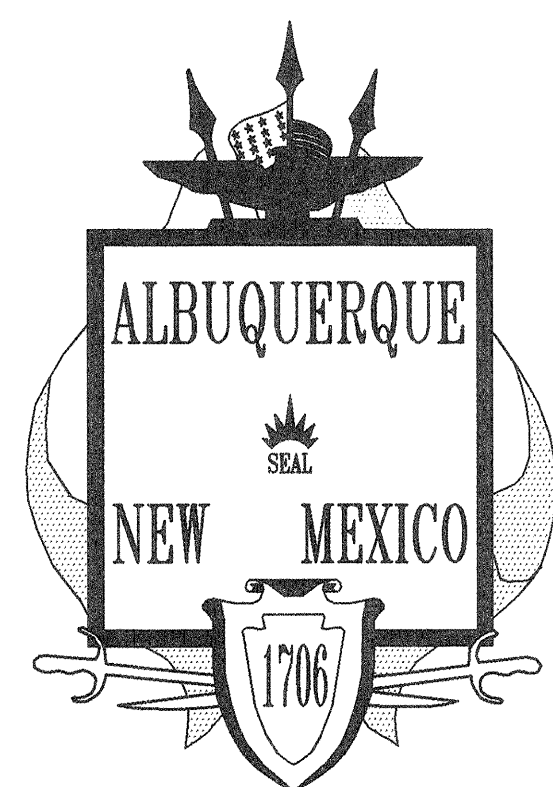
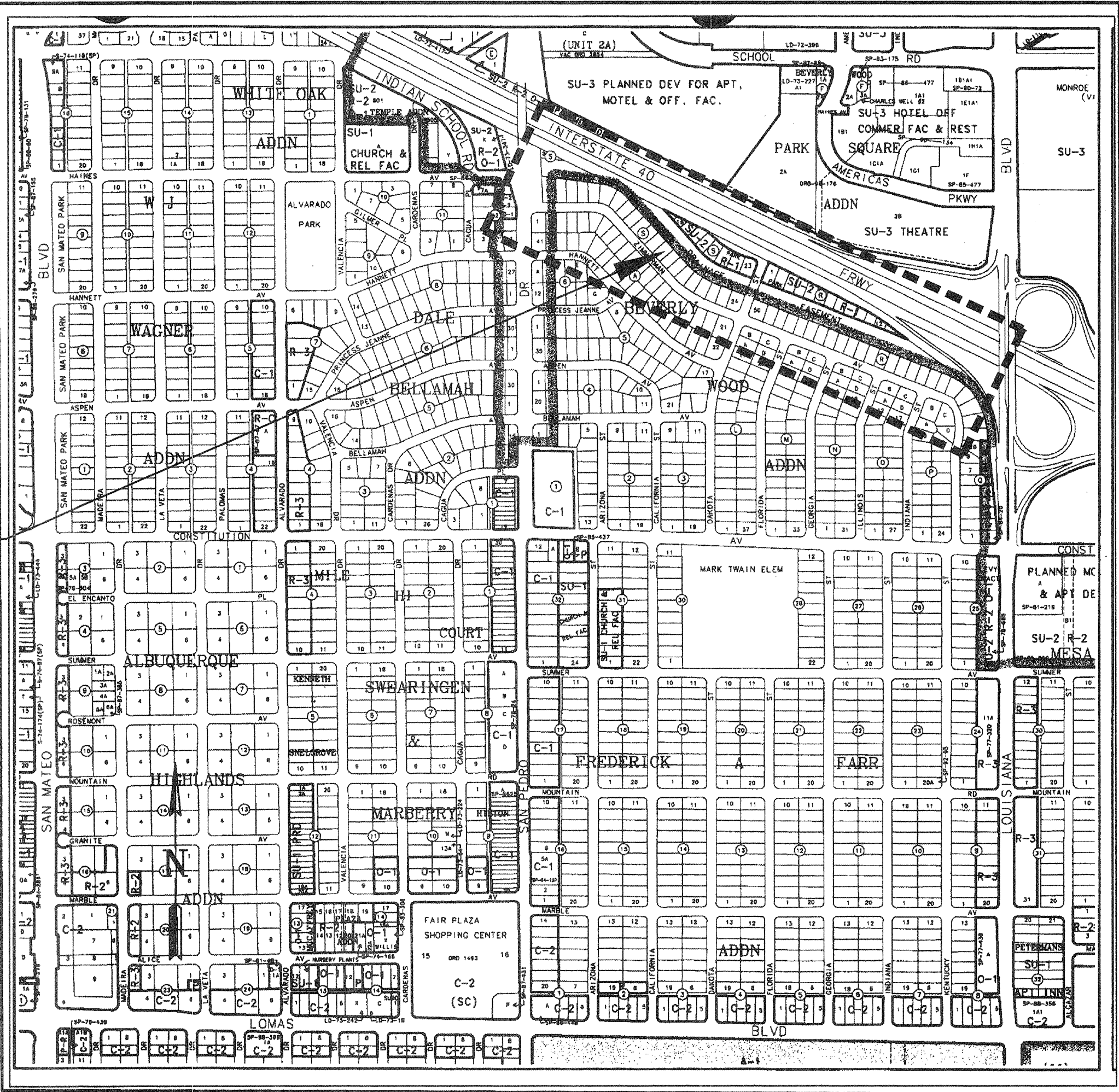


I-40 TRAIL SAN PEDRO TO LOUISIANA

CONSTRUCTION PLANS ALBUQUERQUE, NEW MEXICO



SITE



VICINITY MAP

ZONE ATLAS
N.T.S.

INDEX OF SHEETS

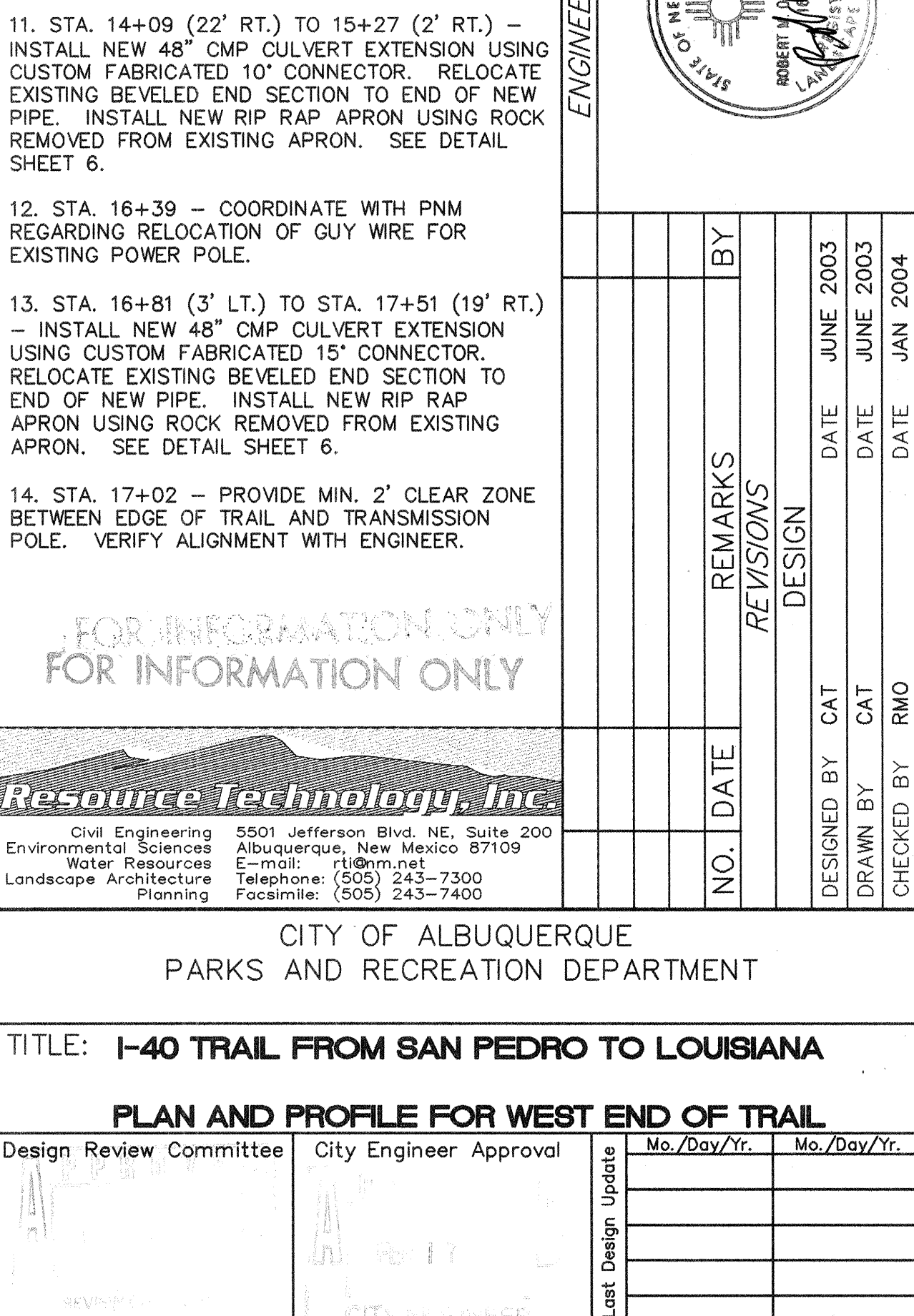
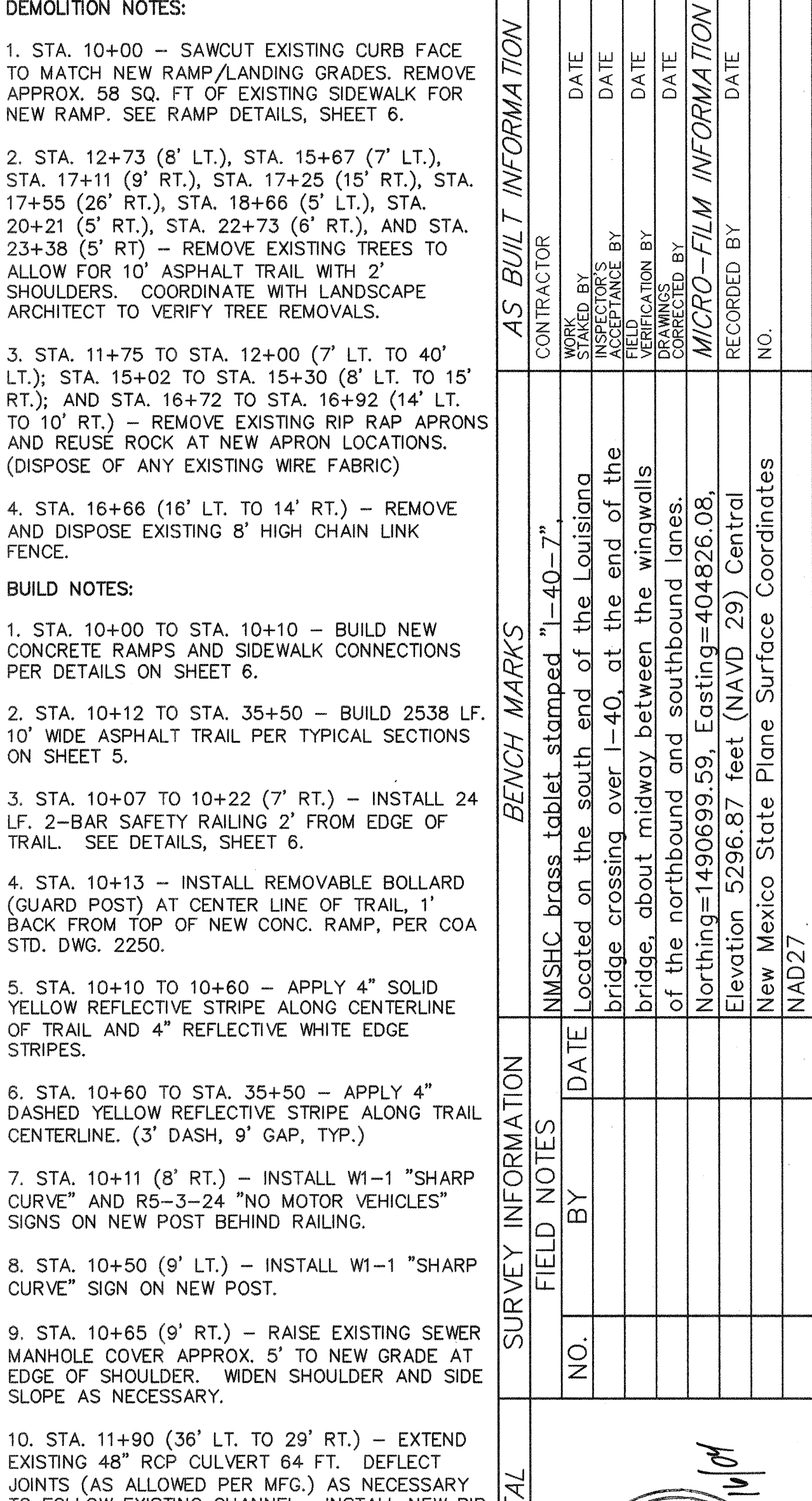
SHEET NO.	TITLE
1 OF 9	COVER SHEET
2 OF 9	GENERAL NOTES
3 OF 9	PLAN AND PROFILE WEST END
4 OF 9	PLAN AND PROFILE EAST END
5 OF 9	TYPICAL SECTIONS
6 OF 9	DETAILS
7 OF 9	EROSION CONTROL AND REVEGETATION
8 OF 9	EARTHWORK SECTIONS
9 OF 9	EARTHWORK SECTIONS

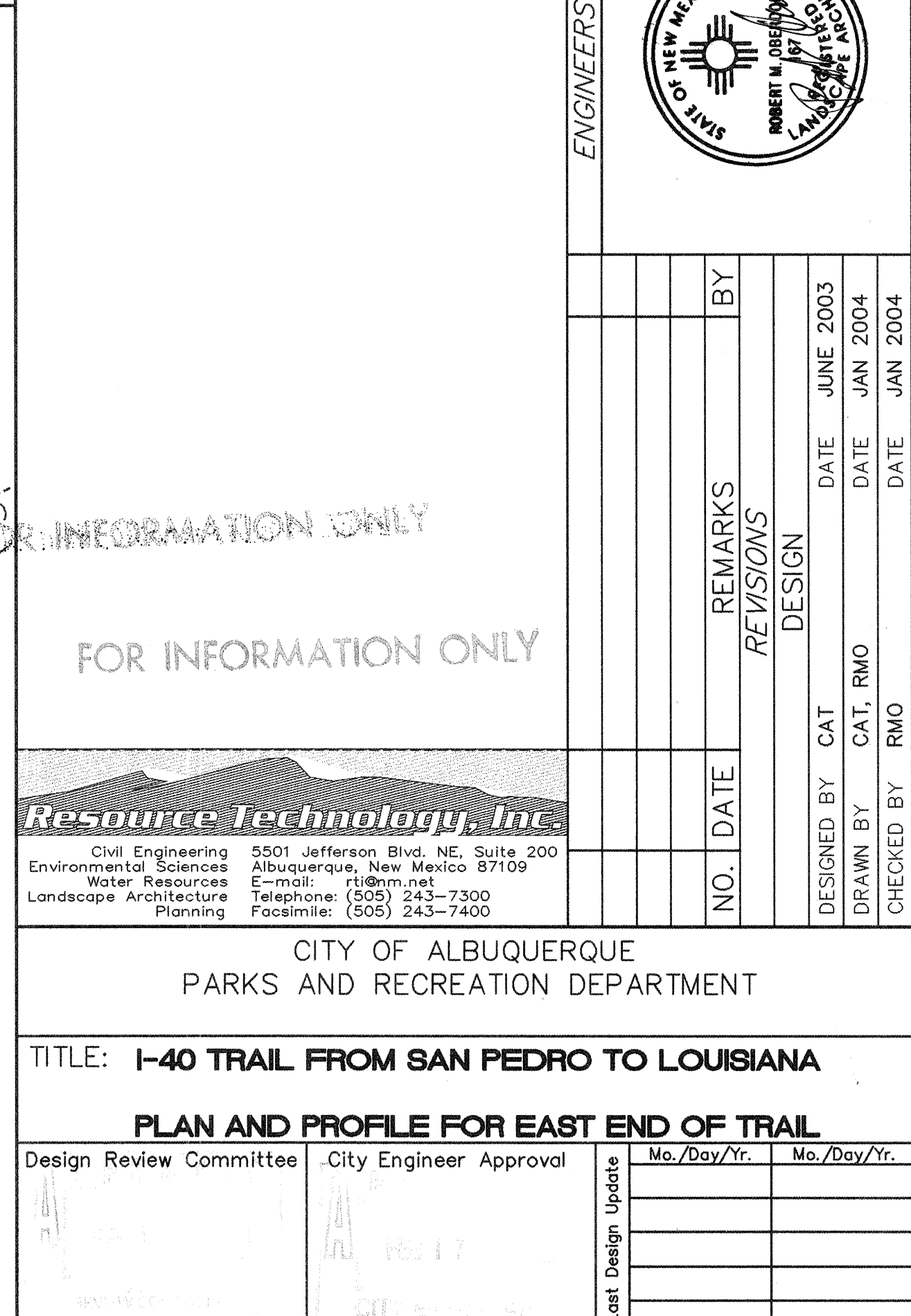
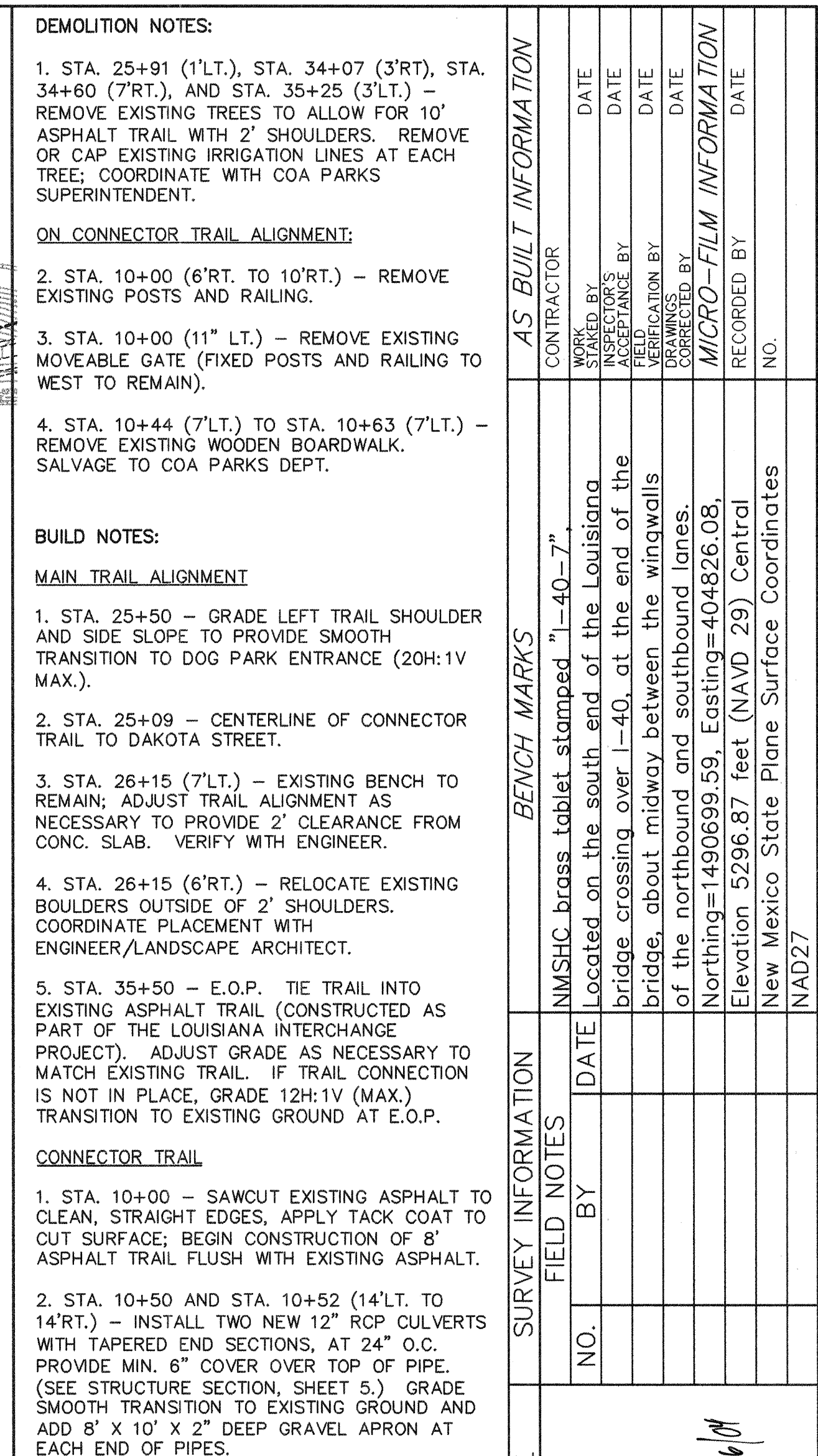
FOR INFORMATION ONLY

Resource Technology, Inc.
Civil Engineering
Environmental Sciences
Water Resources
Landscape Architecture
Planning

5501 Jefferson Blvd. NE, Suite 200
Albuquerque, New Mexico 87109
E-mail: rti@nmnet
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	APPROVED FOR CONSTRUCTION	
		DRC CHAIRMAN		<i>[Signature]</i>	2-16-04	<i>[Signature]</i> 2-17-04 CITY ENGINEER DATE	
		TRANSPORTATION		<i>[Signature]</i>	2/29/04		
		WATER/WASTEWATER		<i>[Signature]</i>	2/29/04		
		HYDROLOGY		<i>[Signature]</i>	2/29/04		
		CIP		<i>[Signature]</i>	2-16-04		
CONSTR. COORD.							
PARKS							
CITY PROJECT NO.		6446.06		SHEET		1 OF 9	





2" GRAVEL MULCH
OVER NATIVE SEEDING

3' TYP.

2'

FILL SLOPE
3:1 TYP.

4" STRIPE

2% 2% 2% 2%

10'

2'

VARIES

SWALE ON UPHILL SIDE
FORMED BY FILL SLOPE OFF
LEFT SHOULDER
(DEPTH VARIES)

12" SUBGRADE
COMPACTED TO 95%
(MIN. "R" VALUE: 50)

3" ASPHALT, TYPE "C",
1500 LB. STABILITY

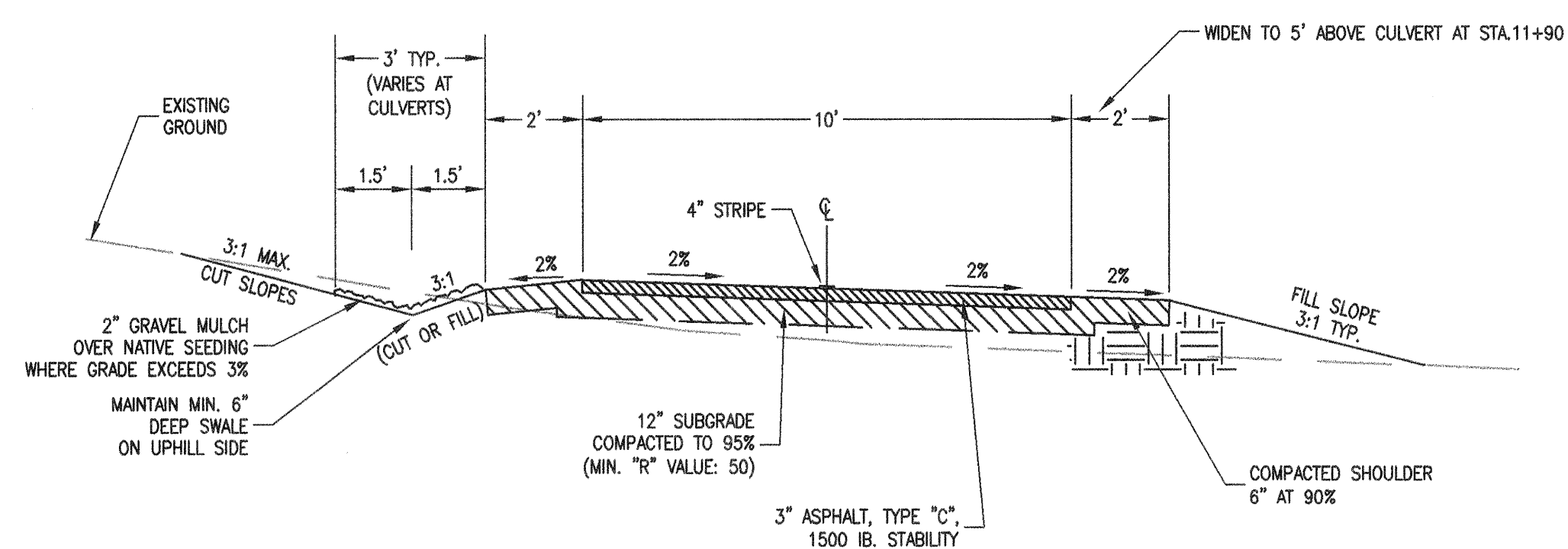
6" AT 90%
COMPACTED SHOULDER

EXIST. GROUND

FILL SLOPE
3:1

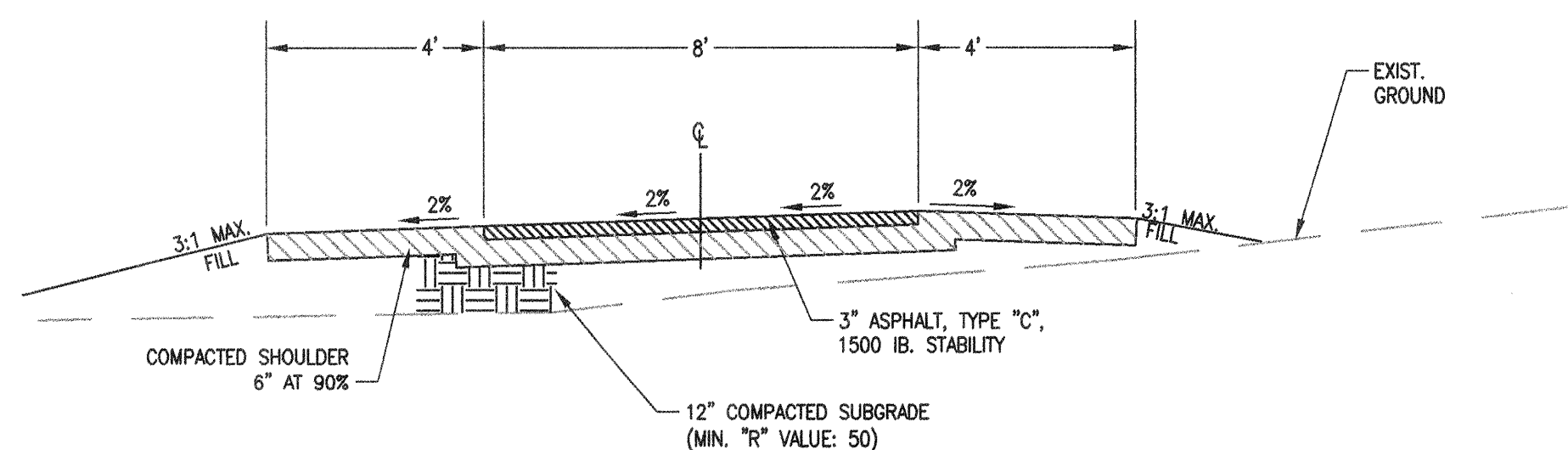
STA. 10+07.33 TO 11+25.00

NOT TO SCALE



STA. 11+25 TO 35+50

NOT TO SCALE

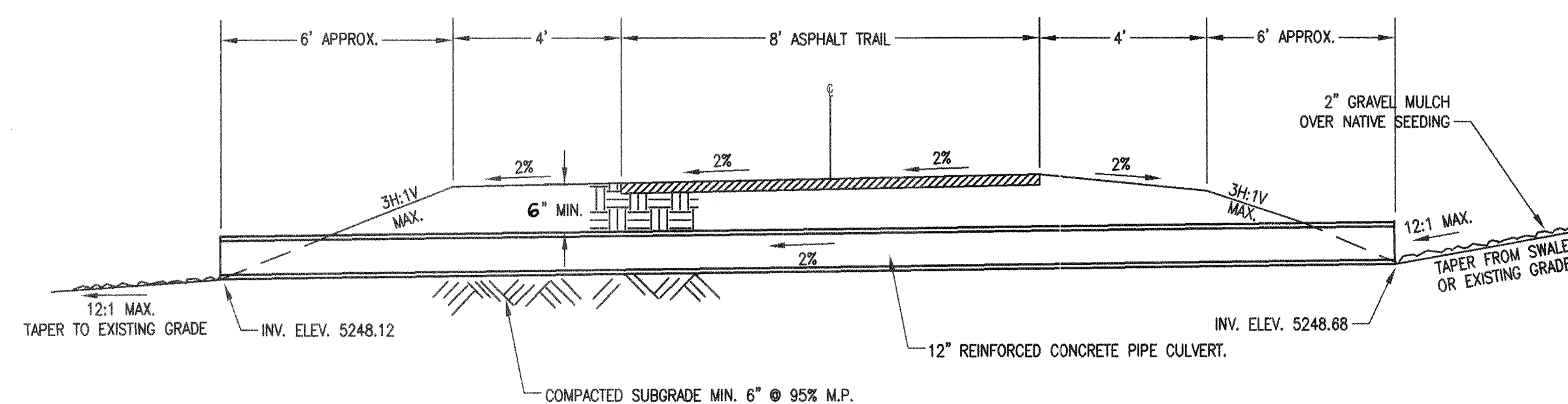


STA. 10+00 TO 10+99.79
OF CONNECTOR TRAIL TO DAKOTA STREET

NOT TO SCALE

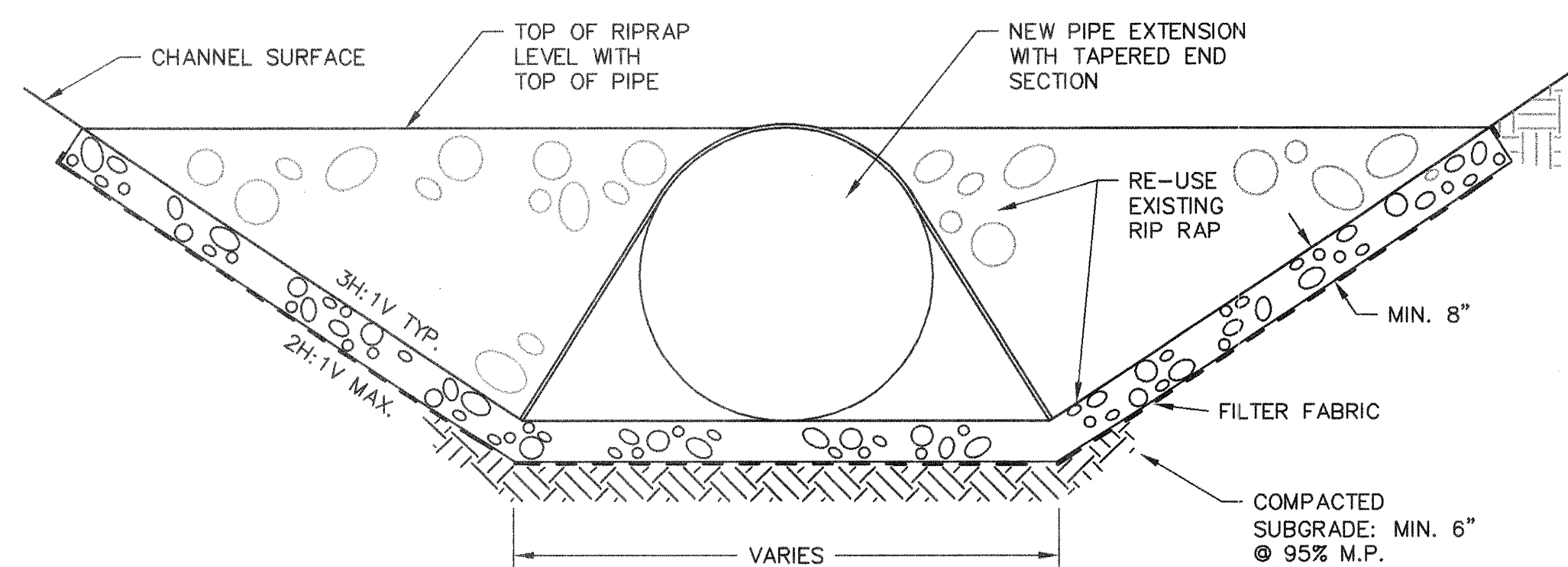
STATION 11+90 - CULVERT EXTENSION
STATION 12+05 - NEW 12" CMP CULVERT

SCALE 1"=10'



STA. 10+50 TO 10+55
OF CONNECTOR TRAIL

SCALE 1:3



NOT TO SCALE

<i>BENCH MARKS</i>		<i>AS-BUILT INFORMATION</i>	
NNMSHC brass tablet stamped "I-40-7"		CONTRACTOR	
Located on the south end of the Louisiana		WORK ORDER BY	DATE
bridge crossing over I-40, at the end of the		INSPECTOR'S	DATE
bridge, about midway between the wingwalls		ACCEPTANCE BY	DATE
of the northbound and southbound lanes.		VERIFICATION BY	DATE
Northwing=1490699.59, Easting=404826.08,		DRAWING NO.	
Elevation 5296.87 feet (NAVD 29) Central		<i>MICRO-FILM INFORMATION</i>	
New Mexico State Plane Surface Coordinates		RECORDED BY	DATE
NAD27		NO.	

[illegible][illegible]

FOR INFORMATION ONLY



CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: I-40 TRAIL FROM SAN PEDRO TO LOUISIANA

TYPICAL AND STRUCTURAL SECTIONS

Design Review Committee		City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
         		         			

PROJECT NO.	6446.06	MAP NO.	J-18-Z	SHEET	5	OF	9
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RAILINGS TO BE FABRICATED FROM STANDARD SCH. 40 PIPE IN ACCORDANCE WITH SECTIONS 520 AND 550 OF THE C.O.A. STANDARD SPECIFICATIONS. PIPE RAILINGS SHALL BE SAND BLASTED AND PAINTED PIPE WITH ONE SHOP COAT OF RUST-INHIBITIVE PRIMER AND TWO COATS OF FINISH COLOR, IN ACCORDANCE WITH SECTION 157 OF THE C.O.A. STANDARD SPECIFICATIONS. FINISH COLOR SHALL BE NEUTRAL TAN OR BEIGE AS APPROVED BY C.O.A. PARKS AND GENERAL SERVICES.

[illegible]

TEMPORARY EROSION CONTROL MEASURES

Temporary erosion control measures will be required at certain locations until permanent measures are installed. These are listed below by type and location:

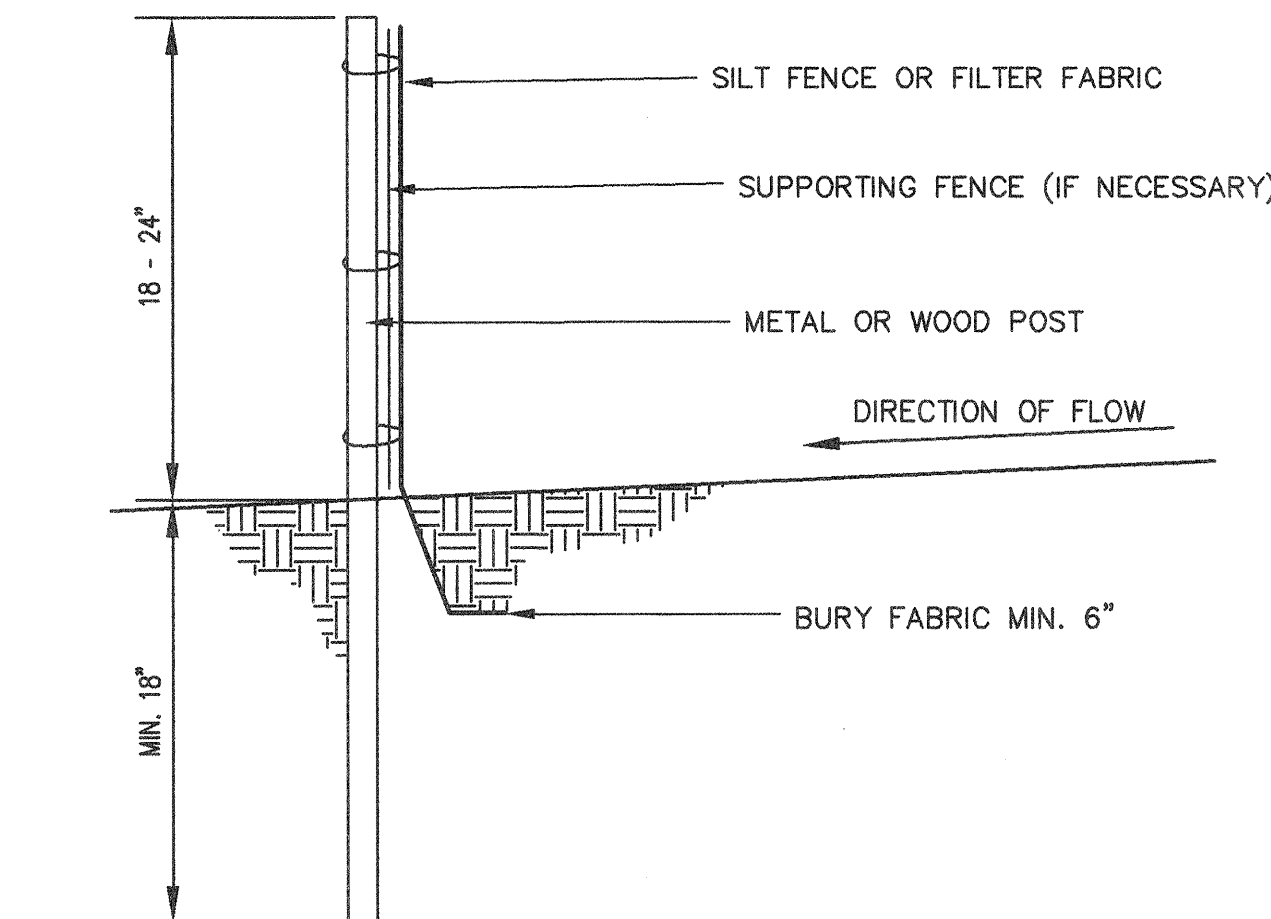
Type of Control	Location	Offset	Quantity	Comment
Silt Fence or Straw Bales	12+56	30'right	45 l.f.	Upstream from pipe outfall across channel

All temporary erosion control measures shall be removed once permanent erosion control is in place. No additional payment shall be made for removals.

DUST ABATEMENT: All exposed soil areas shall kept dust-free at all times during construction. Dust abatement measures may include application of water or temporary soil stabilant. If watering equipment is used for dust abatement, this operation shall be given priority over any other use of this equipment. Pits, haul roads, and other areas occupied by the contractor in connection with the work shall be maintained for the duration of the project.

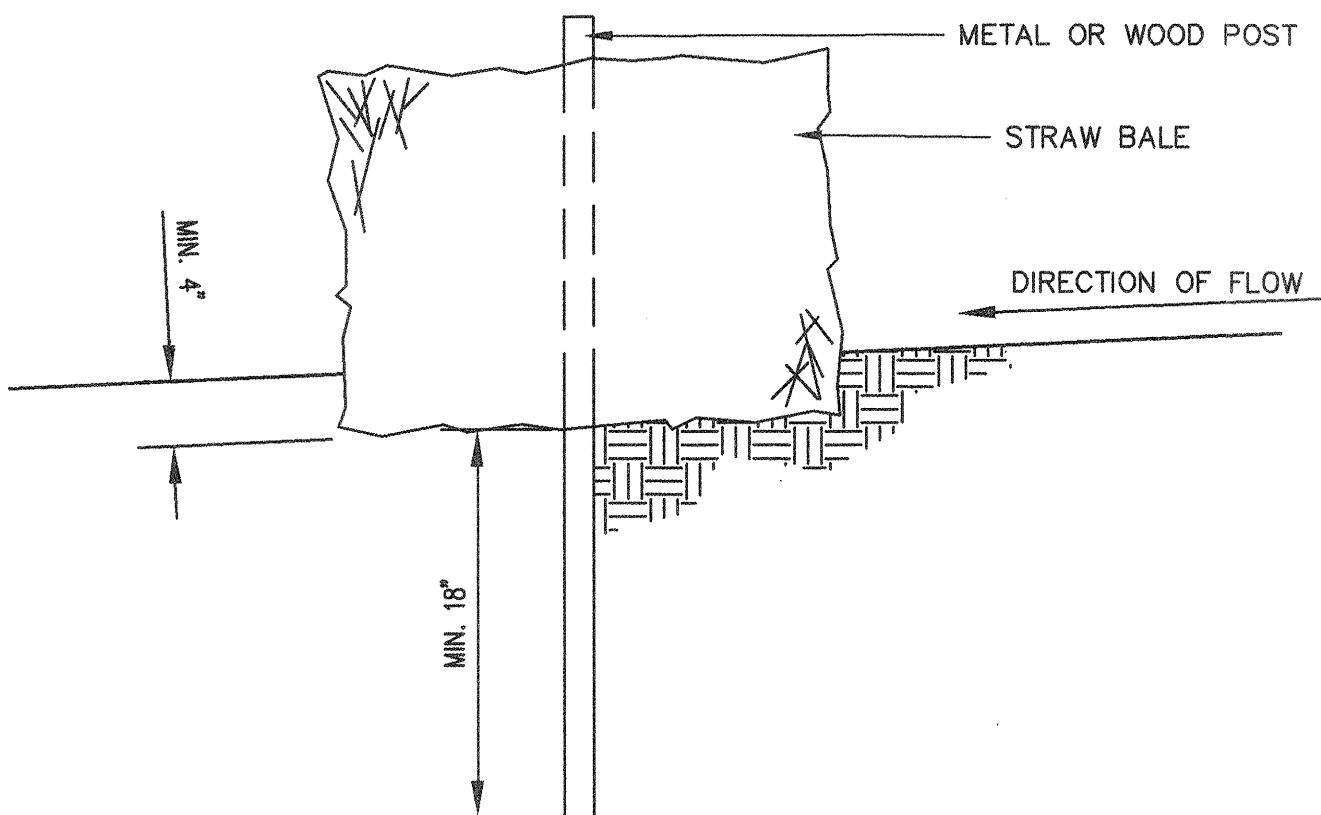
If work operations are suspended or exposed areas will not be worked for more than seven (7) days, the contractor shall apply temporary soil stabilant as approved by the project manager. Application shall be according to manufacturer's instruction, unless such application is not producing acceptable results. In this case, rate of application should be increased until acceptable results are obtained.

Dust abatement activities as described above are incidental to the project, and no direct payment shall be made.



SILT FENCE DETAIL

NOT TO SCALE



STRAW BALE FILTER DAM DETAIL

NOT TO SCALE

PERMANENT EROSION CONTROL MEASURES

All soil areas exposed during construction shall be treated with native seeding, in accordance with section 1012 of the COA Standard Specifications, as modified in the project supplemental technical specifications. The native seed mix for this project shall be as follows:

COMMON NAME	SCIENTIFIC NAME	LBS. PLS/AC
GRASSES		
Sideoats Grama	Boutelova curtipendula	2
Blue Grama	Boutelova gracilis "Hachita"	3
Galleta	Hilaria jamesii "Viva"	3
Indian Ricegrass	Oryzopsis Hymenoides	2
WILDFLOWERS		
Bush Penstemon	Penstemon ambiguus	0.5
Desert Marigold	Baileya multiradiata	0.25
Bluebells	Phacelia campanularia	0.25
TOTAL:		11

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Resource Technology, Inc.

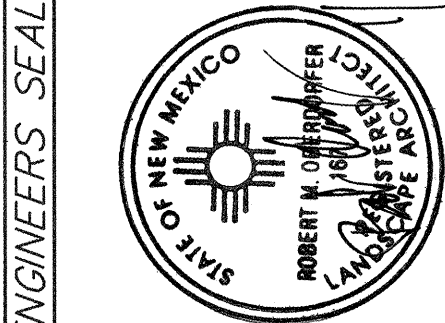
Civil Engineering 5501 Jefferson Blvd. NE, Suite 200
Environmental Sciences Albuquerque, New Mexico 87109
Water Resources E-mail: rti@rm.net
Landscape Architecture Telephone: (505) 243-7300
Planning Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: I-40 TRAIL FROM SAN PEDRO TO LOUISIANA

EROSION CONTROL		Mo./Day/Yr.	Mo./Day/Yr.
Design Review Committee	City Engineer Approval		
LEAD DESIGN			

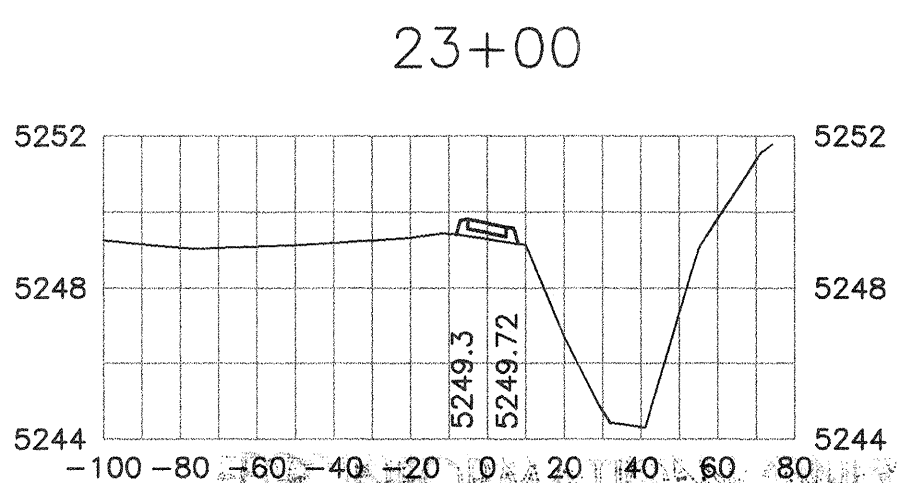
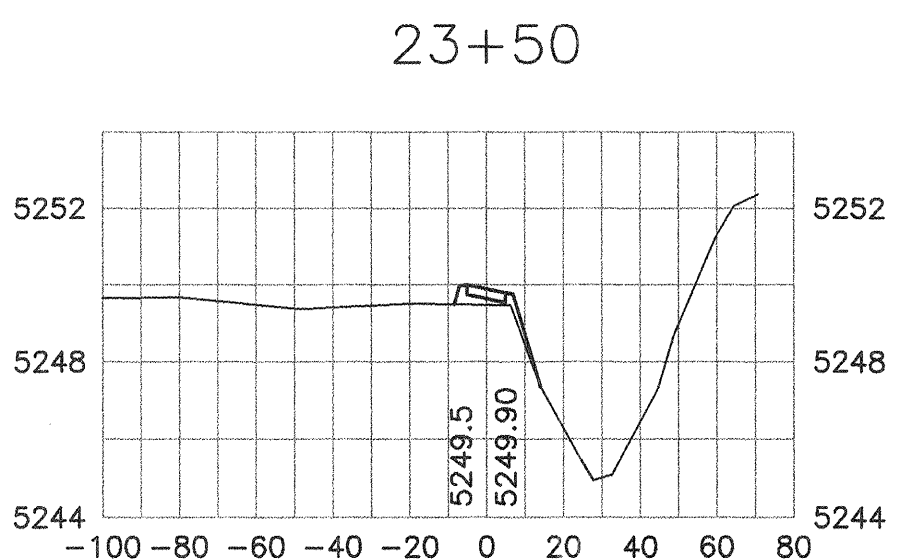
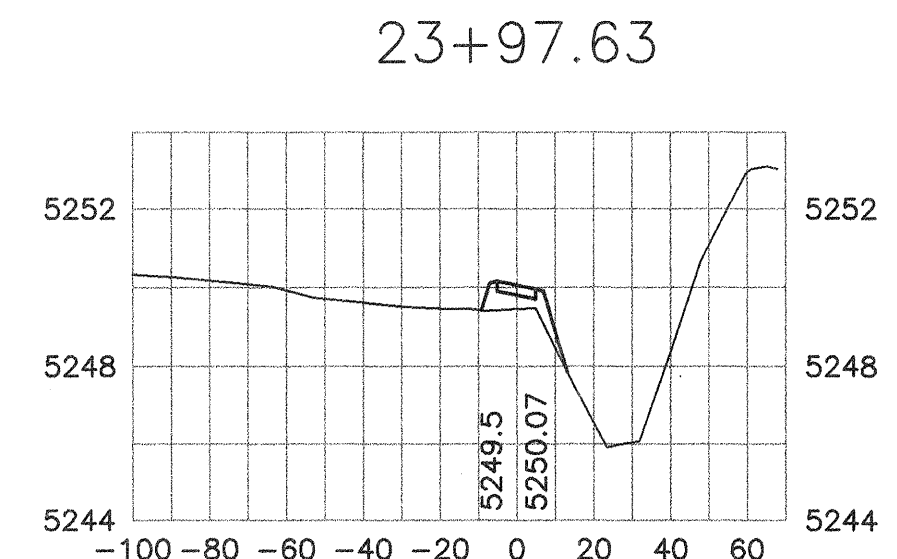
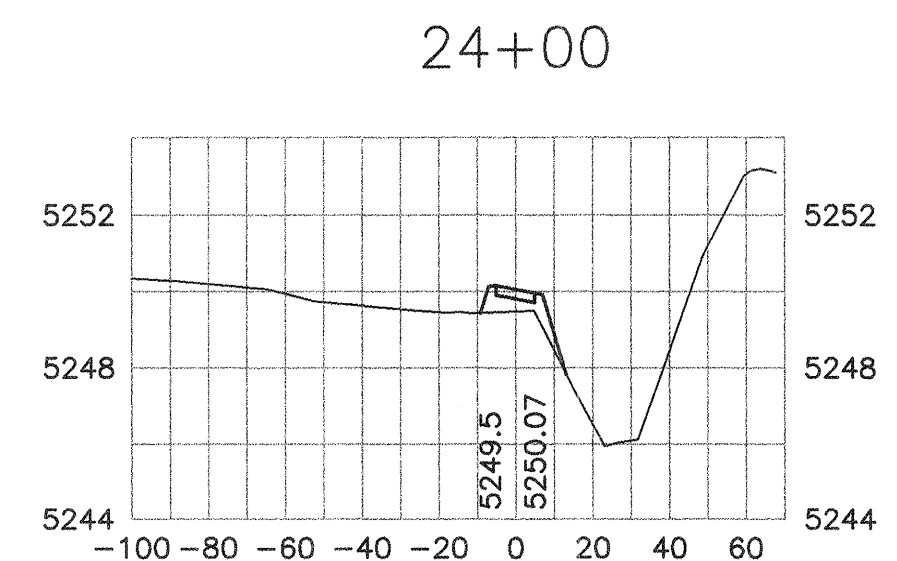
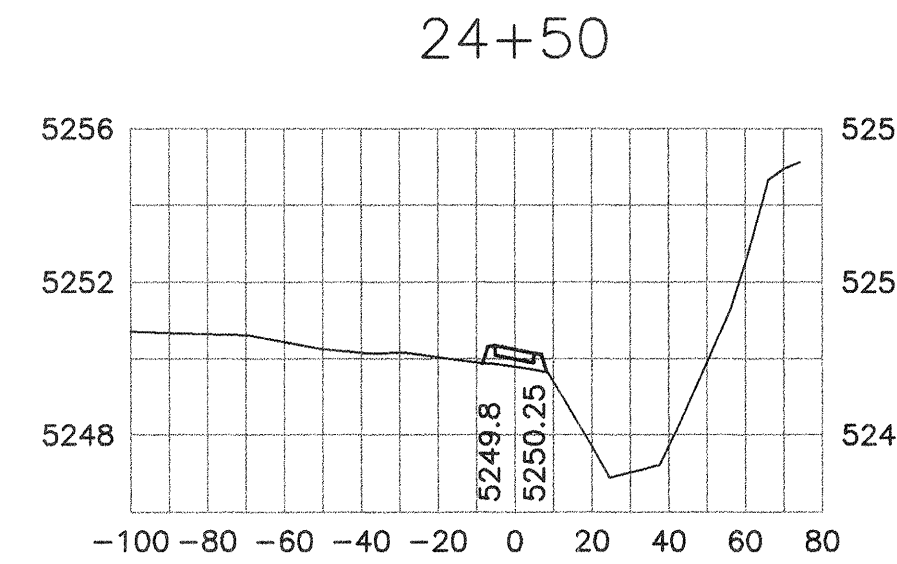
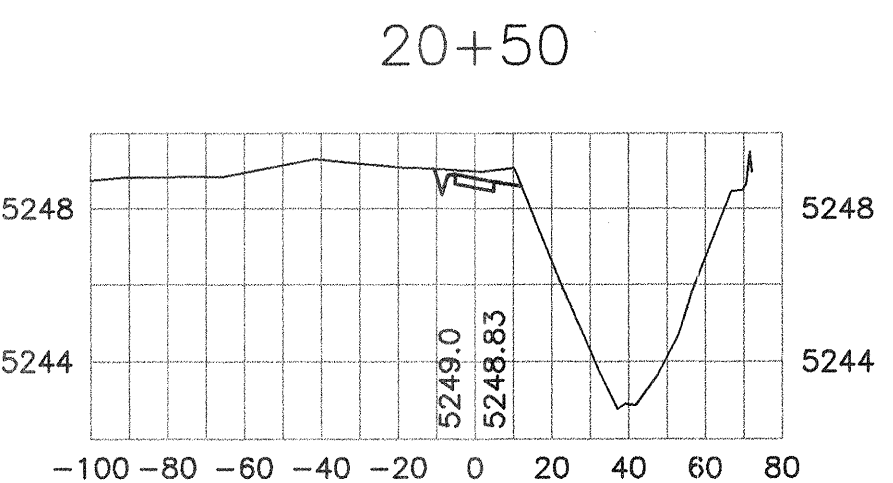
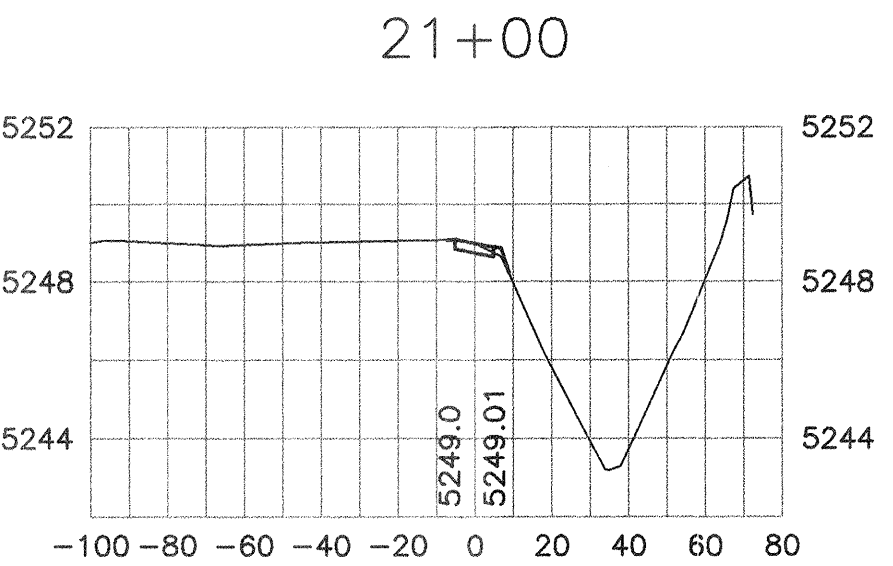
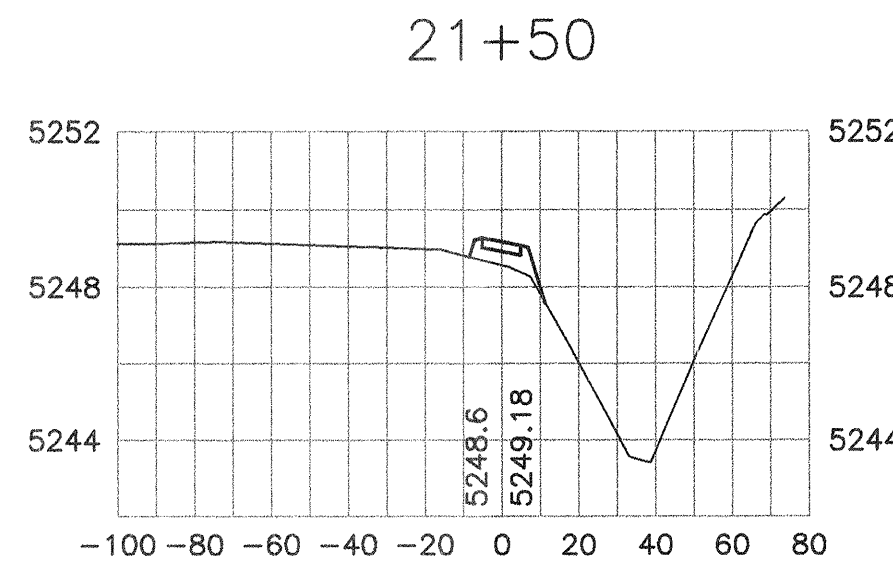
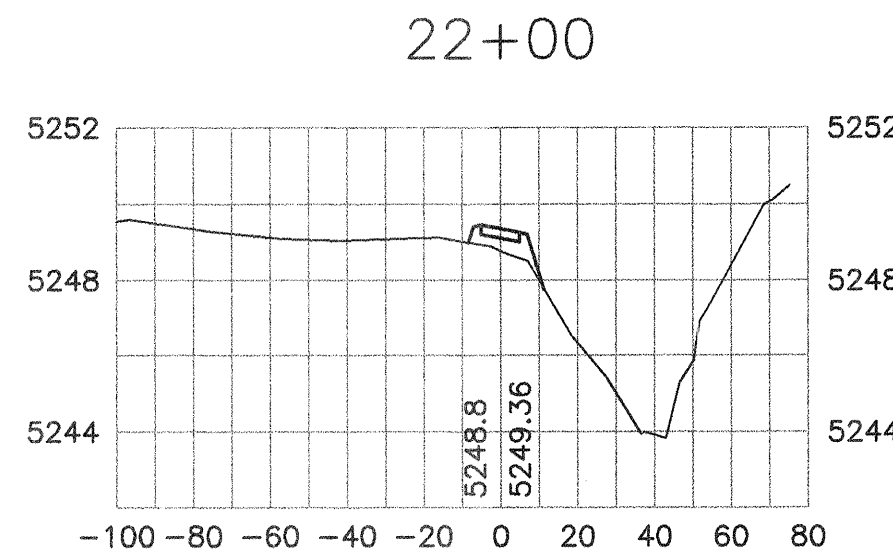
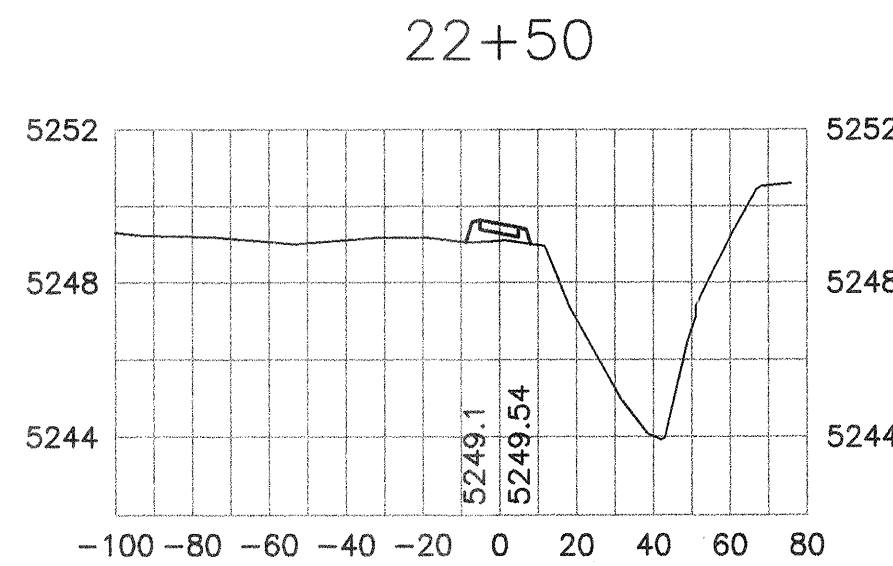
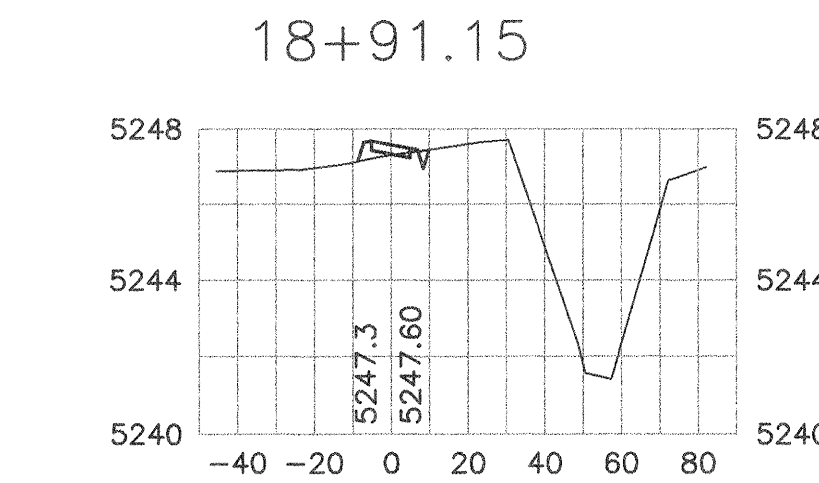
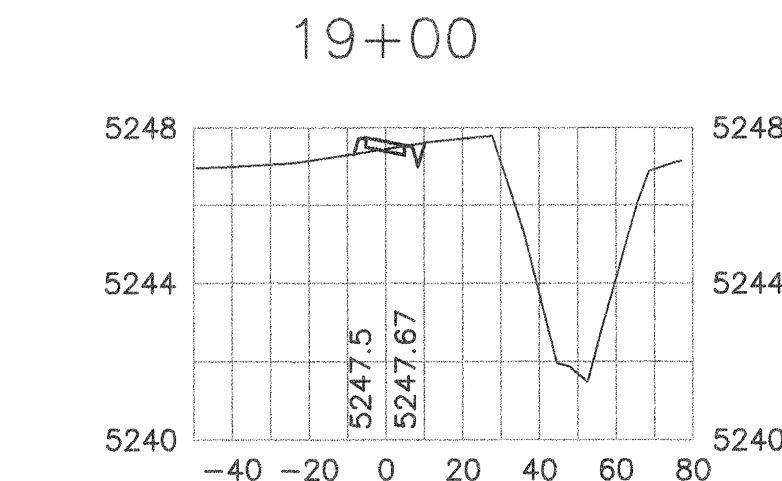
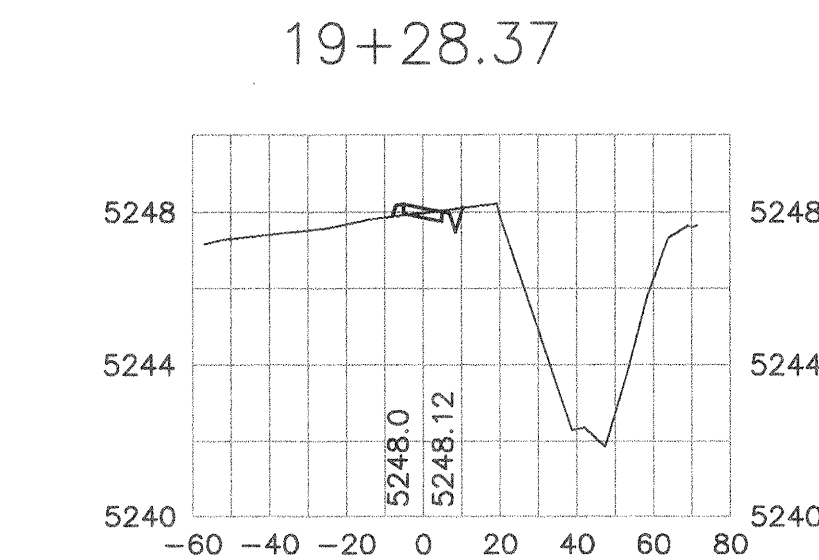
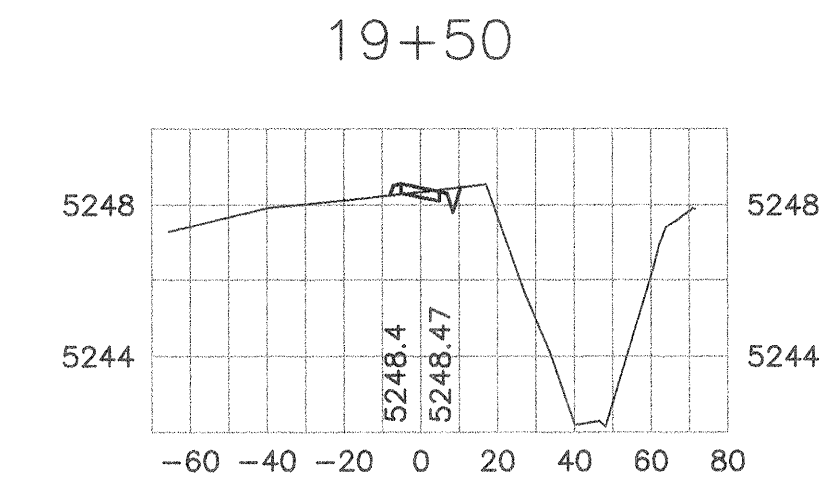
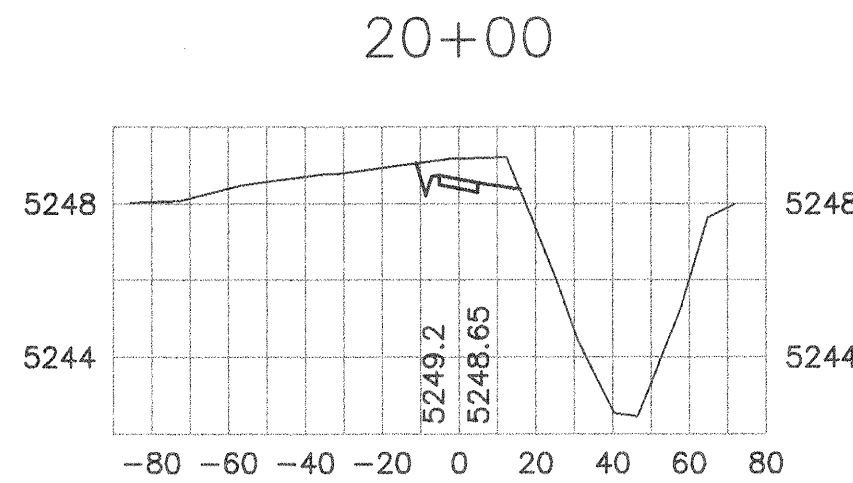
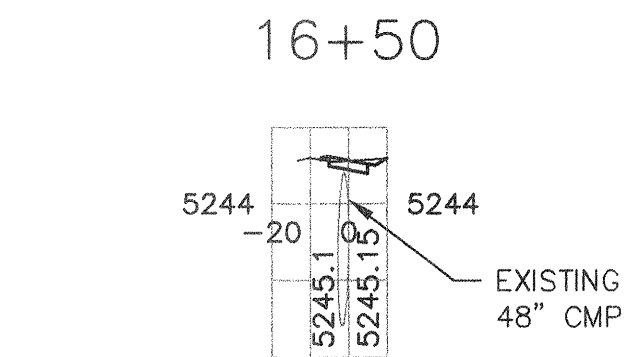
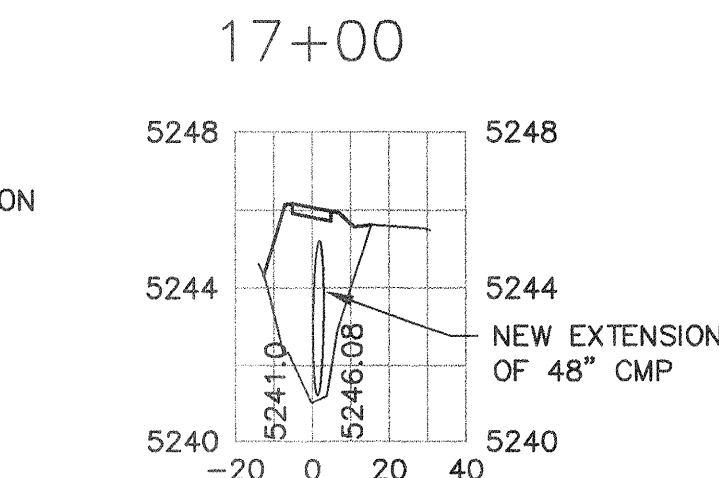
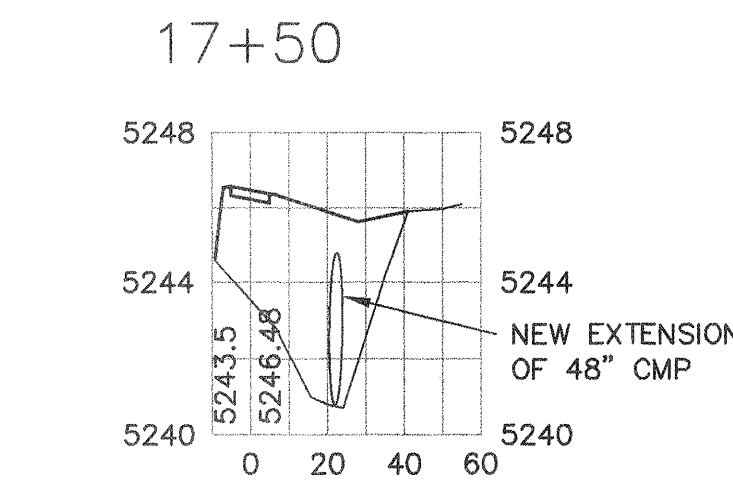
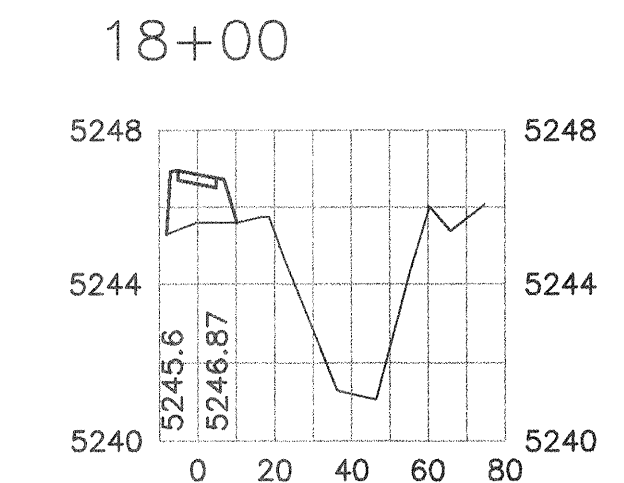
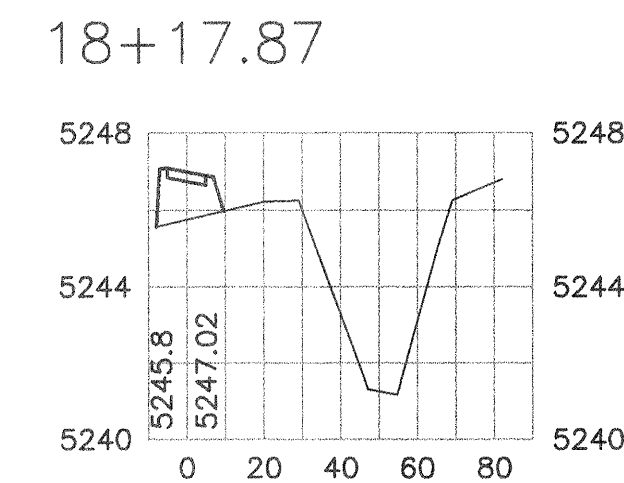
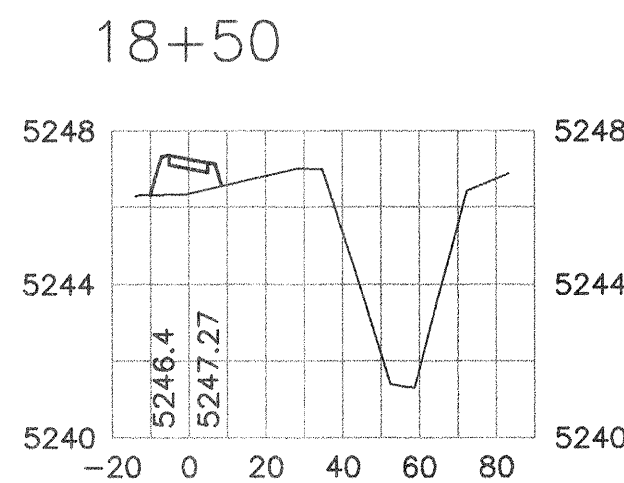
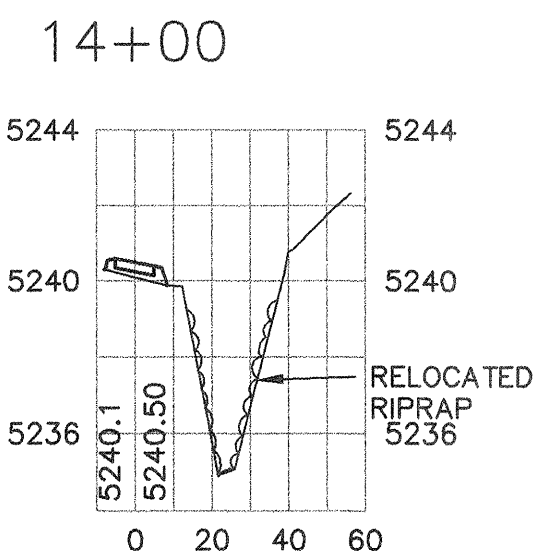
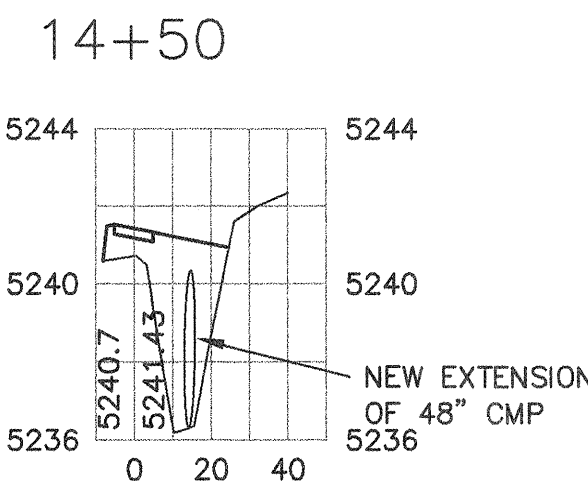
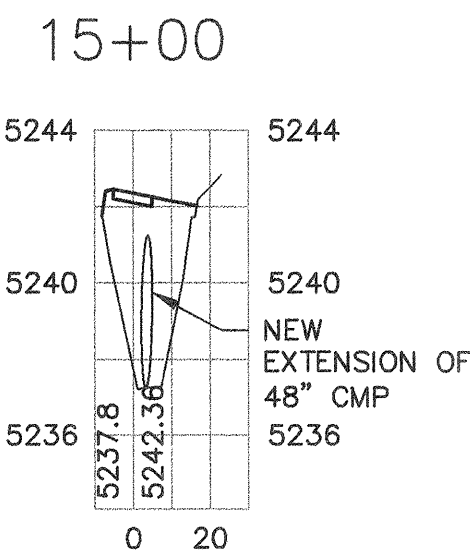
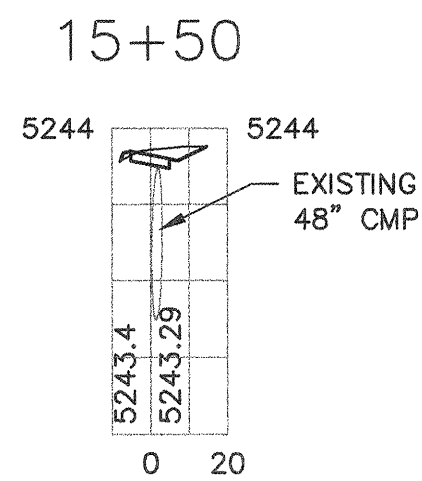
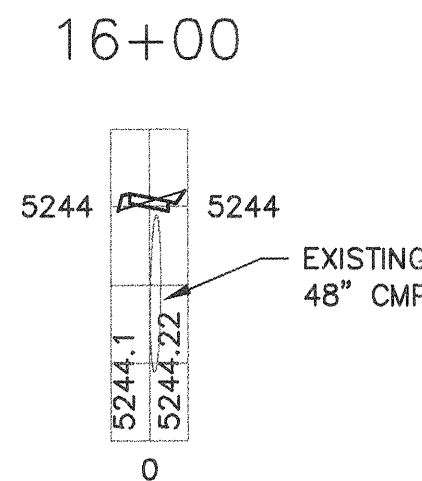
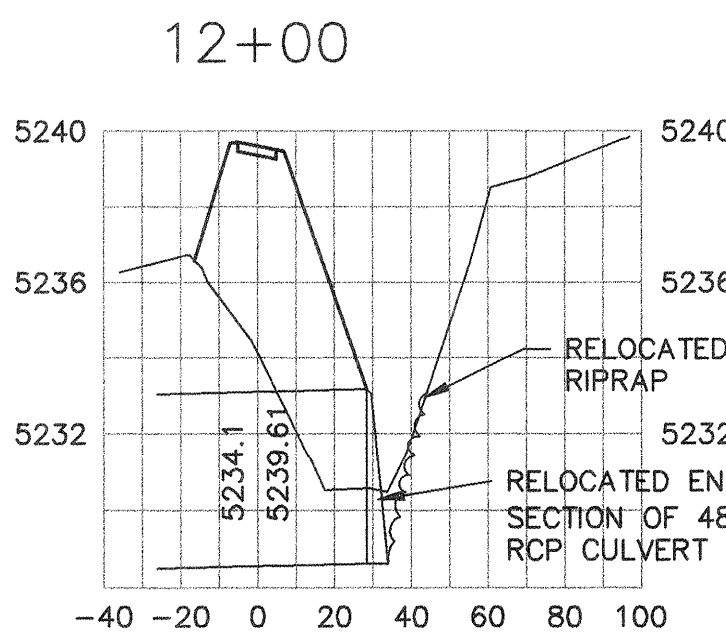
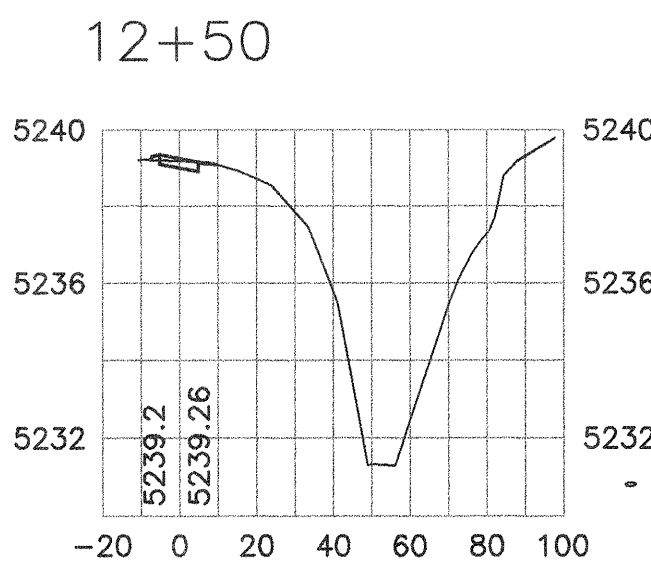
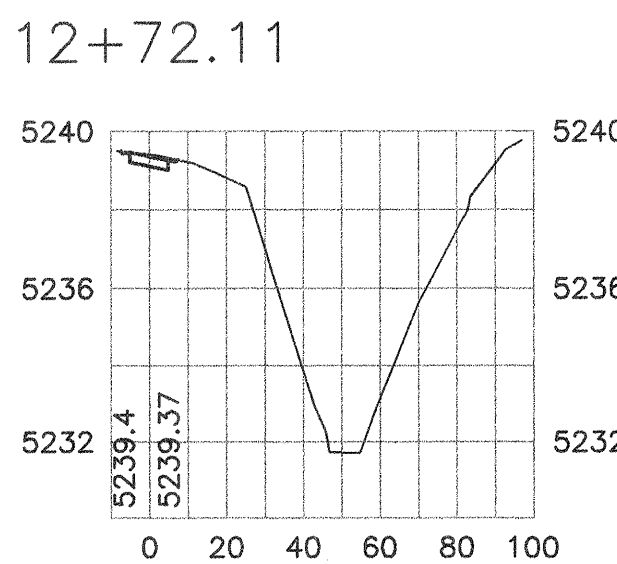
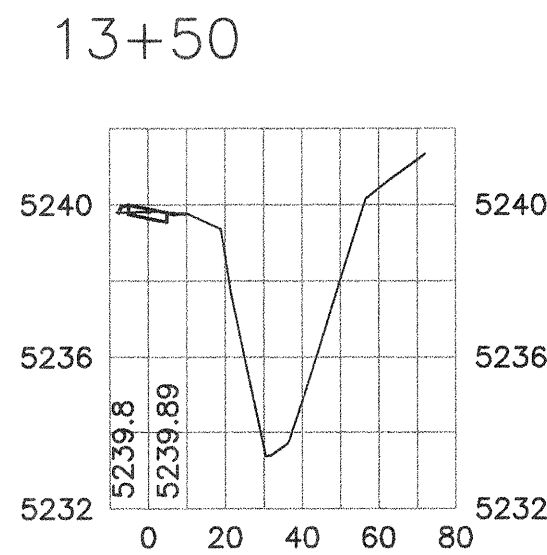
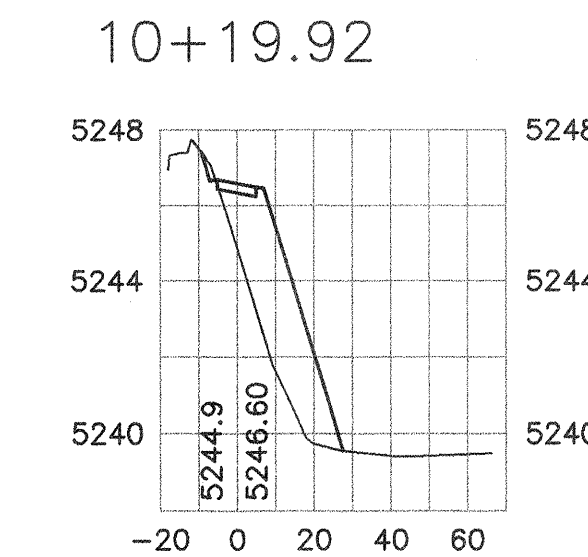
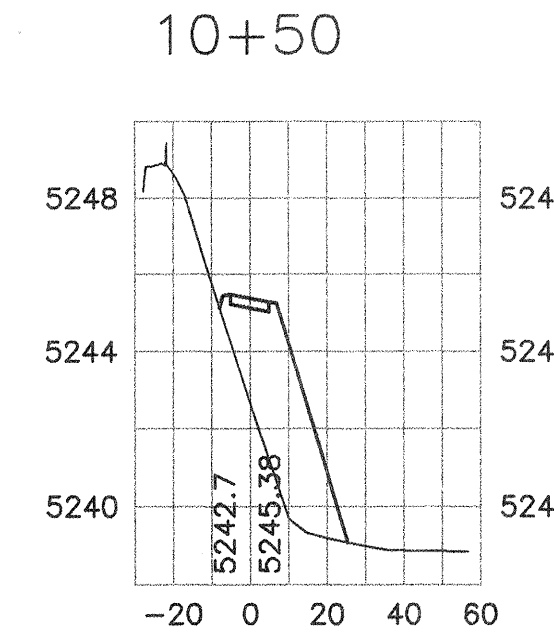
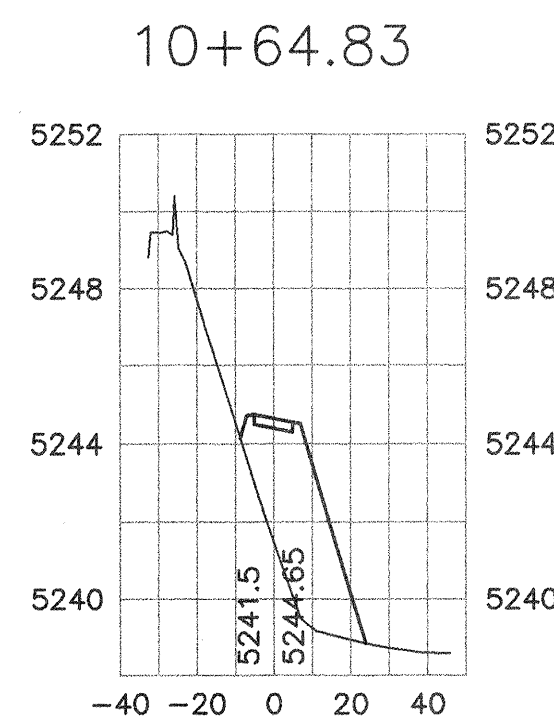
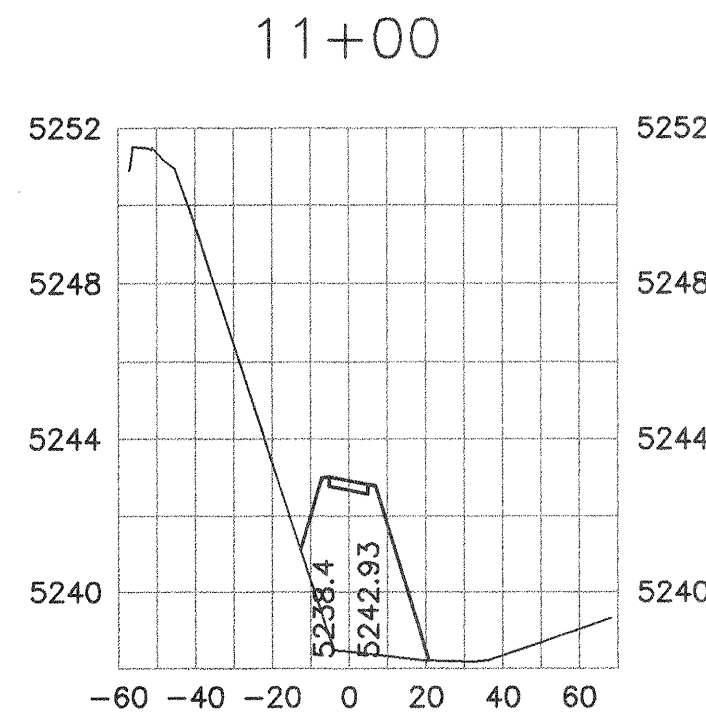
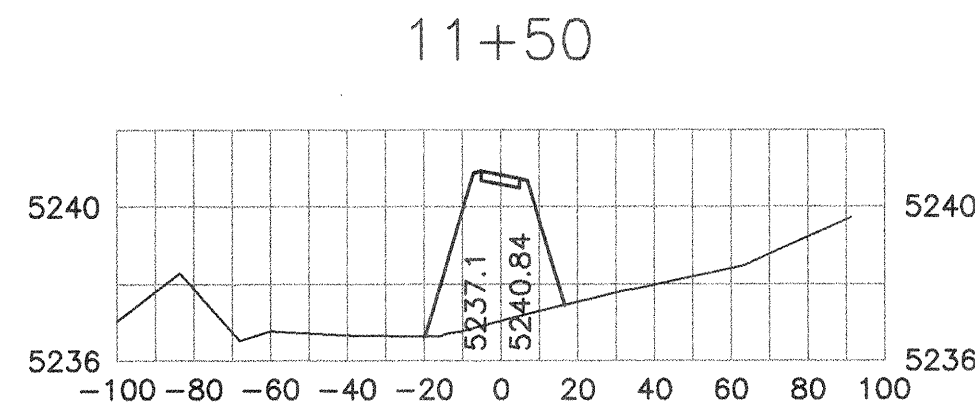
PROJECT NO.	6446.06	MAP NO.	J-18-Z	SHEET	7	OF	9
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NO.	DATE	REMARKS	BY
		DESIGN	
DESIGNED BY	CAT	DATE	JUNE 2003
DRAWN BY	CAT	DATE	JUNE 2003
CHECKED BY	RMO	DATE	JUNE 2003

AS BUILT INFORMATION	
CONTRACTOR	
STARTED BY	
INSPECTOR'S DATE	
FIELD VERIFICATION BY	
DATE	
DATE	
DATE	
DATE	
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	
NO.	

BENCH MARKS
NMSHC brass tablet stamped "I-40-7",
Located on the south end of the Louisiana
bridge crossing over I-40, at the end of the
bridge, about midway between the wingwalls
of the northbound and southbound lanes.
Northing=1490699.59, Easting=404826.08,
Elevation 5296.87 feet (NAVD 29) Central
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NAD27



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Planning Facsimile: (505) 243-7400

Scale 1"=50' Horiz.
1"=5' Vert.

FOR INFORMATION ONLY

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT	
TITLE: I-40 TRAIL FROM SAN PEDRO TO LOUISIANA	
EARTHWORK CROSS SECTIONS	
Design Review Committee	City Engineer Approval
Mo./Day/Yr.	Mo./Day/Yr.
PROJECT NO. 6446.06	MAP NO. J-18-Z
SHEET 8 OF 9	

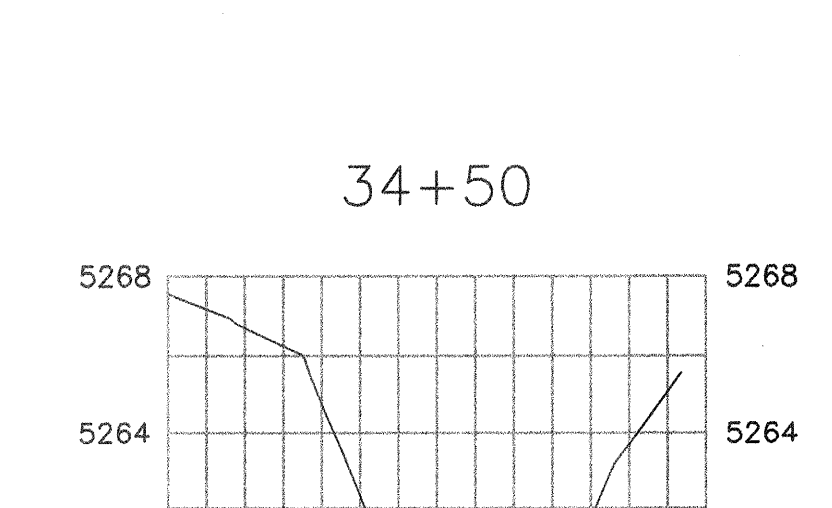
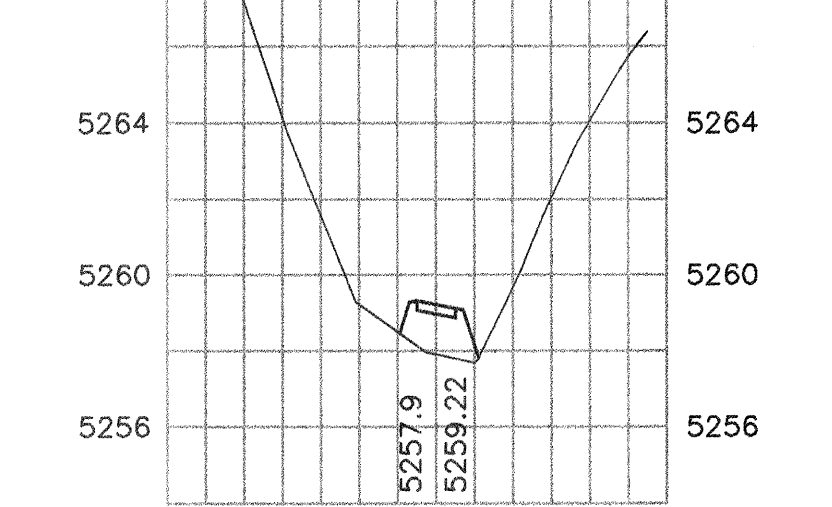
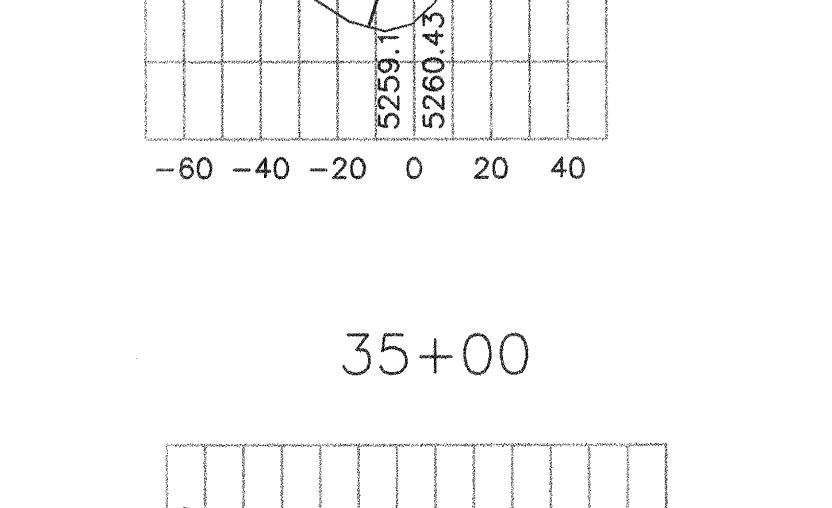
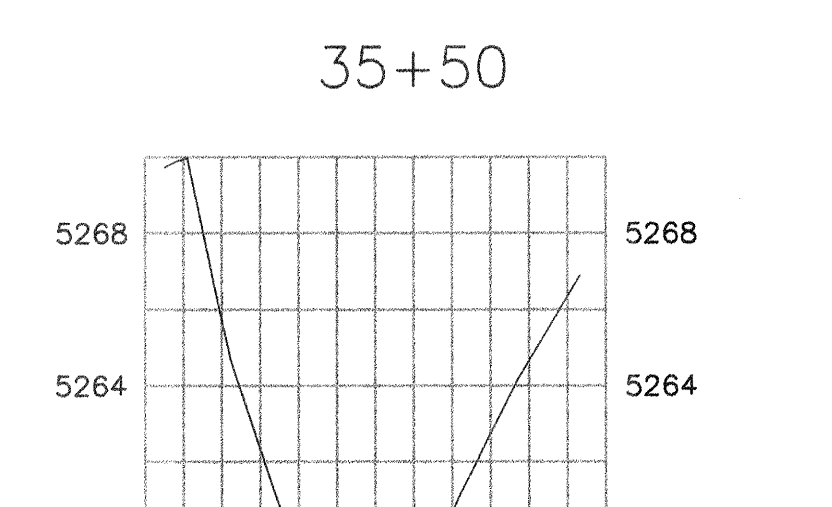
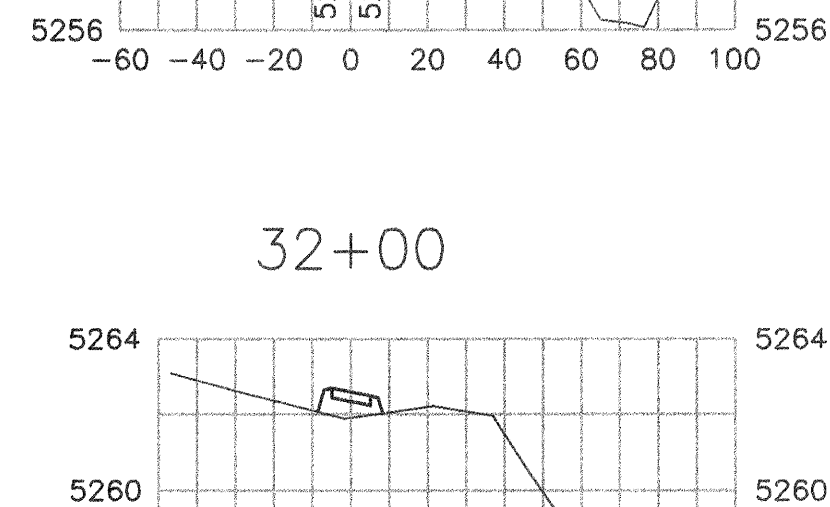
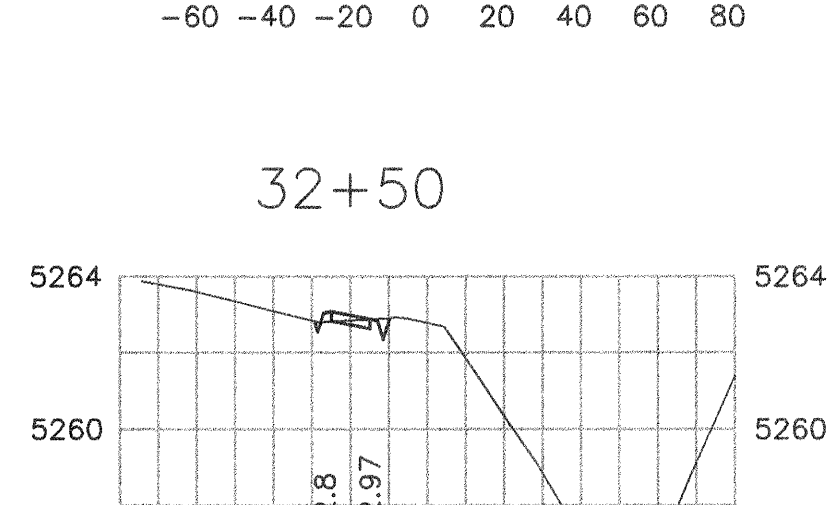
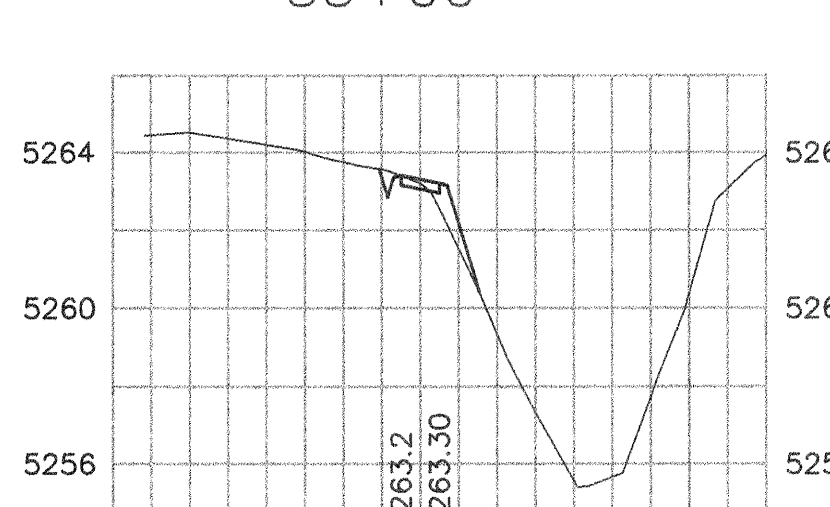
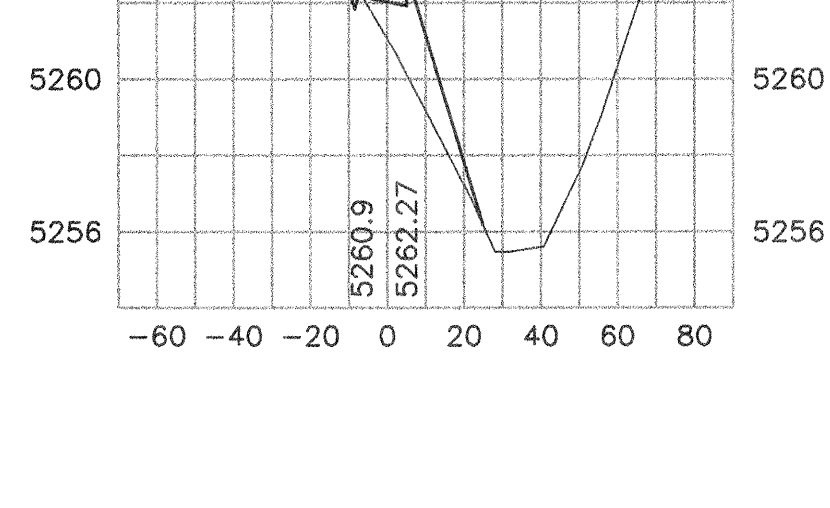
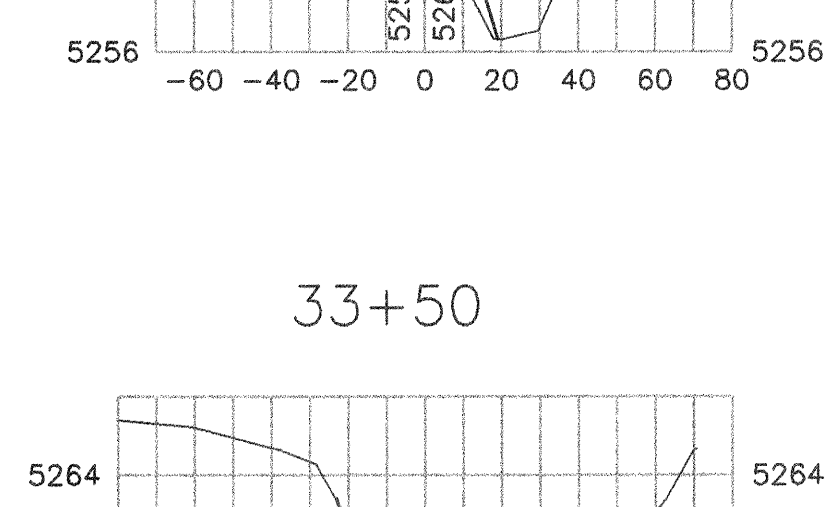
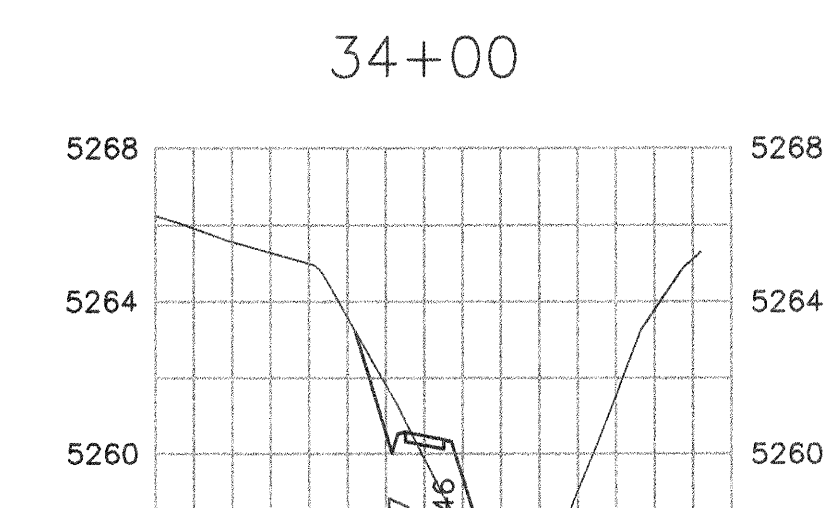
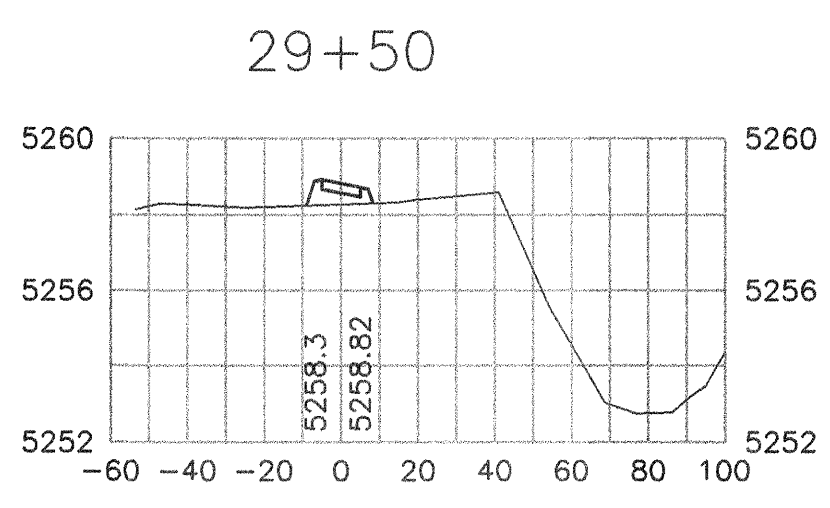
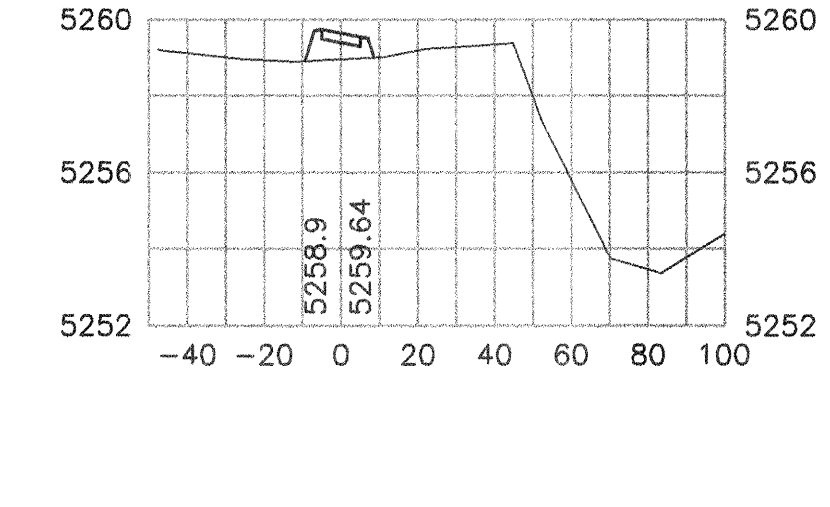
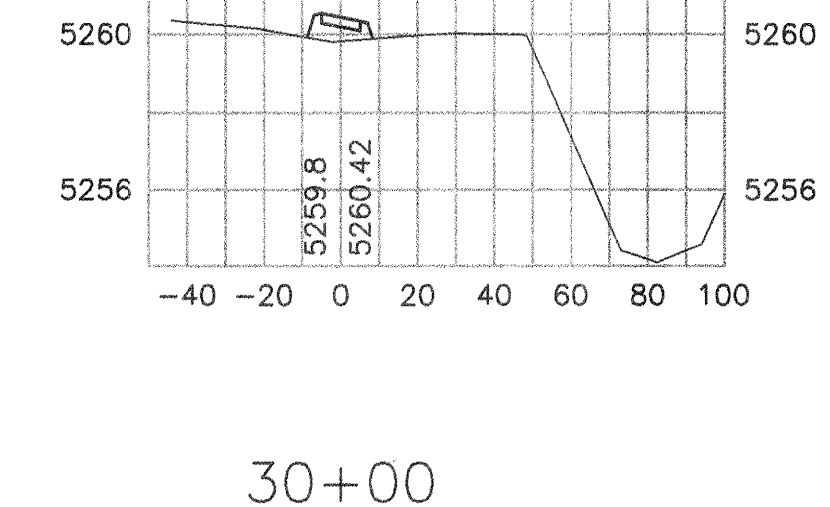
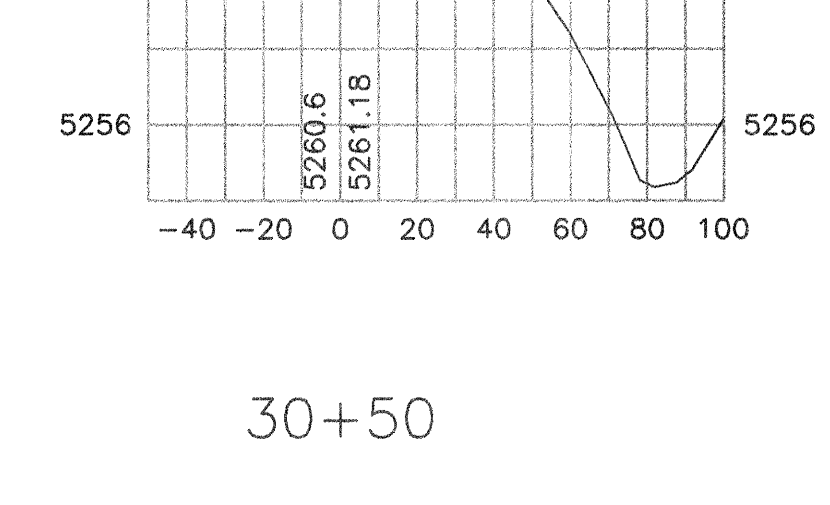
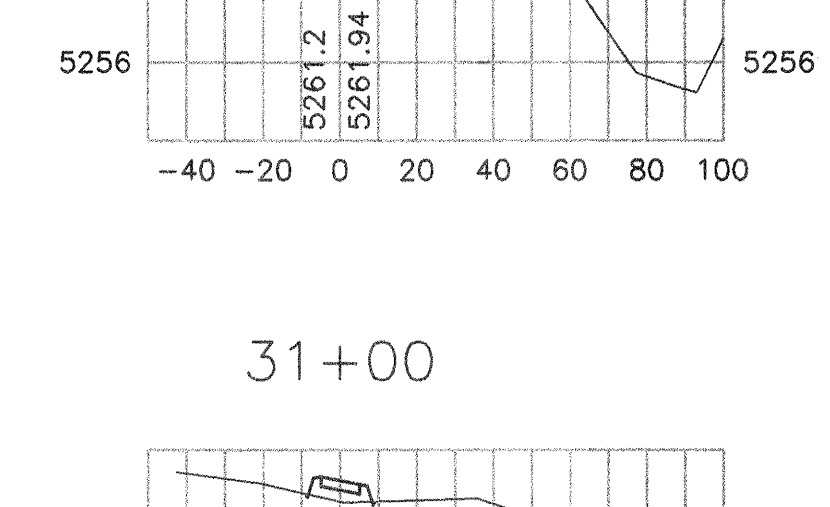
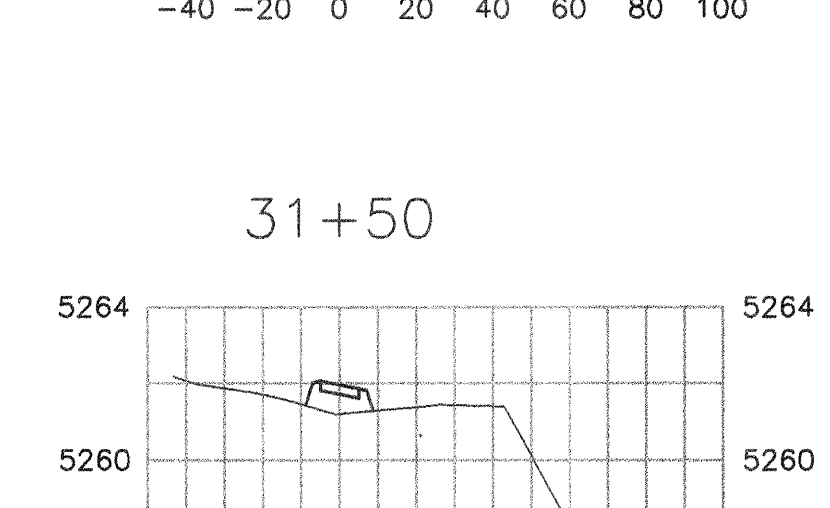
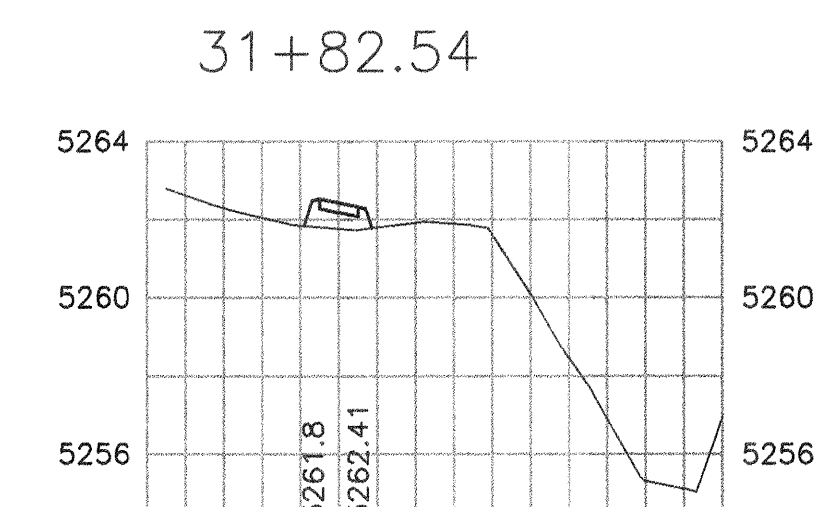
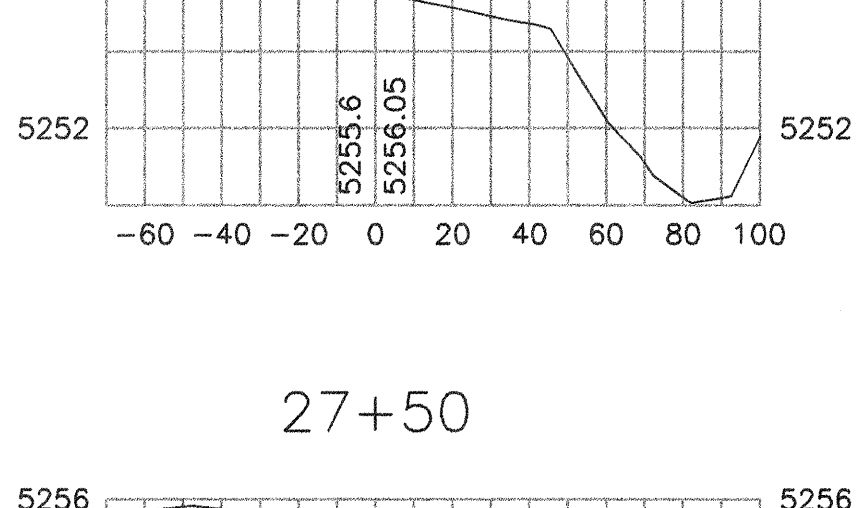
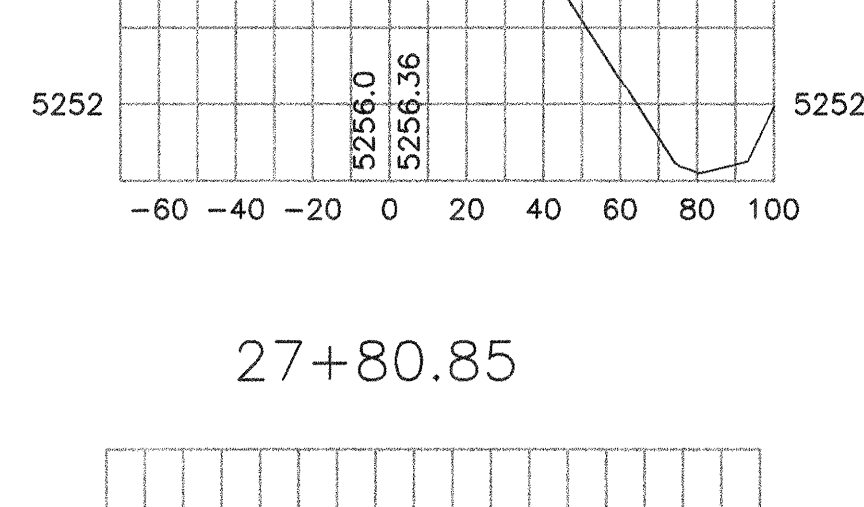
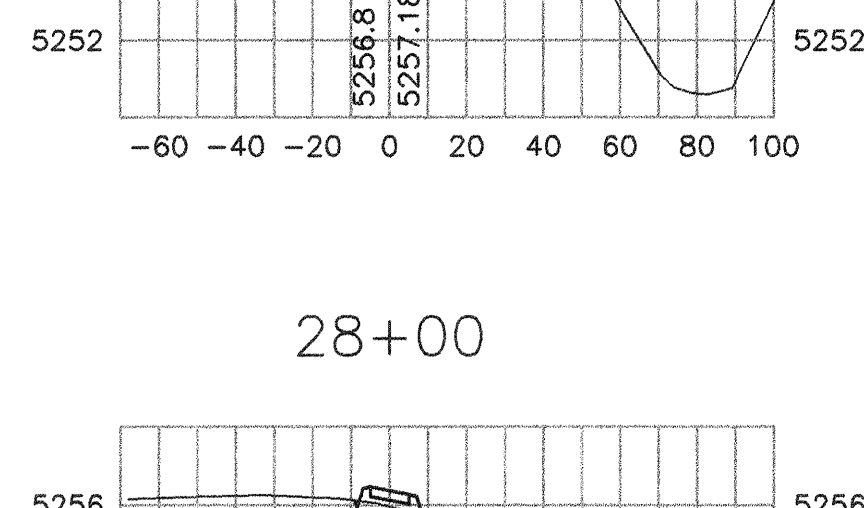
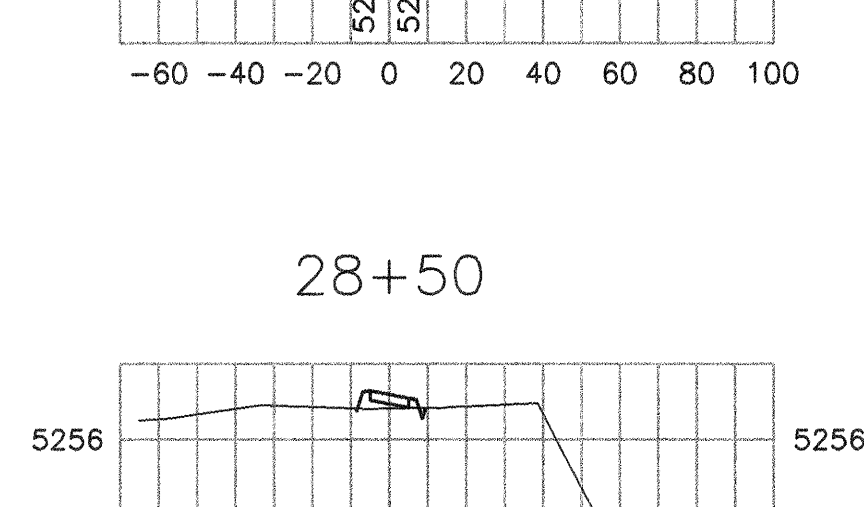
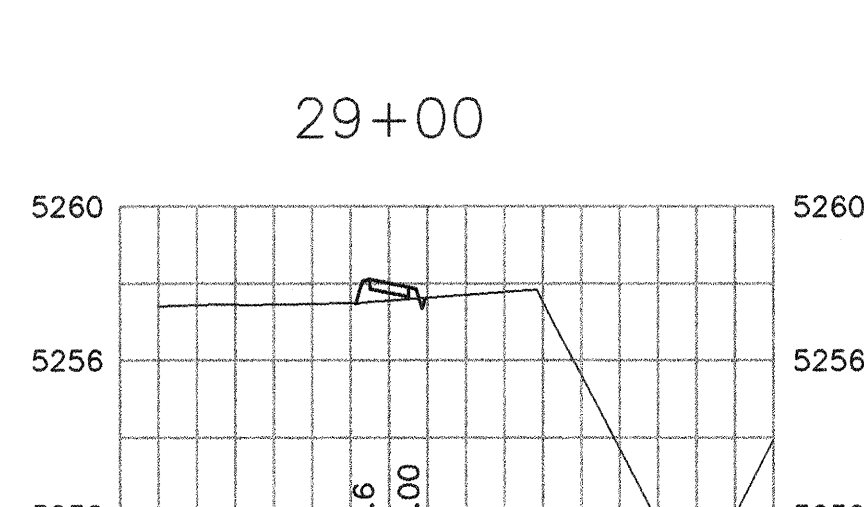
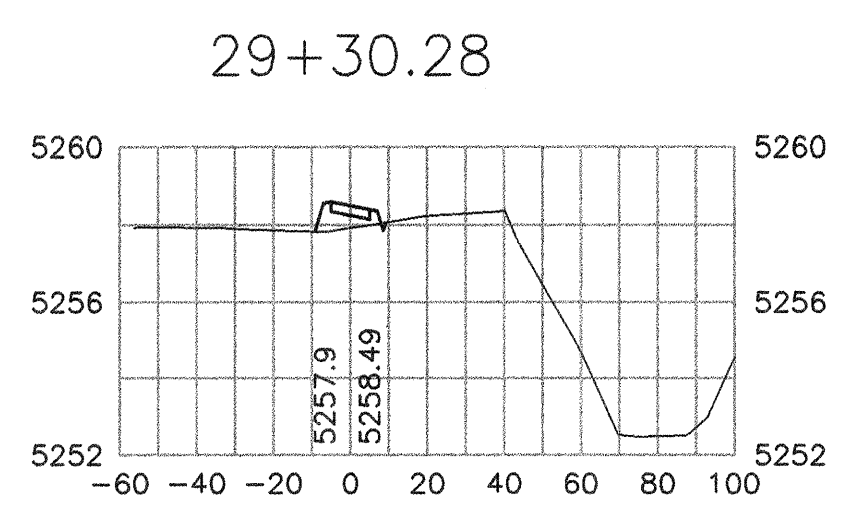
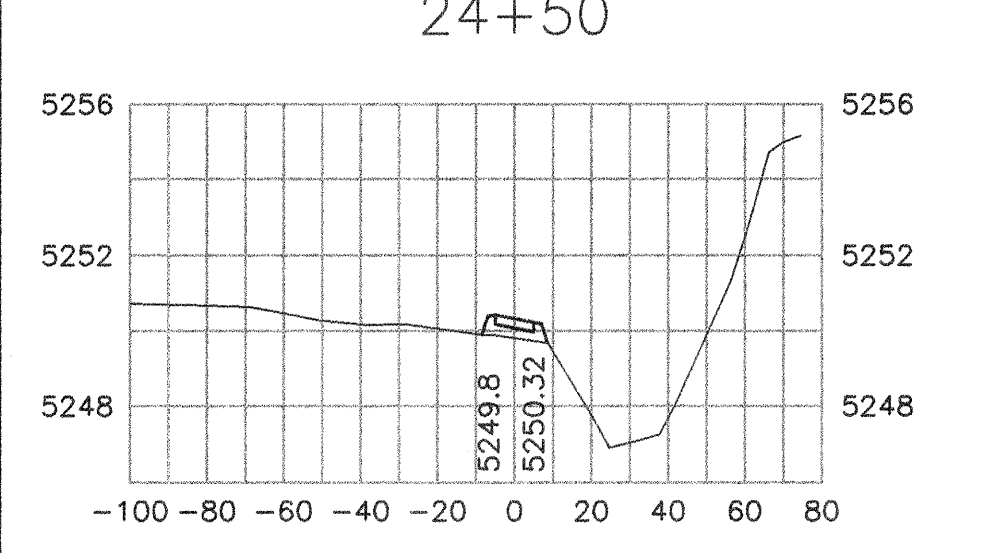
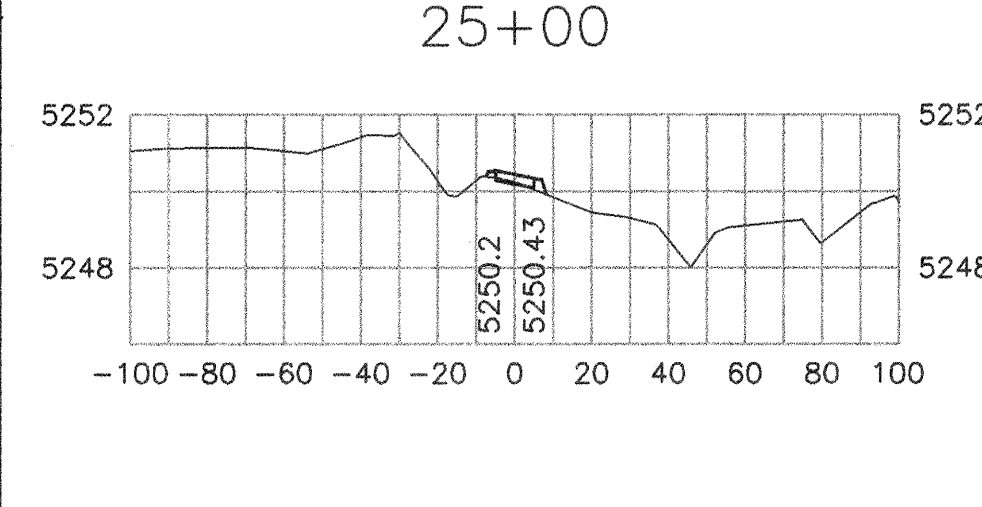
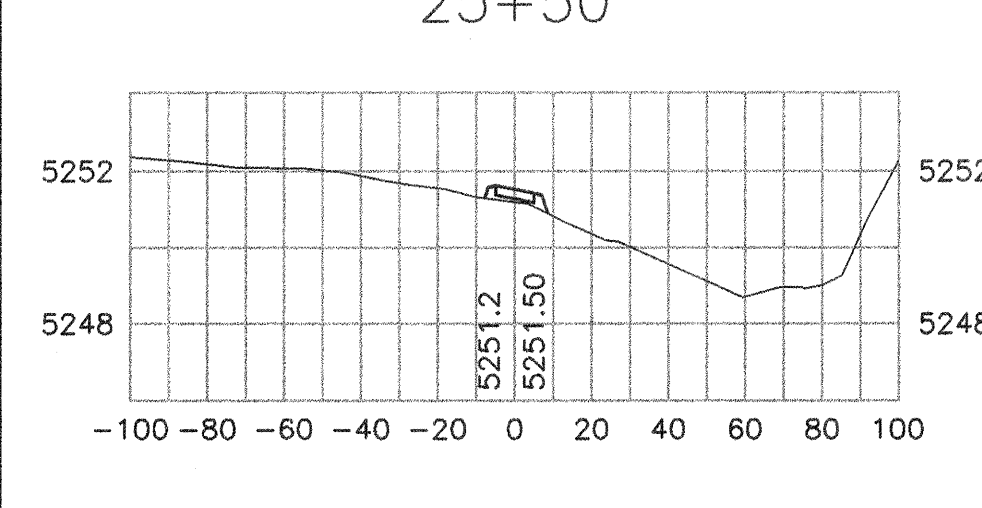
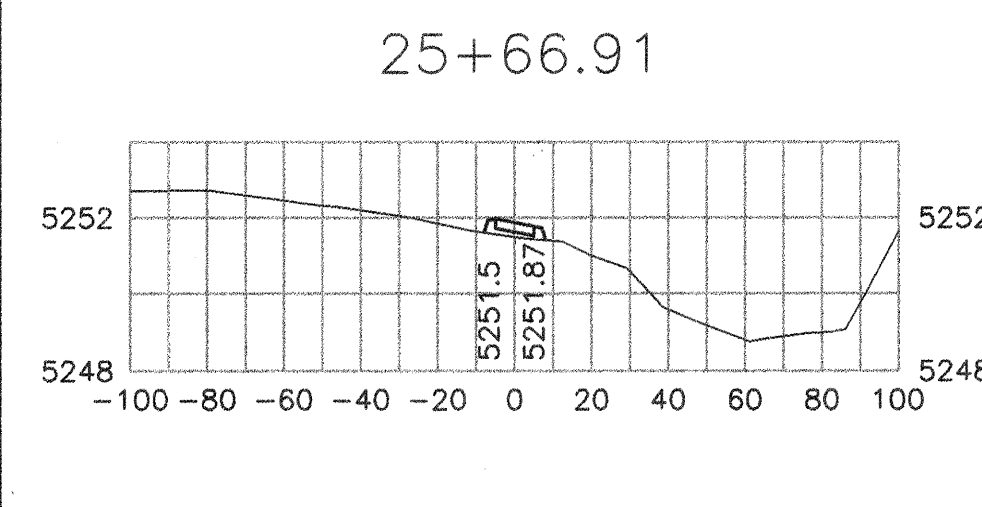
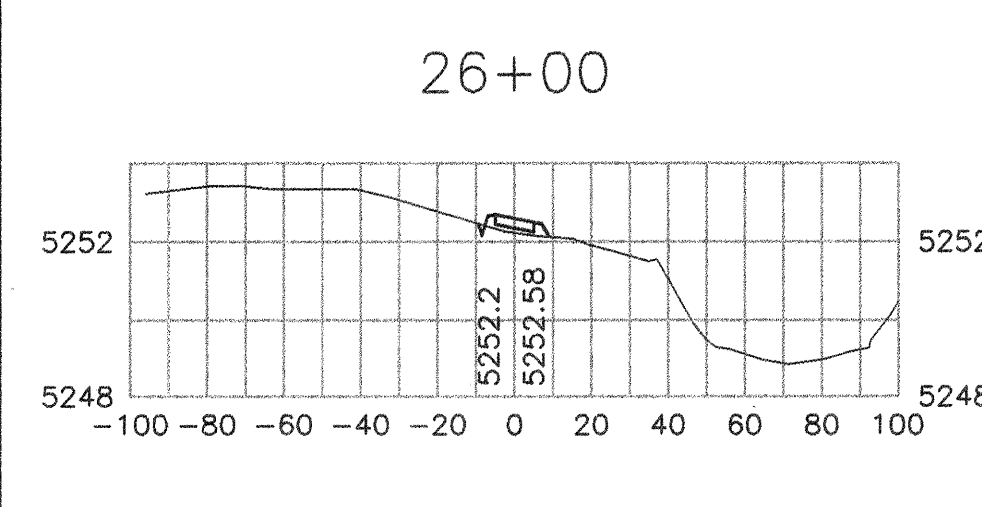
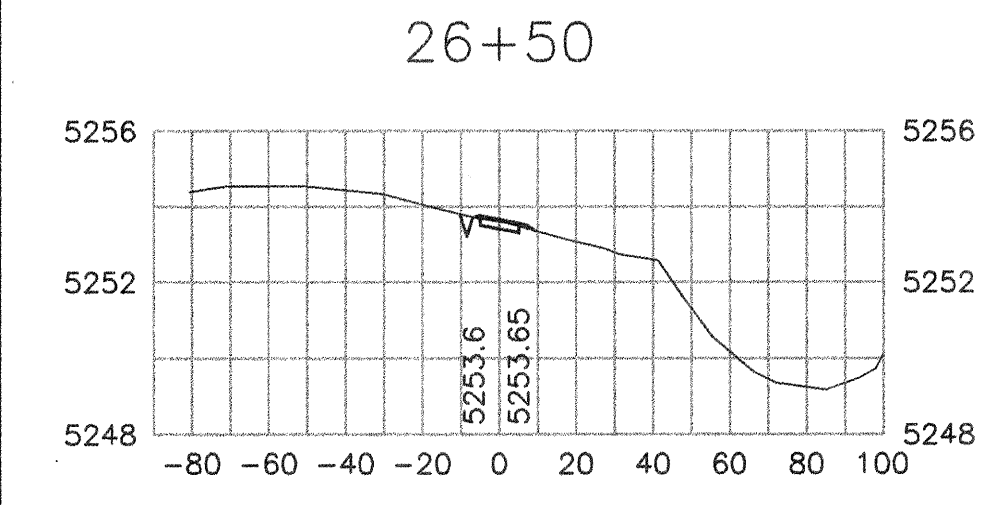
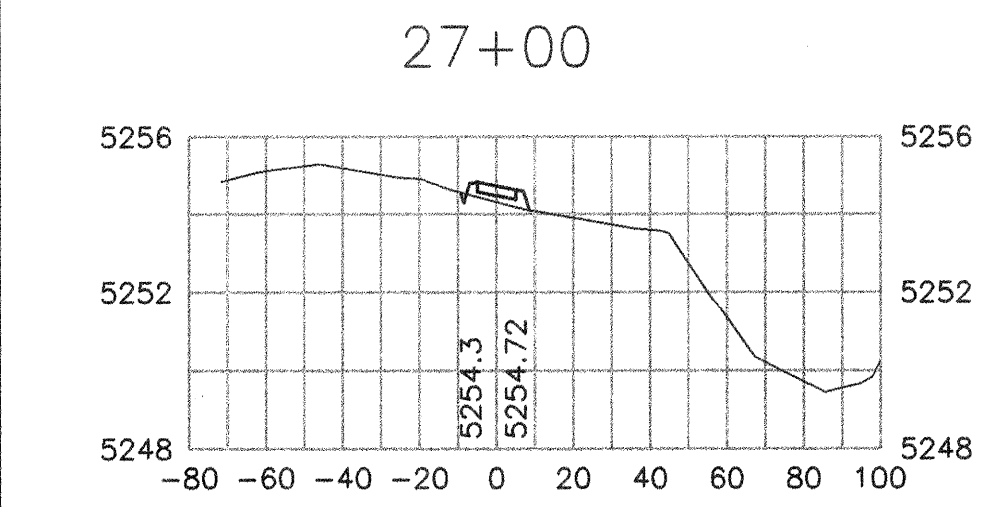
AS BUILT INFORMATION	
CONTRACTOR	DATE
INSPECTOR'S	DATE
FILED BY	DATE
VERIFICATION BY	DATE
DRAWING	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
NMSHC brass tablet stamped "I-40-7"	
Located on the south end of the Louisiana	
bridge crossing over I-40, at the end of the	
bridge, about midway between the wingwalls	
of the northbound and southbound lanes.	
Northing=1490899.59, Easting=404826.08,	
Elevation 5296.87 feet (NAVD 29) Central	
New Mexico State Plane Coordinates	
NAD27	

SURVEY INFORMATION	
FIELD NOTES	
NO.	DATE
BY	

ENGINEERS SEAL	

REVISIONS	
NO.	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE



CUT AND FILL TABLE

STATION	AREAS		VOLUMES		CUMULATIVE VOLUMES	
	CUT	FILL	CUT	FILL	CUT	FILL
10+00	4.35	8.82	2.05	1.20	2.05	1.20
10+07.33	10.76	0.00	1.74	112.18	3.79	113.38
10+19.92	4.42	209.94	2.46	164.46	6.26	277.84
10+50	0.00	85.35	0.00	47.17	6.26	325.01
10+64.83	0.00	86.43	0.00	116.05	6.26	441.07
11+00	0.00	99.42	0.00	177.03	6.26	618.10
11+50	0.00	92.84	0.00	267.52	6.26	885.62
12+00	0.00	204.14	2.49	187.73	8.75	1073.35
12+50	2.72	0.25	2.36	0.11	11.11	1073.45
12+72.11	3.13	0.00	8.28	0.54	19.39	1073.99
13+50	2.61	0.37	2.42	3.48	21.81	1077.48
14+00	0.00	3.39	0.00	71.99	21.81	1149.47
14+50	0.00	74.36	0.00	141.00	21.81	1290.47
15+00	0.00	77.92	5.31	72.47	27.12	1362.94
15+50	5.73	0.35	7.54	1.24	34.66	1364.18
16+00	2.41	0.98	1.44	0.81	36.09	1364.99
16+20.10	1.45	1.19	2.06	0.77	38.16	1365.75
16+48.14	2.65	0.20	0.19	0.01	38.35	1365.77
16+50	2.80	0.19	1.94	51.27	40.29	1417.04
16+89.85	0.02	72.96	0.00	29.27	40.30	1446.31
17+00	0.00	82.47	0.00	220.84	40.30	1667.15
17+50	0.00	158.66	0.00	131.99	40.30	1799.14
17+90.59	0.00	18.81	0.00	6.56	40.30	1805.71
18+00	0.00	18.85	0.00	11.81	40.30	1817.51
18+17.87	0.00	16.83	0.00	17.13	40.30	1834.65
18+50	0.00	11.74	0.20	10.86	40.49	1845.50
18+91.15	0.27	2.11	0.33	0.53	40.82	1846.03
19+00	1.65	1.27	2.34	0.98	43.16	1847.01
19+28.37	2.58	0.70	2.09	0.53	45.25	1847.54
19+50	2.65	0.63	16.92	0.58	62.17	1848.12
20+00	15.63	0.00	22.56	0.00	84.73	1848.12
20+50	8.74	0.00	10.05	0.52	94.78	1848.65
21+00	2.12	0.57	0.19	0.08	94.98	1848.73
21+02.86	1.53	0.92	1.34	7.62	96.31	1856.35
21+50	0.00	7.77	0.00	14.11	96.31	1870.46
22+00	0.00	7.43	0.00	11.08	96.31	1881.52
22+50	0.00	4.50	0.00	7.64	96.31	1889.16
23+00	0.00	3.76	0.00	8.53	96.31	1897.70
23+50	0.00	5.44	0.00	13.14	96.31	1910.84
23+97.63	0.00	9.42	0.00	0.83	96.31	1911.67
24+00	0.00	9.45	0.00	12.85	96.31	1924.52
24+50	0.00	4.37	0.30	5.19	96.62	1929.71
25+00	0.33	1.20	0.09	1.14	96.71	1930.85
25+14.81	0.00	2.89	0.00	3.55	96.71	1934.40
25+50	0.00	2.60	0.00	1.77	96.71	1936.16
25+66.91	0.00	3.06	0.20	3.50	96.91	1939.66
26+00	0.33	2.65	3.38	2.64	100.28	1942.31
26+50	3.30	0.22	3.27	3.60	103.56	1945.90
27+00	0.20	3.68	0.22	8.20	103.77	1954.10
27+50	0.03	5.19	0.01	1.61	103.78	1955.72
27+58.51	0.00	5.05	0.01	4.15	103.79	1959.86
27+80.85	0.03	4.97	0.04	3.07	103.83	1962.93
28+00	0.10	3.67	0.32	6.14	104.15	1969.07
28+50	0.25	2.97	0.42	6.84	104.58	1975.71
29+00	0.20	4.22	0.18	6.00	104.75	1981.71
29+30.28	0.11	6.51	0.04	4.53	104.80	1986.24
29+50	0.00	5.87	0.00	13.30	104.80	1999.54
30+00	0.00	8.48	0.00	13.81	104.80	2013.35
30+50	0.00	6.42	0.04	10.79	104.83	2024.14
31+00	0.04	5.23	0.04	12.52	104.87	2036.66
31+50	0.00	8.28	0.00	9.55	104.87	2046.21
31+82.54	0.00	7.56	0.00	4.69	104.87	2050.91
32+00	0.00	6.93	0.00	3.89	104.87	2054.80
32+17.60	0.00	4.97	1.32	3.35	106.20	2058.15
32+50	2.21	0.62	5.81	7.78	112.01	2065.93
33+00	4.06	7.78	3.84	14.78	115.85	2080.71
33+50	2.09	38.18	11.01	55.87	126.86	2136.58
34+00	9.80	22.16	11.29	48.66	138.15	2185.24
34+50	2.39	30.39	2.21	48.69	140.36	2233.93
35+00	0.00	22.20	0.00	40.75	140.36	2274.68
35+50	0.00	21.81	0.00	6.05	140.36	2280.73

FOR INFORMATION ONLY

Resource Technology, Inc.
Civil Engineering 5501 Jefferson Blvd., NE, Suite 200
Environmental Sciences Albuquerque, New Mexico 87108
Water Resources E-mail: rti@rti.net
Landscape Architecture Telephone: (505) 243-7300
Planning Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: **I-40 TRAIL FROM SAN PEDRO TO LOUISIANA**

EARTHWORK CROSS SECTIONS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

AS BUILT INFORMATION

CONTRACTOR	WORK STARTED BY	DATE
	ACCEPTED BY	DATE
	FIELD LOCATION BY	DATE
	DRAWN BY	DATE
	CHECKED BY	DATE

ENGINEERS SEAL

REVISIONS

NO.	DATE	BY

DESIGNED BY CAT DATE JUNE 2003
DRAWN BY CAT DATE JUNE 2003
CHECKED BY RMO DATE JAN 2004