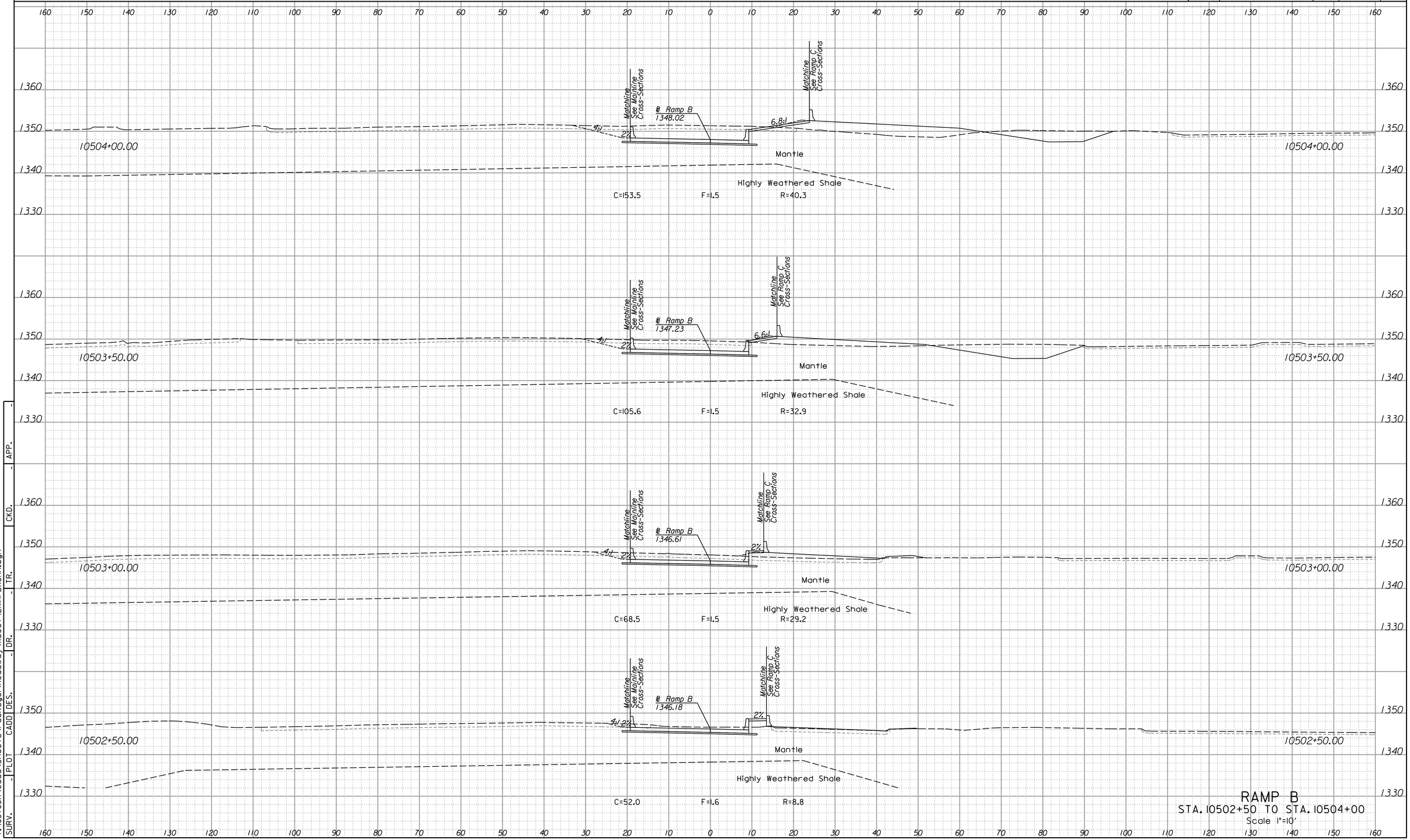
STA. 10500+50 TO STA. 10502+00

Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1007	1055



RAMP B
STA. 10502+50 TO STA. 10504+00
Scale 1"=10'

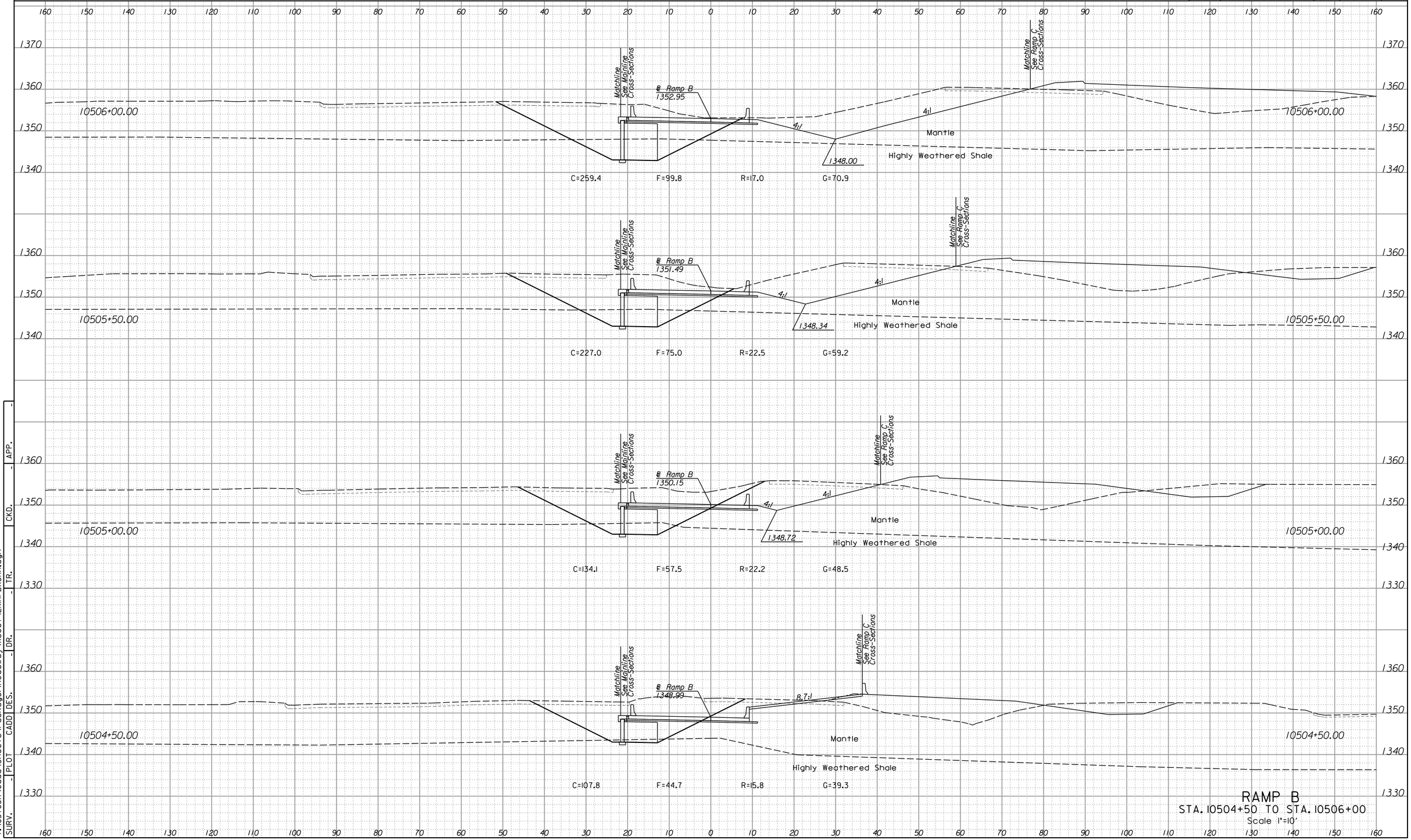
SURV. | PLOT | CADD | DES. | DR. | - | TR. | - | CKD. | - | APP. | -

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1008	1055



RAMP B
STA. 10504+50 TO STA. 10506+00
Scale 1"=10'

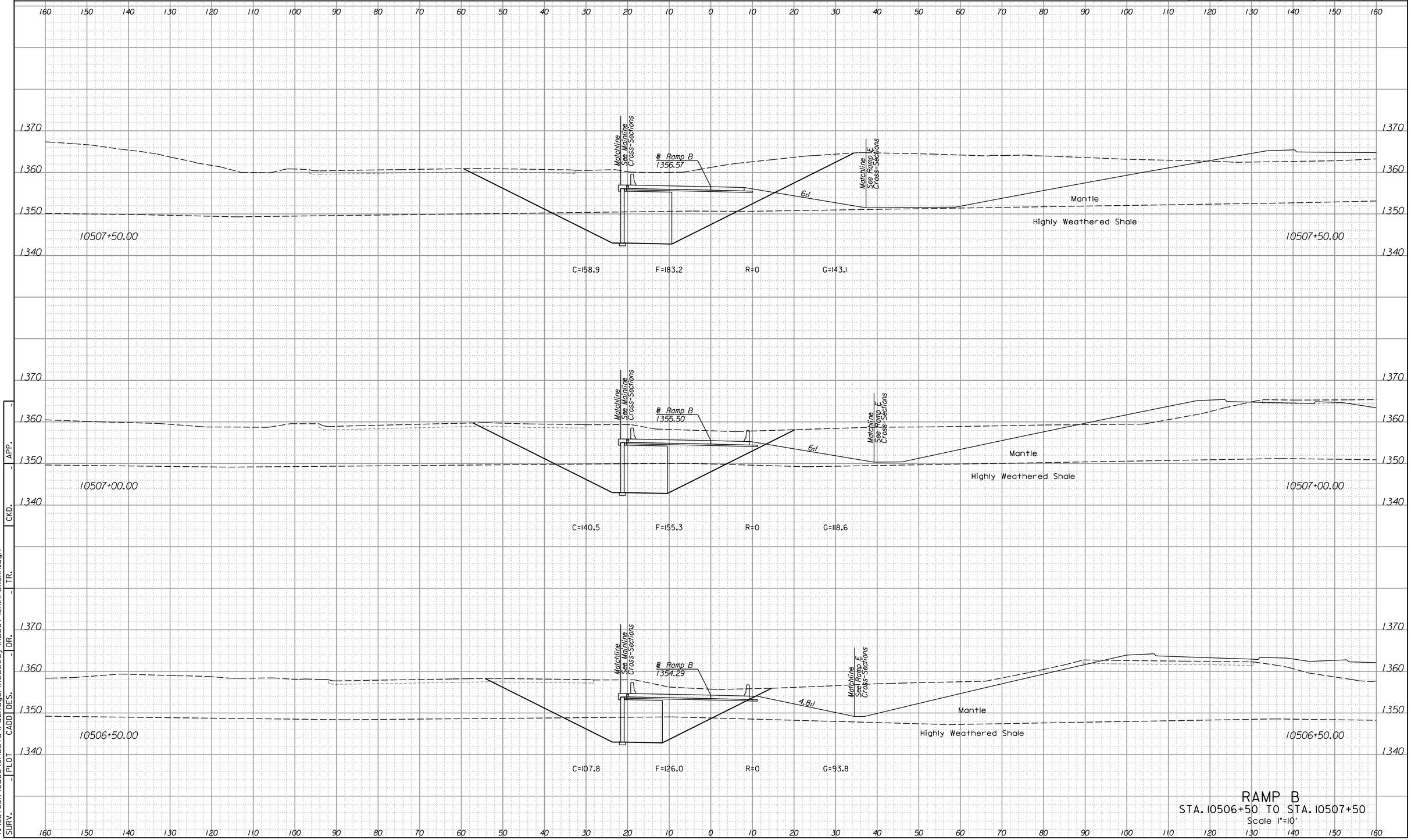
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1009	1055



RAMP B

STA. 10506+50 TO STA. 10507+50

Scale 1"=10'

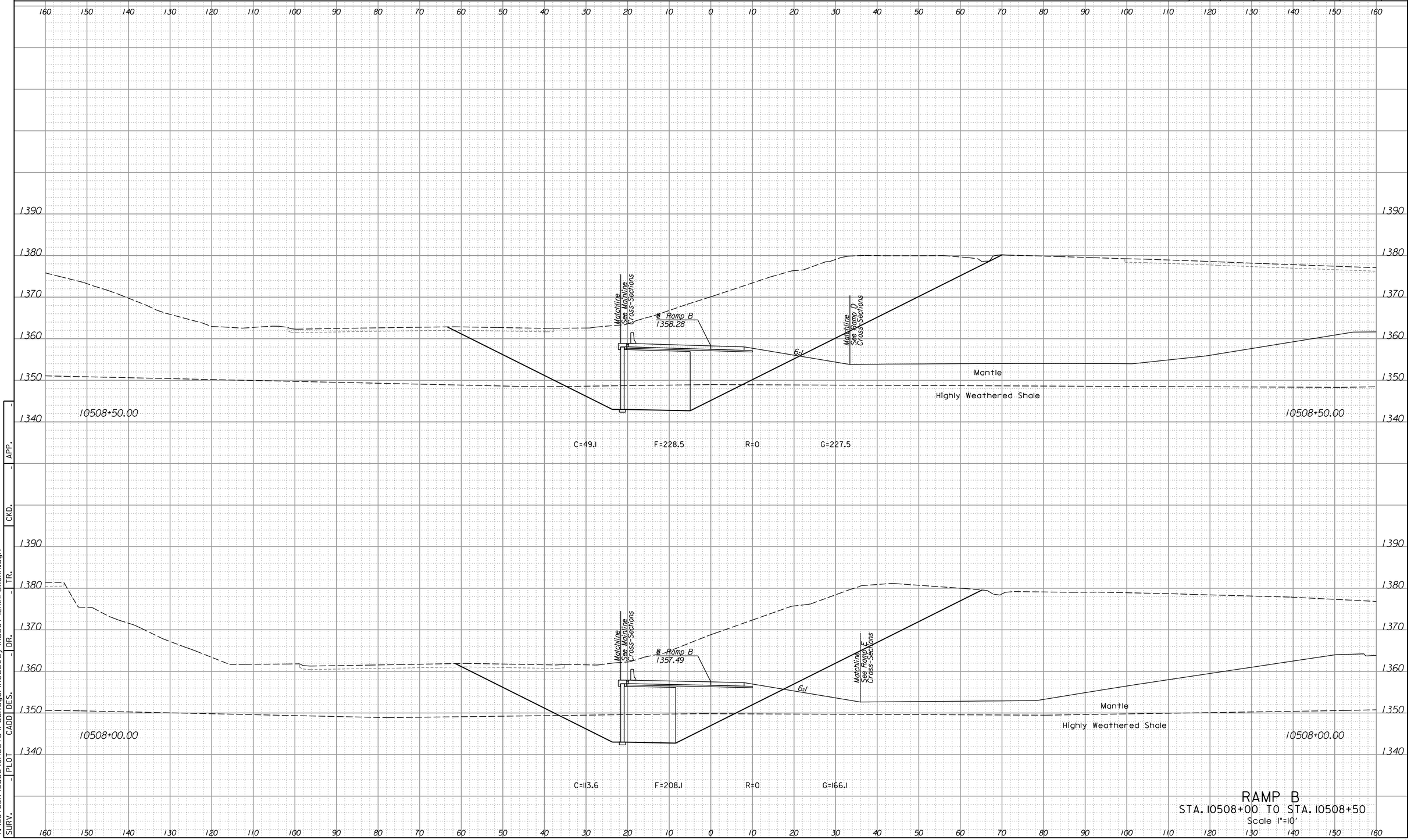
SURV.	PLOT	CADD	DES.	DR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1010	1055



RAMP B
STA. 10508+00 TO STA. 10508+50
Scale 1"=10'

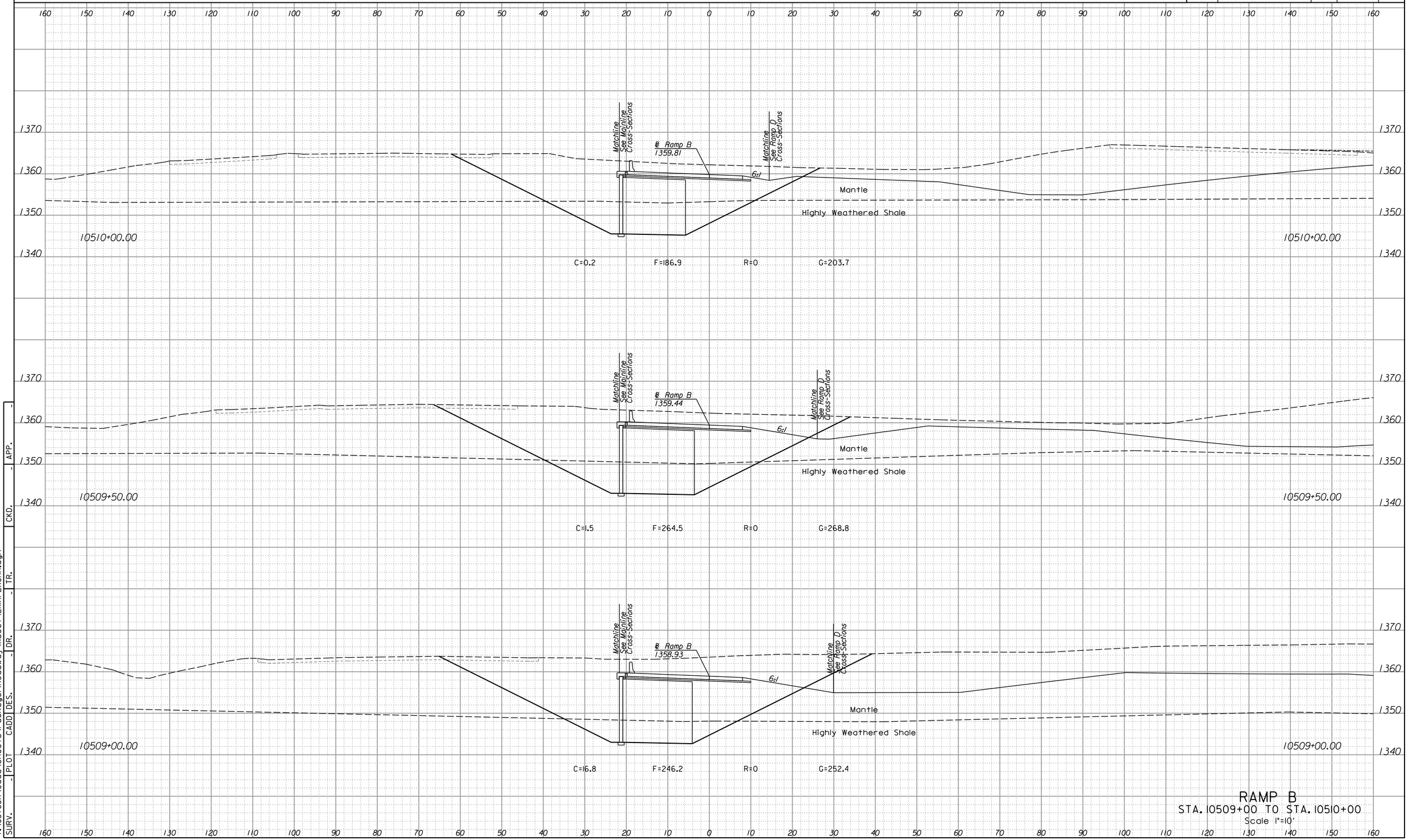
APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1011	1055



RAMP B
STA. 10509+00 TO STA. 10510+00
Scale 1"=10'

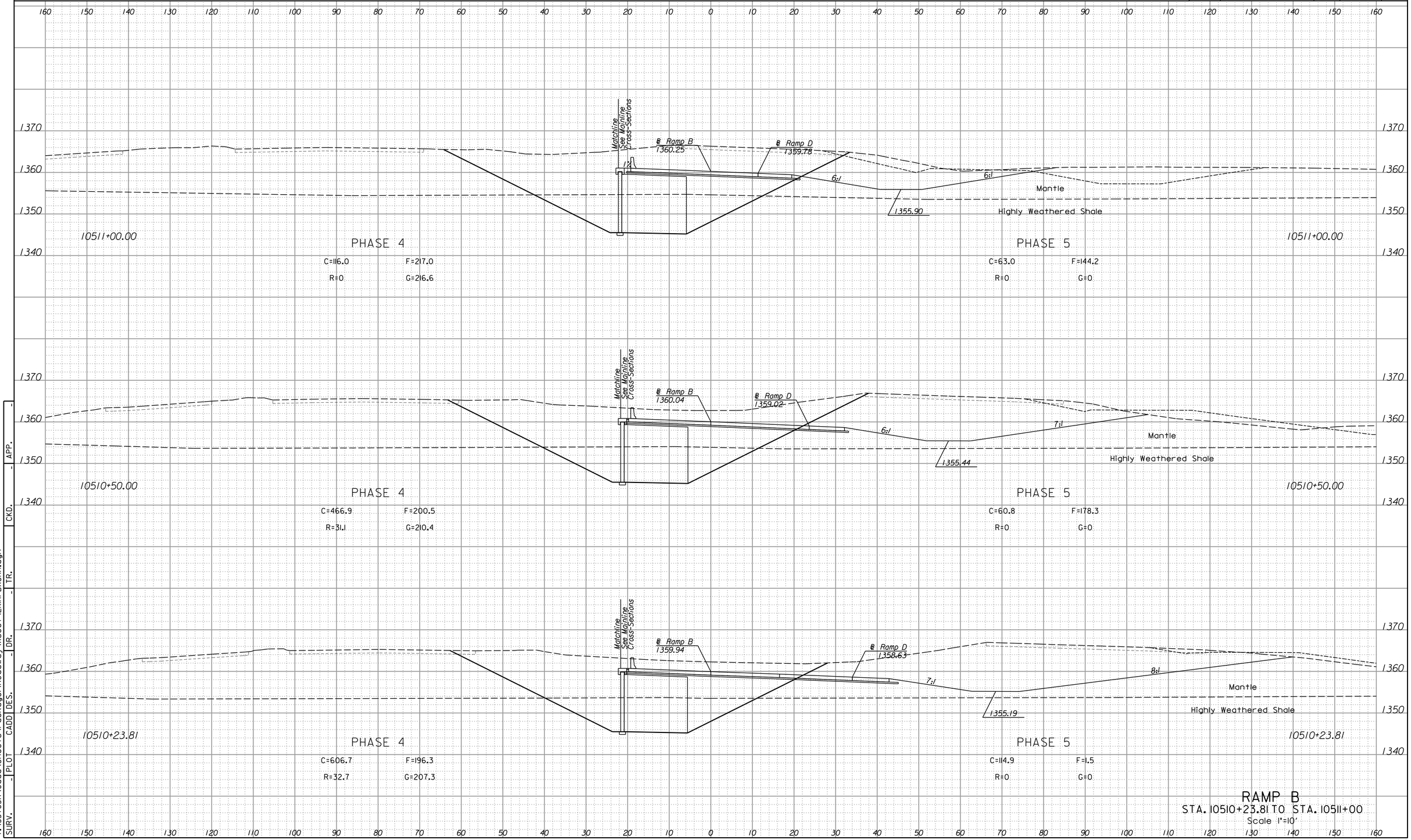
PLOT | CADD | DES. | DR. | TR. | CKD. | APP. | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1012	1055



RAMP B

STA. 10510+23.81 TO STA. 10511+00

Scale 1"=10'

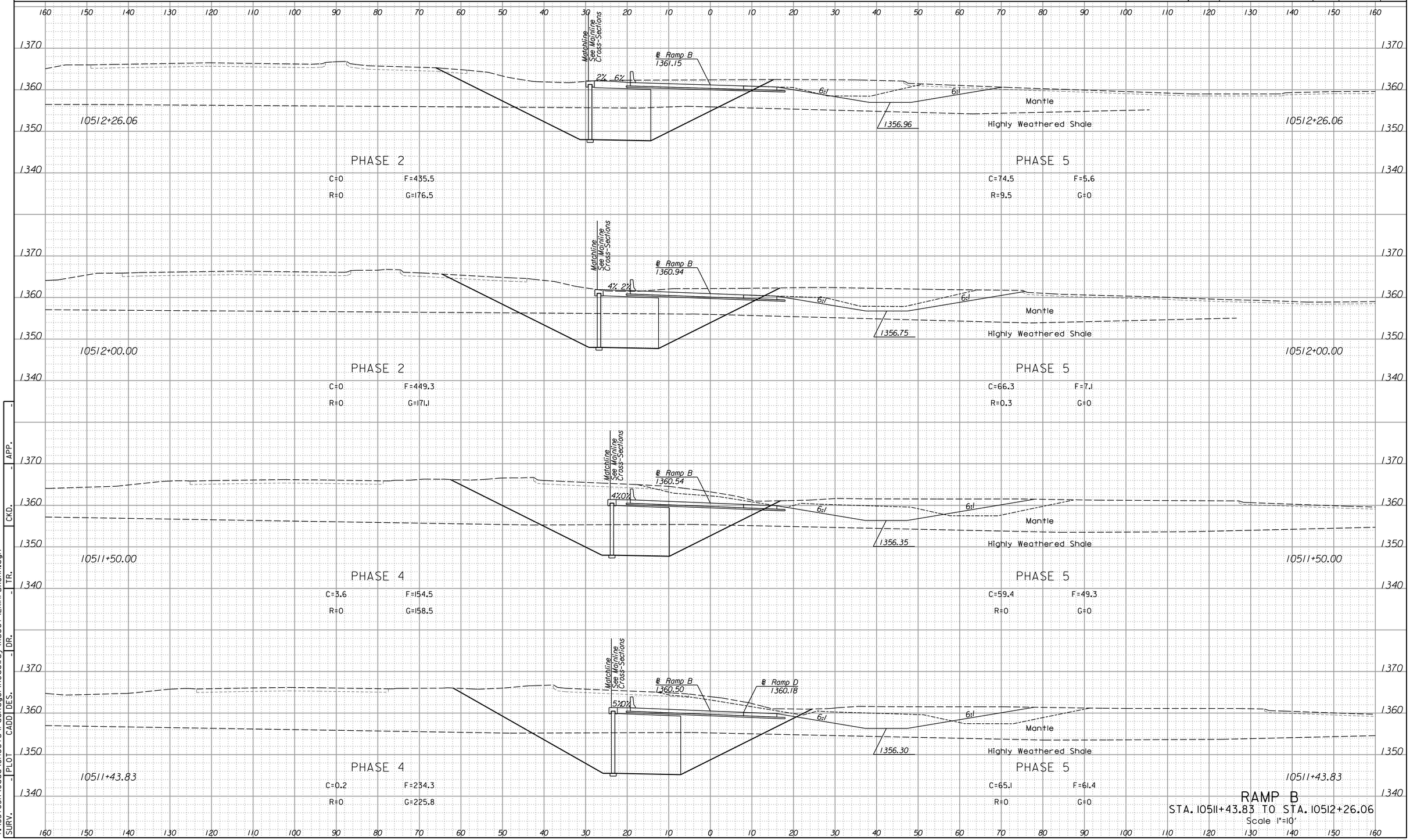
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ——— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1013	1055



RAMP B
STA. 10511+43.83 TO STA. 10512+26.06
Scale 1"=10'

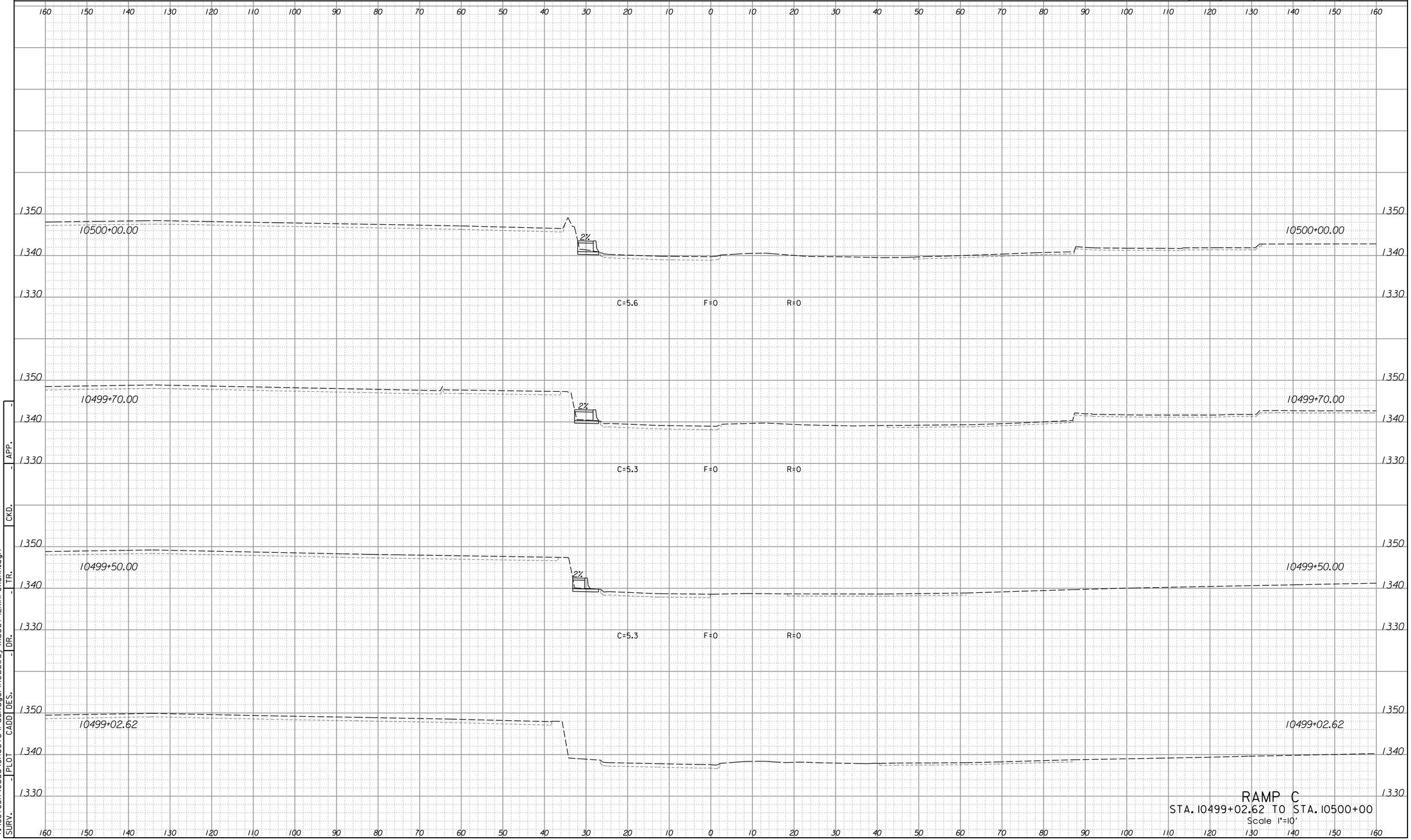
APP. | CKD. | DR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1014	1055



RAMP C
STA. 10499+02.62 TO STA. 10500+00
Scale 1"=10'

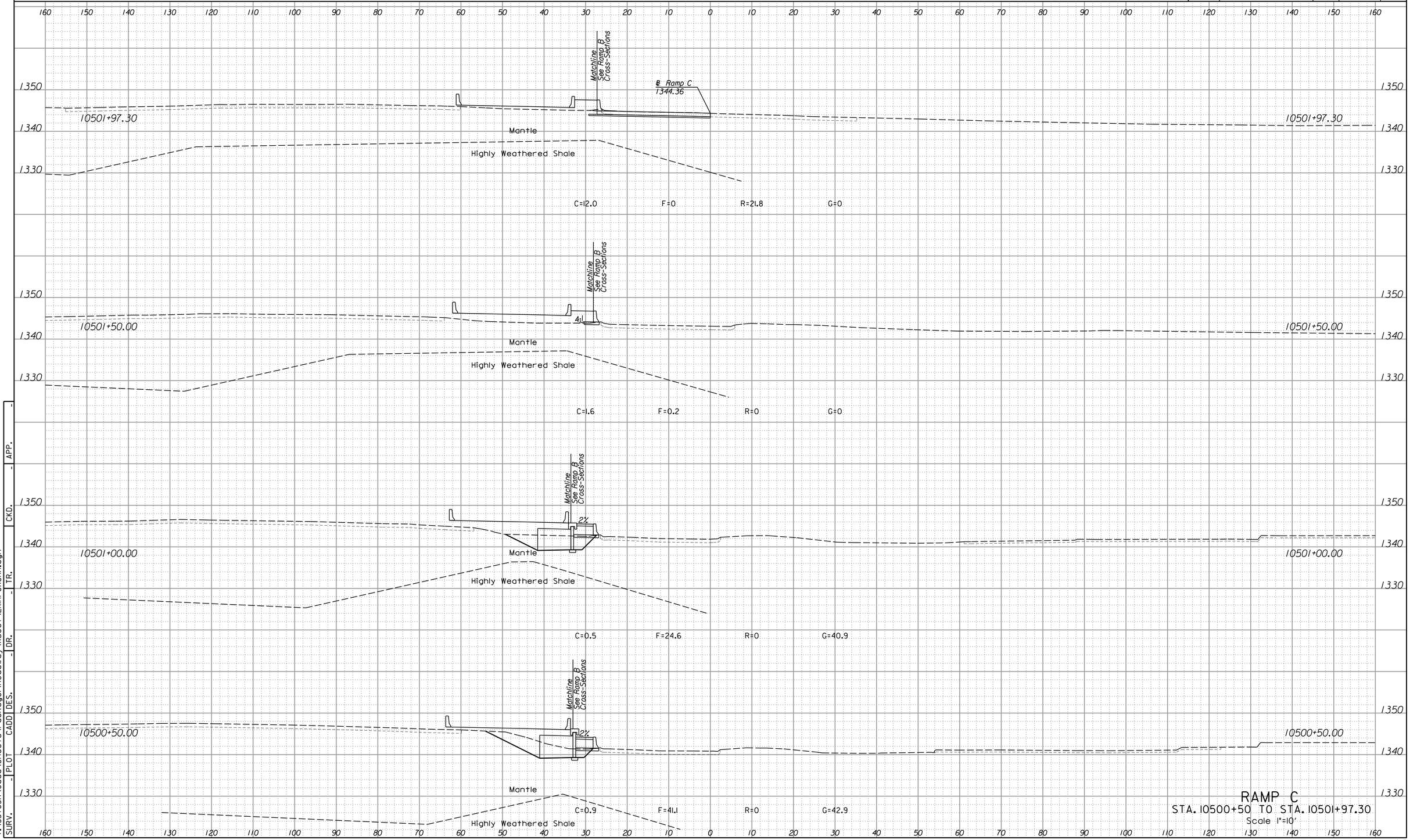
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1015	1055



RAMP C
STA. 10500+50 TO STA. 10501+97.30
Scale 1"=10'

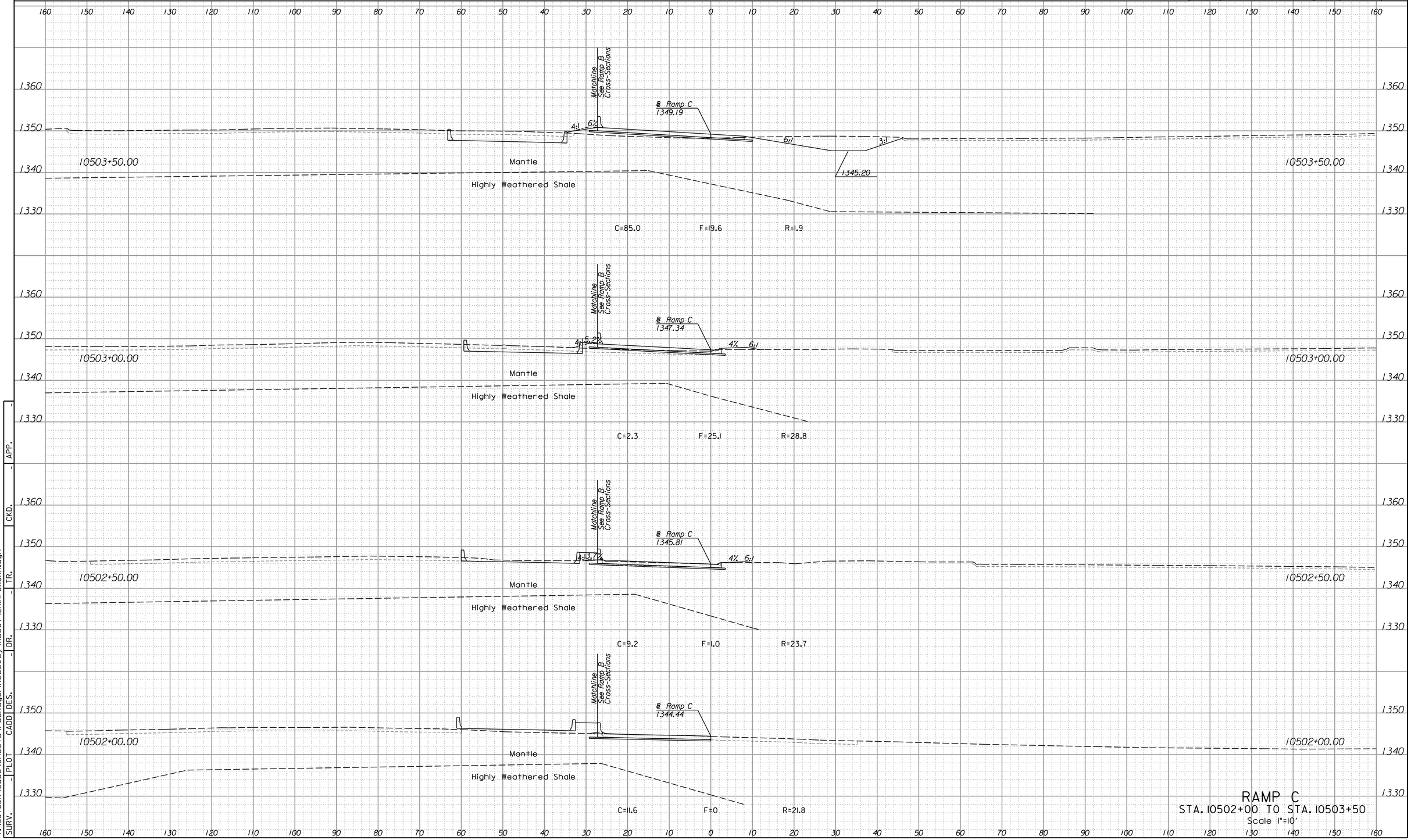
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1016	1055



RAMP C
STA. 10502+00 TO STA. 10503+50
Scale 1"=10'

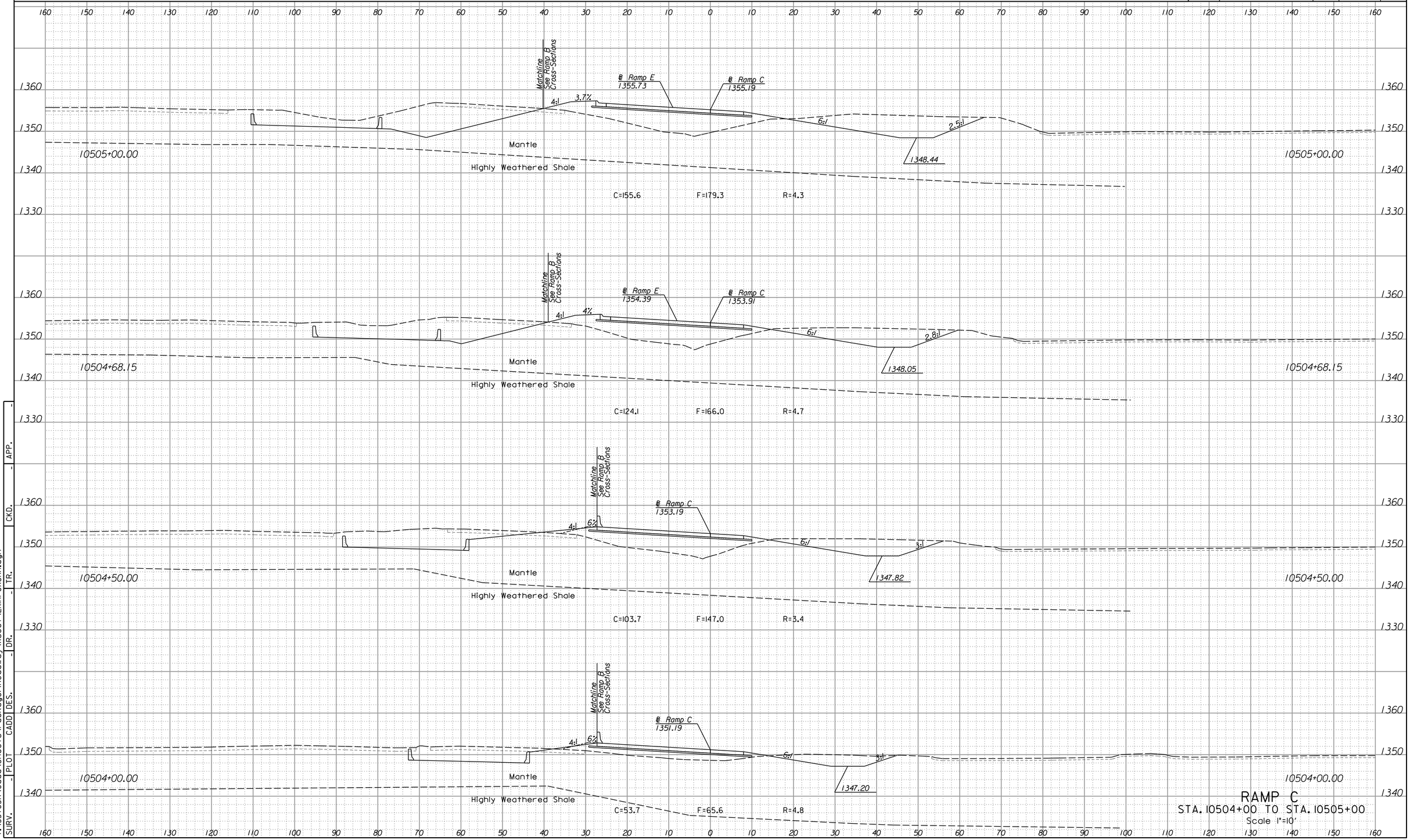
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1017	1055



RAMP C
STA. 10504+00 TO STA. 10505+00
Scale 1"=10'

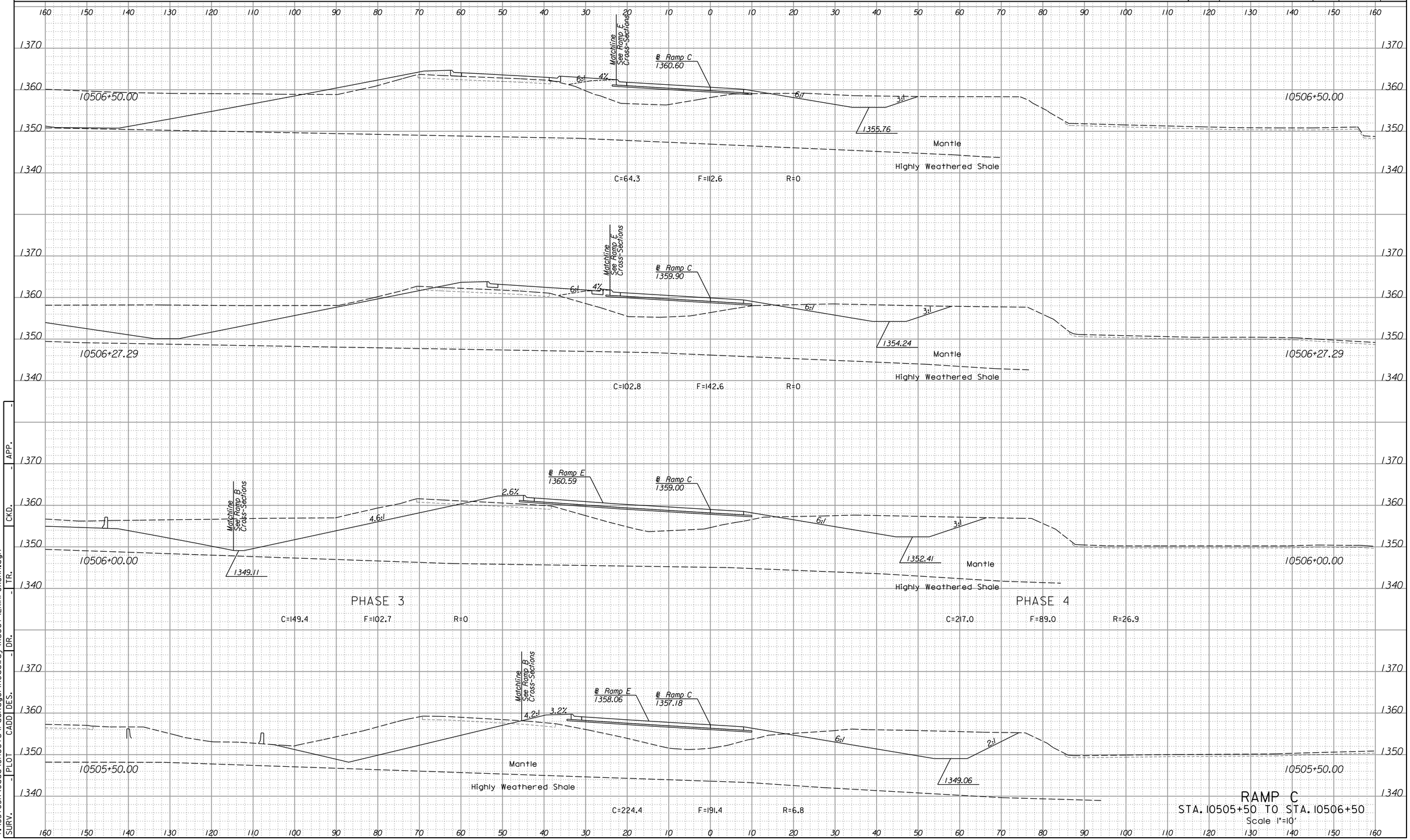
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1018	1055



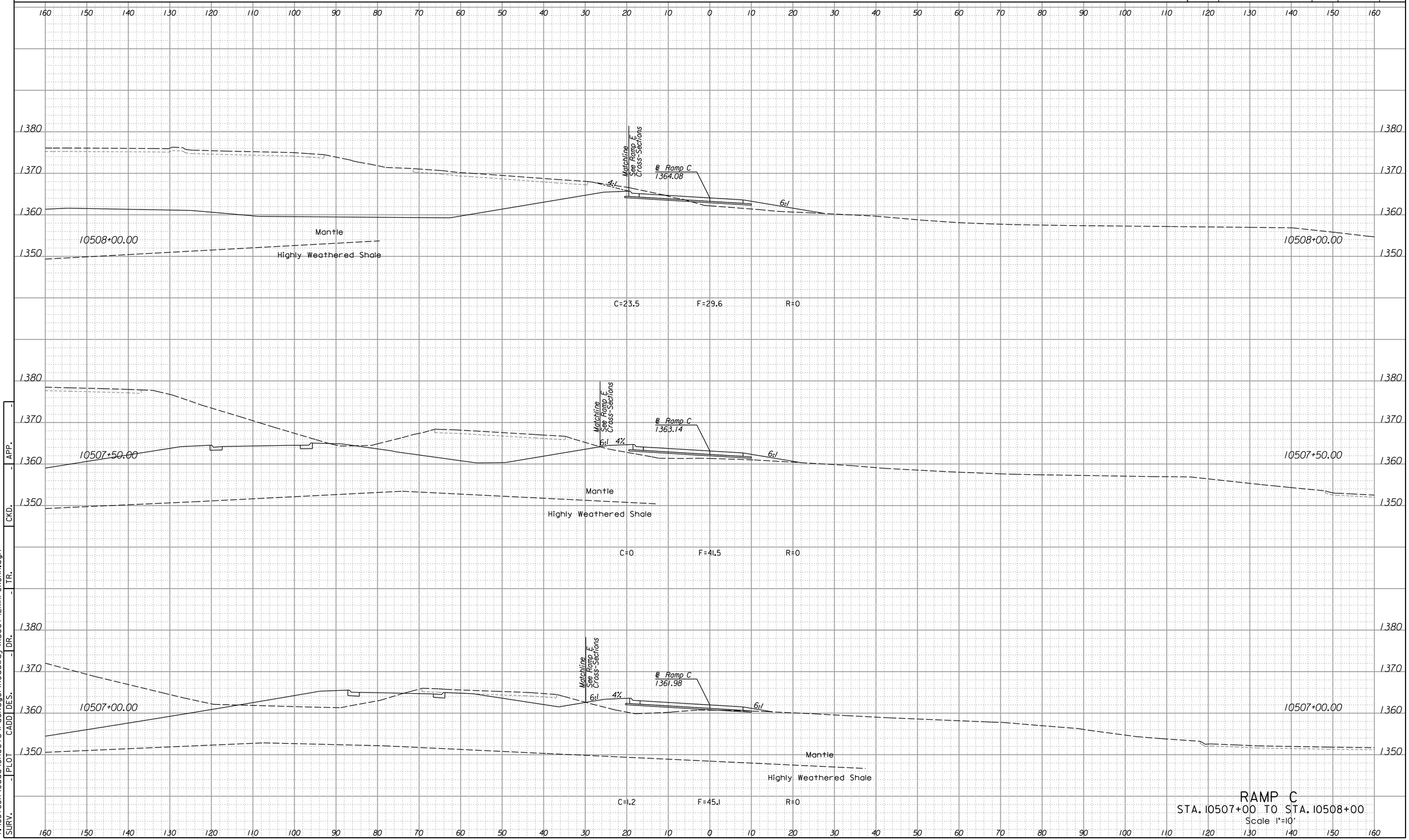
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SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1019	1055



RAMP C
STA. 10507+00 TO STA. 10508+00
Scale 1"=10'

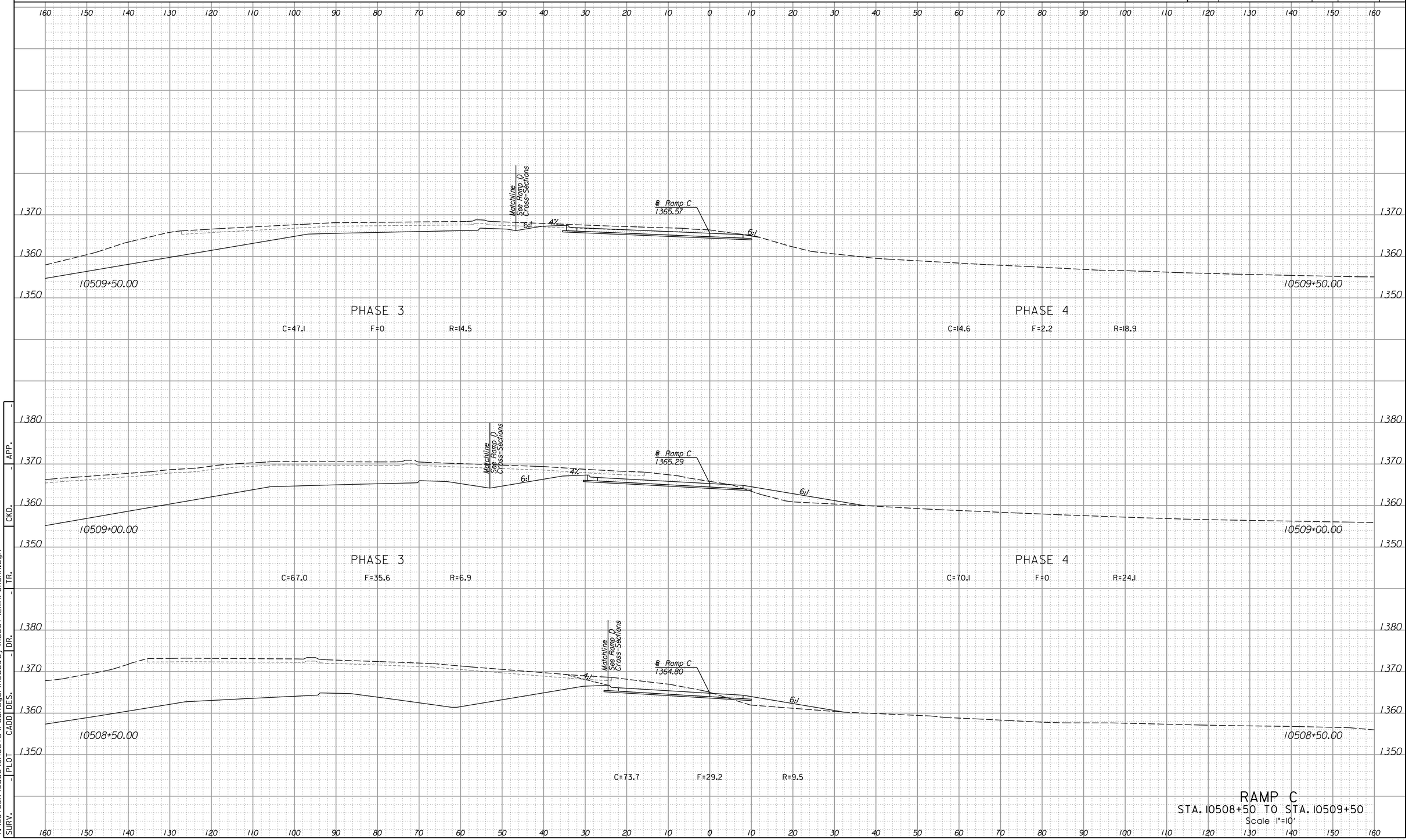
SURV.	PLOT	CADD	DES.	DR.	CKD.	TR.	APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1020	1055



RAMP C

STA. 10508+50 TO STA. 10509+50

Scale 1"=10'

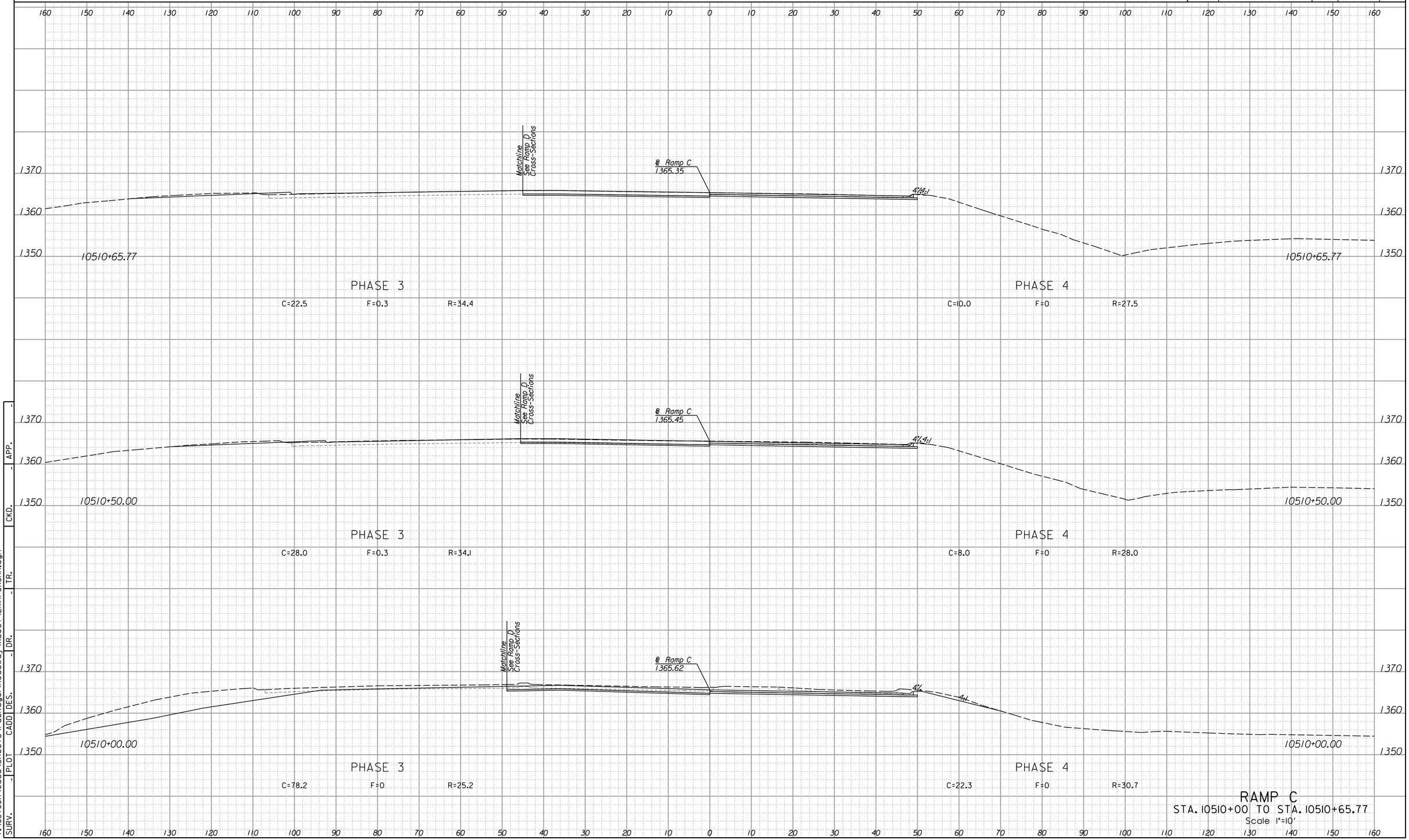
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1021	1055



RAMP C

STA. 10510+00 TO STA. 10510+65.77

Scale 1"=10'

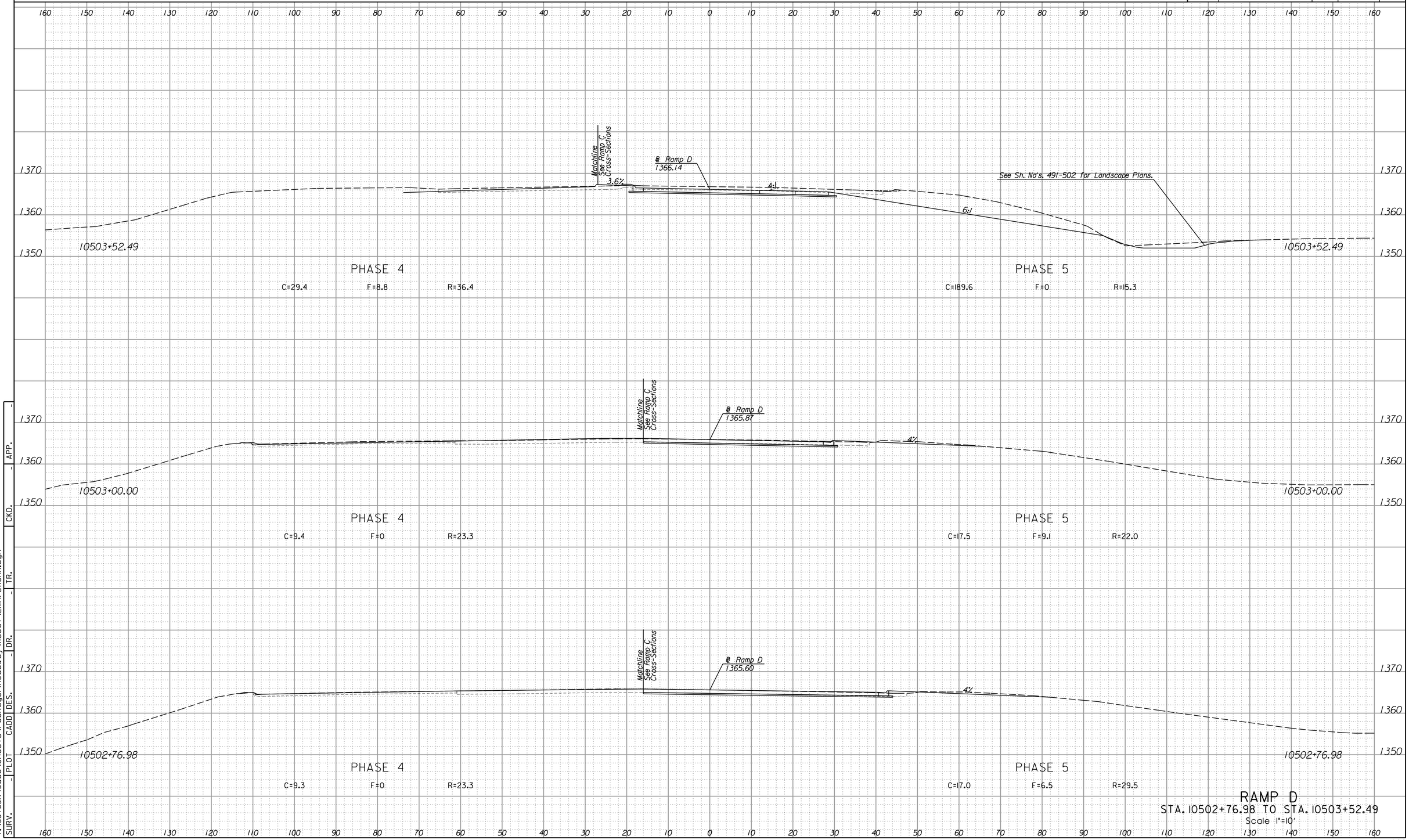
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1022	1055



RAMP D

STA. 10502+76.98 TO STA. 10503+52.49

Scale 1"=10'

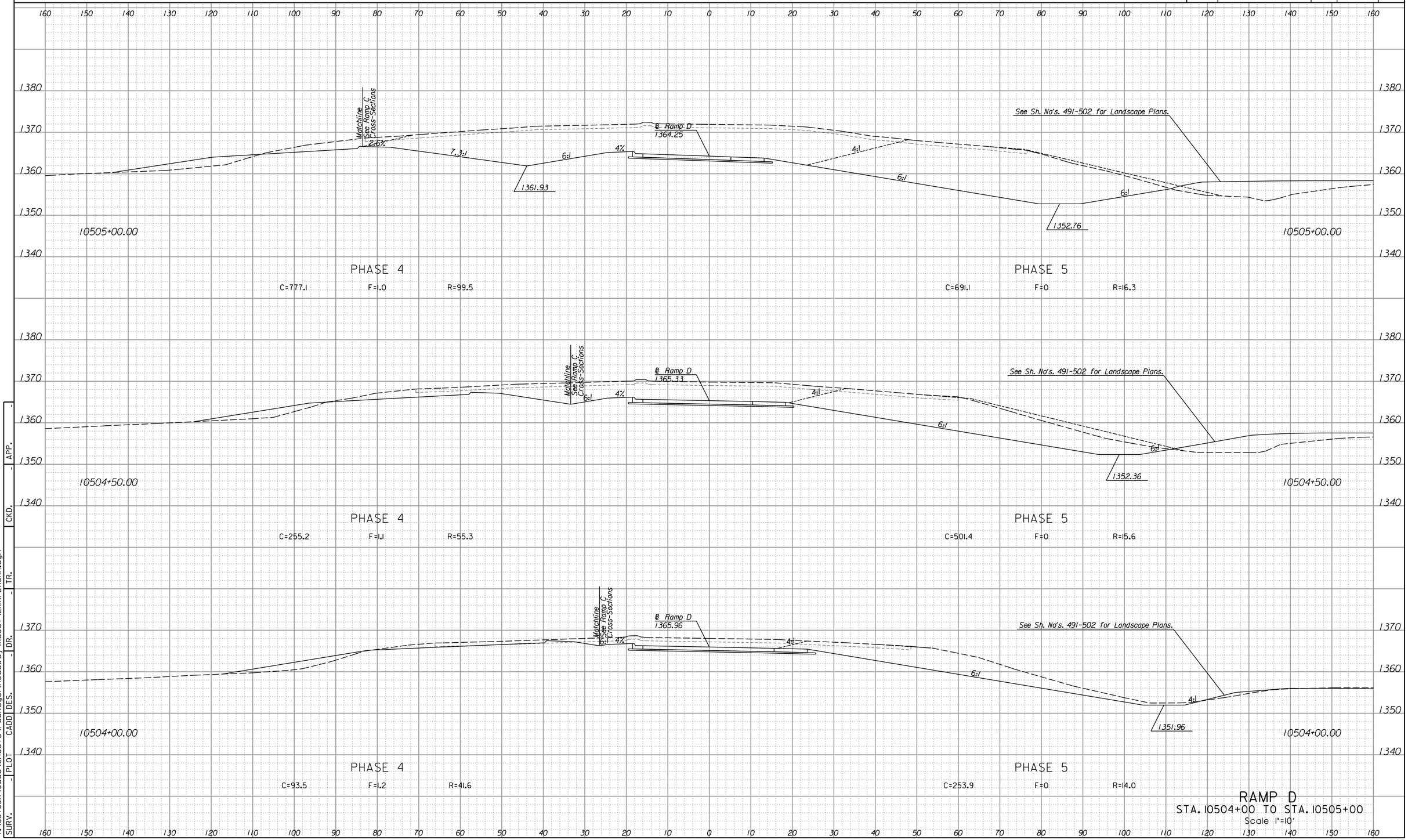
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1023	1055



RAMP D

STA. 10504+00 TO STA. 10505+00

Scale 1"=10'

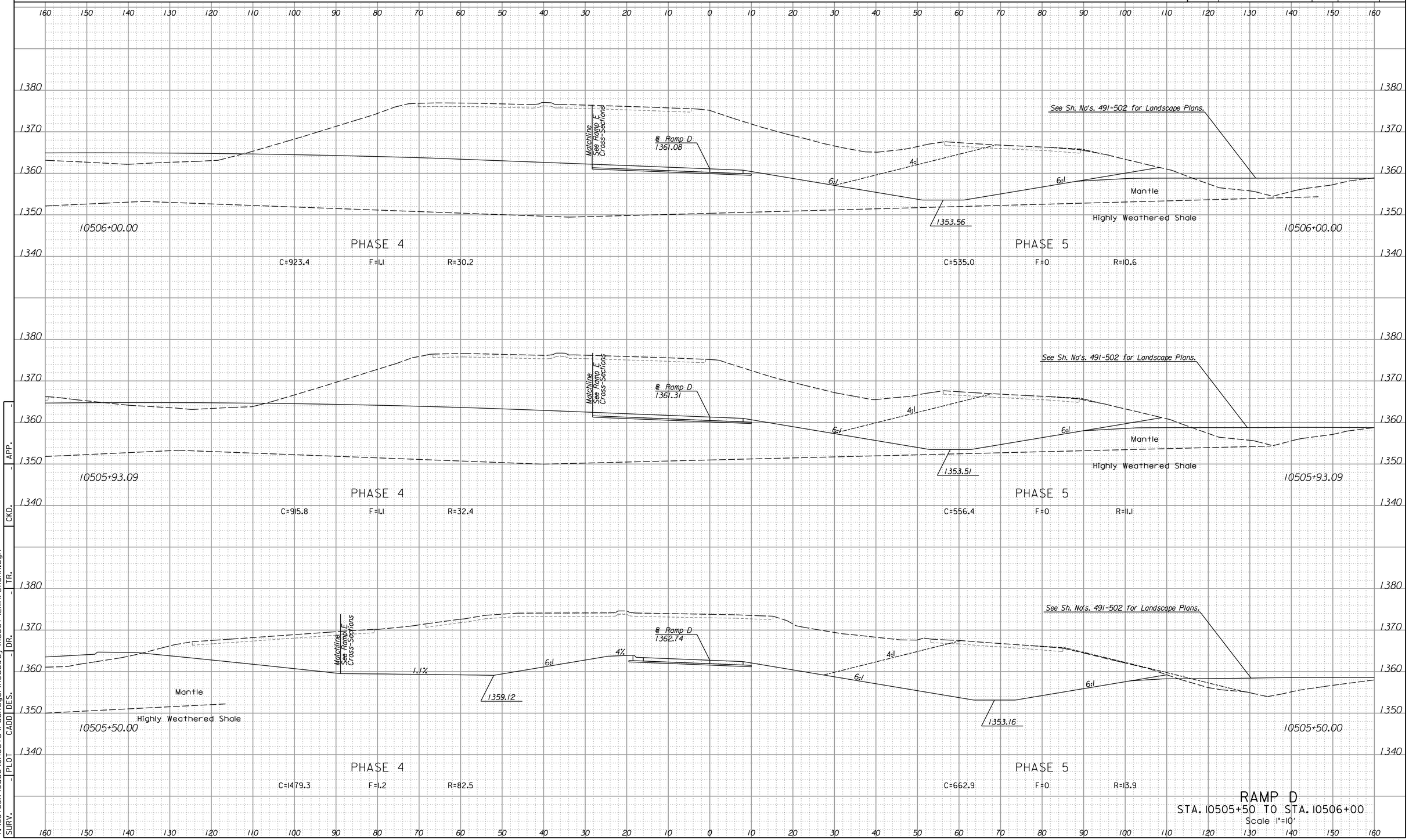
PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
SURV.						

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement ------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1024	1055



RAMP D
STA. 10505+50 TO STA. 10506+00
Scale 1"=10'

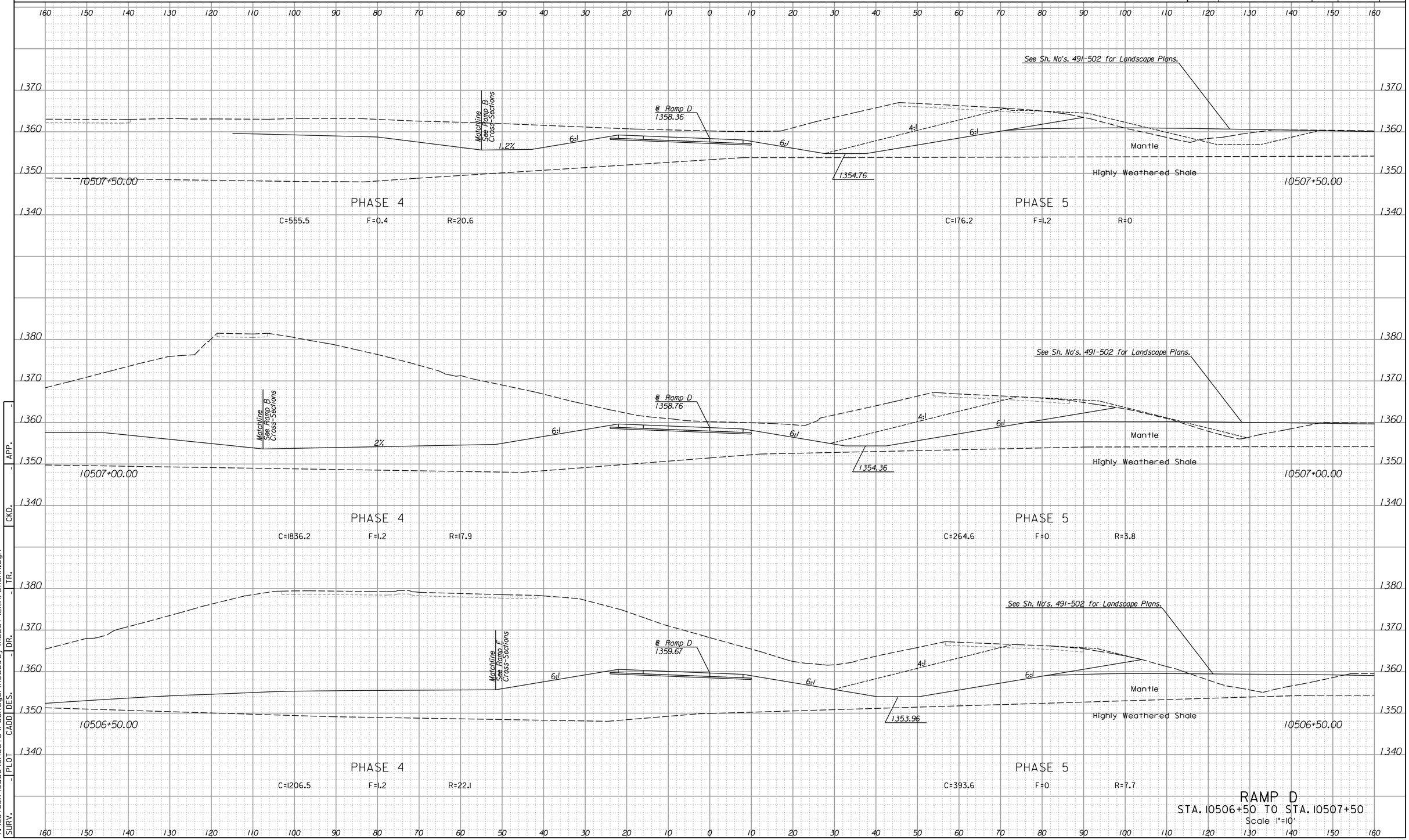
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement ------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1025	1055



RAMP D
STA. 10506+50 TO STA. 10507+50
Scale 1"=10'

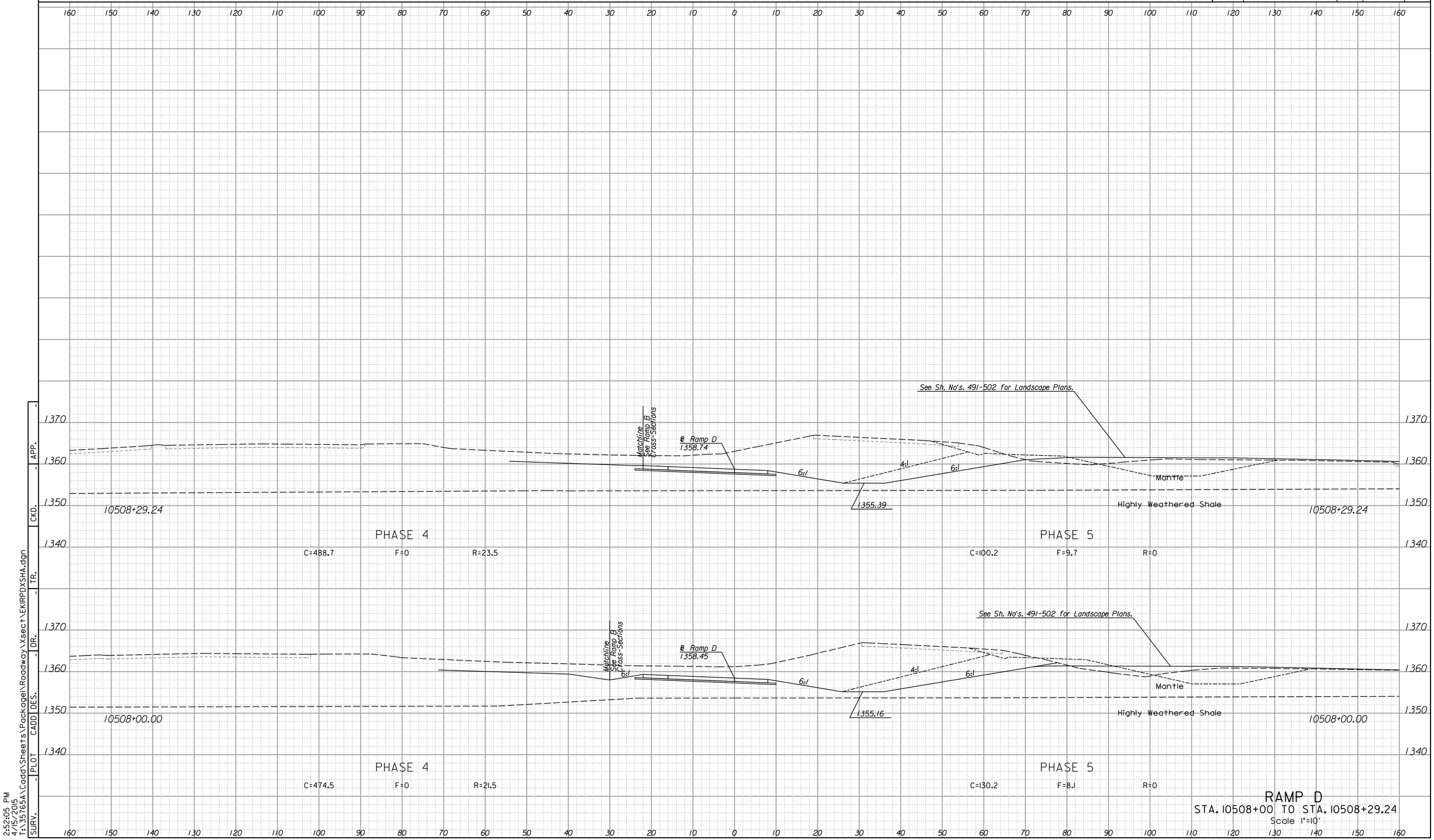
SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1026	1055



RAMP D

STA. 10508+00 TO STA. 10508+29.24

Scale 1"=10'

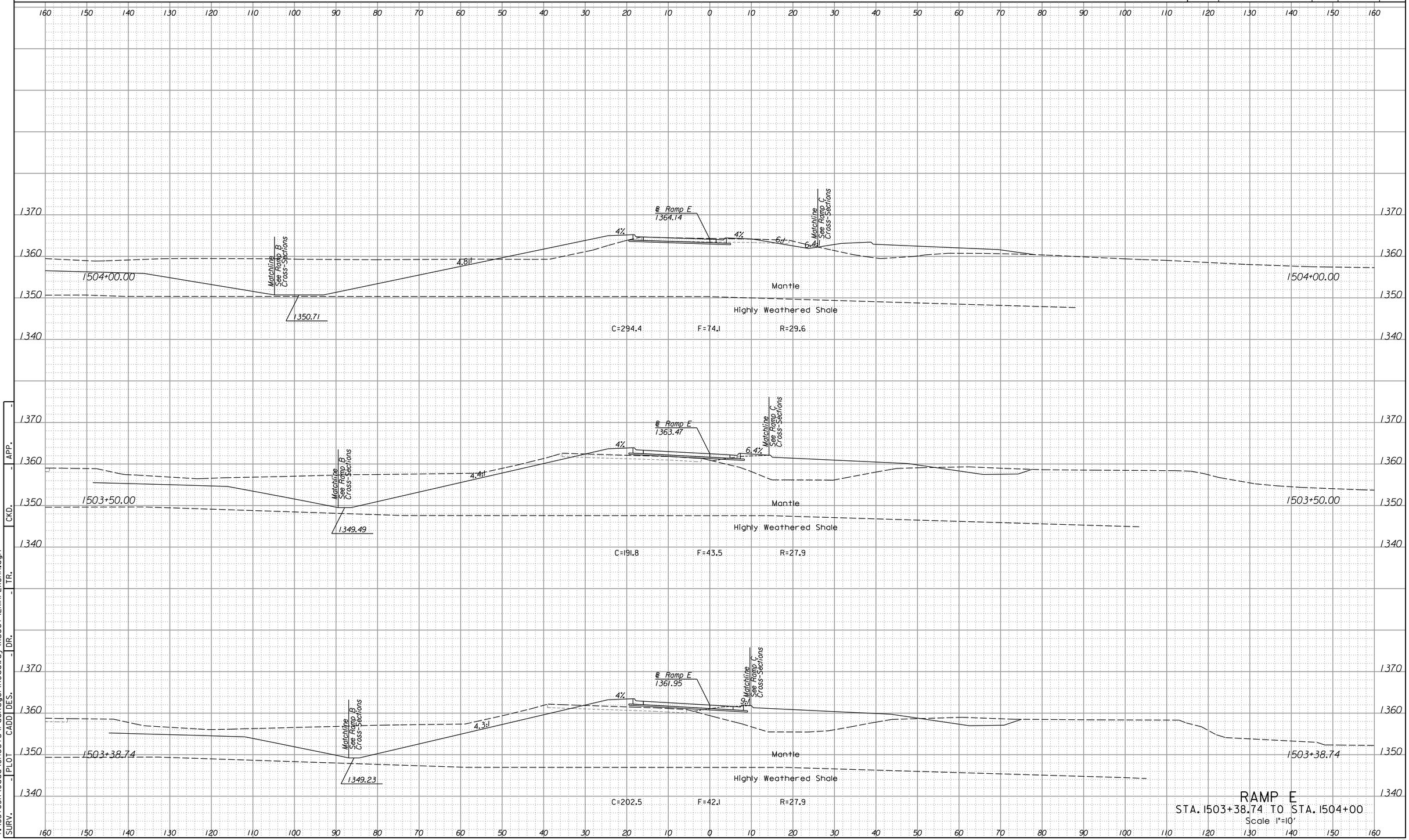
SURV. | PLOT | CADD | DES. | DR. | TR. | CKD. | APP.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1027	1055



RAMP E
STA. 1503+38.74 TO STA. 1504+00
Scale 1"=10'

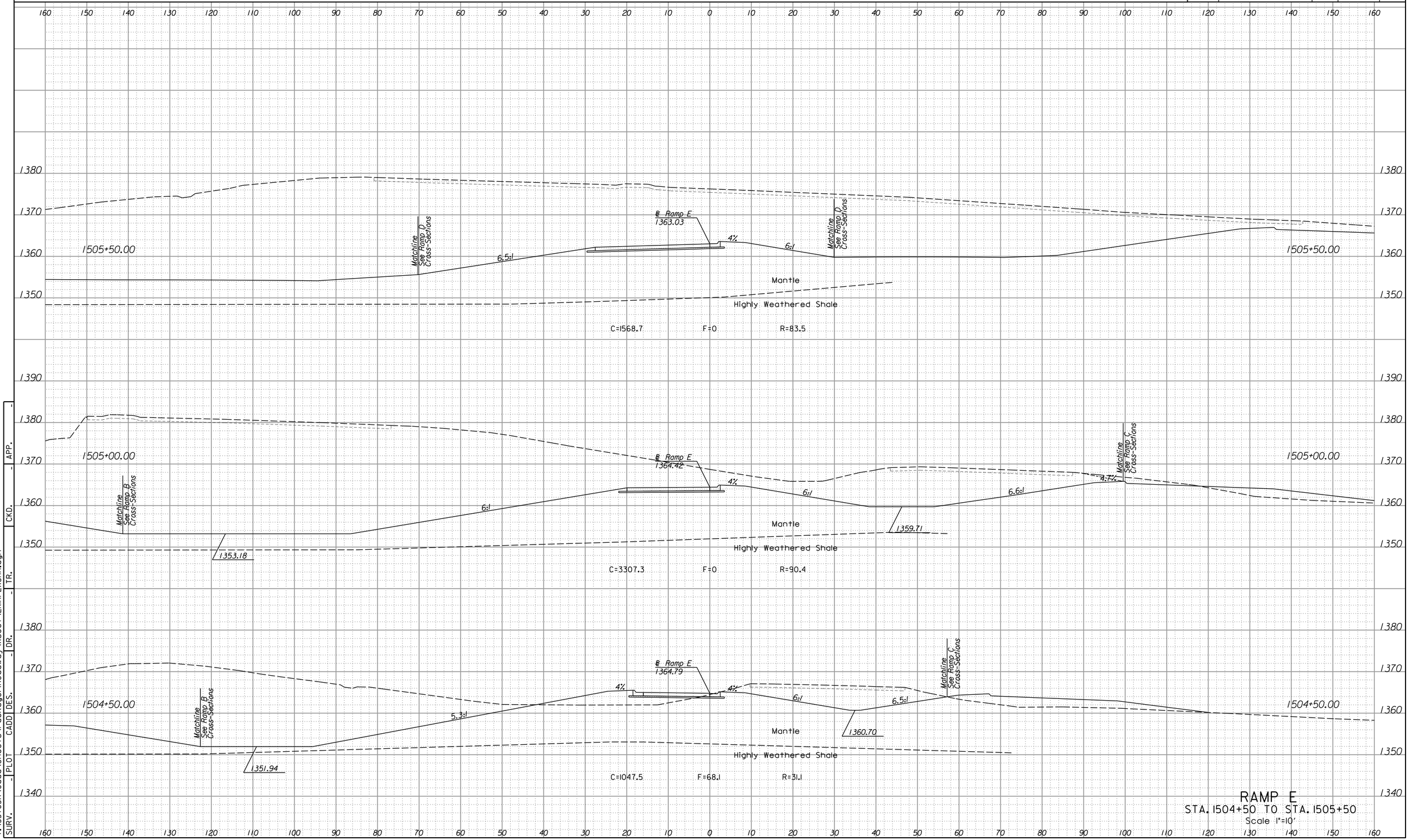
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1028	1055



RAMP E
STA. 1504+50 TO STA. 1505+50
Scale 1"=10'

SURV.	PLOT	CADD	DES.	DR.	CKD.	TR.	APP.
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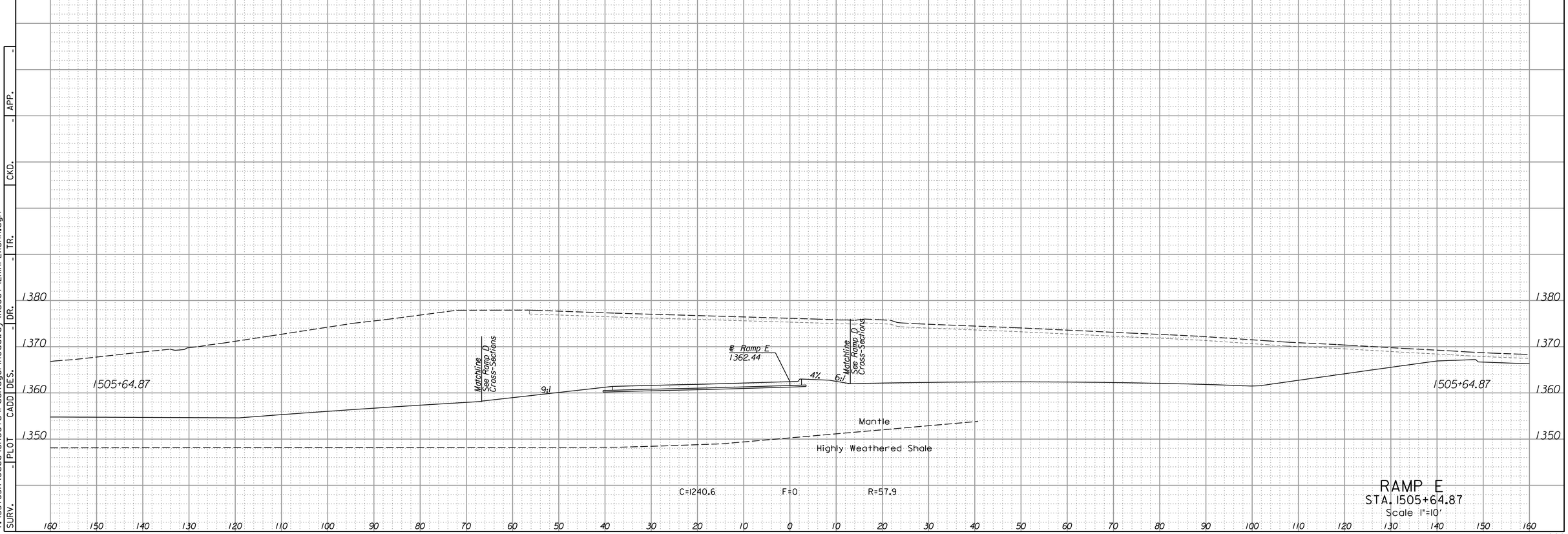
LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1029	1055

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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RAMP E
STA. 1505+64.87
Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1030	1055

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160

1380
1370
1360

10537+50.00

5:1 2.8%

Matchline See S. Frontage Rd. Cross-Sections

C=19.3 F=0.4 R=0

10537+00.00

3.4:1

Matchline See S. Frontage Rd. Cross-Sections

C=5.7 F=1.4 R=0

10536+50.00

4:1 4.3%

Matchline See S. Frontage Rd. Cross-Sections

C=3.3 F=6.1 R=0

10536+11.77

Matchline See S. Frontage Rd. Cross-Sections

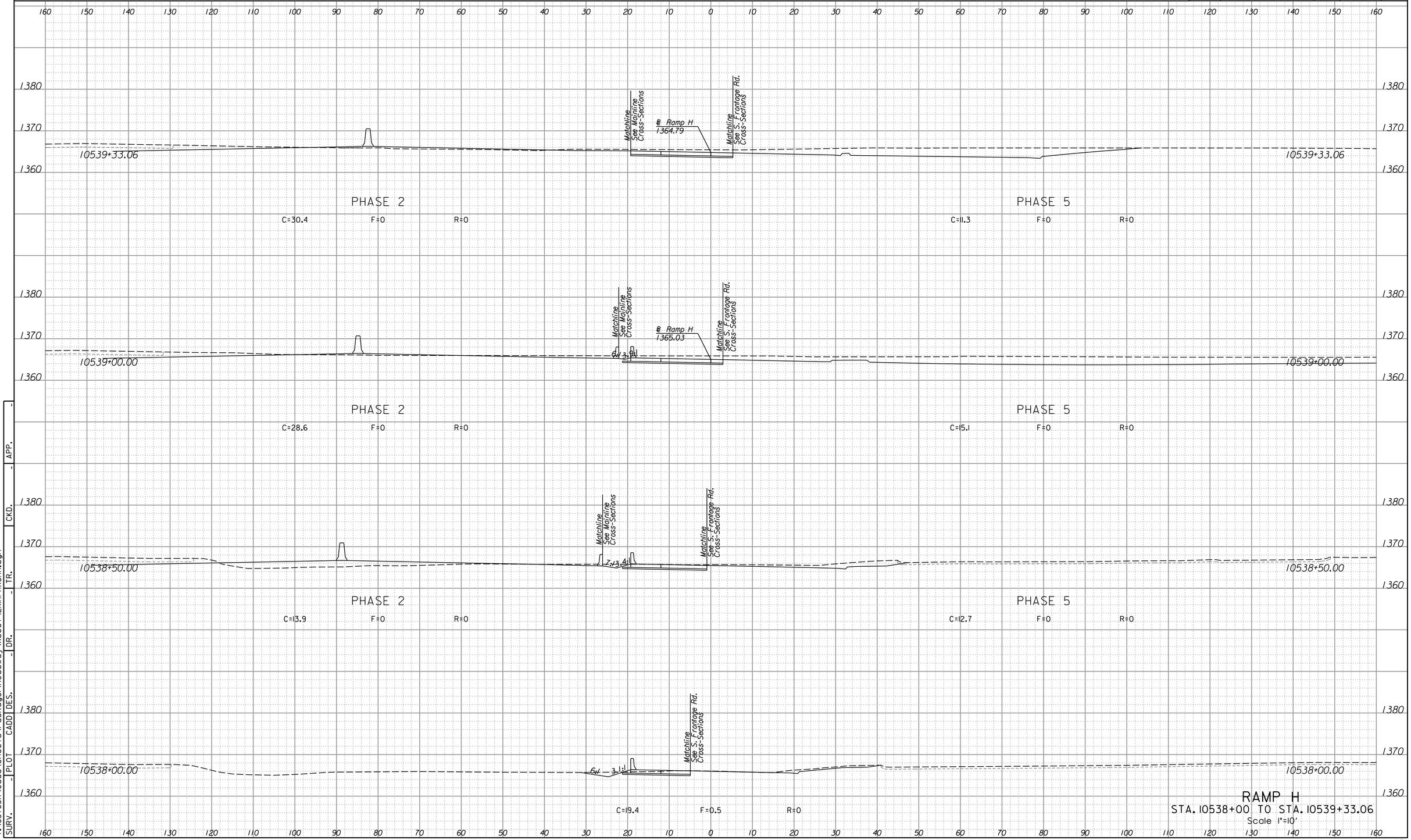
C=5.7 F=0.1 R=0

RAMP H
STA. 10536+11.77 TO STA. 10537+50
Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1031	1055



RAMP H
STA. 10538+00 TO STA. 10539+33.06
Scale 1"=10'

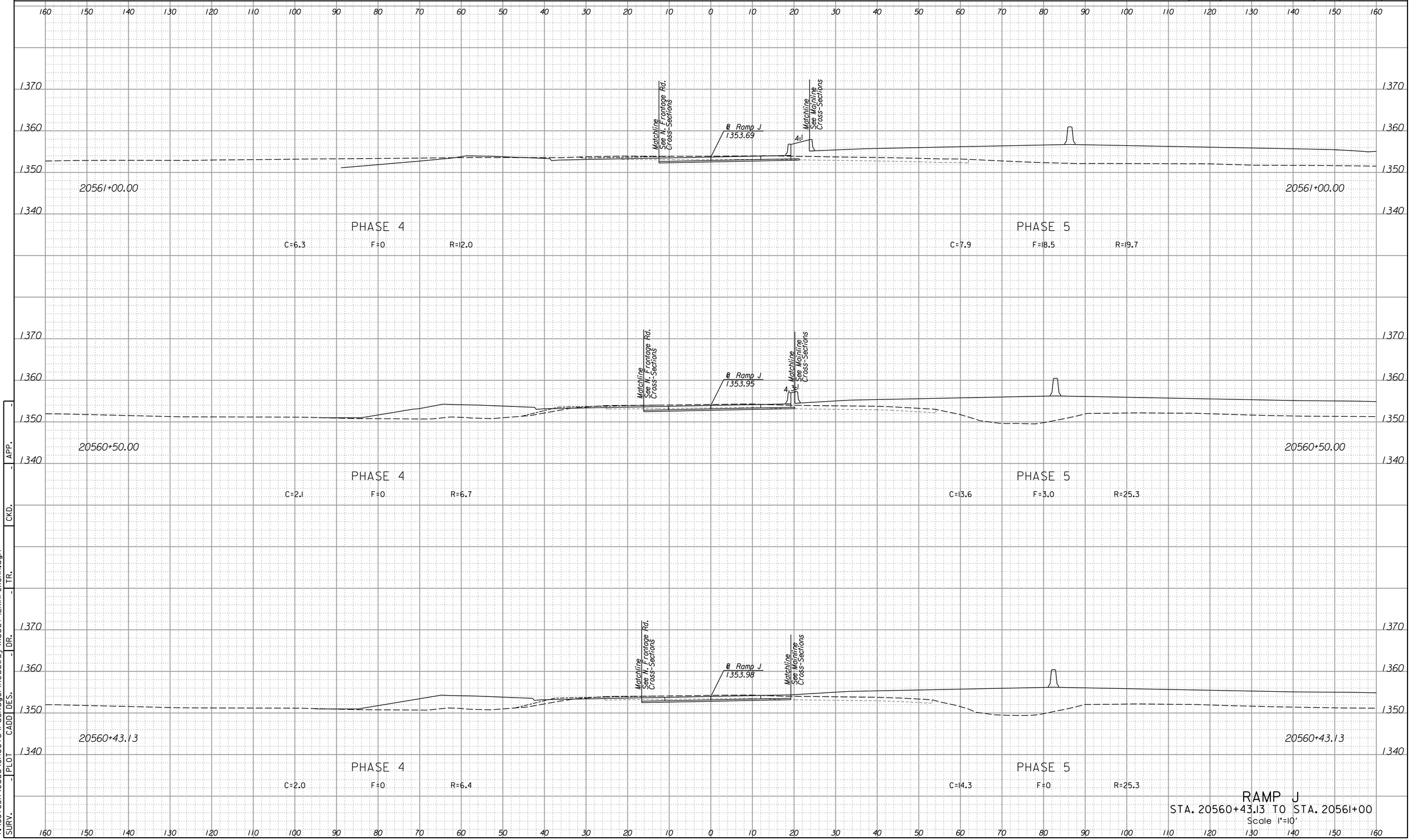
APP. | CKD. | TR. | DR. | DES. | CADD | PLOT | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1032	1055



RAMP J
STA. 20560+43.13 TO STA. 20561+00
Scale 1"=10'

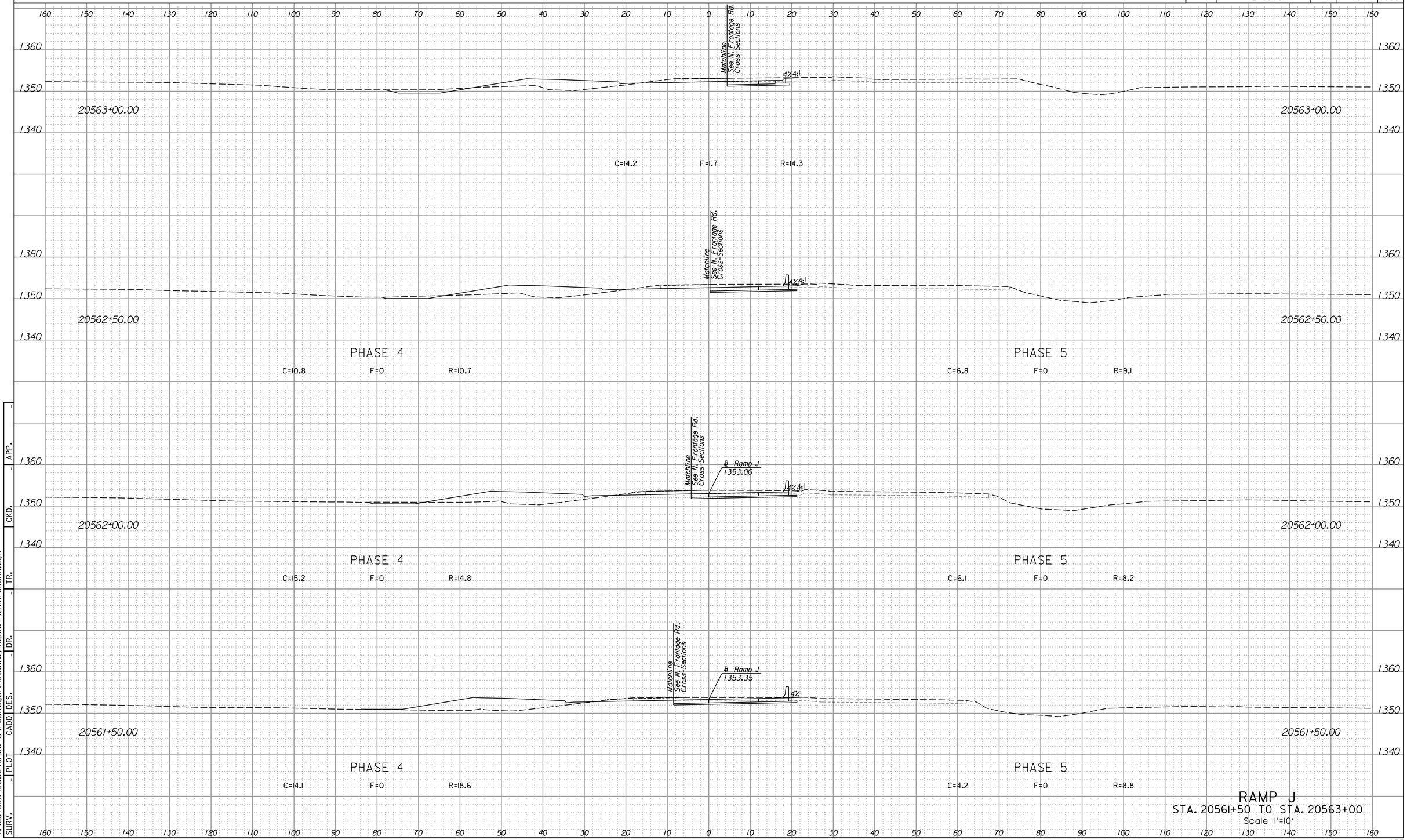
PLOT | CADD | DES. | DR. | TR. | CKD. | APP. | SURV.

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1033	1055



RAMP J

STA. 20561+50 TO STA. 20563+00

Scale 1"=10'

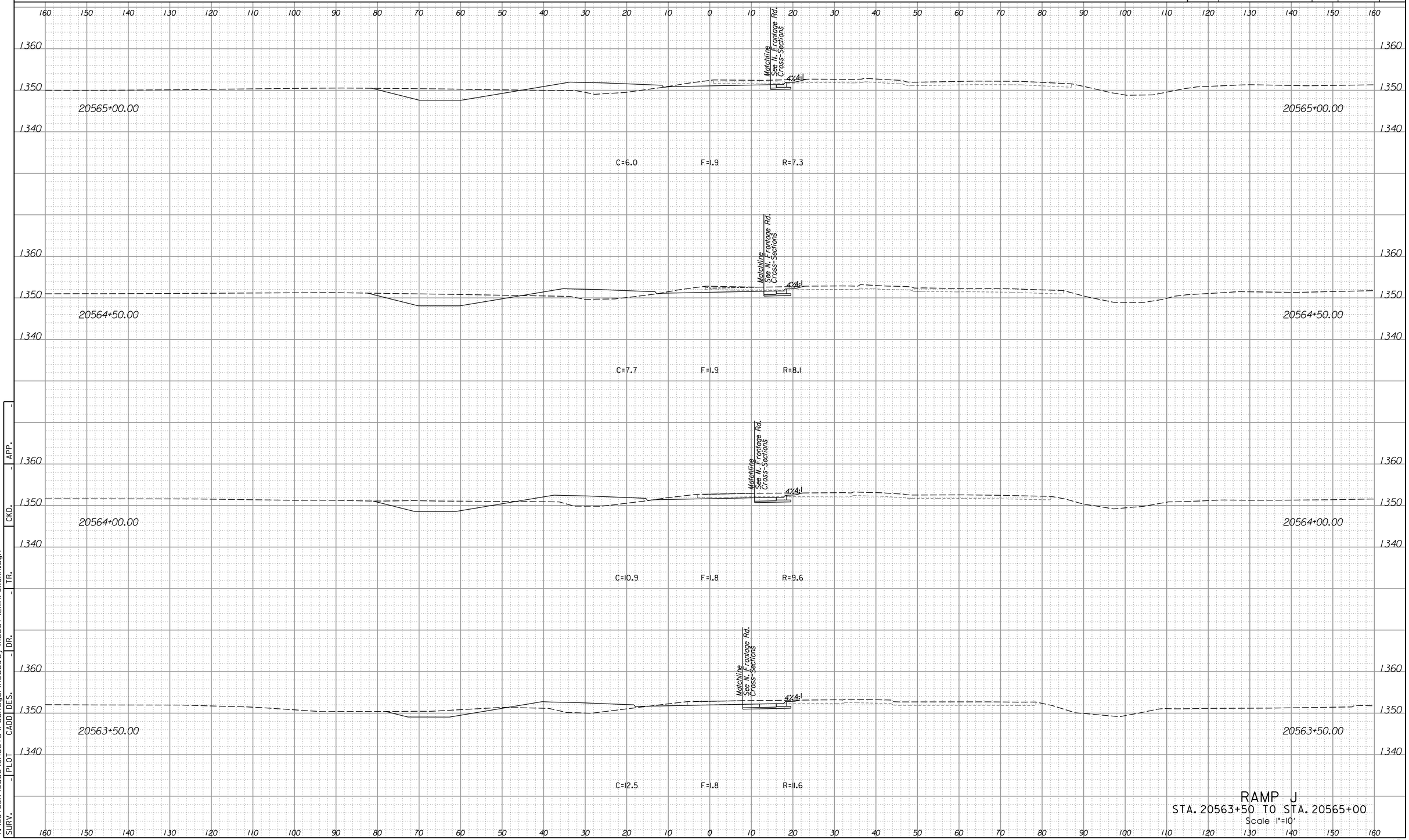
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1034	1055



RAMP J
STA. 20563+50 TO STA. 20565+00
Scale 1"=10'

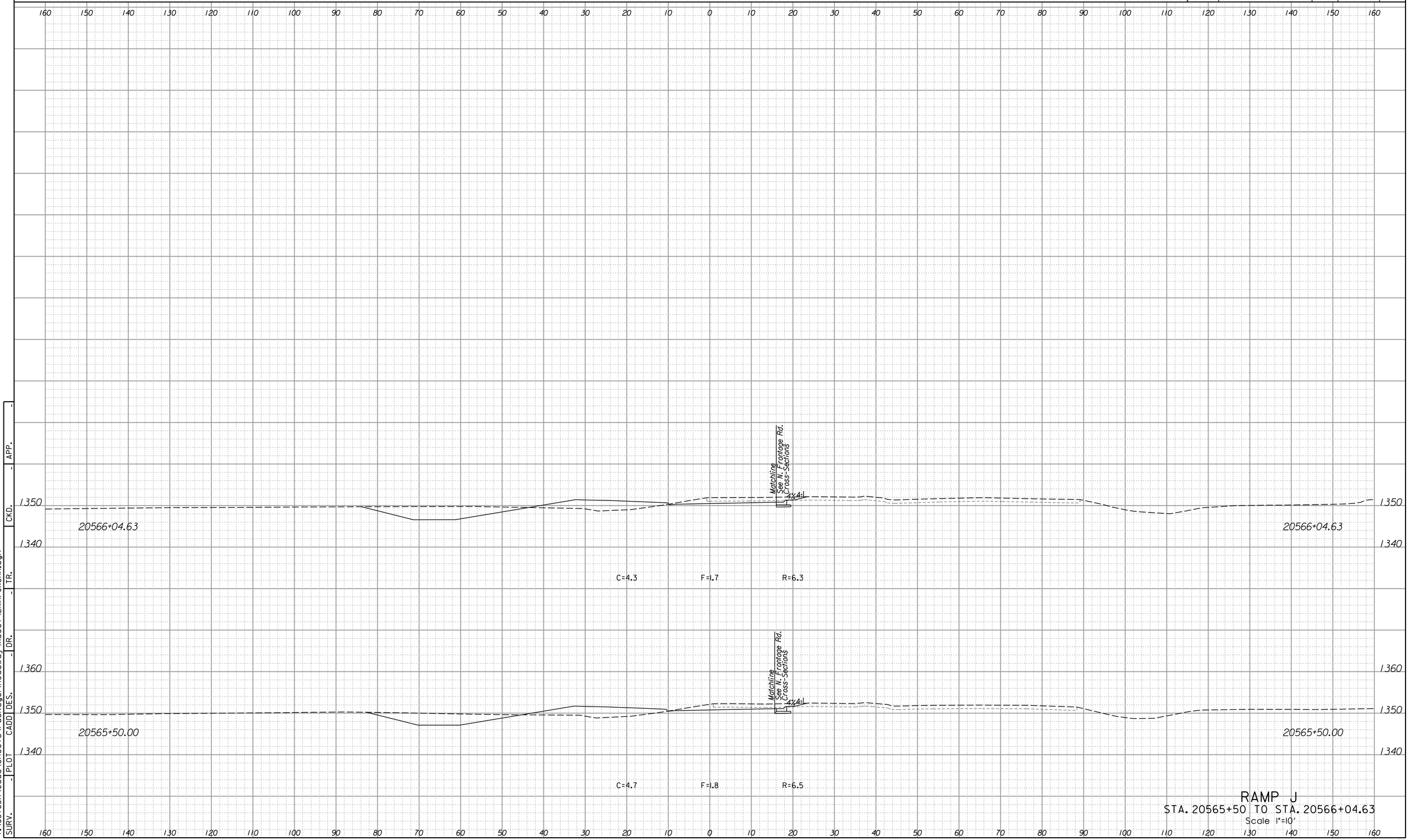
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground ------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1035	1055



RAMP J

STA. 20565+50 TO STA. 20566+04.63

Scale 1"=10'

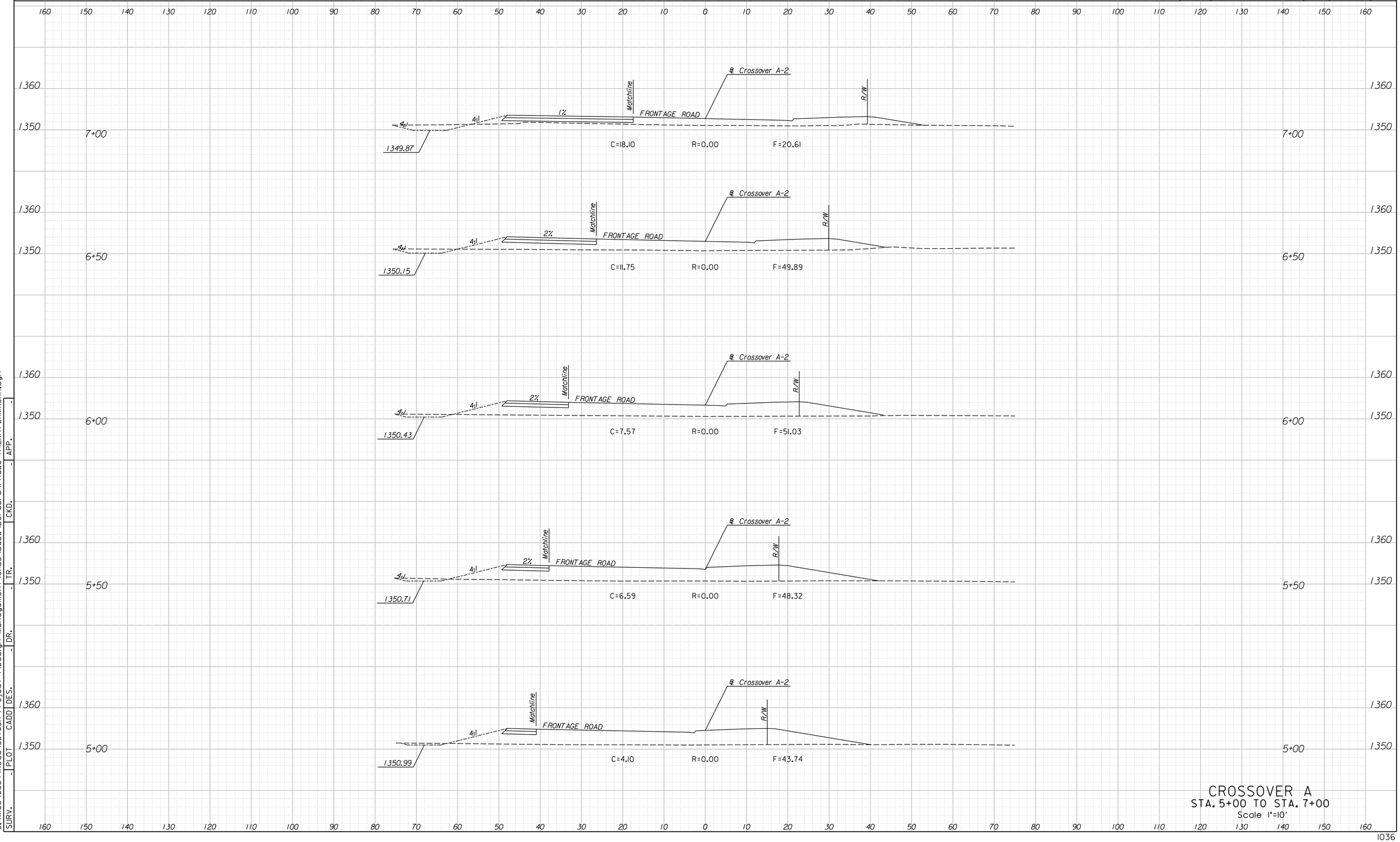
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1036	1055



CROSSOVER A
STA. 5+00 TO STA. 7+00
Scale 1"=10'

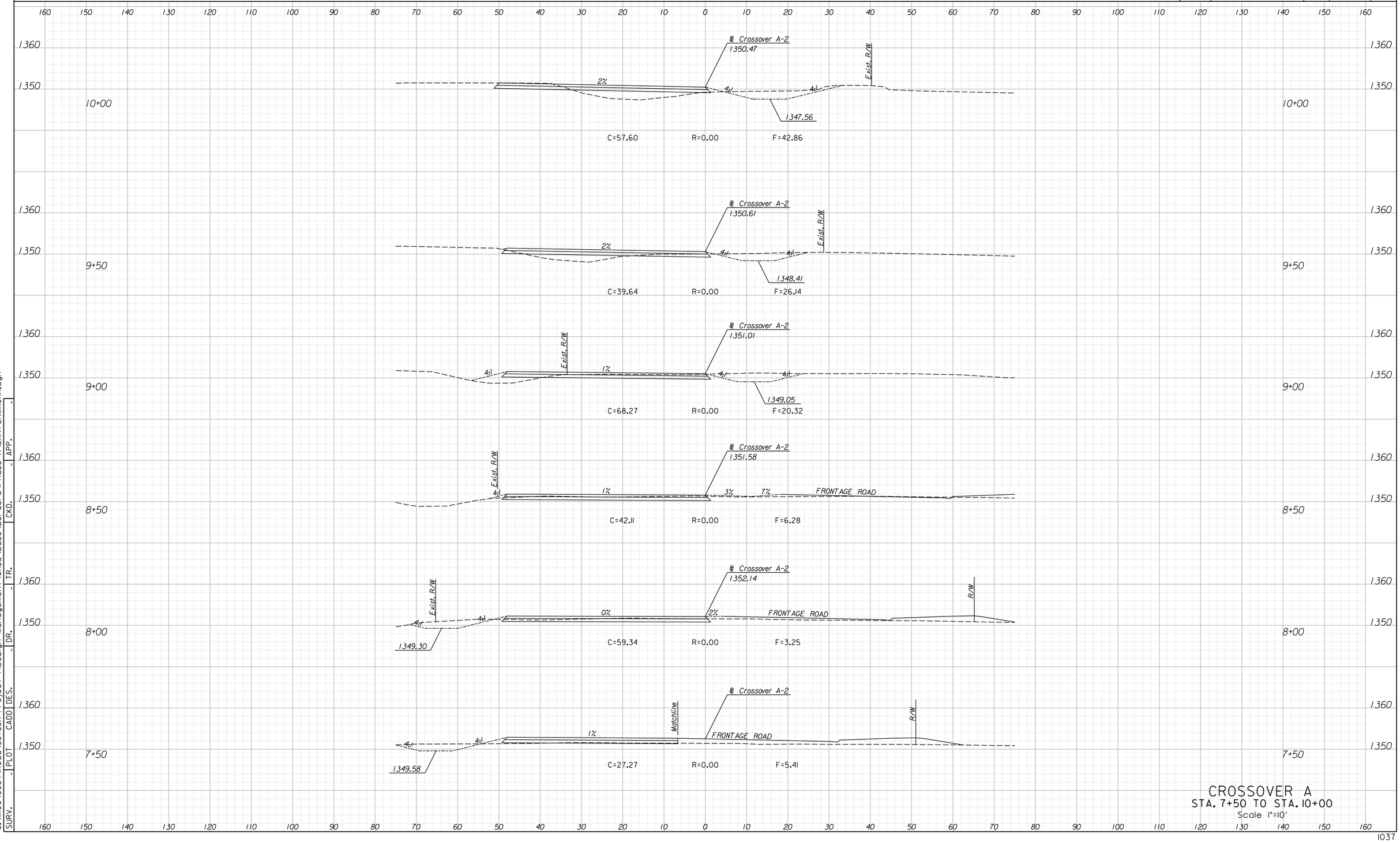
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1037	1055



CROSSOVER A
STA. 7+50 TO STA. 10+00
Scale 1"=10'

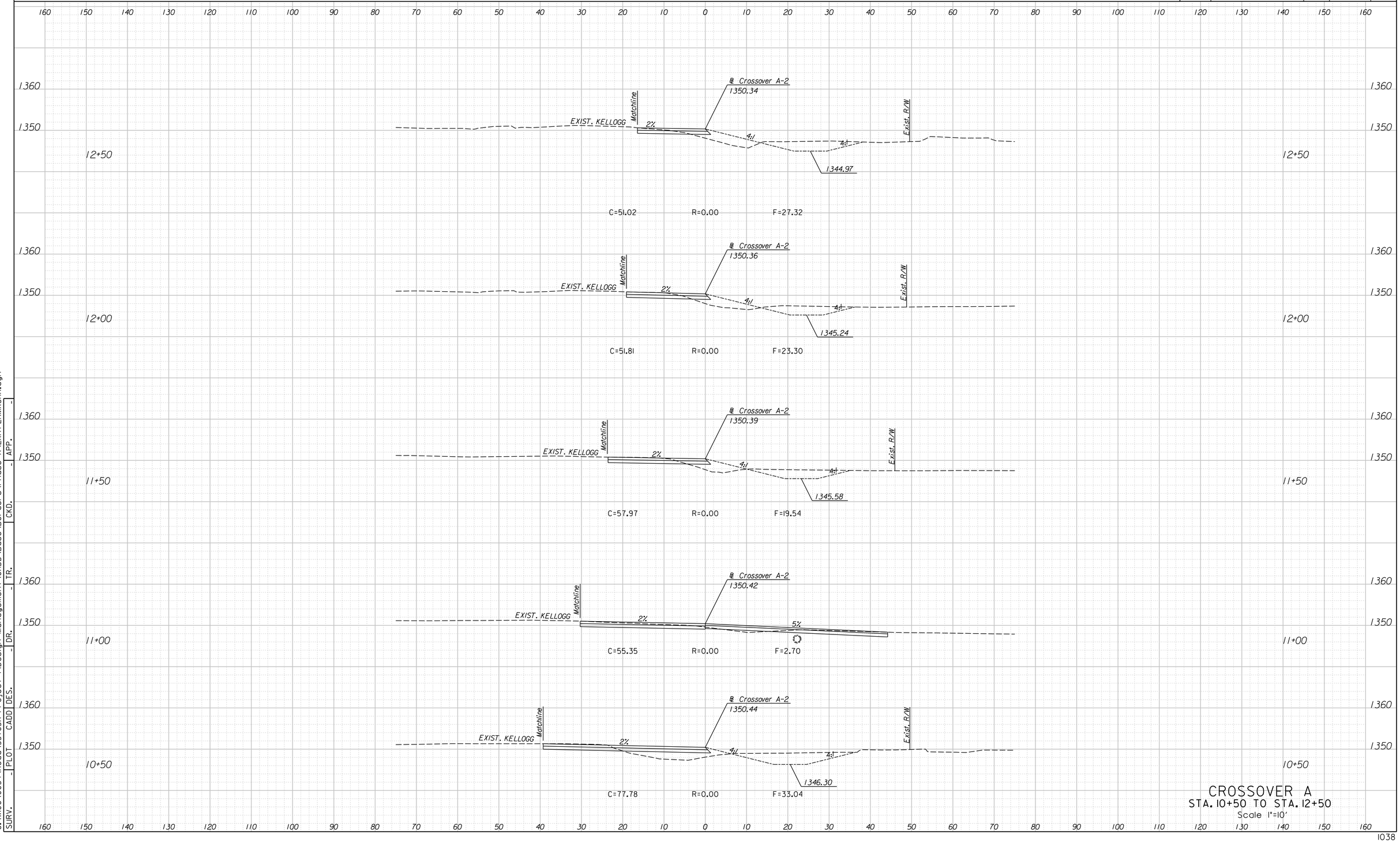
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1038	1055



CROSSOVER A
STA. 10+50 TO STA. 12+50
Scale 1"=10'

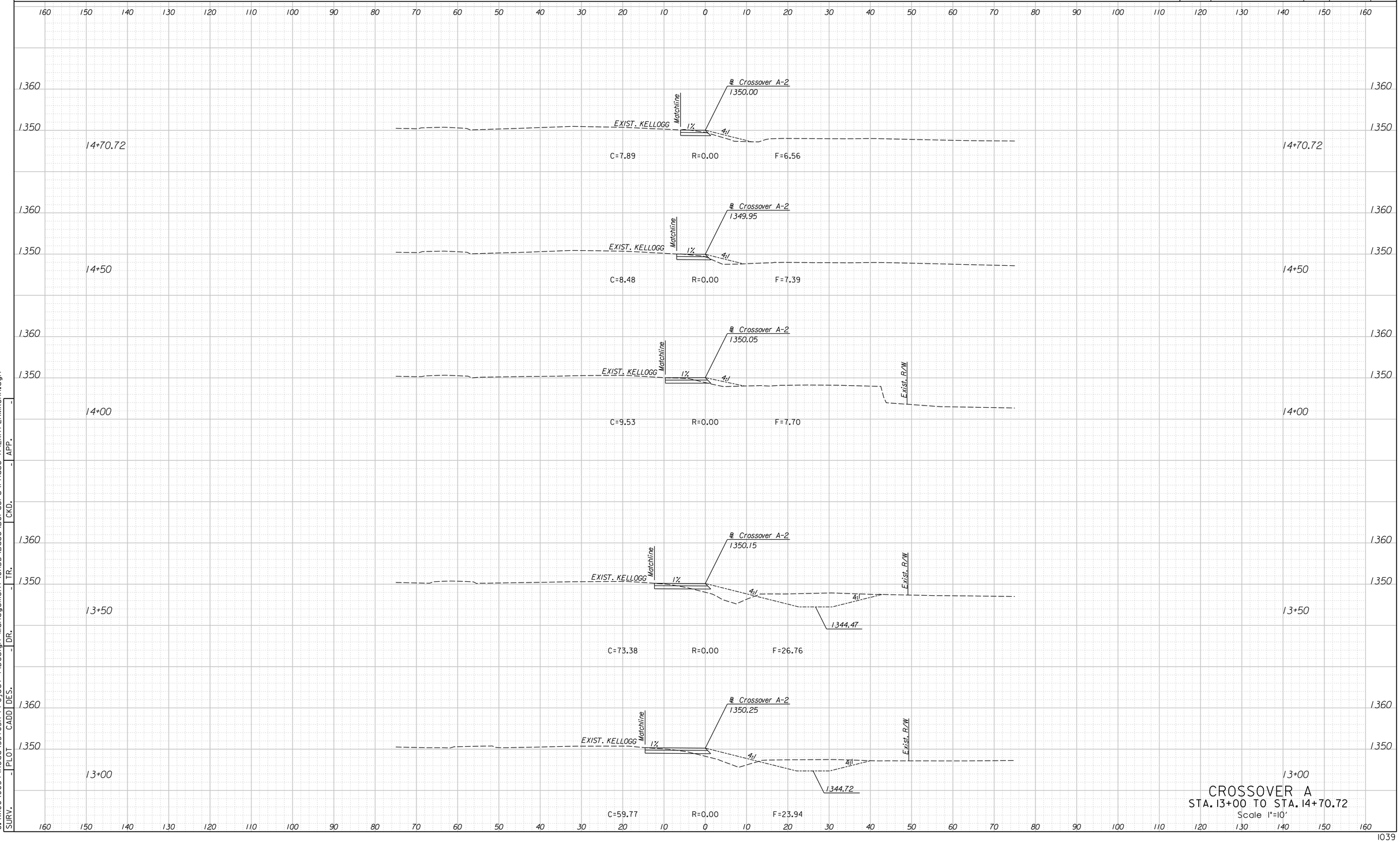
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1039	1055



CROSSOVER A
STA. 13+00 TO STA. 14+70.72
Scale 1"=10'

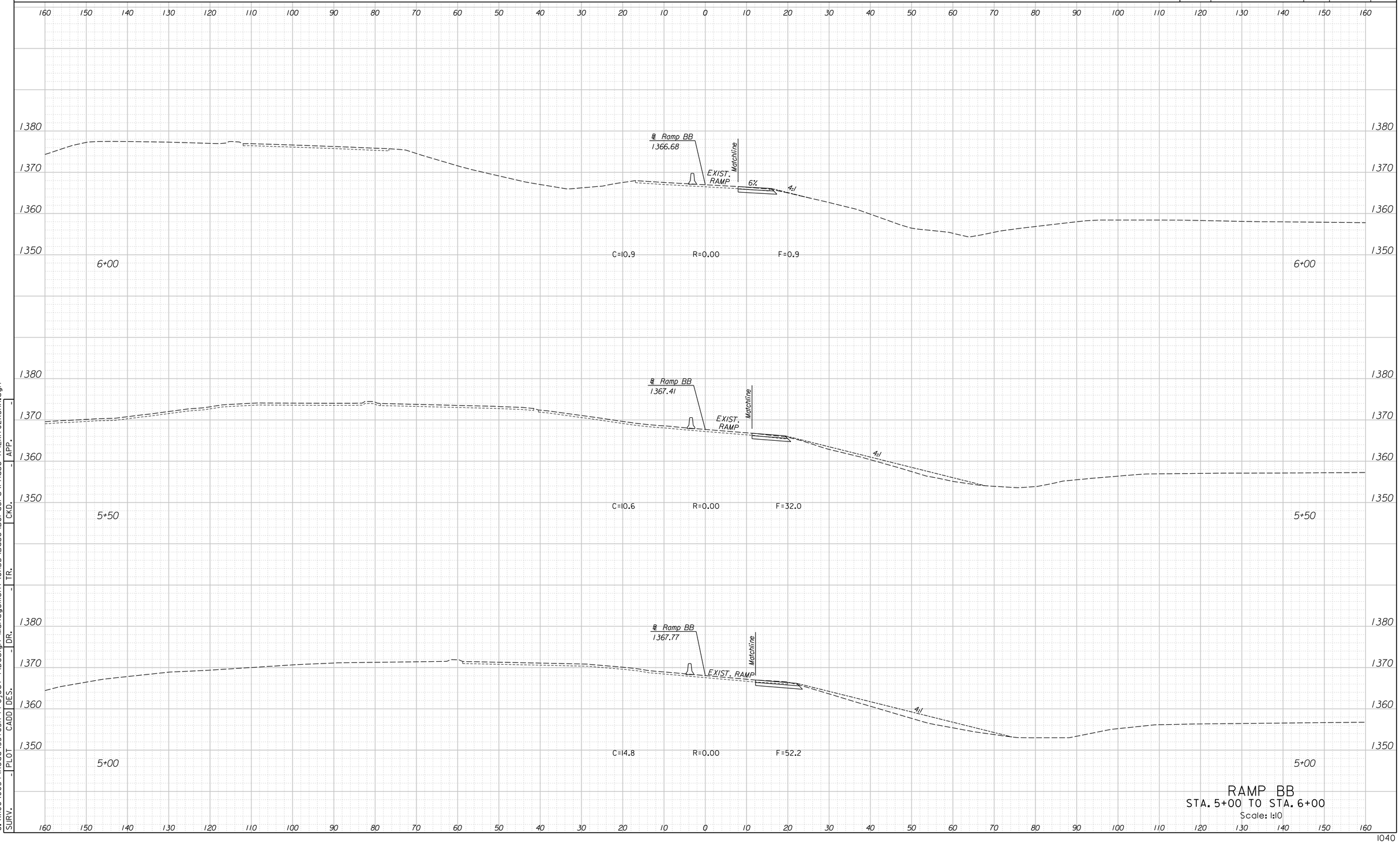
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1040	1055



RAMP BB
STA. 5+00 TO STA. 6+00
Scale: 1:10

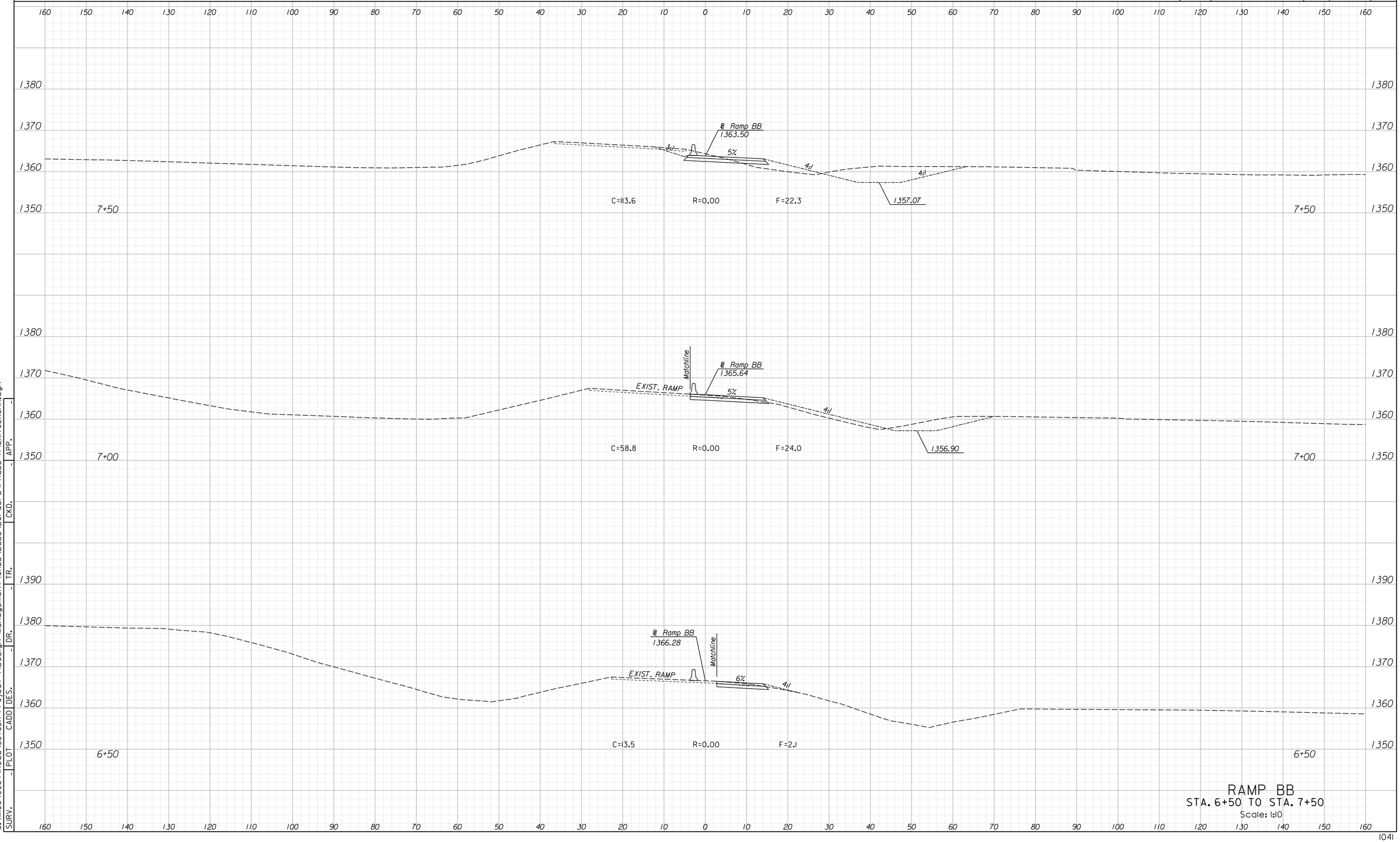
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SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
-	-	-	-	-	-	-	-

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1041	1055



RAMP BB
STA. 6+50 TO STA. 7+50
Scale: 1:10

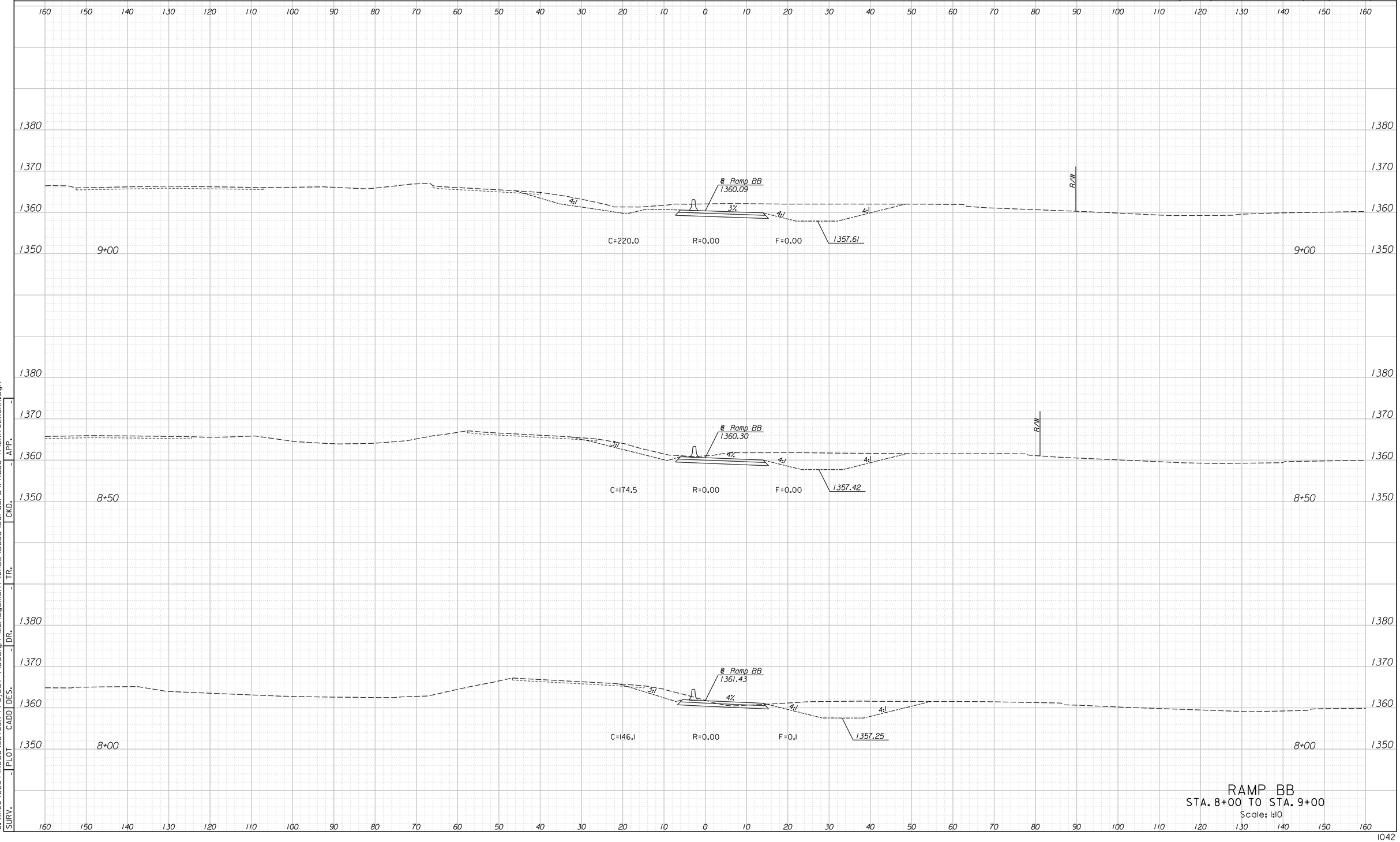
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1042	1055



RAMP BB
STA. 8+00 TO STA. 9+00
Scale: 1:10

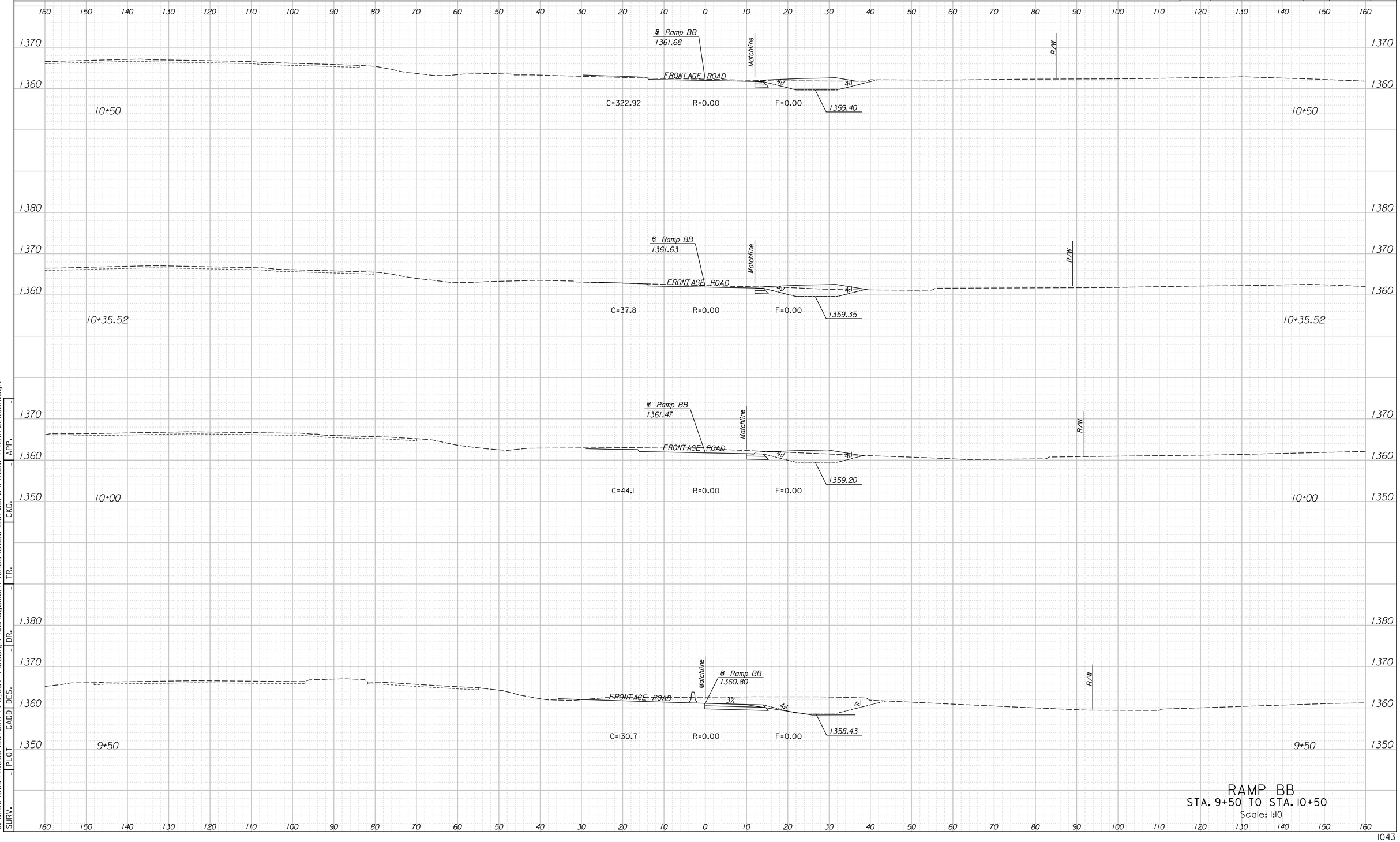
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1043	1055



RAMP BB
STA. 9+50 TO STA. 10+50
Scale: 1:10

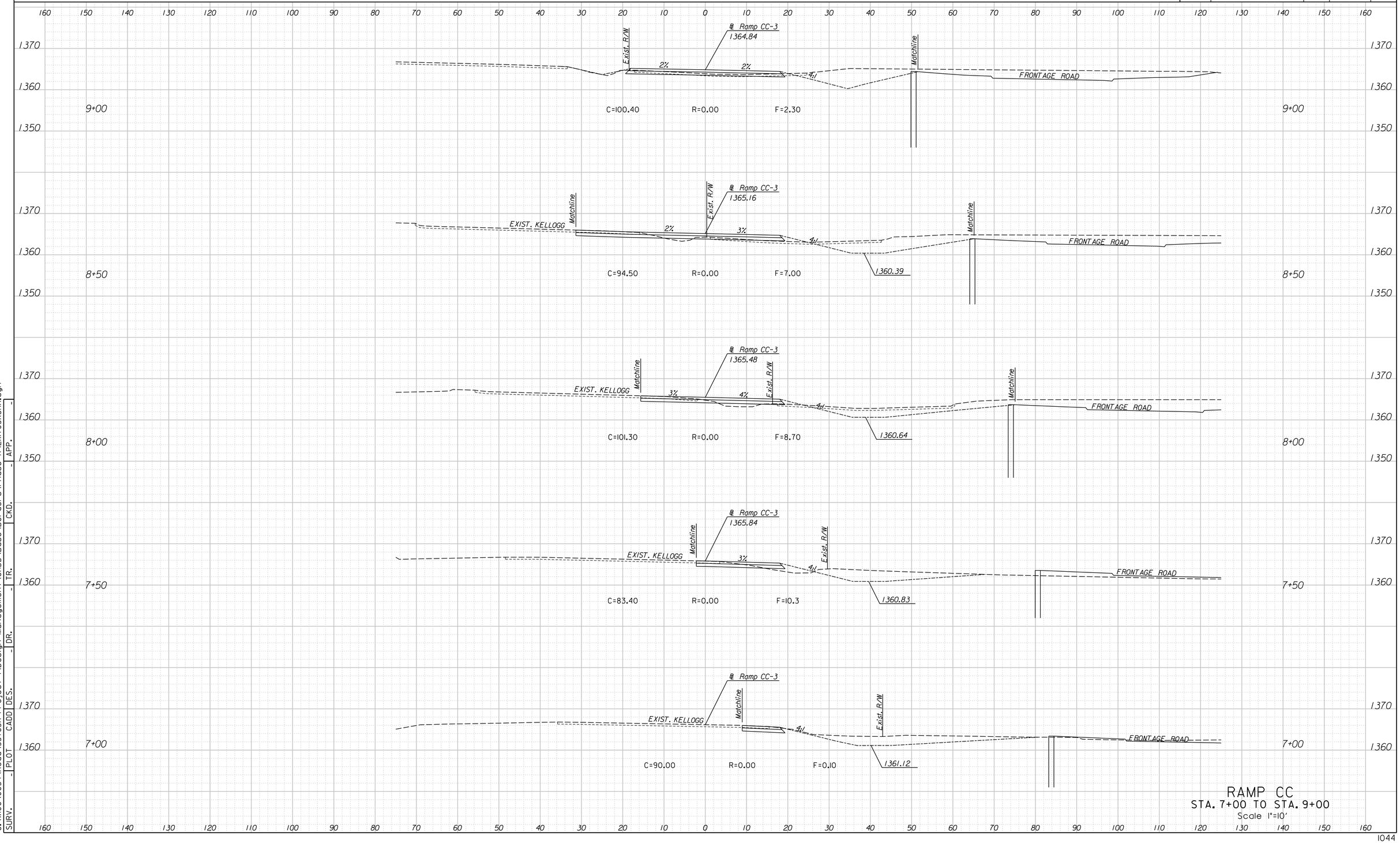
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1044	1055



RAMP CC
STA. 7+00 TO STA. 9+00
Scale 1"=10'

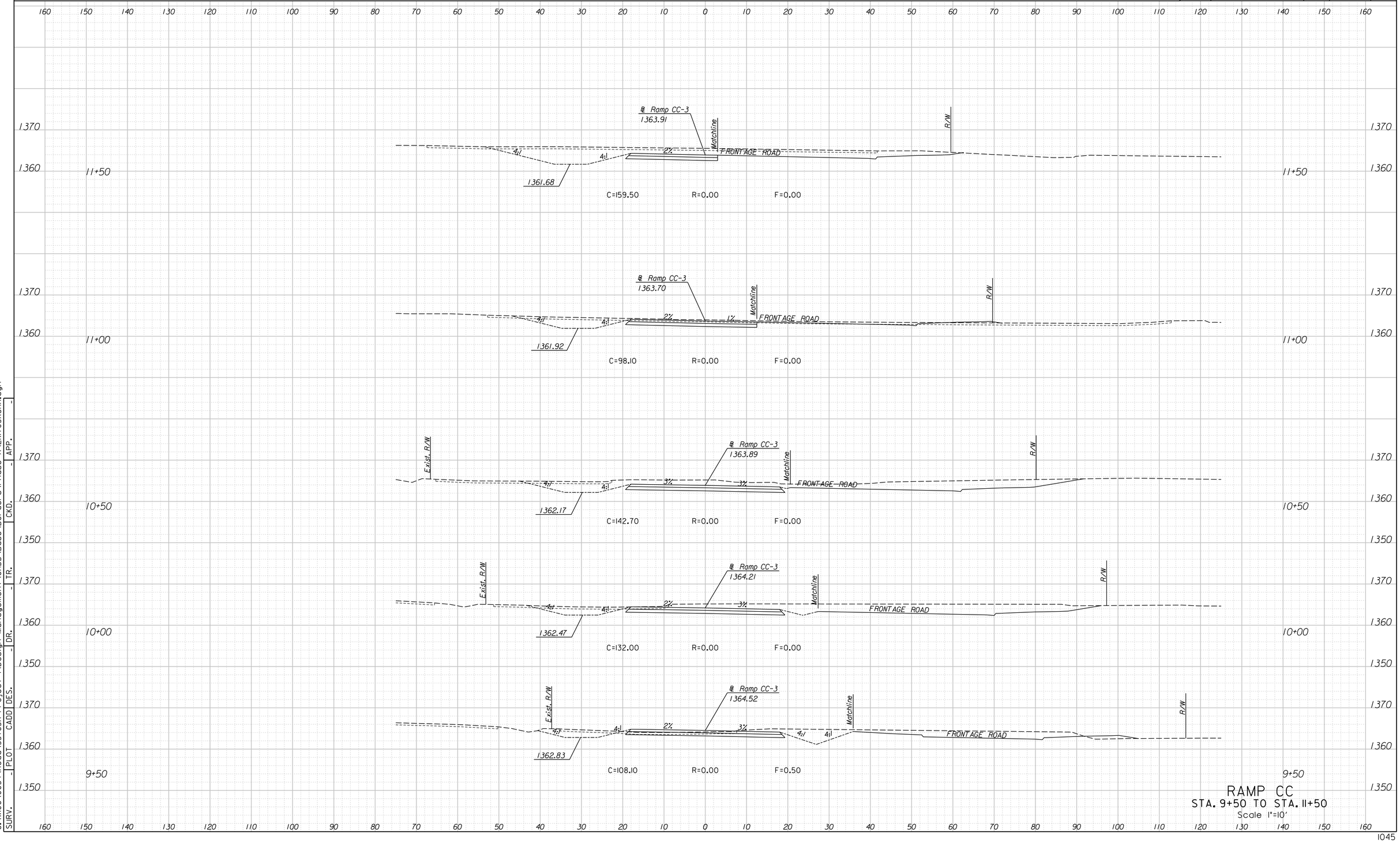
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1045	1055



RAMP CC
STA. 9+50 TO STA. 11+50
Scale 1"=10'

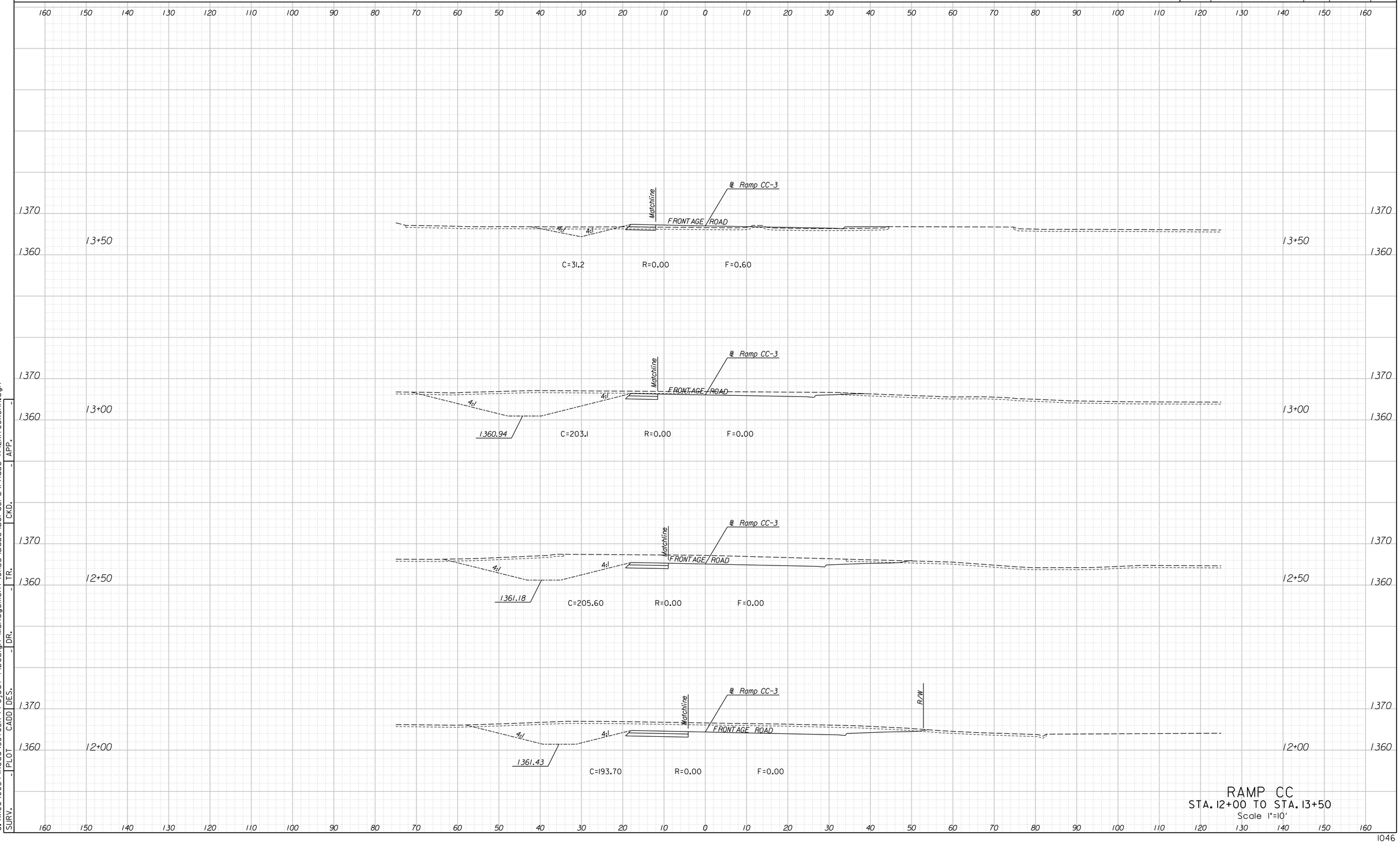
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4/15/2015
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1046	1055



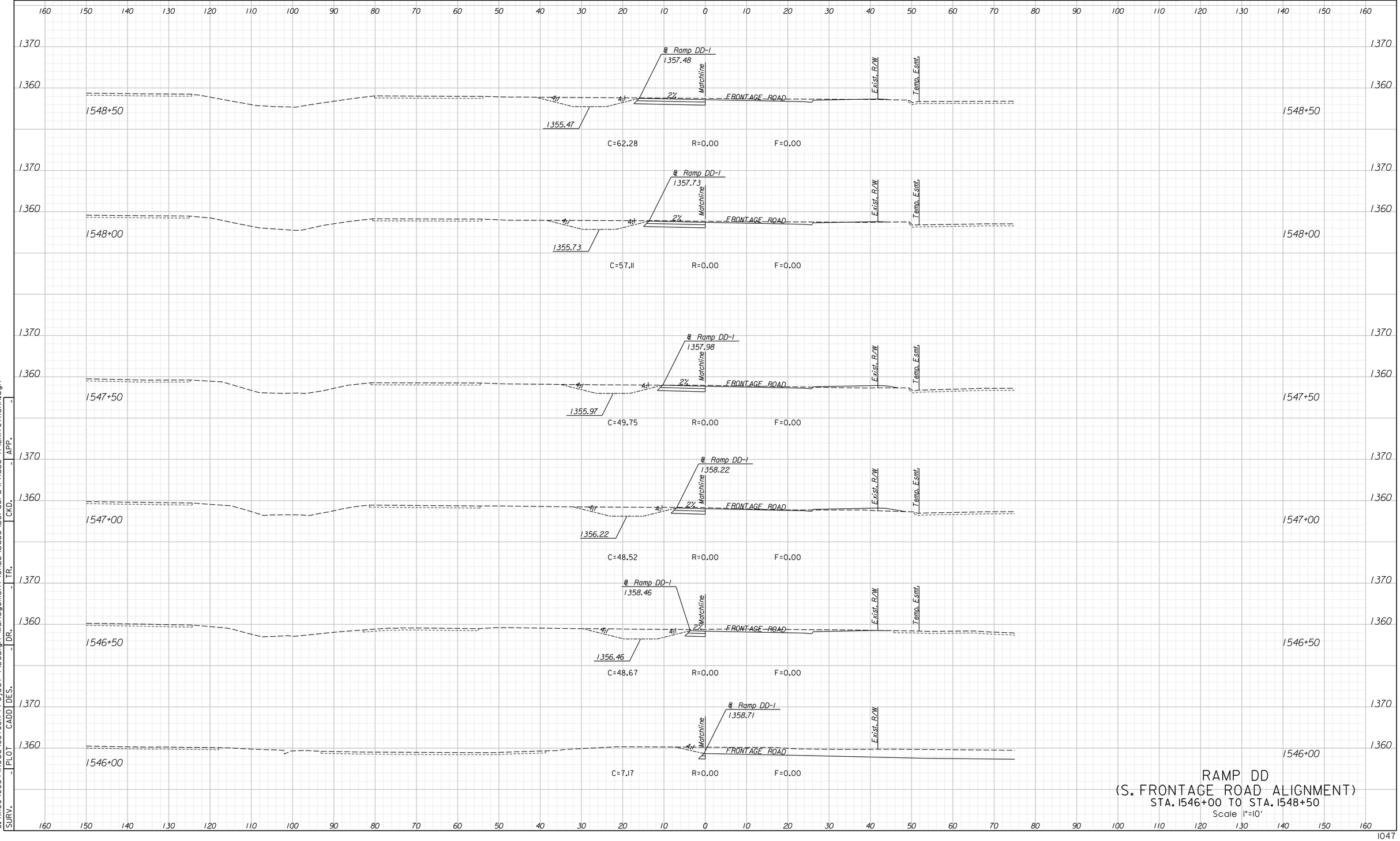
RAMP CC
STA. 12+00 TO STA. 13+50
Scale 1"=10'

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SURV. - | PLOT | CADD | DES. | DR. - | TR. - | CKD. - | APP. -

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1047	1055



RAMP DD
(S. FRONTAGE ROAD ALIGNMENT)
STA. 1546+00 TO STA. 1548+50

Scale 1"=10'

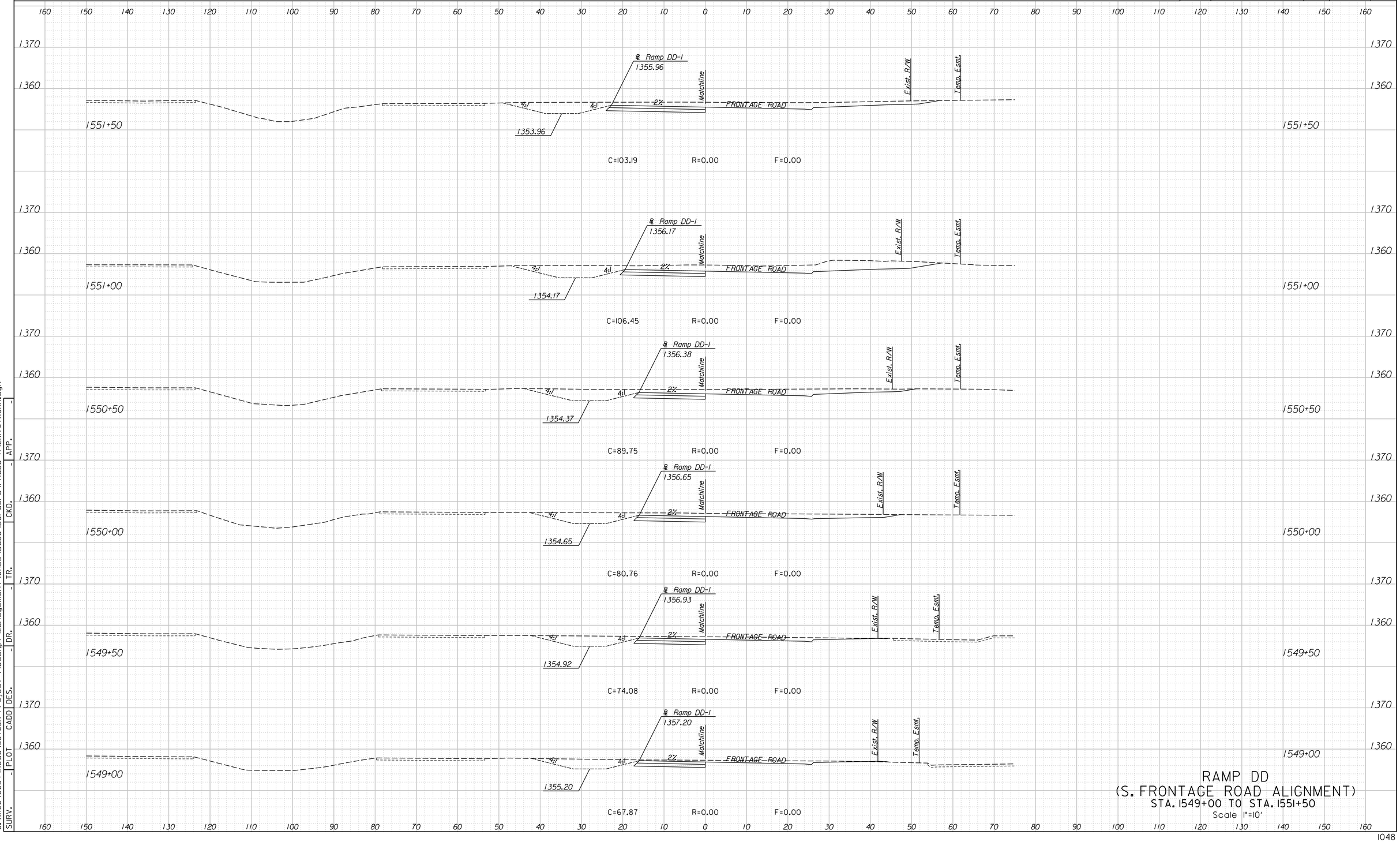
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1048	1055



RAMP DD
(S. FRONTAGE ROAD ALIGNMENT)
STA. 1549+00 TO STA. 1551+50

Scale 1"=10'

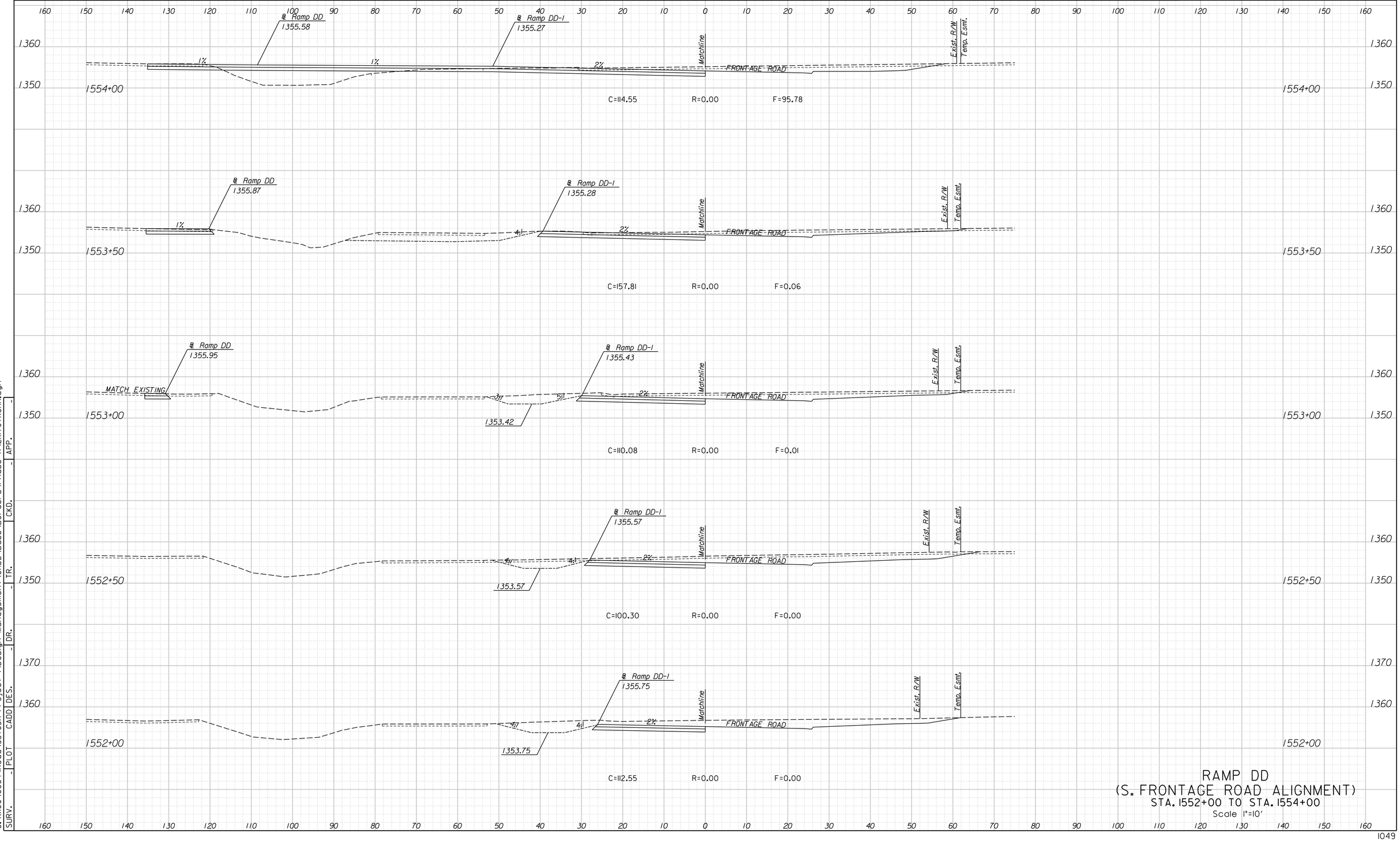
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1049	1055



RAMP DD
(S. FRONTAGE ROAD ALIGNMENT)
STA. 1552+00 TO STA. 1554+00

Scale 1"=10'

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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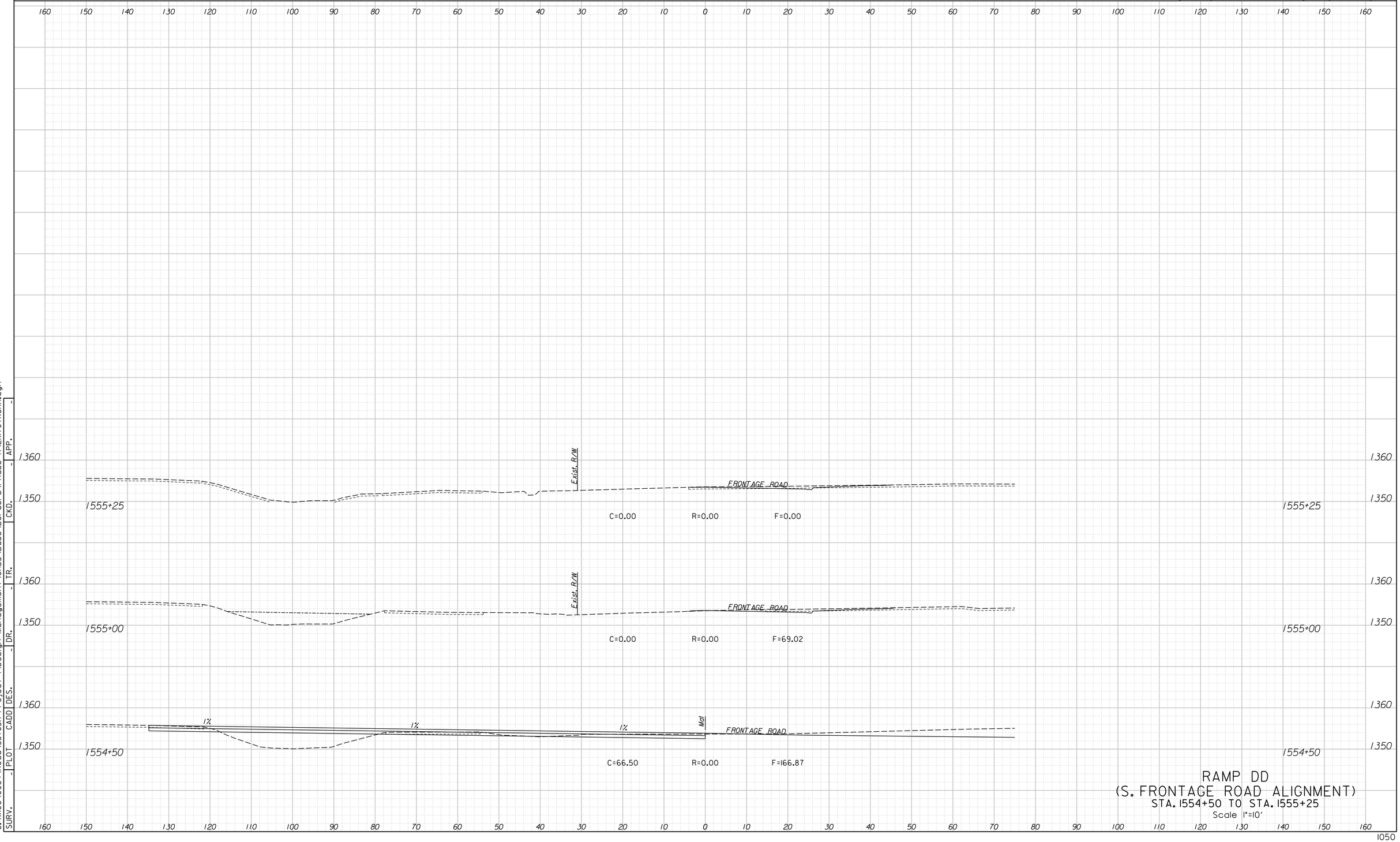
LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1050	1055

SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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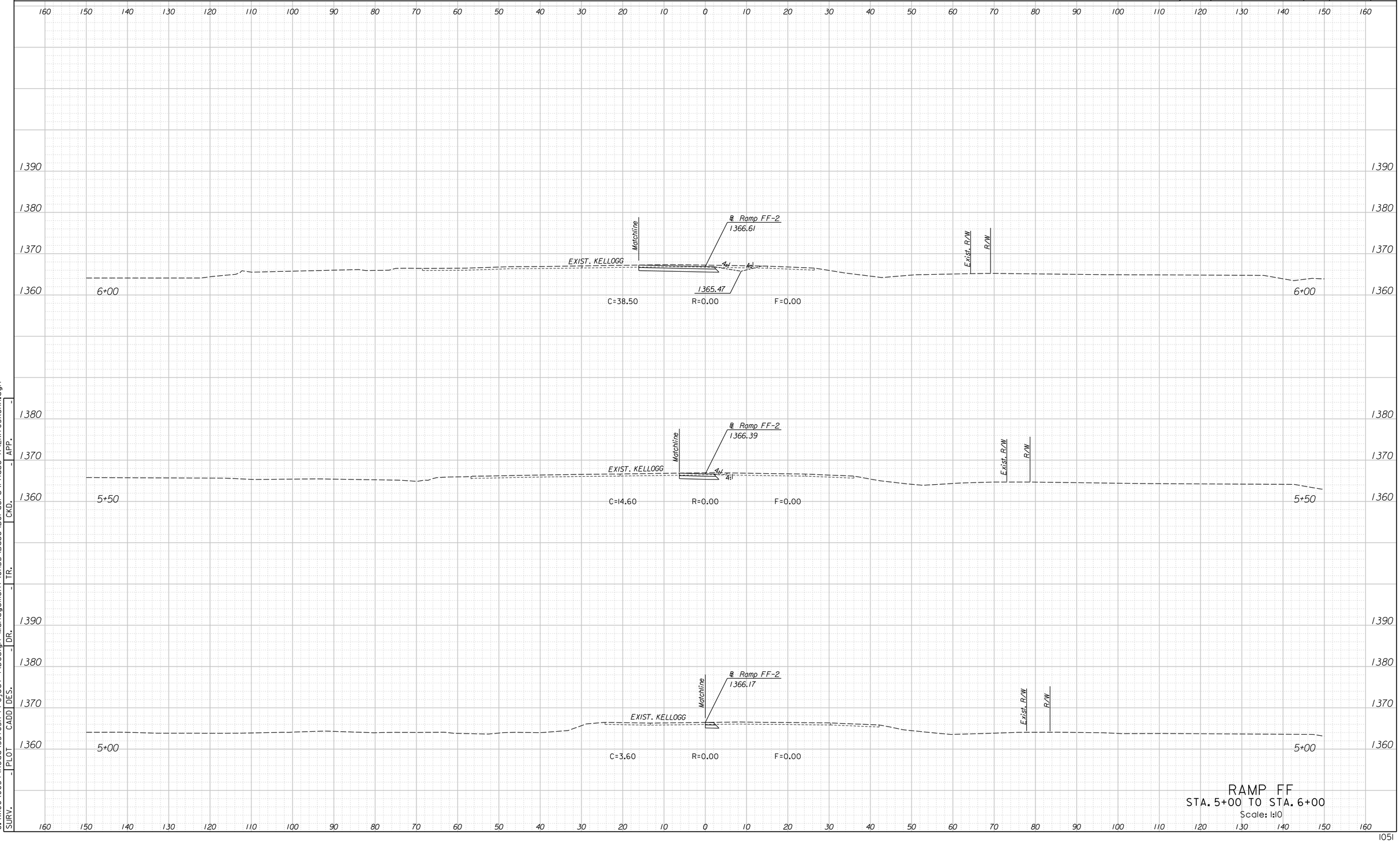


RAMP DD
(S. FRONTAGE ROAD ALIGNMENT)
STA. 1554+50 TO STA. 1555+25
Scale 1"=10'

LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1051	1055



RAMP FF
STA. 5+00 TO STA. 6+00
Scale: 1:10

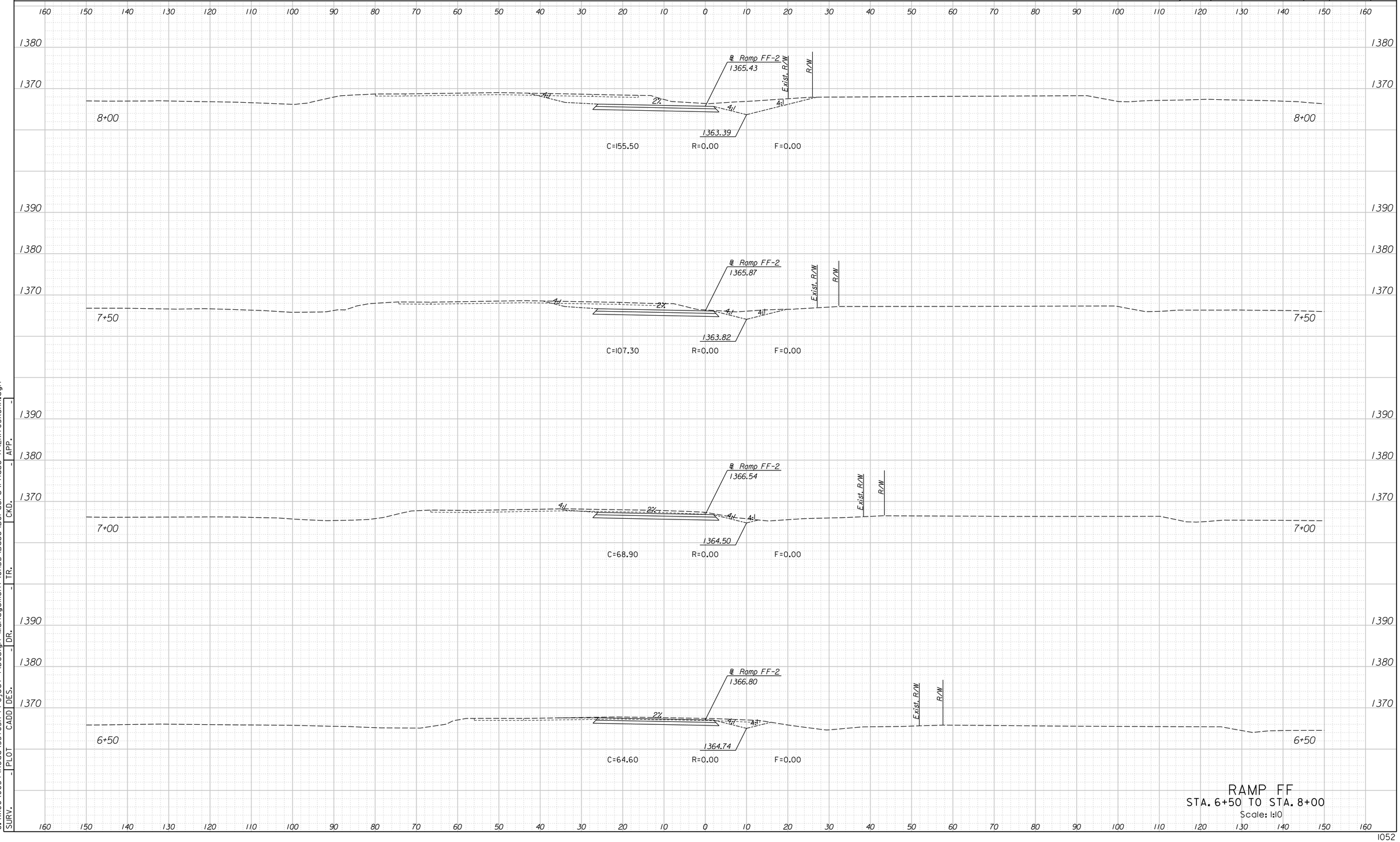
SURV. - | PLOT - | CADD | DES. - | DR. - | TR. - | CKD. - | APP. -

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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1052	1055



RAMP FF
STA. 6+50 TO STA. 8+00
Scale: 1:10

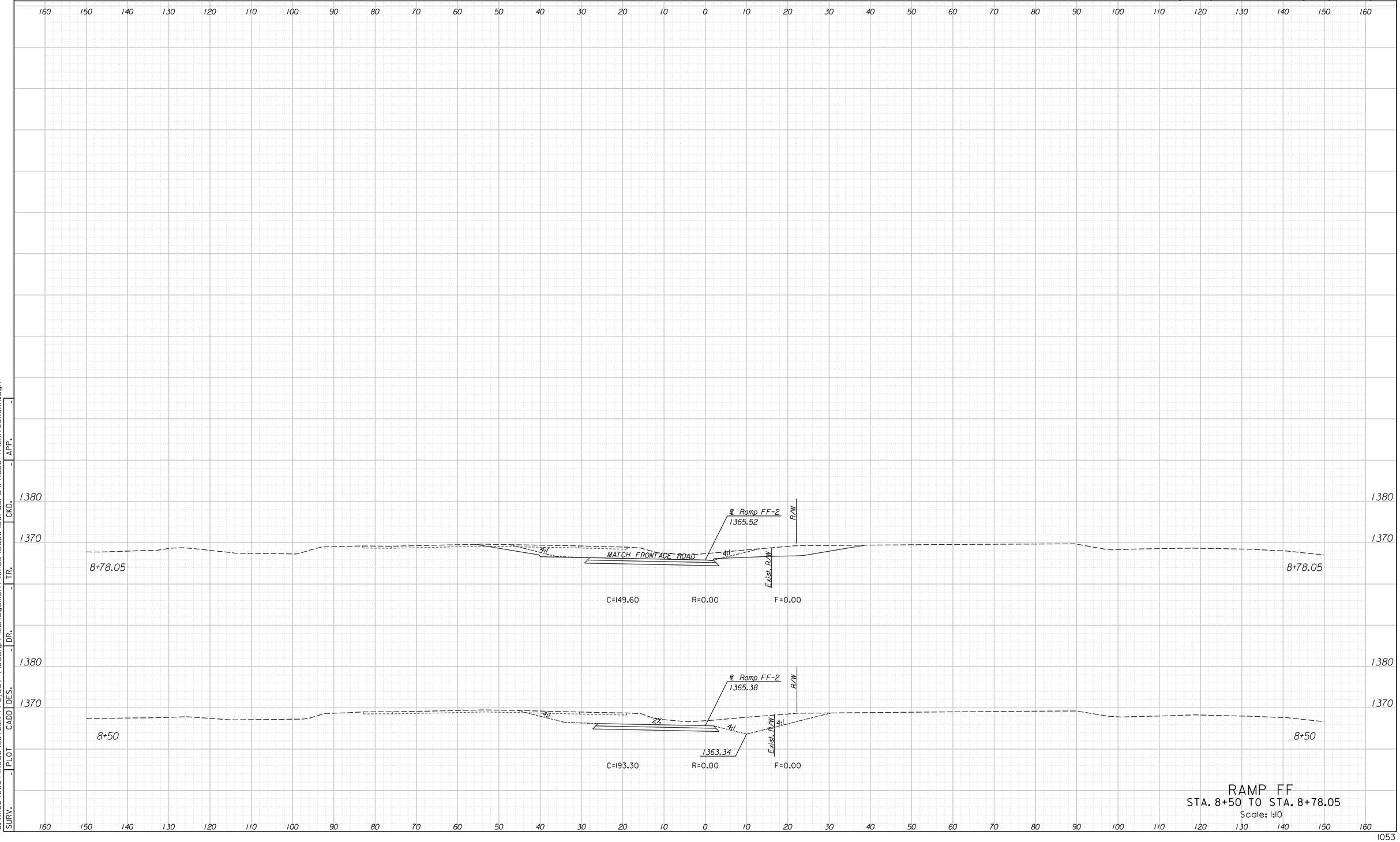
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1053	1055



RAMP FF
STA. 8+50 TO STA. 8+78.05
Scale: 1:10

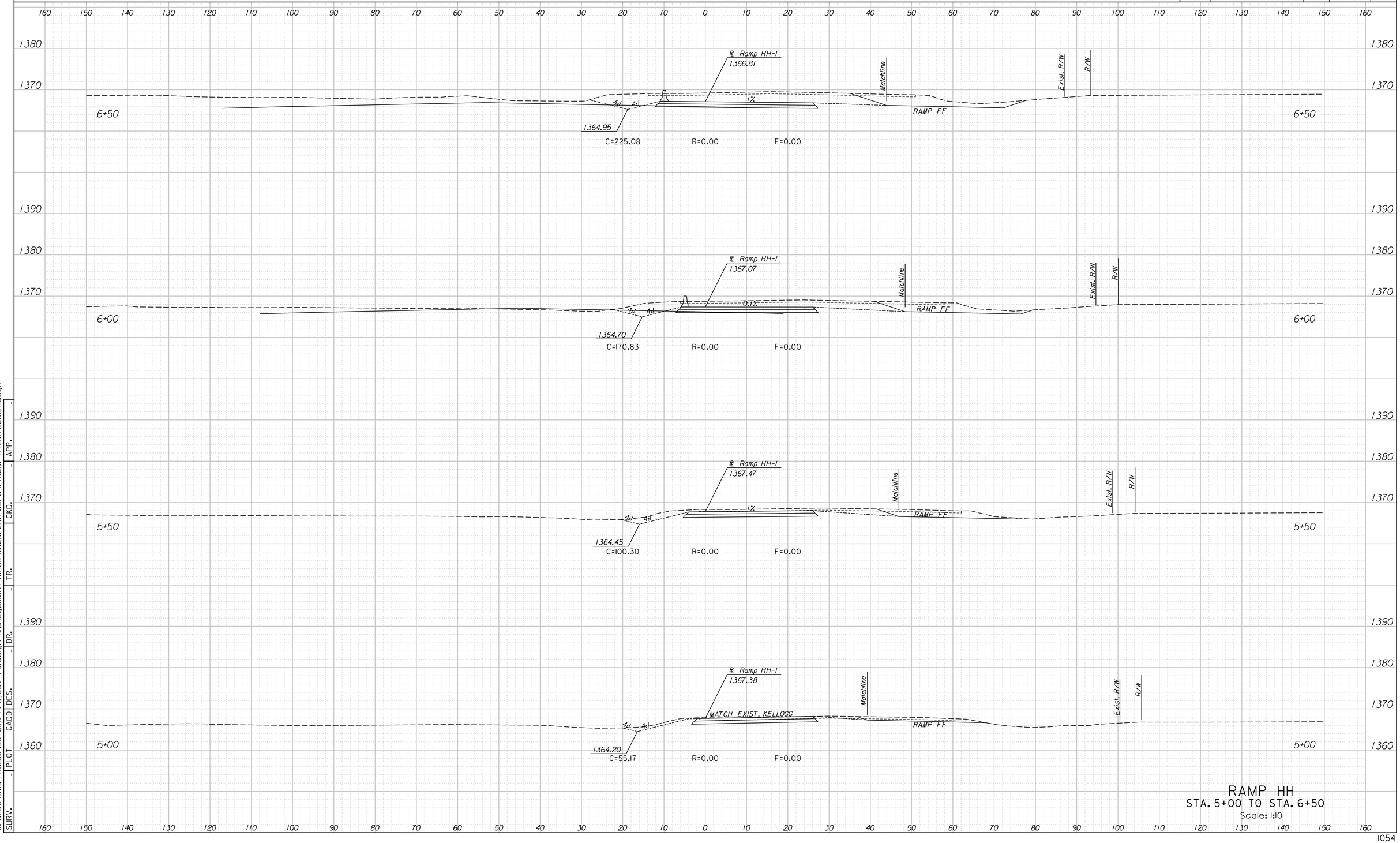
SURV.	PLOT	CADD	DES.	DR.	TR.	CKD.	APP.
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1054	1055



RAMP HH
STA. 5+00 TO STA. 6+50
Scale: 1:10

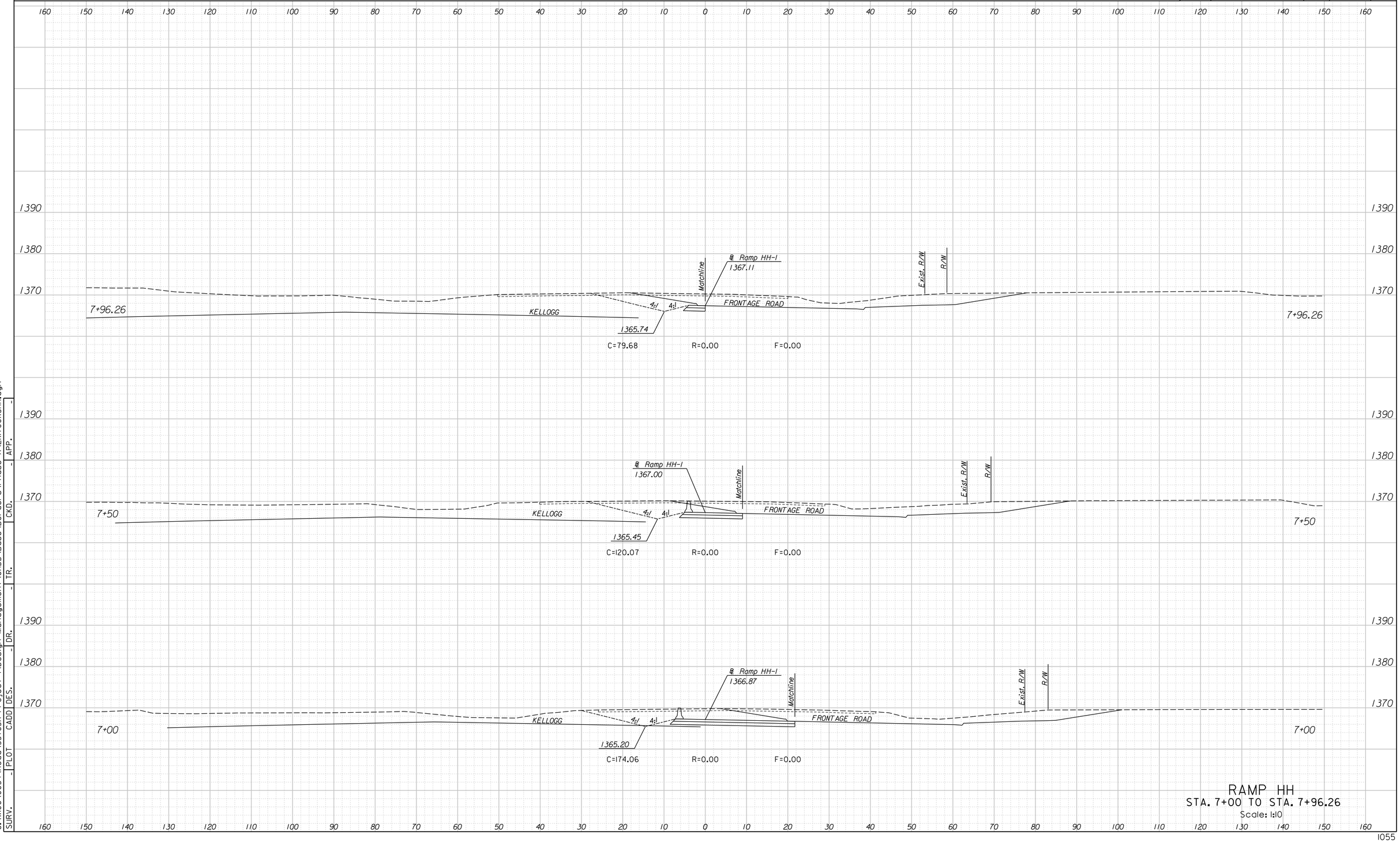
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LEGEND

C = Excavation F = Embankment H = Highly Weathered Shale G = Select Granular Backfill R = Rock Excavation (Exist. Pvmt.) ———— Existing Ground -------- Existing Pavement -------- Temporary Grading ——— Assumed Excavation for MSE Wall (Subsidiary to MSE Wall)

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-85031	2015	1055	1055



RAMP HH
STA. 7+00 TO STA. 7+96.26
Scale: 1:10

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SURV.	-	PLOT	CADD	DES.	DR.	-	TR.	-	CKD.	-	APP.	-