

Decision 89 08 013 AUG 3 1989

ORIGINAL

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application of the Santa Clara County)
Transit District for an order )
authorizing construction of grade )
separated crossings of Virginia )
Street, Willow Street, Alma Station, )
Alma Avenue, Almaden Road, Almaden )
Expressway, Curtner Avenue, Masonic )
Drive, Carol Drive, and Hillsdale )
Avenue by the light rail transit line)
of the Guadalupe Corridor project in )
the City of San Jose, California. )

Application 87-10-029
(Filed October 20, 1987)

OPINION

As part of the Guadalupe Corridor Project to construct a light rail transit (LRT) system, a four lane freeway, and bicycle facilities, the Santa Clara County Transit District (SCCTD) requests authority to construct its light rail vehicle (LRV) tracks in the median area of proposed State Route (SR) 87 freeway at separated grades across 10 streets in San Jose, Santa Clara County, as set forth in Appendix A.

The multi-modal transportation improvements will provide relief to congested major highways and local streets in the area. The LRT system is approximately 20 miles in length between Great America park in north Santa Clara and the IBM business park in south San Jose. The grade separation structures are part of a project to extend the Guadalupe Corridor Freeway southerly on new alignment. Major impacts include displacement of 69 residential and 17 non-residential structures, increased traffic congestion at isolated locations, and removal of mature trees along North First Street. Mitigation measures will include relocation assistance, possible future grade separations, and a landscape replacement program.

The Guadalupe Corridor Joint Power Board (GCJPB) consisting of SCCTD; the State of California, Department of Transportation; the County of Santa Clara; the City of San Jose, and the City of Santa Clara, is the lead agency for this project under the California Environmental Quality Act of 1970 (CEQA), as amended, Public Resources Code Section 21000, et seq. The project is covered by a Final Environmental Impact Statement (FEIS) which was approved by the Federal Highway Administration on August 12, 1983.

The Commission is a responsible agency for this project under CEQA and has reviewed and considered the lead agency's FEIS. The site of the proposed project has been inspected by the Commission's Safety Division Traffic Engineering staff. The staff examined the need for and safety of the proposed crossings. Review and processing of this application were delayed while SCCTD finalized its design profiles. Applicant provided the needed information to staff on April 10, 1989. The staff recommends that authority to construct the grade separated crossings be granted.

The application meets the filing requirements of the Commission's Rules of Practice and Procedure, including Rule 40, which relates to the construction of a railroad track across a public highway. Sketches of the project vicinity are set forth as Appendix B.

Notice of the application was published in the Commission's Daily Calendar on October 27, 1987. No protests have been received. A public hearing is not necessary.

#### Findings of Fact

1. SCCTD requests authority under Public Utilities Code Sections 1201-1205 to construct its LRV tracks in the median area of proposed SR 87 freeway at separated grades across 10 streets in San Jose, Santa Clara County, as set forth in Appendix A.

2. Construction of the crossings is an essential element in construction of the Guadalupe Corridor Project.

3. Public convenience, necessity, and safety require construction of the crossings, as set forth in Appendix A.

4. GCJPB is the lead agency for this project under CEQA, as amended.

5. The Commission is a responsible agency for this project and has reviewed and considered the lead agency's FEIS.

6. The Guadalupe Corridor Project will have a significant effect on the environment; however, mitigation measures will reduce the severity of the adverse impacts to acceptable levels.

Conclusion of Law

The application should be granted as set forth in the following order.

O R D E R

IT IS ORDERED that:

1. The Santa Clara County Transit District (SCCTD) is authorized to construct its LRV tracks in the median area of proposed SR 87 freeway at separated grades across 10 streets in San Jose, Santa Clara County, as set forth in Appendix A.

2. LRV operating clearances shall be in accordance with General Order 143.

3. Construction and maintenance costs shall be borne in accordance with agreements to be entered into between SCCTD; the City of San Jose; and the State of California, Department of Transportation. Copies of the agreements, together with plans of the crossings approved by all parties involved, shall be filed with the Commission prior to commencing construction. Should the parties fail to agree, the Commission will apportion the costs of construction and maintenance by further order.

4. Within 30 days after completion of the work under this order, SCCTD shall notify the Commission in writing that the authorized work has been completed.

5. This authorization shall expire if not exercised within three years unless time is extended or if the above conditions are not complied with. Authorization may be revoked or modified if public convenience, necessity, or safety so require.

6. The application is granted as set forth above.  
This order becomes effective 30 days from today.

Dated     AUG 3     1989, at San Francisco, California.

G. MITCHELL WILK  
President  
FREDERICK R. DUDA  
JOHN B. OHANIAN  
PATRICIA M. ECKERT  
Commissioners

Commissioner Stanley W. Hulett,  
being necessarily absent, did not  
participate.

I CERTIFY THAT THIS DECISION  
WAS APPROVED BY THE ABOVE  
COMMISSIONERS TODAY.

*Victor Weisser*  
Victor Weisser, Executive Director  
DB

A P P E N D I X A

As part of the Guadalupe Corridor Project to construct a light rail transit (LRT) system, the Santa Clara County Transit District (SCCTD) proposes to construct its tracks in the median of proposed State Route 87 freeway at separated grades over and under 10 streets in San Jose, Santa Clara County, as identified below and as shown on plans attached to the application.

<u>Street</u>	<u>Crossing No.</u>
Virginia Street	82A-2.45-A
Willow Street	82A-3.28-B
Alma Station	82A-3.55-B
Alma Avenue	82A-3.73-B
Almaden Road	82A-4.22-B
Almaden Expressway	82A-4.41-A
Curtner Avenue	82A-4.95-B
Masonic Avenue	82A-5.16-B
Carol Avenue	82A-5.29-B
Hillsdale Avenue	82A-6.06-B

**THE NEXT**

10

**DOCUMENTS ARE**

**POOR ORIGINALS**

*MICROFILMING SERVICES*

*will not assume responsibility*

*for the image quality*



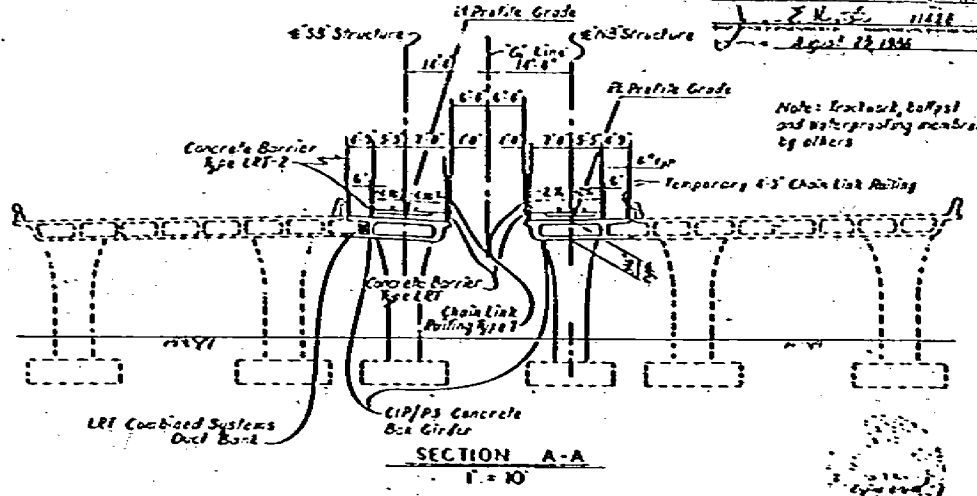
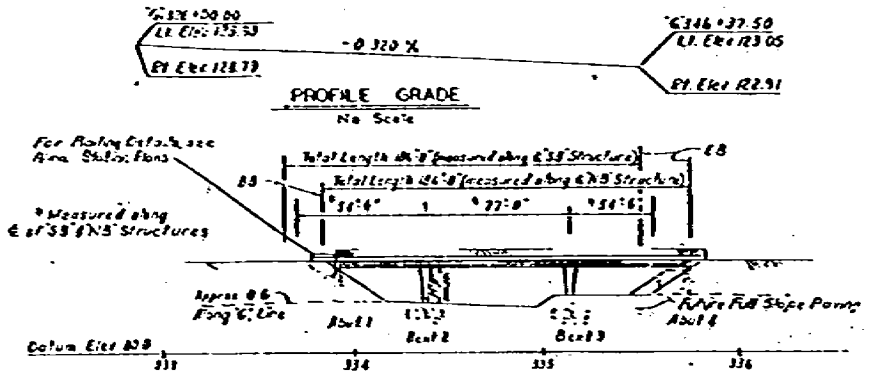




A.87-10-029 S/ATA

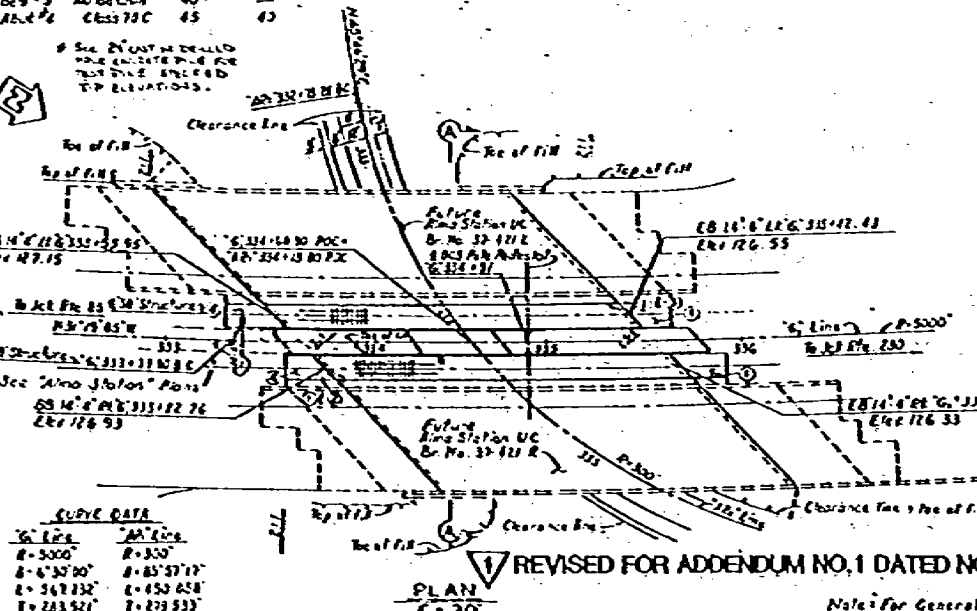
721

DATE: 11/13/83  
 121(2)  
 J. H. ...  
 August 22, 1984



Location	Type	Specified No. Eqs.	Proposed No. Eqs.
Abut 1	Class 70C	65	65
Beam 2	100 lbs CSW	67	-
Beam 3	100 lbs CSW	42	-
Abut 2	Class 70C	45	45

ELEVATION
1 = 30'



Station	Point	Elevation
6+5000	AA Line	128.79
6+5000	R-300	128.53
6+50700	R-300	127.50
6+50730	R-300	122.91
6+50750	R-300	122.91

REDUCED PLAN  
 USE SCALE BELOW  
 1" = 10' IN PLANS, 1" = 10'

DESCRIPTION	QUANTITY
CONCRETE BARRIER	1,170 LF
CHAIN LINK RAILING	1,170 LF
TEMPORARY CHAIN LINK RAILING	425 LF

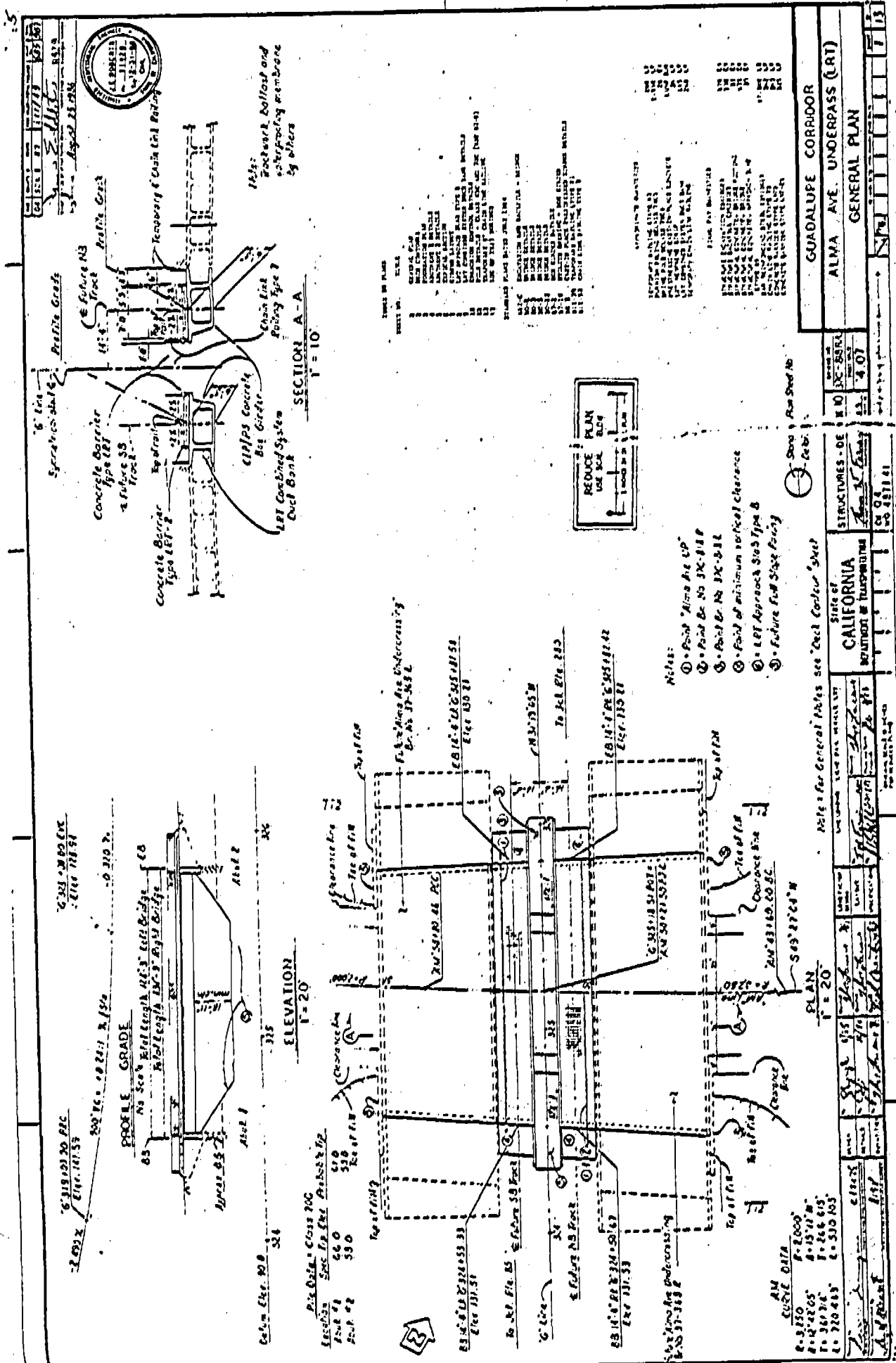
ITEM NO.	DESCRIPTION
1	GENERAL PLAN
2	SECTION A-A
3	PROPOSED PLAN
4	EXISTING DETAILS
5	CONCRETE BARRIER
6	CHAIN LINK RAILING
7	TEMPORARY CHAIN LINK RAILING
8	CONCRETE BARRIER
9	CHAIN LINK RAILING
10	TEMPORARY CHAIN LINK RAILING
11	CONCRETE BARRIER
12	CHAIN LINK RAILING
13	TEMPORARY CHAIN LINK RAILING
14	CONCRETE BARRIER
15	CHAIN LINK RAILING
16	TEMPORARY CHAIN LINK RAILING
17	CONCRETE BARRIER
18	CHAIN LINK RAILING
19	TEMPORARY CHAIN LINK RAILING
20	CONCRETE BARRIER
21	CHAIN LINK RAILING
22	TEMPORARY CHAIN LINK RAILING
23	CONCRETE BARRIER
24	CHAIN LINK RAILING
25	TEMPORARY CHAIN LINK RAILING
26	CONCRETE BARRIER
27	CHAIN LINK RAILING
28	TEMPORARY CHAIN LINK RAILING
29	CONCRETE BARRIER
30	CHAIN LINK RAILING
31	TEMPORARY CHAIN LINK RAILING
32	CONCRETE BARRIER
33	CHAIN LINK RAILING
34	TEMPORARY CHAIN LINK RAILING
35	CONCRETE BARRIER
36	CHAIN LINK RAILING
37	TEMPORARY CHAIN LINK RAILING
38	CONCRETE BARRIER
39	CHAIN LINK RAILING
40	TEMPORARY CHAIN LINK RAILING
41	CONCRETE BARRIER
42	CHAIN LINK RAILING
43	TEMPORARY CHAIN LINK RAILING
44	CONCRETE BARRIER
45	CHAIN LINK RAILING
46	TEMPORARY CHAIN LINK RAILING
47	CONCRETE BARRIER
48	CHAIN LINK RAILING
49	TEMPORARY CHAIN LINK RAILING
50	CONCRETE BARRIER
51	CHAIN LINK RAILING
52	TEMPORARY CHAIN LINK RAILING
53	CONCRETE BARRIER
54	CHAIN LINK RAILING
55	TEMPORARY CHAIN LINK RAILING
56	CONCRETE BARRIER
57	CHAIN LINK RAILING
58	TEMPORARY CHAIN LINK RAILING
59	CONCRETE BARRIER
60	CHAIN LINK RAILING
61	TEMPORARY CHAIN LINK RAILING
62	CONCRETE BARRIER
63	CHAIN LINK RAILING
64	TEMPORARY CHAIN LINK RAILING
65	CONCRETE BARRIER
66	CHAIN LINK RAILING
67	TEMPORARY CHAIN LINK RAILING
68	CONCRETE BARRIER
69	CHAIN LINK RAILING
70	TEMPORARY CHAIN LINK RAILING
71	CONCRETE BARRIER
72	CHAIN LINK RAILING
73	TEMPORARY CHAIN LINK RAILING
74	CONCRETE BARRIER
75	CHAIN LINK RAILING
76	TEMPORARY CHAIN LINK RAILING
77	CONCRETE BARRIER
78	CHAIN LINK RAILING
79	TEMPORARY CHAIN LINK RAILING
80	CONCRETE BARRIER
81	CHAIN LINK RAILING
82	TEMPORARY CHAIN LINK RAILING
83	CONCRETE BARRIER
84	CHAIN LINK RAILING
85	TEMPORARY CHAIN LINK RAILING
86	CONCRETE BARRIER
87	CHAIN LINK RAILING
88	TEMPORARY CHAIN LINK RAILING
89	CONCRETE BARRIER
90	CHAIN LINK RAILING
91	TEMPORARY CHAIN LINK RAILING
92	CONCRETE BARRIER
93	CHAIN LINK RAILING
94	TEMPORARY CHAIN LINK RAILING
95	CONCRETE BARRIER
96	CHAIN LINK RAILING
97	TEMPORARY CHAIN LINK RAILING
98	CONCRETE BARRIER
99	CHAIN LINK RAILING
100	TEMPORARY CHAIN LINK RAILING

- Notes:
- 1 Point 'Alma Station' U.P.
  - 2 Point B. No. 37-837 R
  - 3 Point B. No. 37-837 L
  - 4 Point of minimum vertical clearance
  - 5 LRT Approx. S&B

Standard Plan Sheet No. Detail No.

Notes for General Notes see "Check Contour" sheet

State of CALIFORNIA	DEPARTMENT OF TRANSPORTATION	STRUCTURES - DESIGN NO. 37-837R1	DATE: 4-25	GUADALUPE CORRIDOR	ALMA STATION UNDERPASS (LRT)	GENERAL PLAN
CH 0	467141					



DATE	11/17/70	BY	BSA
PROJECT	Alma Ave. Underpass		
DESCRIPTION	SECTION A-A		
SCALE	1" = 10'		
APPROVED	[Signature]		

GUADALUPE CORRIDOR	ALMA AVE. UNDERPASS (LRT)
GENERAL PLAN	GENERAL PLAN
STRUCTURES - DE	STRUCTURES - DE
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION
PROJECT	Alma Ave. Underpass
DATE	11/17/70
BY	BSA
SCALE	1" = 20'
APPROVED	[Signature]

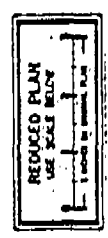
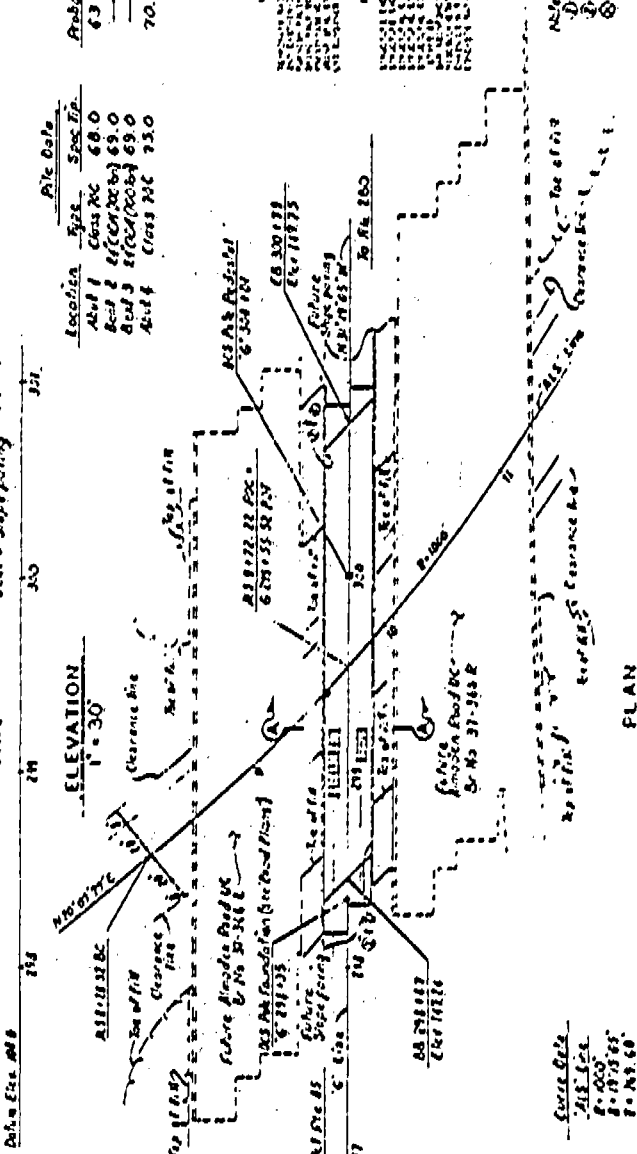
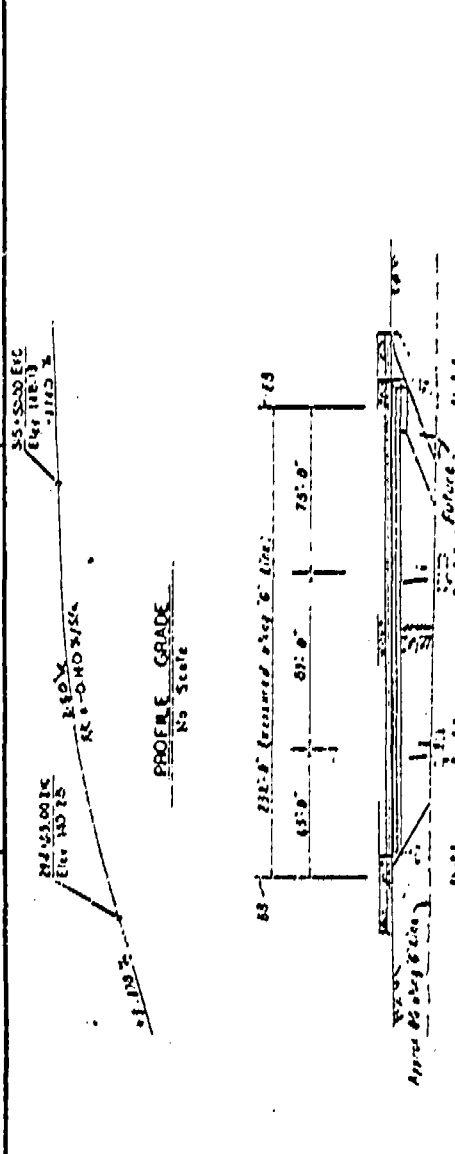
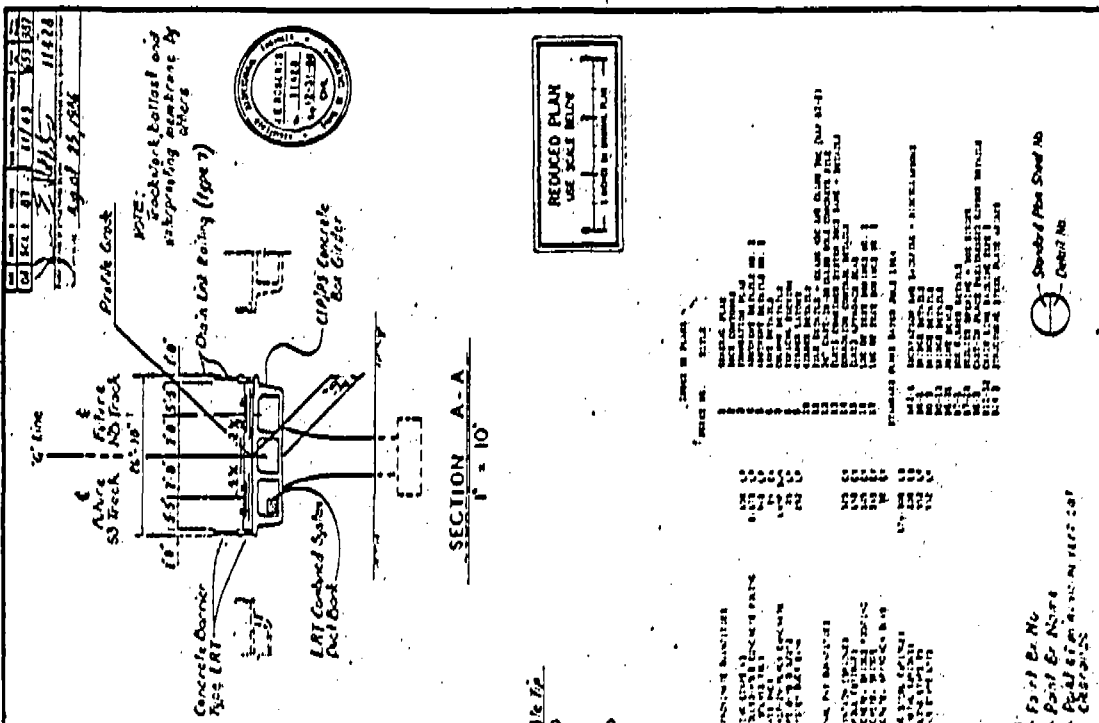
GUADALUPE CORRIDOR	ALMA AVE. UNDERPASS (LRT)
GENERAL PLAN	GENERAL PLAN
STRUCTURES - DE	STRUCTURES - DE
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION
PROJECT	Alma Ave. Underpass
DATE	11/17/70
BY	BSA
SCALE	1" = 20'
APPROVED	[Signature]

GUADALUPE CORRIDOR	ALMA AVE. UNDERPASS (LRT)
GENERAL PLAN	GENERAL PLAN
STRUCTURES - DE	STRUCTURES - DE
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION
PROJECT	Alma Ave. Underpass
DATE	11/17/70
BY	BSA
SCALE	1" = 20'
APPROVED	[Signature]

GUADALUPE CORRIDOR	ALMA AVE. UNDERPASS (LRT)
GENERAL PLAN	GENERAL PLAN
STRUCTURES - DE	STRUCTURES - DE
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100



GENERAL PLAN  
 PROJECT NO. 100-100-100-100  
 SHEET NO. 100-100-100-100  
 DATE: 10/10/10  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 APPROVED BY: [Name]

NOTES:  
 1. SEE GENERAL NOTES FOR ALL DETAILS.  
 2. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.  
 3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CALIFORNIA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.  
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.  
 5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.  
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.  
 7. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE THROUGHOUT THE PROJECT.  
 8. THE CONTRACTOR SHALL MAINTAIN ADEQUATE EROSION CONTROL MEASURES.  
 9. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SAFETY MEASURES THROUGHOUT THE PROJECT.  
 10. THE CONTRACTOR SHALL MAINTAIN ADEQUATE RECORDING AND DOCUMENTATION THROUGHOUT THE PROJECT.

GUADALUPE CORRIDOR  
 ALMADEN ROAD UNDERPASS (LRT)  
 GENERAL PLAN

PROJECT NO.	100-100-100-100
SHEET NO.	100-100-100-100
DATE	10/10/10
DRAWN BY	[Name]
CHECKED BY	[Name]
APPROVED BY	[Name]

STRUCTURES - DESIGN TO  
 100-100-100-100  
 3-58

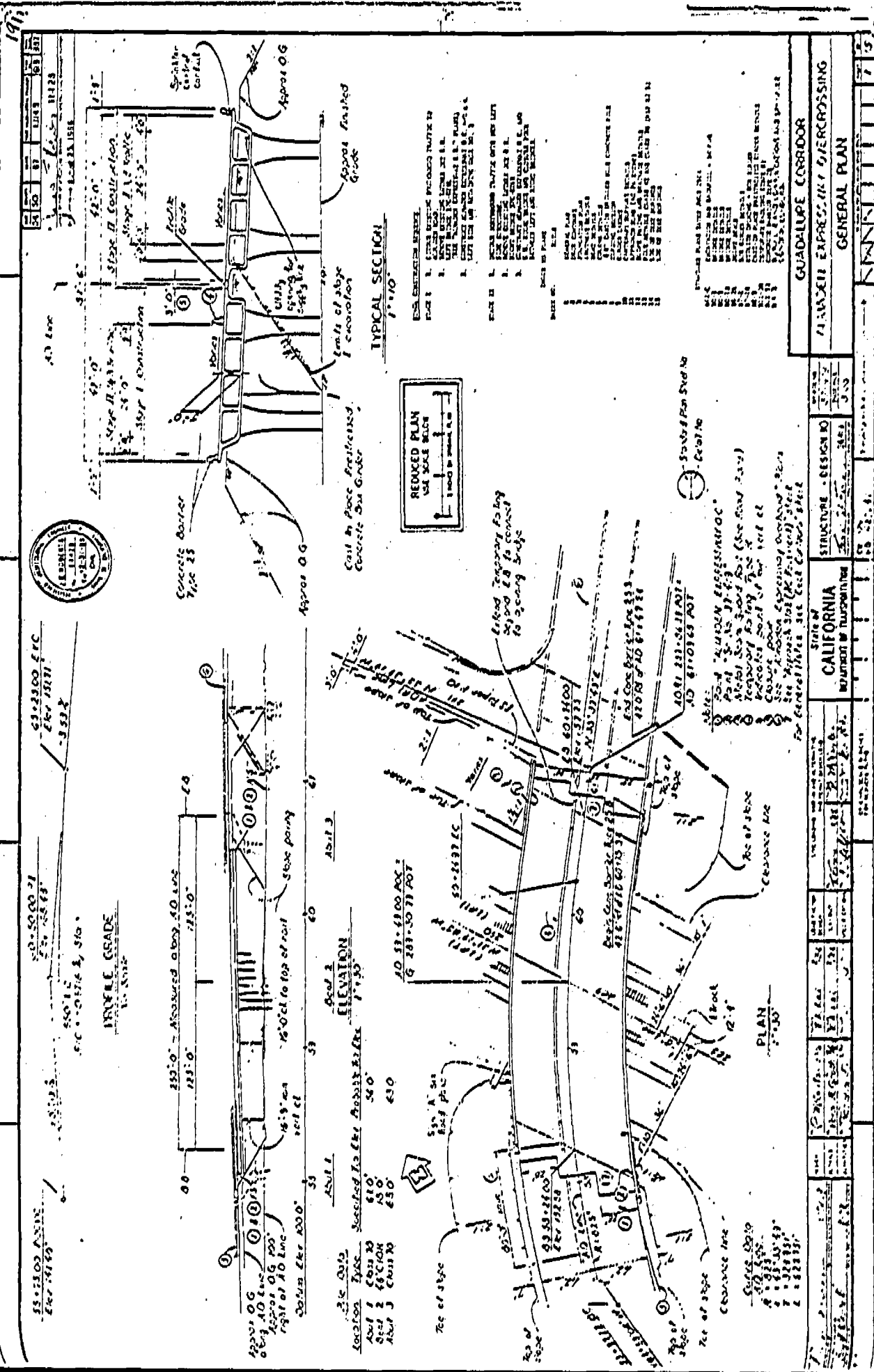
STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

Notes for General Notes see Deck Covering Sheet

PLAN 1" = 30'

Scale Date  
 100-100-100-100  
 10/10/10

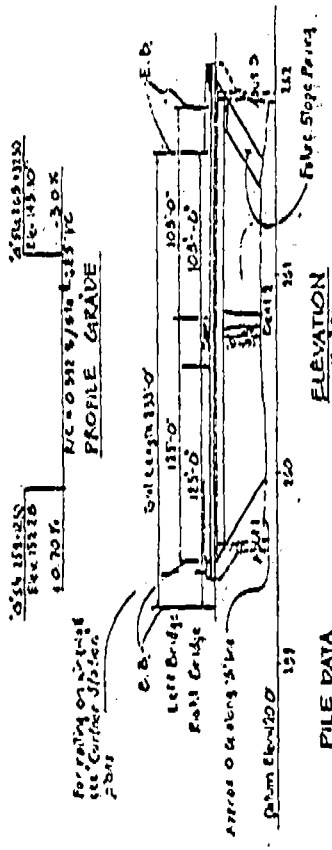
APPENDIX B (6 OF 10)



DATE	BY	REVISION
11/15/50	J. J. ...	...

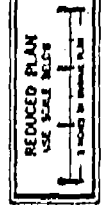
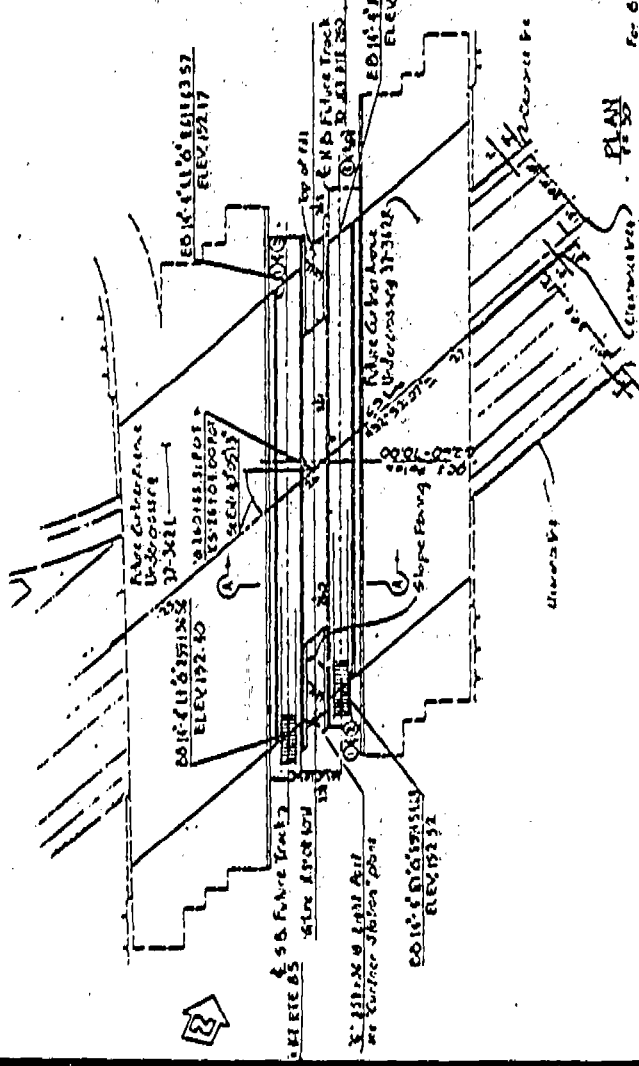


NOTE: Track, ballast and waterproof members by others.

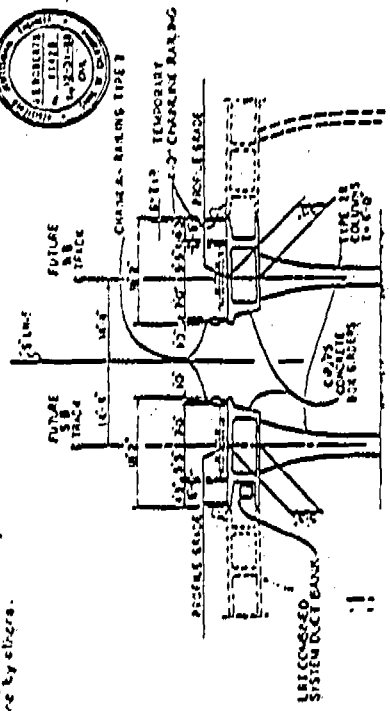


**FILE DATA**

DATE	BY	REVISION
11/15/50	J. J. ...	...

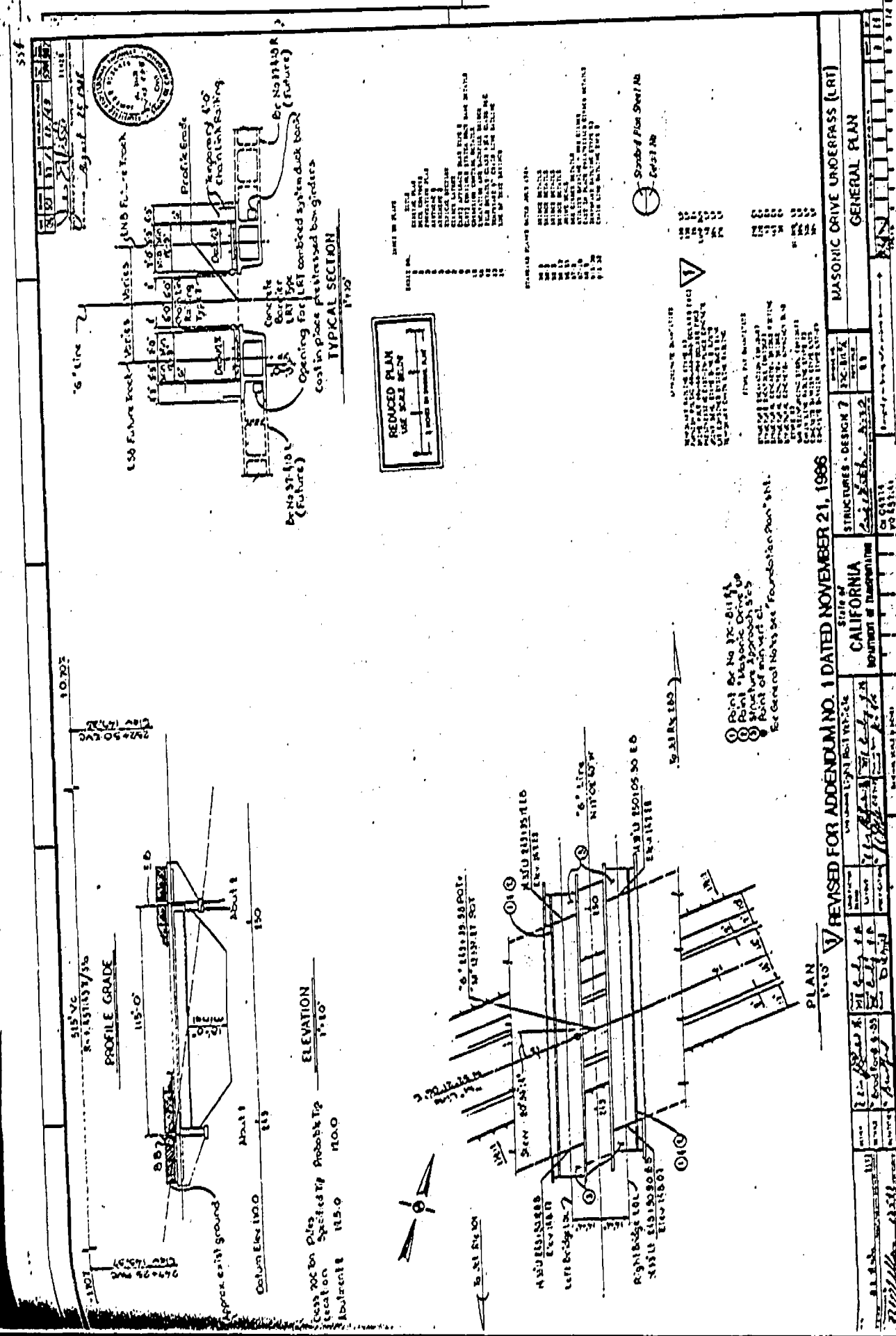


**SECTION A-A**



- CONSTRUCTION SPECIFICATIONS**
- 1. THE TRACK SHALL BE CONSTRUCTED ON A SUBGRADE OF ...
  - 2. THE BALLAST SHALL BE ...
  - 3. THE TRACK BED SHALL BE ...
  - 4. THE TRACK SHALL BE ...
  - 5. THE TRACK SHALL BE ...
  - 6. THE TRACK SHALL BE ...
  - 7. THE TRACK SHALL BE ...
  - 8. THE TRACK SHALL BE ...
  - 9. THE TRACK SHALL BE ...
  - 10. THE TRACK SHALL BE ...
  - 11. THE TRACK SHALL BE ...
  - 12. THE TRACK SHALL BE ...
  - 13. THE TRACK SHALL BE ...
  - 14. THE TRACK SHALL BE ...
  - 15. THE TRACK SHALL BE ...
  - 16. THE TRACK SHALL BE ...
  - 17. THE TRACK SHALL BE ...
  - 18. THE TRACK SHALL BE ...
  - 19. THE TRACK SHALL BE ...
  - 20. THE TRACK SHALL BE ...
  - 21. THE TRACK SHALL BE ...
  - 22. THE TRACK SHALL BE ...
  - 23. THE TRACK SHALL BE ...
  - 24. THE TRACK SHALL BE ...
  - 25. THE TRACK SHALL BE ...
  - 26. THE TRACK SHALL BE ...
  - 27. THE TRACK SHALL BE ...
  - 28. THE TRACK SHALL BE ...
  - 29. THE TRACK SHALL BE ...
  - 30. THE TRACK SHALL BE ...
  - 31. THE TRACK SHALL BE ...
  - 32. THE TRACK SHALL BE ...
  - 33. THE TRACK SHALL BE ...
  - 34. THE TRACK SHALL BE ...
  - 35. THE TRACK SHALL BE ...
  - 36. THE TRACK SHALL BE ...
  - 37. THE TRACK SHALL BE ...
  - 38. THE TRACK SHALL BE ...
  - 39. THE TRACK SHALL BE ...
  - 40. THE TRACK SHALL BE ...
  - 41. THE TRACK SHALL BE ...
  - 42. THE TRACK SHALL BE ...
  - 43. THE TRACK SHALL BE ...
  - 44. THE TRACK SHALL BE ...
  - 45. THE TRACK SHALL BE ...
  - 46. THE TRACK SHALL BE ...
  - 47. THE TRACK SHALL BE ...
  - 48. THE TRACK SHALL BE ...
  - 49. THE TRACK SHALL BE ...
  - 50. THE TRACK SHALL BE ...
  - 51. THE TRACK SHALL BE ...
  - 52. THE TRACK SHALL BE ...
  - 53. THE TRACK SHALL BE ...
  - 54. THE TRACK SHALL BE ...
  - 55. THE TRACK SHALL BE ...
  - 56. THE TRACK SHALL BE ...
  - 57. THE TRACK SHALL BE ...
  - 58. THE TRACK SHALL BE ...
  - 59. THE TRACK SHALL BE ...
  - 60. THE TRACK SHALL BE ...
  - 61. THE TRACK SHALL BE ...
  - 62. THE TRACK SHALL BE ...
  - 63. THE TRACK SHALL BE ...
  - 64. THE TRACK SHALL BE ...
  - 65. THE TRACK SHALL BE ...
  - 66. THE TRACK SHALL BE ...
  - 67. THE TRACK SHALL BE ...
  - 68. THE TRACK SHALL BE ...
  - 69. THE TRACK SHALL BE ...
  - 70. THE TRACK SHALL BE ...
  - 71. THE TRACK SHALL BE ...
  - 72. THE TRACK SHALL BE ...
  - 73. THE TRACK SHALL BE ...
  - 74. THE TRACK SHALL BE ...
  - 75. THE TRACK SHALL BE ...
  - 76. THE TRACK SHALL BE ...
  - 77. THE TRACK SHALL BE ...
  - 78. THE TRACK SHALL BE ...
  - 79. THE TRACK SHALL BE ...
  - 80. THE TRACK SHALL BE ...
  - 81. THE TRACK SHALL BE ...
  - 82. THE TRACK SHALL BE ...
  - 83. THE TRACK SHALL BE ...
  - 84. THE TRACK SHALL BE ...
  - 85. THE TRACK SHALL BE ...
  - 86. THE TRACK SHALL BE ...
  - 87. THE TRACK SHALL BE ...
  - 88. THE TRACK SHALL BE ...
  - 89. THE TRACK SHALL BE ...
  - 90. THE TRACK SHALL BE ...
  - 91. THE TRACK SHALL BE ...
  - 92. THE TRACK SHALL BE ...
  - 93. THE TRACK SHALL BE ...
  - 94. THE TRACK SHALL BE ...
  - 95. THE TRACK SHALL BE ...
  - 96. THE TRACK SHALL BE ...
  - 97. THE TRACK SHALL BE ...
  - 98. THE TRACK SHALL BE ...
  - 99. THE TRACK SHALL BE ...
  - 100. THE TRACK SHALL BE ...

GUADALUPE CORRIDOR		CURTIS AVENUE UNDERPASS (A1)		GENERAL PLAN	
STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION	DESIGN DIVISION	SECTION 284	DATE	11/15/50
PROJECT NO. 11111		SHEET NO. 284		SCALE	
DRAWN BY		CHECKED BY		APPROVED BY	
DATE		DATE		DATE	



REDUCED PLAN  
USE SCALE BELOW  
1" = 10'-0"

- STEEL IN PLACE
- NO. 4
  - NO. 5
  - NO. 6
  - NO. 7
  - NO. 8
  - NO. 9
  - NO. 10
  - NO. 11
  - NO. 12
  - NO. 14
  - NO. 16
  - NO. 18
  - NO. 20
  - NO. 22
  - NO. 24
  - NO. 27
  - NO. 30
  - NO. 36
  - NO. 42
  - NO. 48
  - NO. 54
  - NO. 60
  - NO. 66
  - NO. 72
  - NO. 78
  - NO. 84
  - NO. 90
  - NO. 96
  - NO. 102
  - NO. 108
  - NO. 114
  - NO. 120
  - NO. 126
  - NO. 132
  - NO. 138
  - NO. 144
  - NO. 150
  - NO. 156
  - NO. 162
  - NO. 168
  - NO. 174
  - NO. 180
  - NO. 186
  - NO. 192
  - NO. 198
  - NO. 204
  - NO. 210
  - NO. 216
  - NO. 222
  - NO. 228
  - NO. 234
  - NO. 240
  - NO. 246
  - NO. 252
  - NO. 258
  - NO. 264
  - NO. 270
  - NO. 276
  - NO. 282
  - NO. 288
  - NO. 294
  - NO. 300
- STEEL IN PLACE
- NO. 4
  - NO. 5
  - NO. 6
  - NO. 7
  - NO. 8
  - NO. 9
  - NO. 10
  - NO. 11
  - NO. 12
  - NO. 14
  - NO. 16
  - NO. 18
  - NO. 20
  - NO. 22
  - NO. 24
  - NO. 27
  - NO. 30
  - NO. 36
  - NO. 42
  - NO. 48
  - NO. 54
  - NO. 60
  - NO. 66
  - NO. 72
  - NO. 78
  - NO. 84
  - NO. 90
  - NO. 96
  - NO. 102
  - NO. 108
  - NO. 114
  - NO. 120
  - NO. 126
  - NO. 132
  - NO. 138
  - NO. 144
  - NO. 150
  - NO. 156
  - NO. 162
  - NO. 168
  - NO. 174
  - NO. 180
  - NO. 186
  - NO. 192
  - NO. 198
  - NO. 204
  - NO. 210
  - NO. 216
  - NO. 222
  - NO. 228
  - NO. 234
  - NO. 240
  - NO. 246
  - NO. 252
  - NO. 258
  - NO. 264
  - NO. 270
  - NO. 276
  - NO. 282
  - NO. 288
  - NO. 294
  - NO. 300
- STEEL IN PLACE
- NO. 4
  - NO. 5
  - NO. 6
  - NO. 7
  - NO. 8
  - NO. 9
  - NO. 10
  - NO. 11
  - NO. 12
  - NO. 14
  - NO. 16
  - NO. 18
  - NO. 20
  - NO. 22
  - NO. 24
  - NO. 27
  - NO. 30
  - NO. 36
  - NO. 42
  - NO. 48
  - NO. 54
  - NO. 60
  - NO. 66
  - NO. 72
  - NO. 78
  - NO. 84
  - NO. 90
  - NO. 96
  - NO. 102
  - NO. 108
  - NO. 114
  - NO. 120
  - NO. 126
  - NO. 132
  - NO. 138
  - NO. 144
  - NO. 150
  - NO. 156
  - NO. 162
  - NO. 168
  - NO. 174
  - NO. 180
  - NO. 186
  - NO. 192
  - NO. 198
  - NO. 204
  - NO. 210
  - NO. 216
  - NO. 222
  - NO. 228
  - NO. 234
  - NO. 240
  - NO. 246
  - NO. 252
  - NO. 258
  - NO. 264
  - NO. 270
  - NO. 276
  - NO. 282
  - NO. 288
  - NO. 294
  - NO. 300

STEEL IN PLACE

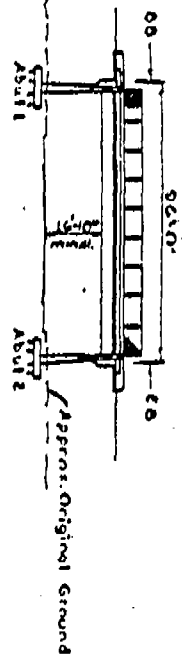
- NO. 4
- NO. 5
- NO. 6
- NO. 7
- NO. 8
- NO. 9
- NO. 10
- NO. 11
- NO. 12
- NO. 14
- NO. 16
- NO. 18
- NO. 20
- NO. 22
- NO. 24
- NO. 27
- NO. 30
- NO. 36
- NO. 42
- NO. 48
- NO. 54
- NO. 60
- NO. 66
- NO. 72
- NO. 78
- NO. 84
- NO. 90
- NO. 96
- NO. 102
- NO. 108
- NO. 114
- NO. 120
- NO. 126
- NO. 132
- NO. 138
- NO. 144
- NO. 150
- NO. 156
- NO. 162
- NO. 168
- NO. 174
- NO. 180
- NO. 186
- NO. 192
- NO. 198
- NO. 204
- NO. 210
- NO. 216
- NO. 222
- NO. 228
- NO. 234
- NO. 240
- NO. 246
- NO. 252
- NO. 258
- NO. 264
- NO. 270
- NO. 276
- NO. 282
- NO. 288
- NO. 294
- NO. 300

- 1 Point for No. 30-6114
  - 2 Point for Masonic Drive up
  - 3 Structure Approach S&S
  - 4 Point of intersection
- See General Notes for Foundation Plan 481.

REVISED FOR ADDENDUM NO. 1 DATED NOVEMBER 21, 1986		STRUCTURES - DESIGN 7		MASONIC DRIVE UNDERPASS (LRT)	
STATE OF CALIFORNIA		EX-104		GENERAL PLAN	
Department of Transportation		A-332		SHEET NO. 11	
PROJECT NO. 11111		DATE 11/21/86		SCALE 1" = 10'-0"	
DRAWN BY [Signature]		CHECKED BY [Signature]		APPROVED BY [Signature]	

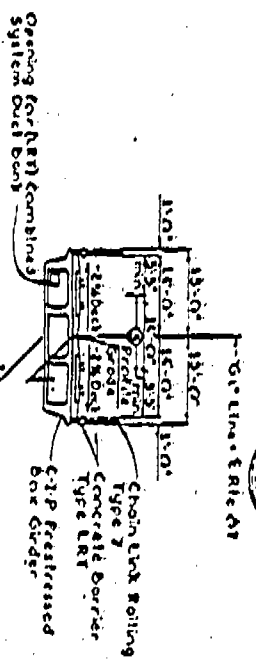


PROFILES GRADE  
No. 5086

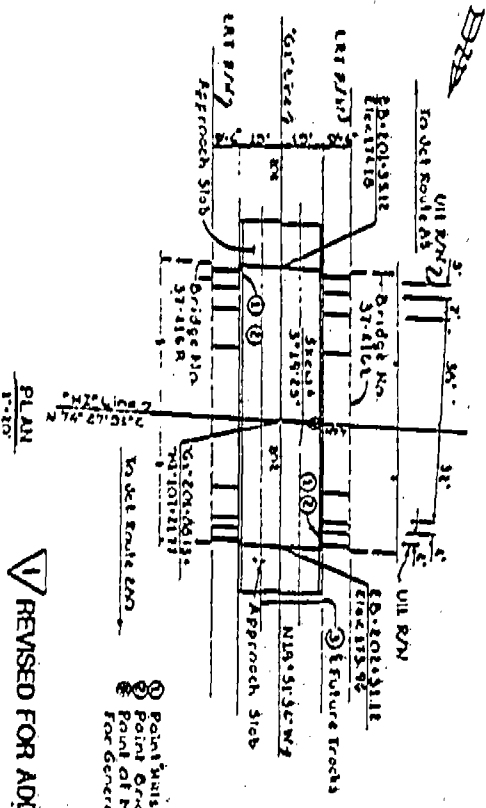
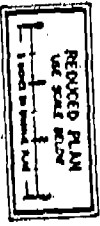


ELEVATION  
100.00

Column Elevation 100.00  
Abutment Elevation 100.00  
Approach Slab Elevation 100.00

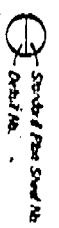


TYPICAL SECTION  
100.00



PLAN  
100.00

REVISOR FOR ADDENDUM NO. 1 DATED NOVEMBER 21, 1986



PROJECT NO.	DATE	SCALE	DESIGNER	CHECKER	APPROVED
100.00	10/21/86	1/4" = 1'-0"	D.A. Smith	D.A. Smith	D.A. Smith
STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PROJECT NO. 100.00 DATE 10/21/86 SCALE 1/4" = 1'-0" DESIGNER D.A. Smith CHECKER D.A. Smith APPROVED D.A. Smith					
HILLSIDE AVE UNDERPASS (Rt) GENERAL PLAN					