



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

April 7, 2017

Addendum No. 1

RE: Contract # C203800

WBS # 34522.3.5

FA # STP-0016 (52)

Catawba County (R-3100A, R-3100B)

NC-16 From North Of SR-1814 (Caldwell Road) To SR-1895 (Tower Road)

April 18, 2017 Letting

To Whom It May Concern:

Reference is made to the plans and proposal form furnished to you on this project.

The following revisions have been made to the Cross Section plans:

Sheet No.	Revisions
X-88 thru X-94	Sheets were inadvertently omitted

Please staple Sheets No. X-88 thru X-94 after existing Sheet No. X-87 in your plans.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 4-7-17"

Please void the Proposal Cover in your proposal and replace with the revised page.

On the item sheets the following pay items have been added:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
270-812600000-N-414	Culvert Excavation, Sta (165+35.00 -L-)	NEW ITEM	Lump Sum
271-812600000-N-414	Culvert Excavation, Sta (168+23.00 -L-)	NEW ITEM	Lump Sum
272-812600000-N-414	Culvert Excavation, Sta (47+57.00 -L-)	NEW ITEM	Lump Sum

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

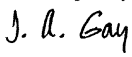
Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

Website: www.ncdot.gov

The Contractor's bid must include these new pay items. The contract will be prepared accordingly.

The Expedite File has been updated to reflect this revision. Please download the Expedite Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

Sincerely,

DocuSigned by:

1C72C8D1867C48E...

J. A. Gay, PE
Proposals and Contracts Engineer

JAG

cc: Mr. Lamar Sylvester, PE
Mr. Mark Stafford, PE
Mr. Bobby Lewis, PE
Mr. R.E. Davenport, PE
Mr. Ken Kennedy, PE
Ms. Jaci Kincaid
Project File (2)

Mr. Ray Arnold, PE
Ms. Theresa Canales, PE
Ms. Marsha Sample
Mr. Mike Gwyn
Ms. Penny Higgins
Ms. Lori Strickland
Mr. Mitchell Dixon

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No. 1 DATED 04-07-2017

DATE AND TIME OF BID OPENING: **APRIL 18, 2017 AT 2:00 PM**

CONTRACT ID C203800
WBS 34522.3.5

FEDERAL-AID NO. STP-0016(52)
COUNTY CATAWBA
T.I.P. NO. R-3100A, R-3100B
MILES 8.045
ROUTE NO. NC 16
LOCATION NC-16 FROM NORTH OF SR-1814 (CALDWELL ROAD) TO SR-1895
(TOWER ROAD).

TYPE OF WORK WIDENING, GRADING, DRAINAGE, PAVING, AND CULVERTS.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & CULVERT PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0004	0008000000-E	200	SUPPLEMENTARY CLEARING & GRUB- BING	3 ACR		
0005	0015000000-N	205	SEALING ABANDONED WELLS	37 EA		
0006	0022000000-E	225	UNCLASSIFIED EXCAVATION	209,600 CY		
0007	0036000000-E	225	UNDERCUT EXCAVATION	17,000 CY		
0008	0106000000-E	230	BORROW EXCAVATION	215,900 CY		
0009	0134000000-E	240	DRAINAGE DITCH EXCAVATION	9,205 CY		
0010	0141000000-E	240	BERM DITCH CONSTRUCTION	4,460 LF		
0011	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	21,750 SY		
0012	0163000000-E	250	REMOVAL OF EXISTING CONCRETE PAVEMENT	340 SY		
0013	0177000000-E	250	BREAKING OF EXISTING ASPHALT PAVEMENT	1,750 SY		
0014	0192000000-N	260	PROOF ROLLING	54 HR		
0015	0195000000-E	265	SELECT GRANULAR MATERIAL	2,000 CY		
0016	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZA- TION	6,200 SY		
0017	0199000000-E	SP	TEMPORARY SHORING	29,095 SF		
0018	0234000000-E	SP	GENERIC GRADING ITEM STREAM BENCH MATERIAL	10 CY		
0019	0318000000-E	300	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	7,735 TON		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0020	0320000000-E	300	FOUNDATION CONDITIONING GEO-TEXTILE	44,450	SY	
0021	0335200000-E	305	15" DRAINAGE PIPE	5,344	LF	
0022	0335300000-E	305	18" DRAINAGE PIPE	1,020	LF	
0023	0335400000-E	305	24" DRAINAGE PIPE	2,448	LF	
0024	0335500000-E	305	30" DRAINAGE PIPE	960	LF	
0025	0335600000-E	305	36" DRAINAGE PIPE	424	LF	
0026	0343000000-E	310	15" SIDE DRAIN PIPE	1,348	LF	
0027	0344000000-E	310	18" SIDE DRAIN PIPE	228	LF	
0028	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	924	LF	
0029	0372000000-E	310	18" RC PIPE CULVERTS, CLASS III	544	LF	
0030	0378000000-E	310	24" RC PIPE CULVERTS, CLASS III	168	LF	
0031	0384000000-E	310	30" RC PIPE CULVERTS, CLASS III	152	LF	
0032	0408000000-E	310	54" RC PIPE CULVERTS, CLASS III	632	LF	
0033	0414000000-E	310	60" RC PIPE CULVERTS, CLASS III	356	LF	
0034	0448000000-E	310	***** RC PIPE CULVERTS, CLASS IV (60")	172	LF	
0035	0448200000-E	310	15" RC PIPE CULVERTS, CLASS IV	18,484	LF	
0036	0448300000-E	310	18" RC PIPE CULVERTS, CLASS IV	3,576	LF	
0037	0448400000-E	310	24" RC PIPE CULVERTS, CLASS IV	3,908	LF	

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0038	0448500000-E	310	30" RC PIPE CULVERTS, CLASS IV	908 LF		
0039	0448600000-E	310	36" RC PIPE CULVERTS, CLASS IV	556 LF		
0040	0448700000-E	310	42" RC PIPE CULVERTS, CLASS IV	280 LF		
0041	0453000000-E	310	*** PIPE END SECTION (15")	57 EA		
0042	0453000000-E	310	*** PIPE END SECTION (18")	7 EA		
0043	0453000000-E	310	*** PIPE END SECTION (24")	2 EA		
0044	0576000000-E	310	*** CS PIPE CULVERTS, ***** THICK (36", 0.079")	172 LF		
0045	0582000000-E	310	15" CS PIPE CULVERTS, 0.064" THICK	740 LF		
0046	0588000000-E	310	18" CS PIPE CULVERTS, 0.064" THICK	156 LF		
0047	0594000000-E	310	24" CS PIPE CULVERTS, 0.064" THICK	60 LF		
0048	0600000000-E	310	30" CS PIPE CULVERTS, 0.079" THICK	156 LF		
0049	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (15", 0.064")	10 EA		
0050	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	1 EA		
0051	0636000000-E	310	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	1 EA		
0052	0995000000-E	340	PIPE REMOVAL	12,002 LF		
0053	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0054	1044000000-E	501	LIME TREATED SOIL (SLURRY METHOD)	88,460 SY		
0055	1066000000-E	501	LIME FOR LIME TREATED SOIL	900 TON		
0056	1099500000-E	505	SHALLOW UNDERCUT	2,000 CY		
0057	1099700000-E	505	CLASS IV SUBGRADE STABILIZATION	3,600 TON		
0058	1110000000-E	510	STABILIZER AGGREGATE	2,000 TON		
0059	1115000000-E	SP	GEOTEXTILE FOR PAVEMENT STABILIZATION	18,667 SY		
0060	1121000000-E	520	AGGREGATE BASE COURSE	4,140 TON		
0061	1176000000-E	542	SOIL CEMENT BASE	88,460 SY		
0062	1187000000-E	542	PORTLAND CEMENT FOR SOIL CEMENT BASE	2,436 TON		
0063	1209000000-E	543	ASPHALT CURING SEAL	26,550 GAL		
0064	1220000000-E	545	INCIDENTAL STONE BASE	400 TON		
0065	1330000000-E	607	INCIDENTAL MILLING	7,000 SY		
0066	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	4,050 TON		
0067	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	65,100 TON		
0068	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	1,360 TON		
0069	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	69,700 TON		
0070	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	4,500 TON		
0071	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	56,800 TON		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0072	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	10,080 TON		
0073	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	1,828 TON		
0074	2022000000-E	815	SUBDRAIN EXCAVATION	840 CY		
0075	2026000000-E	815	GEOTEXTILE FOR SUBSURFACE DRAINS	2,500 SY		
0076	2036000000-E	815	SUBDRAIN COARSE AGGREGATE	420 CY		
0077	2044000000-E	815	6" PERFORATED SUBDRAIN PIPE	2,500 LF		
0078	2070000000-N	815	SUBDRAIN PIPE OUTLET	5 EA		
0079	2077000000-E	815	6" OUTLET PIPE	30 LF		
0080	2099000000-E	816	SHOULDER DRAIN	6,470 LF		
0081	2110000000-E	816	4" SHOULDER DRAIN PIPE	6,470 LF		
0082	2121000000-E	816	4" OUTLET PIPE FOR SHOULDER DRAINS	700 LF		
0083	2132000000-N	816	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	10 EA		
0084	2143000000-E	818	BLOTTING SAND	40 TON		
0085	2209000000-E	838	ENDWALLS	27 CY		
0086	2220000000-E	838	REINFORCED ENDWALLS	17.1 CY		
0087	2264000000-E	840	PIPE PLUGS	2,559 CY		
0088	2275000000-E	SP	FLOWABLE FILL	80 CY		
0089	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	389 EA		
0090	2297000000-E	840	MASONRY DRAINAGE STRUCTURES	20 CY		
0091	2308000000-E	840	MASONRY DRAINAGE STRUCTURES	98 LF		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0092	2354000000-N	840	FRAME WITH GRATE, STD 840.22	21 EA		
0093	2363000000-N	840	FRAME WITH TWO GRATES, STD 840.**** (840.20)	101 EA		
0094	2364000000-N	840	FRAME WITH TWO GRATES, STD 840.16	84 EA		
0095	2365000000-N	840	FRAME WITH TWO GRATES, STD 840.22	56 EA		
0096	2367000000-N	840	FRAME WITH TWO GRATES, STD 840.29	1 EA		
0097	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	12 EA		
0098	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	64 EA		
0099	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	71 EA		
0100	2396000000-N	840	FRAME WITH COVER, STD 840.54	5 EA		
0101	2451000000-N	852	CONCRETE TRANSITIONAL SECTION FOR DROP INLET	76 EA		
0102	2538000000-E	846	***_*** CONCRETE CURB & GUTTER (2'-9")	58,950 LF		
0103	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	28,390 LF		
0104	2556000000-E	846	SHOULDER BERM GUTTER	4,350 LF		
0105	2577000000-E	846	CONCRETE EXPRESSWAY GUTTER	290 LF		
0106	2612000000-E	848	6" CONCRETE DRIVEWAY	8,090 SY		
0107	2619000000-E	850	4" CONCRETE PAVED DITCH	220 SY		
0108	2647000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (SURFACE MOUNTED)	490 SY		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0109	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	10,580 SY		
0110	2738000000-E	SP	GENERIC PAVING ITEM 6" REINFORCED CONCRETE DRIVEWAYS	640 SY		
0111	2759000000-N	SP	GENERIC PAVING ITEM EMERGENCY VEHICLE ACCESS	2 EA		
0112	2938000000-N	859	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	2 EA		
0113	3030000000-E	862	STEEL BM GUARDRAIL	9,500 LF		
0114	3045000000-E	862	STEEL BM GUARDRAIL, SHOP CURVED	225 LF		
0115	3105000000-N	862	STEEL BM GUARDRAIL TERMINAL SECTIONS	2 EA		
0116	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	20 EA		
0117	3195000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE AT-1	5 EA		
0118	3210000000-N	862	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	23 EA		
0119	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	33 EA		
0120	3360000000-E	863	REMOVE EXISTING GUARDRAIL	500 LF		
0121	3503000000-E	866	WOVEN WIRE FENCE, 47" FABRIC	67,690 LF		
0122	3509000000-E	866	4" TIMBER FENCE POSTS, 7'-6" LONG	4,130 EA		
0123	3515000000-E	866	5" TIMBER FENCE POSTS, 8'-0" LONG	1,330 EA		
0124	3628000000-E	876	RIP RAP, CLASS I	350 TON		
0125	3635000000-E	876	RIP RAP, CLASS II	2,394 TON		
0126	3649000000-E	876	RIP RAP, CLASS B	304 TON		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0127	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	10,756		
				SY		
0128	3659000000-N	SP	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON	10		
				EA		
0129	4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	6,035		
				LF		
0130	4096000000-N	904	SIGN ERECTION, TYPE D	12		
				EA		
0131	4102000000-N	904	SIGN ERECTION, TYPE E	263		
				EA		
0132	4108000000-N	904	SIGN ERECTION, TYPE F	56		
				EA		
0133	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	1		
				EA		
0134	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	3		
				EA		
0135	4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	136		
				EA		
0136	4158000000-N	907	DISPOSAL OF SIGN SYSTEM, WOOD	3		
				EA		
0137	4192000000-N	907	DISPOSAL OF SUPPORT, U-CHANNEL	4		
				EA		
0138	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	1,758		
				SF		
0139	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	352		
				SF		
0140	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	298		
				SF		
0141	4415000000-N	1115	FLASHING ARROW BOARD	4		
				EA		
0142	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	2		
				EA		
0143	4430000000-N	1130	DRUMS	1,608		
				EA		
0144	4435000000-N	1135	CONES	250		
				EA		
0145	4445000000-E	1145	BARRICADES (TYPE III)	1,556		
				LF		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0146	4450000000-N	1150	FLAGGER	4,500 HR		
0147	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	18 EA		
0148	4470000000-N	1160	RESET TEMPORARY CRASH CUSHION	11 EA		
0149	4480000000-N	1165	TMA	2 EA		
0150	4490000000-E	1170	PORTABLE CONCRETE BARRIER (ANCHORED)	4,150 LF		
0151	4505000000-E	1170	RESET PORTABLE CONCRETE BAR- RIER (ANCHORED)	2,998 LF		
0152	4510000000-N	SP	LAW ENFORCEMENT	200 HR		
0153	4516000000-N	1180	SKINNY DRUM	100 EA		
0154	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	510 EA		
0155	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	165 LF		
0156	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	230 LF		
0157	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	1,940 LF		
0158	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	1,025 LF		
0159	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	208 EA		
0160	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	611,556 LF		
0161	4820000000-E	1205	PAINT PAVEMENT MARKING LINES (8")	2,772 LF		
0162	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	2,288 LF		
0163	4840000000-N	1205	PAINT PAVEMENT MARKING CHARAC- TER	10 EA		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0164	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	101 EA		
0165	4847000000-E	1205	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)	140,228 LF		
0166	4847110000-E	1205	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)	15,560 LF		
0167	4850000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (4")	9,178 LF		
0168	4875000000-N	1205	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	9 EA		
0169	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	2,603 EA		
0170	4915000000-E	1264	7' U-CHANNEL POSTS	6 EA		
0171	4955000000-N	1264	OBJECT MARKERS (END OF ROAD)	6 EA		
0172	5325800000-E	1510	8" WATER LINE	70 LF		
0173	5326200000-E	1510	12" WATER LINE	28,603 LF		
0174	5329000000-E	SP	DUCTILE IRON WATER PIPE FITTINGS	10,770 LB		
0175	5546000000-E	1515	8" VALVE	1 EA		
0176	5558000000-E	1515	12" VALVE	65 EA		
0177	5589100000-E	1515	1" AIR RELEASE VALVE	2 EA		
0178	5606000000-E	1515	2" BLOW OFF	1 EA		
0179	5648000000-N	1515	RELOCATE WATER METER	1 EA		
0180	5666000000-E	1515	FIRE HYDRANT	39 EA		
0181	5672000000-N	1515	RELOCATE FIRE HYDRANT	4 EA		
0182	5691400000-E	1520	10" SANITARY GRAVITY SEWER	330 LF		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0183	5775000000-E	1525	4' DIA UTILITY MANHOLE	3 EA		
0184	5801000000-E	1530	ABANDON 8" UTILITY PIPE	70 LF		
0185	5802000000-E	1530	ABANDON 10" UTILITY PIPE	175 LF		
0186	5804000000-E	1530	ABANDON 12" UTILITY PIPE	2,641 LF		
0187	5835900000-E	1540	20" ENCASEMENT PIPE	1,920 LF		
0188	5836000000-E	1540	24" ENCASEMENT PIPE	190 LF		
0189	5872100000-E	1550	TRENCHLESS INSTALLATION OF 20" IN SOIL	808 LF		
0190	5872110000-E	1550	TRENCHLESS INSTALLATION OF 20" NOT IN SOIL	807 LF		
0191	5872200000-E	1550	TRENCHLESS INSTALLATION OF 24" IN SOIL	95 LF		
0192	5872210000-E	1550	TRENCHLESS INSTALLATION OF 24" NOT IN SOIL	95 LF		
0193	6000000000-E	1605	TEMPORARY SILT FENCE	86,000 LF		
0194	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	4,415 TON		
0195	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	10,470 TON		
0196	6012000000-E	1610	SEDIMENT CONTROL STONE	9,700 TON		
0197	6015000000-E	1615	TEMPORARY MULCHING	216 ACR		
0198	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	10,800 LB		
0199	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	55 TON		
0200	6024000000-E	1622	TEMPORARY SLOPE DRAINS	5,100 LF		
0201	6029000000-E	SP	SAFETY FENCE	3,200 LF		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0202	6030000000-E	1630	SILT EXCAVATION	40,800 CY		
0203	6036000000-E	1631	MATTING FOR EROSION CONTROL	154,100 SY		
0204	6037000000-E	SP	COIR FIBER MAT	960 SY		
0205	6038000000-E	SP	PERMANENT SOIL REINFORCEMENT MAT	18,550 SY		
0206	6042000000-E	1632	1/4" HARDWARE CLOTH	22,900 LF		
0207	6045000000-E	SP	*** TEMPORARY PIPE (18")	450 LF		
0208	6045000000-E	SP	*** TEMPORARY PIPE (24")	280 LF		
0209	6045000000-E	SP	*** TEMPORARY PIPE (36")	1,800 LF		
0210	6045000000-E	SP	*** TEMPORARY PIPE (60")	125 LF		
0211	6069000000-E	1638	STILLING BASINS	275 CY		
0212	6070000000-N	1639	SPECIAL STILLING BASINS	4 EA		
0213	6071012000-E	SP	COIR FIBER WATTLE	16,700 LF		
0214	6071020000-E	SP	POLYACRYLAMIDE (PAM)	12,800 LB		
0215	6071030000-E	1640	COIR FIBER BAFFLE	9,900 LF		
0216	6071050000-E	SP	*** SKIMMER (1-1/2")	40 EA		
0217	6071050000-E	SP	*** SKIMMER (2")	11 EA		
0218	6071050000-E	SP	*** SKIMMER (2-1/2")	1 EA		
0219	6084000000-E	1660	SEEDING & MULCHING	162 ACR		
0220	6087000000-E	1660	MOWING	120 ACR		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0221	6090000000-E	1661	SEED FOR REPAIR SEEDING	2,200 LB		
0222	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	5.75 TON		
0223	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	3,300 LB		
0224	6108000000-E	1665	FERTILIZER TOPDRESSING	99 TON		
0225	6111000000-E	SP	IMPERVIOUS DIKE	580 LF		
0226	6114500000-N	1667	SPECIALIZED HAND MOWING	50 MHR		
0227	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	225 EA		
0228	6120000000-E	SP	CULVERT DIVERSION CHANNEL	175 CY		
0229	6123000000-E	1670	REFORESTATION	2 ACR		
0230	6126000000-E	SP	STREAMBANK REFORESTATION	0.52 ACR		
0231	6132000000-N	SP	GENERIC EROSION CONTROL ITEM CONCRETE WASHOUT STRUCTURE	18 EA		
0232	7060000000-E	1705	SIGNAL CABLE	6,840 LF		
0233	7120000000-E	1705	VEHICLE SIGNAL HEAD (12", 3 SECTION)	62 EA		
0234	7132000000-E	1705	VEHICLE SIGNAL HEAD (12", 4 SECTION)	5 EA		
0235	7144000000-E	1705	VEHICLE SIGNAL HEAD (12", 5 SECTION)	1 EA		
0236	7264000000-E	1710	MESSENGER CABLE (3/8")	3,810 LF		
0237	7300000000-E	1715	UNPAVED TRENCHING (***** (1, 2")	2,355 LF		
0238	7301000000-E	1715	DIRECTIONAL DRILL (***** (1, 2")	160 LF		
0239	7324000000-N	1716	JUNCTION BOX (STANDARD SIZE)	29 EA		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0240	7360000000-N	1720	WOOD POLE	12 EA		
0241	7372000000-N	1721	GUY ASSEMBLY	24 EA		
0242	7408000000-E	1722	1" RISER WITH WEATHERHEAD	3 EA		
0243	7420000000-E	1722	2" RISER WITH WEATHERHEAD	6 EA		
0244	7444000000-E	1725	INDUCTIVE LOOP SAWCUT	3,650 LF		
0245	7456000000-E	1726	LEAD-IN CABLE (***** (14-2)	13,090 LF		
0246	7481000000-N	SP	SITE SURVEY	3 EA		
0247	7481200000-N	SP	LUMINAIRE ARM FOR VIDEO SYSTEM	6 EA		
0248	7481240000-N	SP	CAMERA WITHOUT INTERNAL LOOP EMULATOR PROCESSING UNIT	12 EA		
0249	7481260000-N	SP	EXTERNAL LOOP EMULATOR PRO- CESSING UNIT	3 EA		
0250	7481280000-N	SP	RELOCATE CAMERA SENSOR UNIT	24 EA		
0251	7576000000-N	SP	METAL STRAIN SIGNAL POLE	12 EA		
0252	7613000000-N	SP	SOIL TEST	12 EA		
0253	7614100000-E	SP	DRILLED PIER FOUNDATION	72 CY		
0254	7636000000-N	1745	SIGN FOR SIGNALS	4 EA		
0255	7684000000-N	1750	SIGNAL CABINET FOUNDATION	3 EA		
0256	7756000000-N	1751	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	3 EA		
0257	7780000000-N	1751	DETECTOR CARD (TYPE 2070L)	20 EA		
0258	7901000000-N	1753	CABINET BASE EXTENDER	3 EA		

County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
CULVERT ITEMS						
0259	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (192+97.00 -L-)	Lump Sum	L.S.	
0260	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (230+73.00 -L-)	Lump Sum	L.S.	
0261	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (28+98.00 -L-)	Lump Sum	L.S.	
0262	8126000000-N	414	CULVERT EXCAVATION, STA ***** (192+97.00 -L-)	Lump Sum	L.S.	
0263	8126000000-N	414	CULVERT EXCAVATION, STA ***** (230+73.00 -L-)	Lump Sum	L.S.	
0264	8126000000-N	414	CULVERT EXCAVATION, STA ***** (28+98.00 -L-)	Lump Sum	L.S.	
0265	8126000000-N	414	CULVERT EXCAVATION, STA ***** (43+58.00 -L-)	Lump Sum	L.S.	
0266	8133000000-E	414	FOUNDATION CONDITIONING MATERIAL, BOX CULVERT	1,264 TON		
0267	8196000000-E	420	CLASS A CONCRETE (CULVERT)	1,642.5 CY		
0268	8245000000-E	425	REINFORCING STEEL (CULVERT)	210,695 LB		
0270	8126000000-N	414	CULVERT EXCAVATION, STA ***** (165+35.00-L-)	Lump Sum	L.S.	
0271	8126000000-N	414	CULVERT EXCAVATION, STA ***** (168+23.00-L-)	Lump Sum	L.S.	
0272	8126000000-N	414	CULVERT EXCAVATION, STA ***** (47+57.00-L-)	Lump Sum	L.S.	

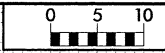
County : Catawba

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
WALL ITEMS						
0269	8847000000-E	SP	GENERIC RETAINING WALL ITEM ANCHORED SHEET PILE RETAINING WALL	6,782	SF	

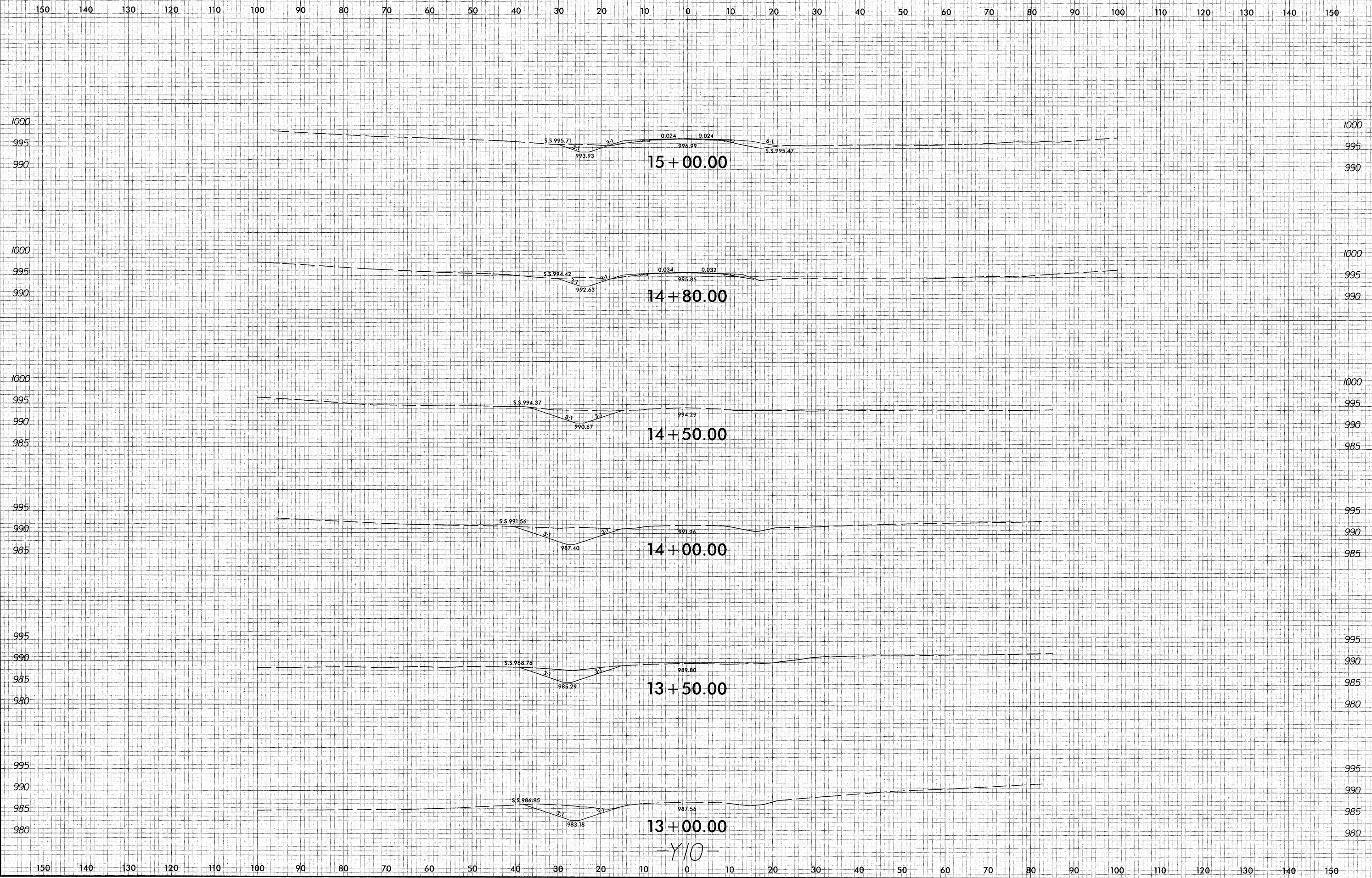
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Total Amount Of Bid For Entire Project :

8/23/99



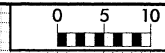
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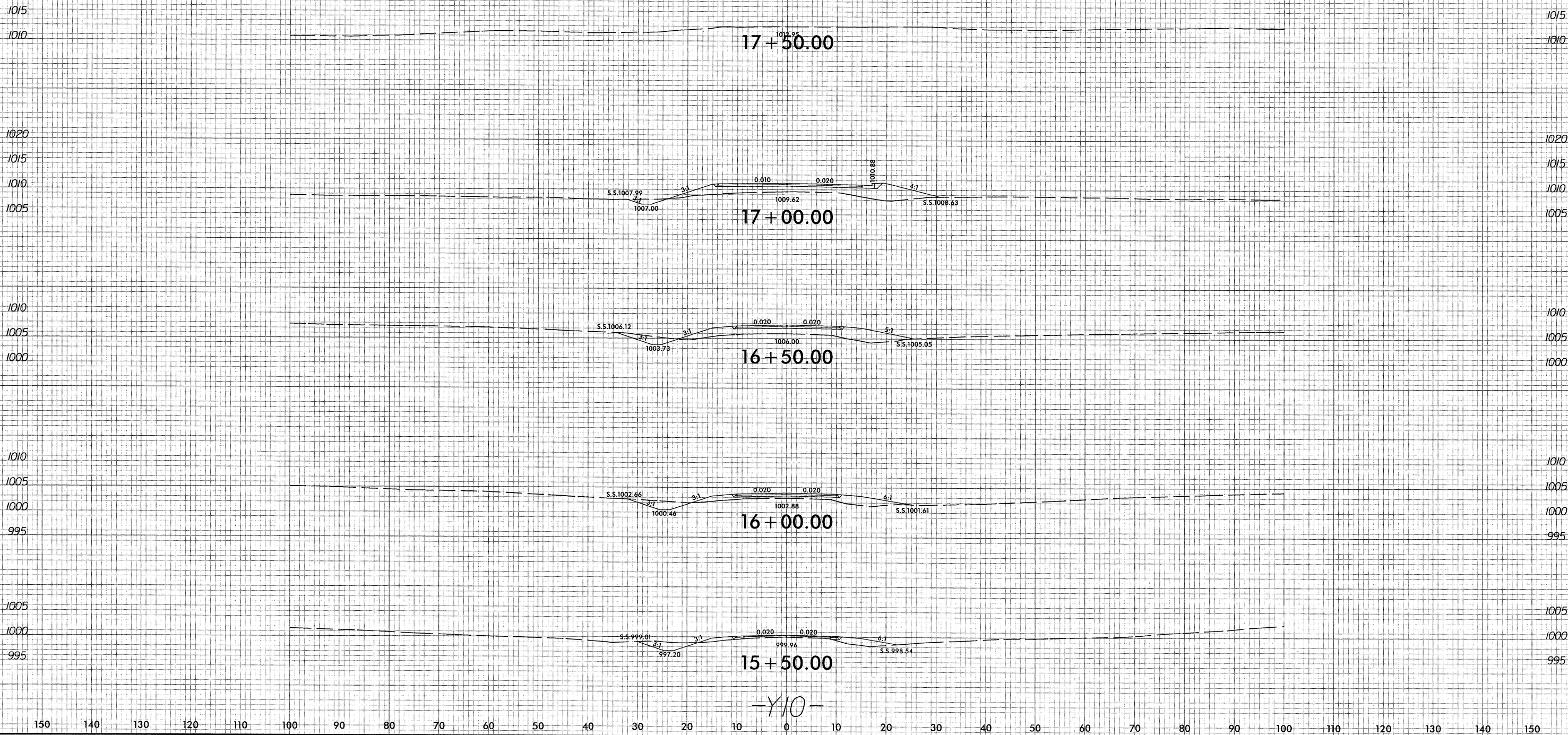
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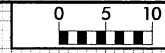
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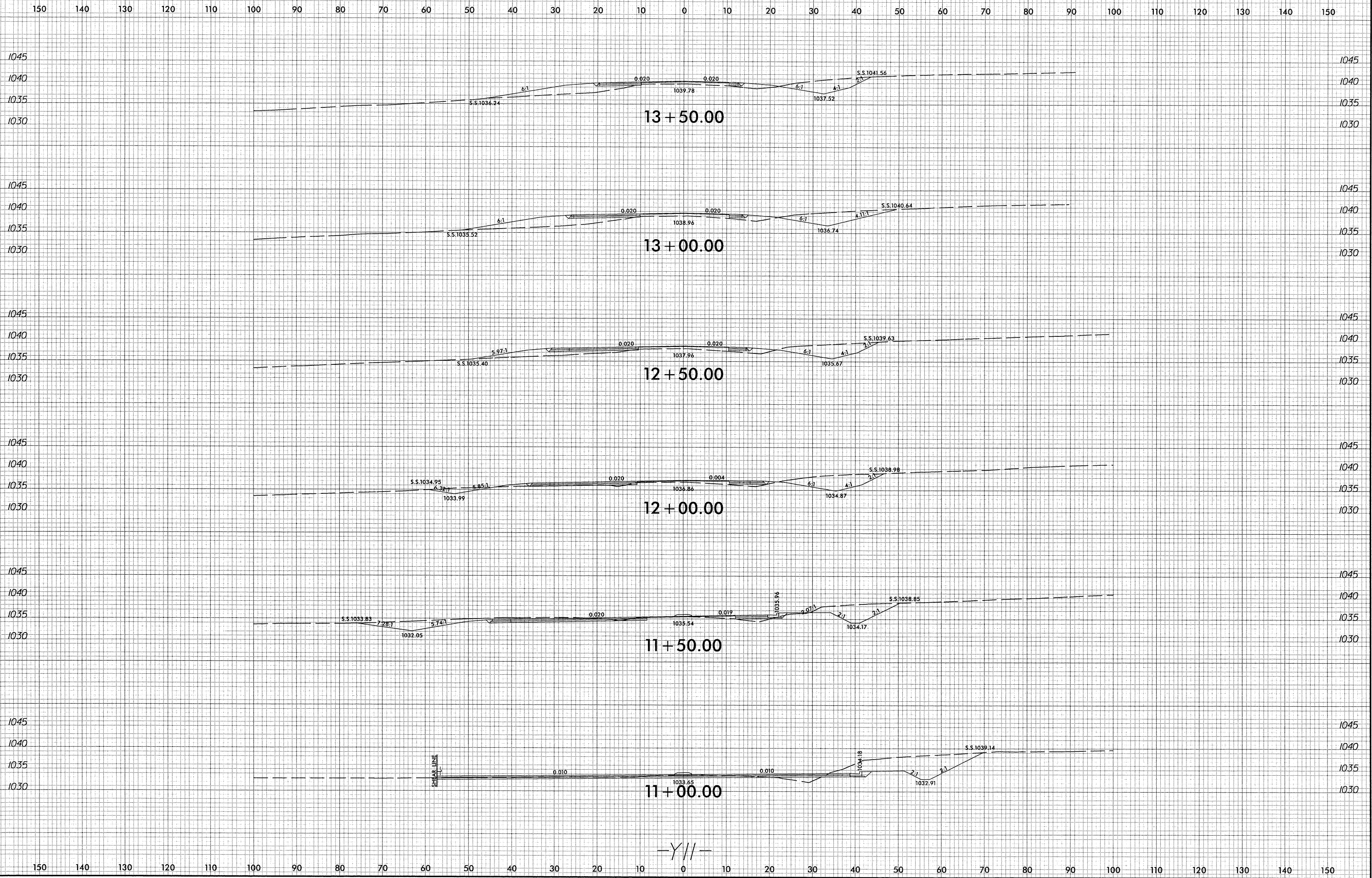


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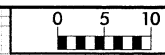


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R-3100B	X-90



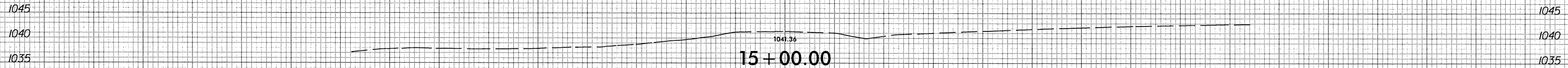
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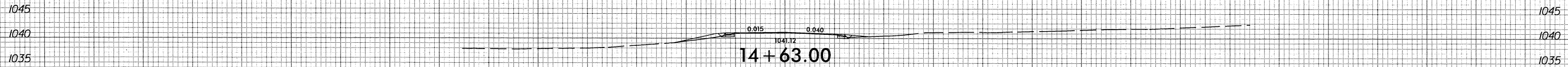


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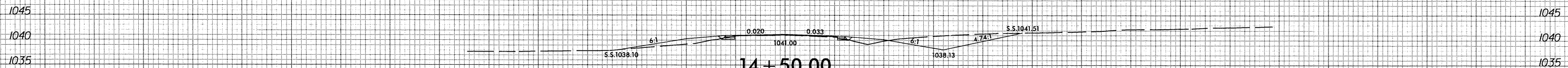
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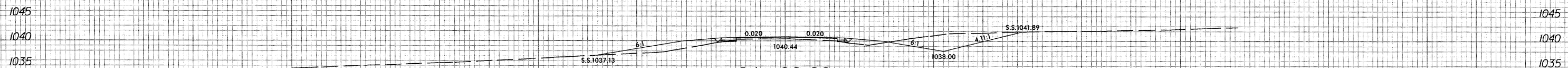
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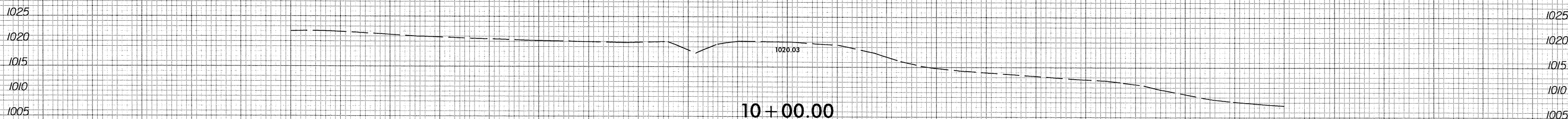
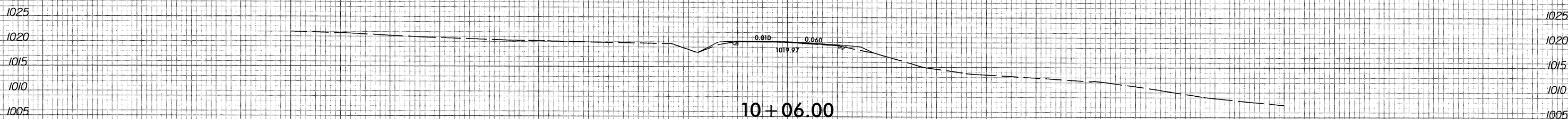
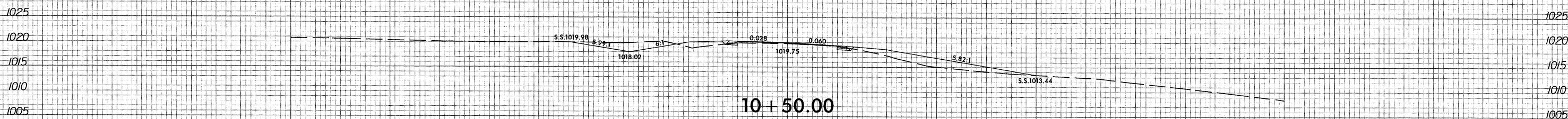
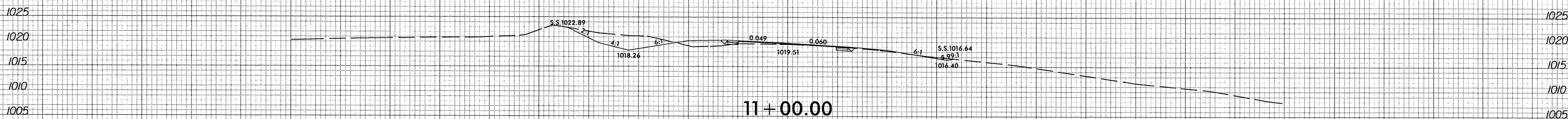
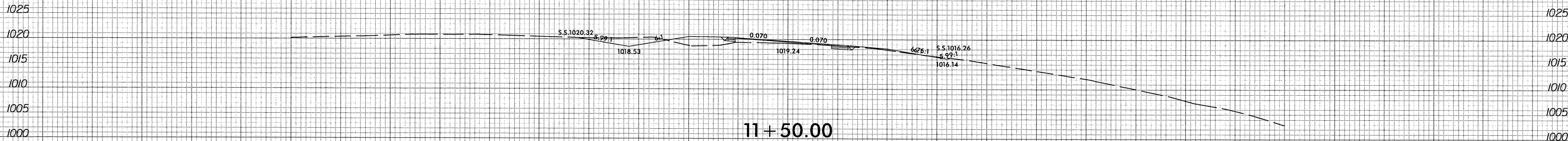
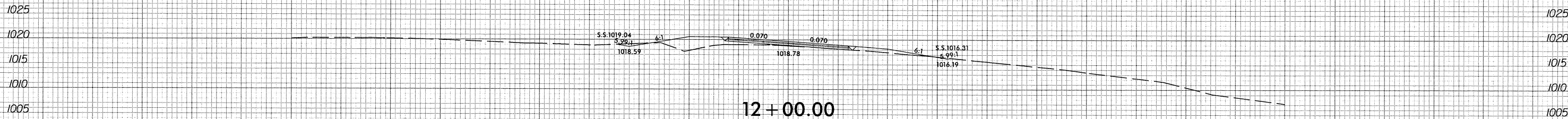
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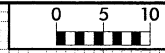


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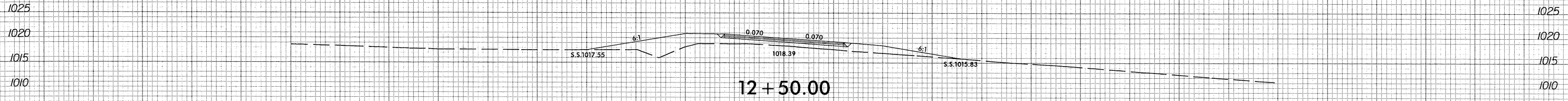
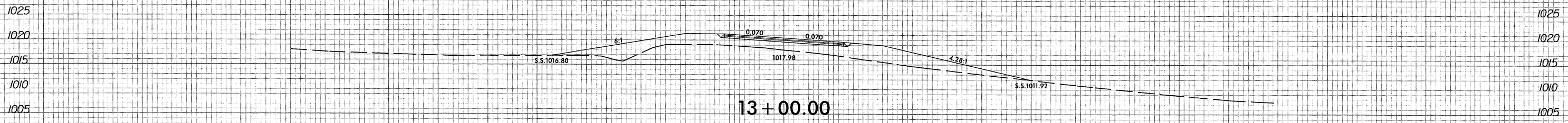
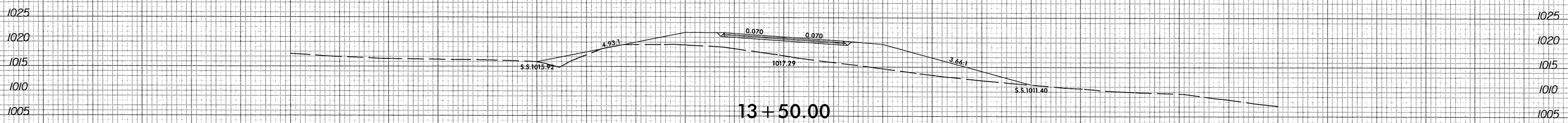
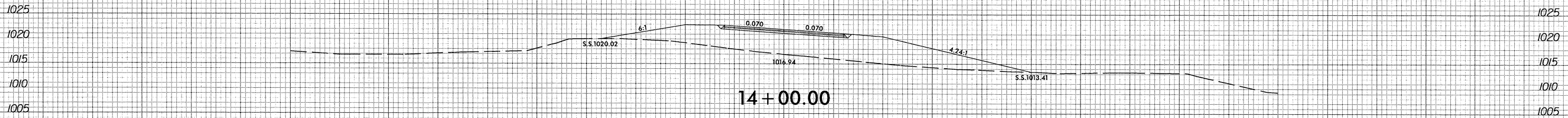
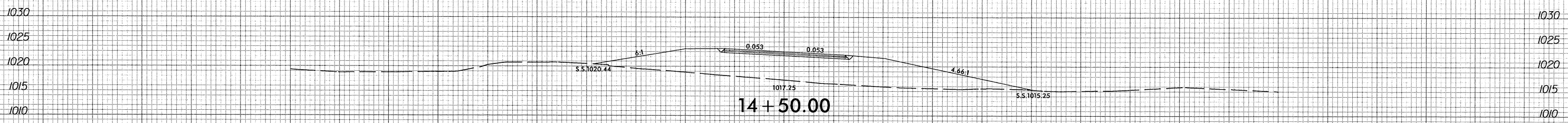
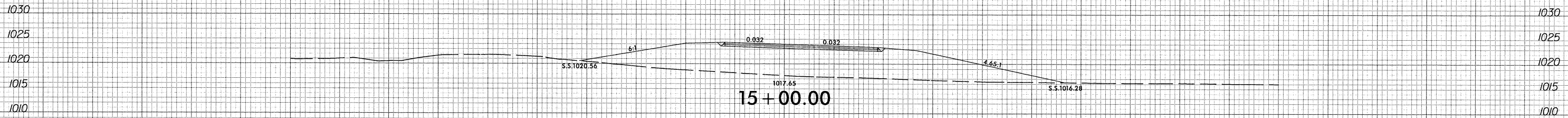
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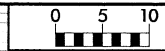


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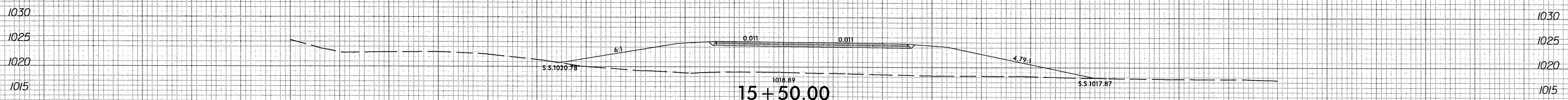
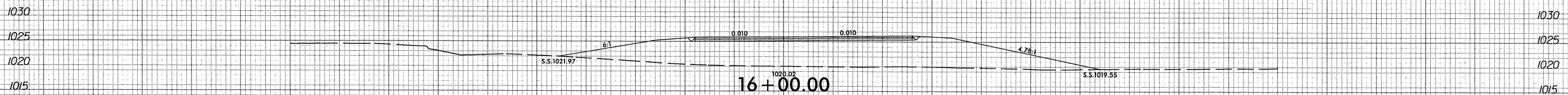
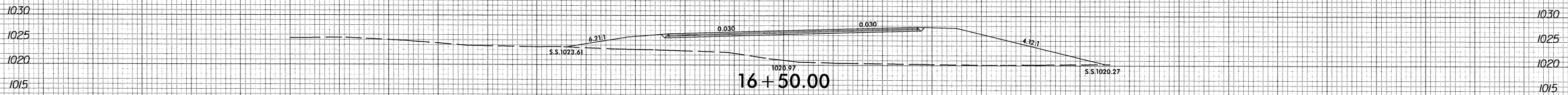
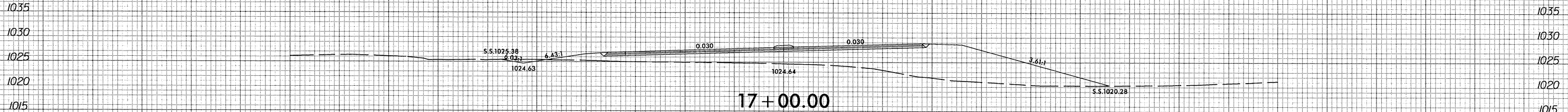
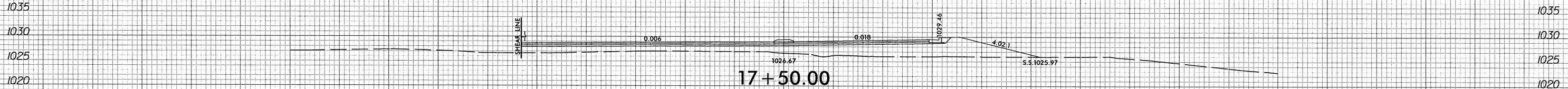
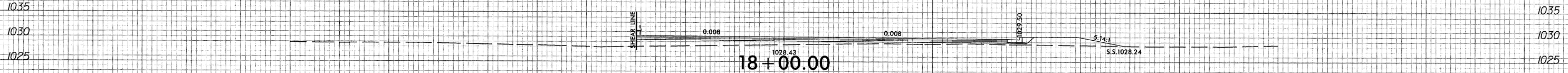
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