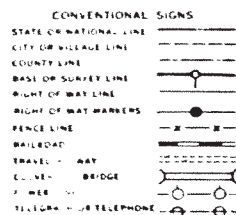


INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	TITLE SHEET
2	DETOUR DETAILS
3-4	PROJECT LAYOUT
5-6	TYPICAL SECTION
7-8	ESTIMATE AND QUANTITY
9-10	SPECIFICATION DATA
11-12	SUMMARY OF GRADING
13-14	MISCELLANEOUS SUMMARIES
15-16	PLAN PROFILE SHEETS
17-18	RECHOOPLY LAYOUT
19-20	INTERSECTION LAYOUTS
21-22	DRAINAGE AREA MAP (STORM SEWER)
23-24	INLET AND STORM SEWER COMPUTATIONS
25-26	DRAINAGE PLAN PROFILE SHEETS
27-28	DRAINAGE AREA MAP
29-30	CULVERT CROSS-SECTIONS
31-32	INLET DETAILS (TYPE I, F, AND G) SHIT
33-34	DETAIL OF CURB INLET (TYPE I)
35-36	MANHOLE DETAILS (TYPE I AND II)
37-38	MISCELLANEOUS DETAILS
39-40	CONSTRUCTION JOINT
41-42	BS-71 (MOD)
43-44	BS-69 (MOD)
45-46	SPECIAL BRIDGE APPROACH SLAB DETAIL
47-48	MILLS CREEK BRIDGE AT DAVIDSON DR.
49-50	MILLS CREEK BRIDGE AT S.H. 66
51-52	MKT RR UNDERPASS LAYOUT & DETAILS
53-54	ROWLETT CREEK BRIDGE LAYOUT & DETAILS
55-56	MC5-1
57-58	MCW-F1
59-60	MC9-B
61-62	MC-30
63-64	MCW-F2-30
65-66	MC9-2
67-68	MC-45
69-70	MCW-F1-45
71-72	MC5-2
73-74	CH-11
75-76	CH-11-B
77-78	BRIDGE PILE TYPE 12 (TYPE C-4) 11' x 11' x 11'
79-80	FR-1 AND FR-2
81-82	SE-1 (TYPE 1)
83-84	MBGF (E) 14
85-86	RD-69
87-88	BE-1 (TYPE 1) 14' x 14' x 14'
89-90	CST-11
91-92	BC-1 (TYPE 1) 14' x 14' x 14'
93-94	MC-11
95-96	MC-11 (REV)
97-98	CONV-1
99-100	ODS
101-102	OPA-1

STATION 100



ONE EXCEPTION:
PROJECT M-5007(1)
FROM STA 7+78.33 TO STA 137+10=1293.67

SPECIFICATIONS ADOPTED BY THE STATE HIGHWAY DEPARTMENT
OF TEXAS JANUARY 5, 1972 AND SPECIFICATION ITEMS LISTED
AND DATED AS FOLLOWS SHALL GOVERN ON THIS
PROJECT AND ARE NOT TO BE USED FOR ANY OTHER
FEDERAL AID PROJECTS (FORM FH-1273, APRIL, 1974).

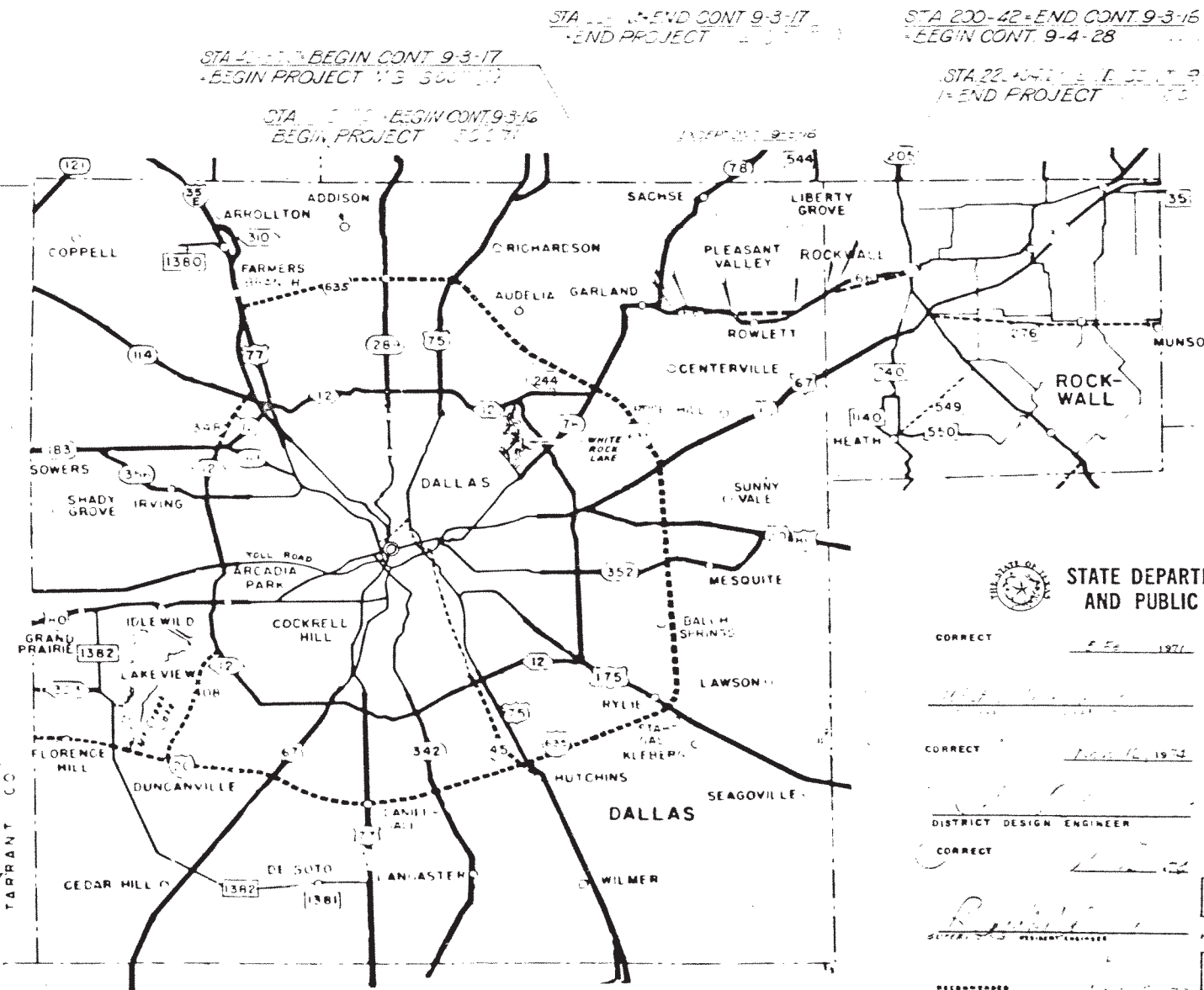
STATE OF TEXAS STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

PLAN OF PROPOSED STATE HIGHWAY IMPROVEMENT

FEDERAL AID PROJECT
M-5007(1) (S 0007(2) & M 5009(1))

DALLAS AND ROCKWALL COUNTY
S.H. 66

FROM DAIRY ROAD IN GARLAND TO THE BEGINNING OF LAKE PARK HUBBARD RELOCATION
GRADING, STRUCTURES, CONCRETE PAVEMENT, FILL, DRAINAGE, CURBS, ETC. TO BE CONSTRUCTED. EXISTING
ST. LOUIS RR AND ASPHALT CONCRETE PAVEMENT



LAYOUT SCALE: 1 IN. = 2 MILES

7304
15

Date Work Accepted: September 28, 1972
FINAL PLANS
Letting Date: September 7, 1975
Date of Revision: September 13, 1975
Date of Revision: September 26, 1977

Field Change No. 1: Revise Shop drawings to provide additional details for bridge structure.
Field Change No. 2: Provide for payment for additional work on bridge structure.
Field Change No. 3: Provide additional details for bridge structure.
Field Change No. 4: Revise the bridge structure to provide additional details.
Extra Work Order No. 1: Revise the bridge structure to provide additional details.

TOTAL PROJECT	9-3-16	9-3-17	9-3-18
NET LENGTH OF ROADWAY	1.45	1.45	1.45
NET LENGTH OF BRIDGES	1.45	1.45	1.45
NET LENGTH OF PROJECT	1.45	1.45	1.45

Field Change No. 5: Revise price for items 246, 260 and 262.

Note: The Contractor shall own investment and arrange for bridge facilities.

The Contractor shall provide bridge structure and arrange for bridge facilities.



STATE DEPARTMENT OF HIGHWAYS
AND PUBLIC TRANSPORTATION

CORRECT: 1972
CORRECT: 1973

CORRECT: 1974

CORRECT: 1975

CORRECT: 1976

CORRECT: 1977

CORRECT: 1978

CORRECT: 1979

CORRECT: 1980

DEPARTMENT OF TRANSPORTATION

APPROVED: 1972

APPROVED: 1973

APPROVED: 1974

APPROVED: 1975

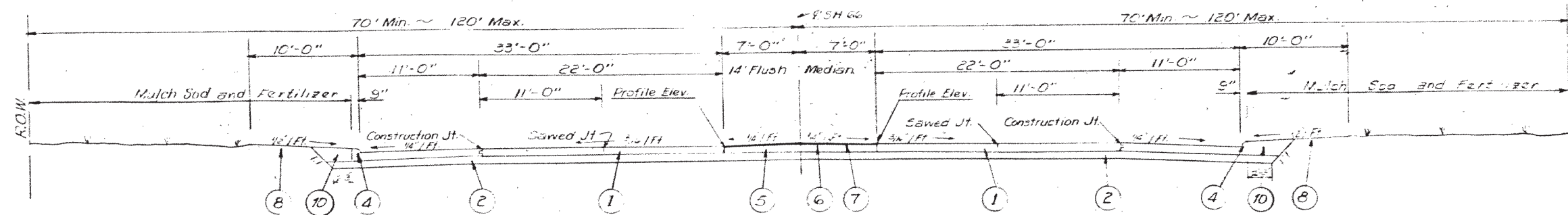
APPROVED: 1976

APPROVED: 1977

APPROVED: 1978

APPROVED: 1979

APPROVED: 1980

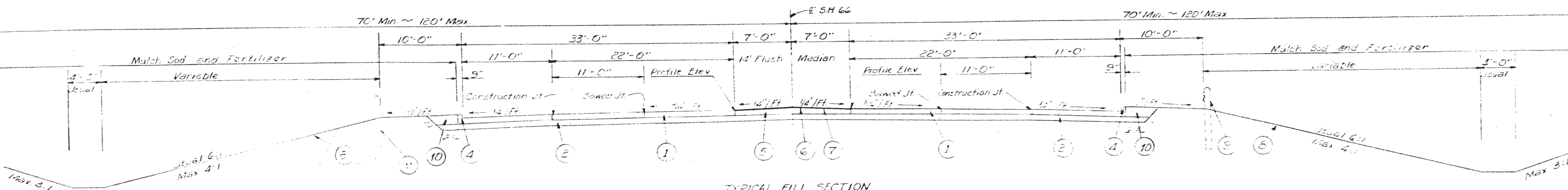


- LEGEND
1. 8" Concrete Pavement (CPC)
 2. Lime Stab. Subgrade (Approx 6")
 3. C. B. Conc. Riprap (5")
 4. Monolithic Conc. Ty. 1
 5. Approx 8" Fnd. Crse. (Lime Stab)
 6. Approx 1" ASP
 7. Prime Coat
 8. Mulch Sod & Fertilizer
 9. Galv. Spt. Beam Guard Fence Class "B" (when necessary)
 10. Earth Backfill
 11. Class B Conc. Riprap (2)
 12. Class A Guard Rail (Bar)

Lime Stabilized Foundation Course estimated at 65 tons per station

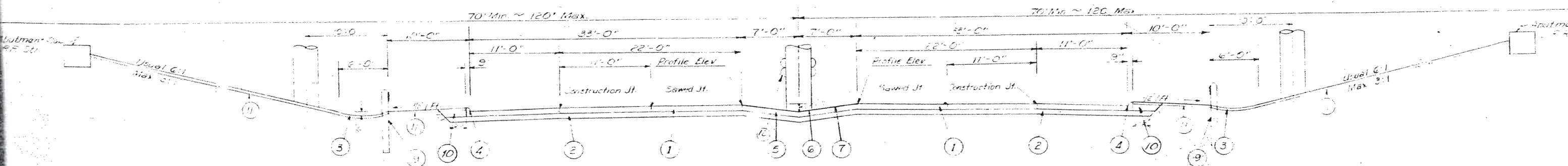
TYPICAL NORMAL SECTION
To be used between: Sta. 37+00 and 39+00
Sta. 50+00 and 51+00 (Use Depressed Median - See Sec. C)
Sta. 62+00 and 71+50
From Sta. 71+50 to Sta. 77 transition from Section 'A' to Section 'D'.

(A)



TYPICAL FILL SECTION

(B)



TYPICAL CUT SECTION
THRU R.R. UNDERPASS.
SUPERELEVATED CURVES

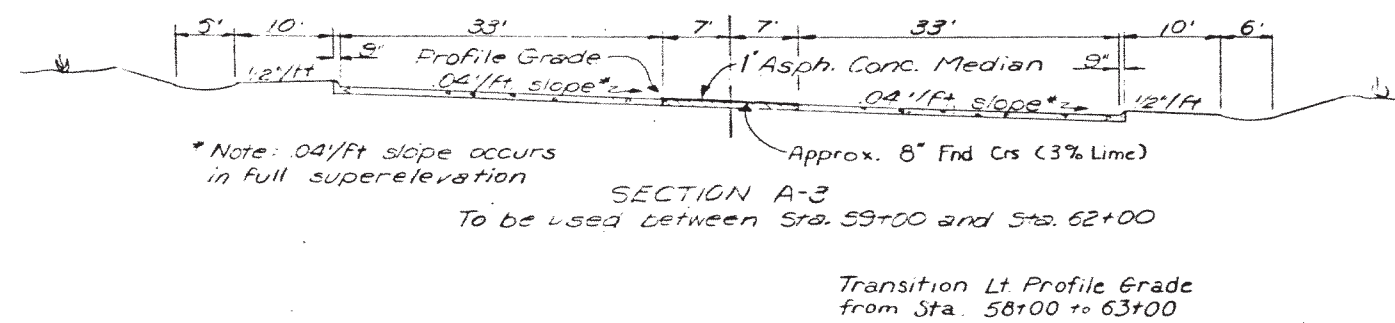
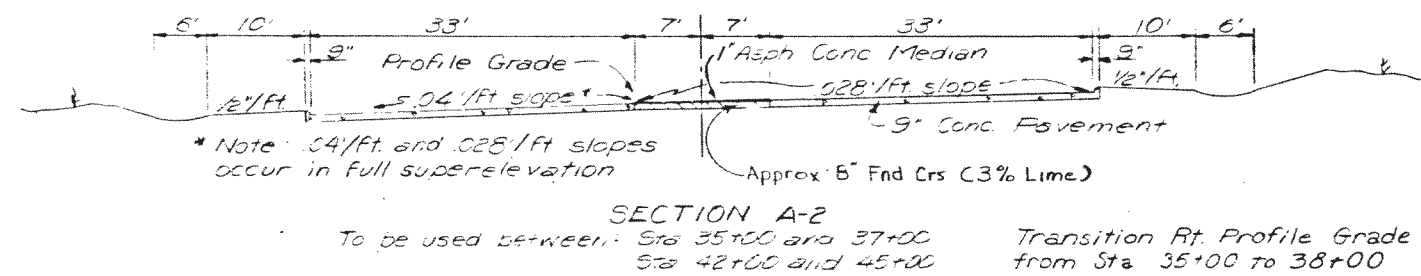
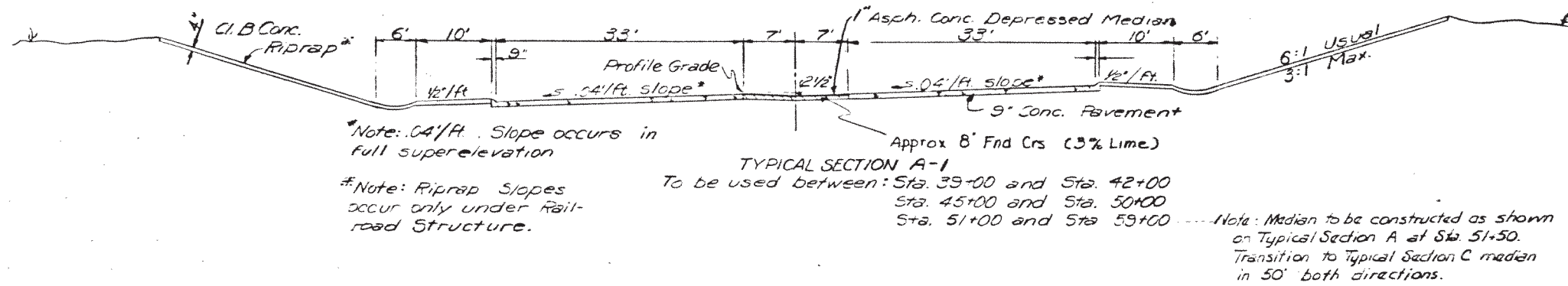
(C)

TYPICAL SECTIONS
FROM NEAR LAIRY RD. TO EAST
OF M.K.T. RAILROAD

Sheet 1 of 4

M 5 0071

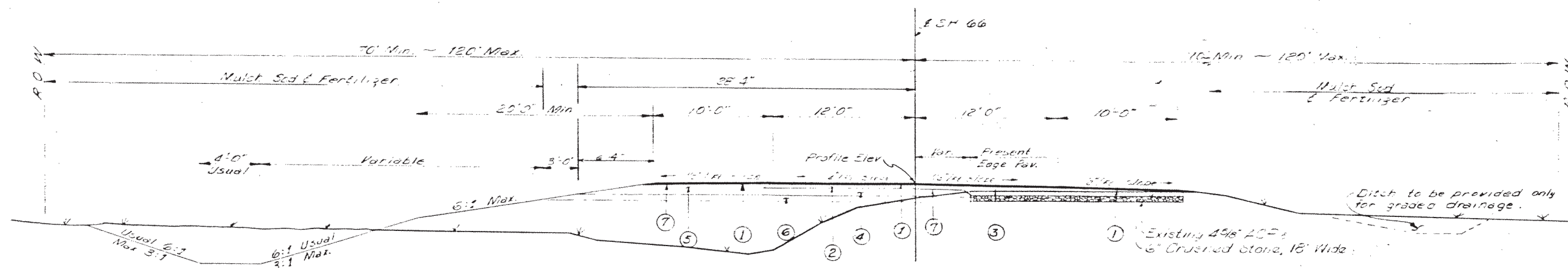
18 total, etc 9



TYPICAL SECTIONS
FROM STA. 32+00 TO STA 62+00
Note: For transition information see CST-71. See Section "A" for subgrade, curb, backfill and joint information.

Sheet 2 of 4

18 Dallas, etc. 9 3



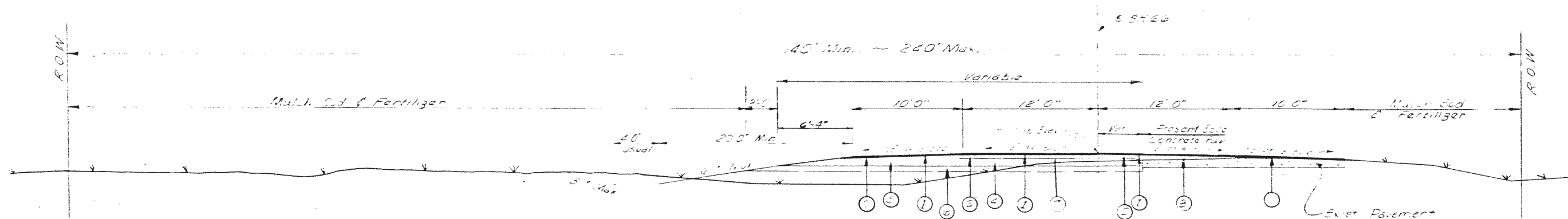
Lime Stabilized Foundation Course
estimated at approximately 154 tons
total 4.5 per station loose.

TYPICAL WIDENING SECTION
To be used between Sta 135+63.52
to Sta 200+42
East of Exception
(F)

Note: At those locations where new construction crosses
to the opposite side of the present E, typical section
will be in accordance with Typical Section "D" Approx
18 Sta will be required.

LEGEND

1. Approx. 1" ACP Surf.
2. Approx. 3" Asph. Stab. Base
3. Variable Depth Asph. Stab. Base
4. Fin. Crse. (Approx. 9") Lime Stab. (3)
5. Fin. Crse. (Approx. 15") Lime Stab. (3)
6. Lime Stab. Base (Approx. 4") (5%)
7. Prime Coat



Lime Stabilized Foundation Course
estimated at approximately 154 tons
total 4.5 per station loose.

TYPICAL WIDENING SECTION
To be used between Sta. 200+42
to Sta 222+4.21
(G)

TYPICAL SECTIONS
From West of Manda Creek To
The Beginning of Lake Bay
Subarea, Reclamation.

Sheet 4 of 4

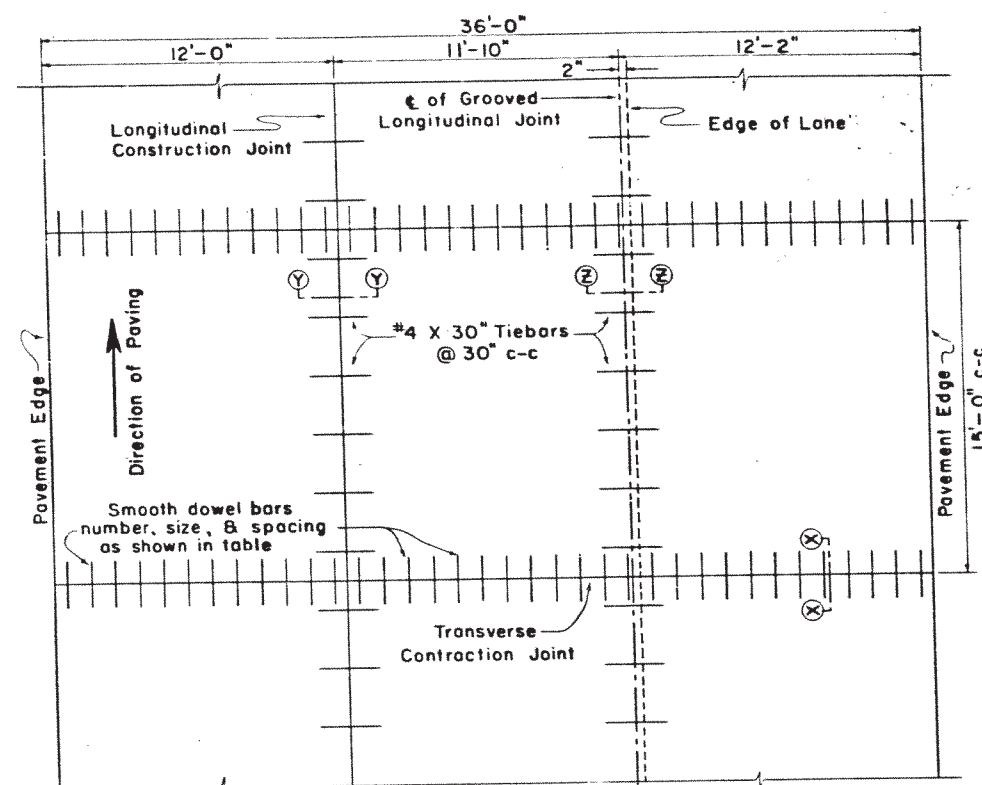
11/5/07

18 11, etc. 9

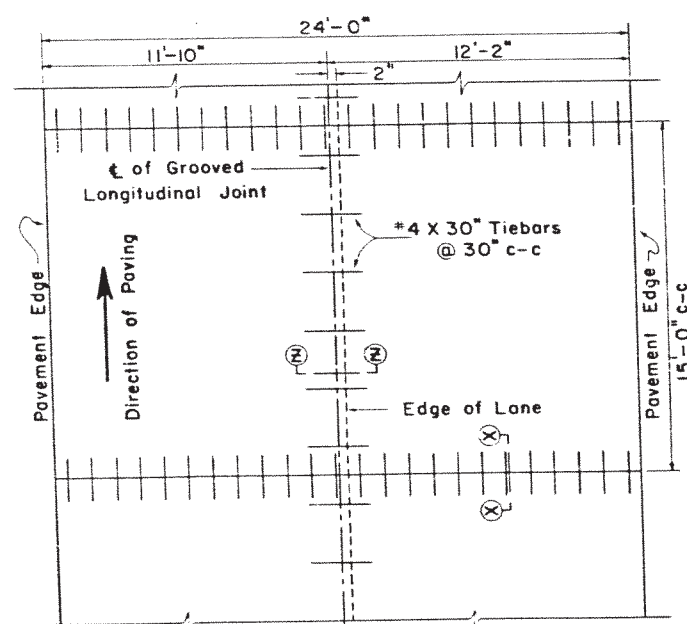
GENERAL NOTES

1. NO EXPANSION JOINTS WILL BE USED EXCEPT AT STRUCTURE ENDS OR FIXED OBJECTS AS SHOWN ELSEWHERE IN THE PLANS.
2. FOR FURTHER INFORMATION REGARDING THE PLACEMENT OF CONCRETE AND LOAD TRANSFER DEVICES REFER TO THE GOVERNING SPECIFICATIONS FOR "CONCRETE PAVEMENT".
3. DETAILS AS TO PAVEMENT WIDTH, PAVEMENT THICKNESS, AND THE CROWN CROSS-SLOPE SHALL BE AS SHOWN ELSEWHERE IN THE PLANS.
4. JOINT GROOVE AND SEAL DETAILS SHALL BE AS SHOWN ELSEWHERE IN THE PLANS.
5. TIEBARS SHALL BE SECURED PARALLEL TO THE PAVEMENT SURFACE AND PERPENDICULAR TO THE CENTERLINE BY:
 - (a) USE OF BAR CHAIRS
 - (b) ACCURATELY PLACED IN POSITION ON THE SCREEDED CONCRETE BY MEANS OF AN APPROVED TEMPLATE AND FORCED TO THE PROPER POSITION WITH A SUITABLE TOOL, OR
 - (c) BY ANY OTHER MEANS WHICH, PRIOR TO ITS USE, HAS BEEN APPROVED BY THE ENGINEER.
6. DOWEL BARS SHALL BE SECURED PARALLEL TO THE PAVEMENT SURFACE AND CENTERLINE BY A DOWEL BAR CHAIR.
7. WHEN WORK IS STOPPED DUE TO BREAKDOWN OR OTHER CAUSE, CONCRETE SHALL BE REMOVED BEYOND LAST CONTRACTION JOINT IN PLACE AND A HEADER INSTALLED.
8. WHERE A MONOLITHIC CURB IS SPECIFIED, THE JOINT IN THE CURB SHALL COINCIDE WITH PAVEMENT JOINTS AND MAY BE FORMED BY ANY MEANS WHICH, PRIOR TO ITS USE, HAS BEEN APPROVED BY THE ENGINEER.
9. CONSTRUCTION JOINTS MAY BE FORMED BY USE OF METAL OR WOOD FORMS EQUAL IN DEPTH TO THE NOMINAL DEPTH OF THE PAVEMENT, OR BY OTHER MEANS WHICH HAVE BEEN APPROVED BY THE ENGINEER PRIOR TO THEIR USE.
10. LONGITUDINAL AND TRANSVERSE STEEL SPACING SHALL NOT VARY MORE THAN ONE TWELFTH OF THE SPACING SHOWN HEREON.
11. THE TIEBAR SPACINGS SHOWN ARE FOR ASTM DESIGNATIONS: A-615, OR A-616, GRADE 60, TIEBARS WHICH SHALL NOT BE BENT. IF TIEBARS ARE TO BE BENT, THEY SHALL BE STEEL CONFORMING TO ASTM DESIGNATION: A-615, GRADE 40, WITH A CENTER TO CENTER SPACING OF 24 INCHES.
12. SEE RC (CPCR)-71, FOR STEEL PLACING REQUIREMENTS IN THE AREA OF CONFLUENCE AT RAMP TERMINALS.

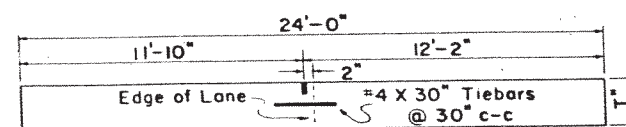
DEPTH OF PAVEMENT (INCHES)	DOWELS (SMOOTH BARS)		
	SIZE AND LENGTH	AVERAGE SPACING (INCHES)	WEIGHT PER FOOT OF JOINT (LBS)
8	1" X 18"	12	4.01
9	1 1/8" X 20"	12	5.63
10	1 1/4" X 22"	12	7.65
11	1 3/8" X 24"	12	10.10



THREE LANE PAVEMENT PLAN
(12 ft. & 24 ft. Placement)*

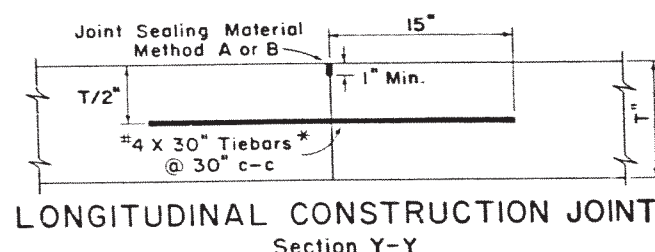
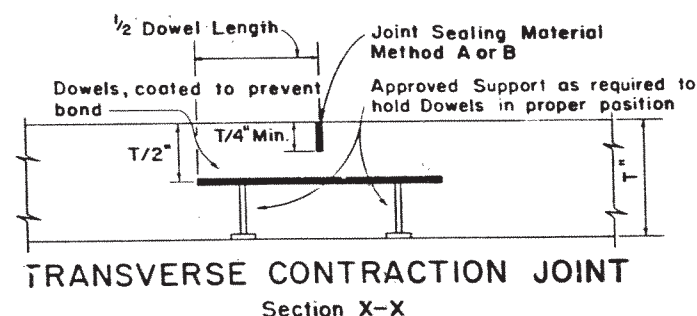


TWO LANE PAVEMENT PLAN



TYPICAL SECTION
(24 ft. Placement)*

* Lane widths are for illustrative purposes only and should not be used if in conflict with typical cross sections shown elsewhere in the plans.



* WITH THE APPROVAL OF THE ENGINEER, MULTIPLE-PIECE TIEBARS (THREADED COUPLING OR OTHER ADEQUATE DEVICE) MAY BE USED TO FACILITATE CONSTRUCTION PROVIDED THE SYSTEM DEVELOPS A FORCE EQUAL TO 1.2 TIMES THE MINIMUM FORCE OF THE TIEBAR SHOWN. THE SPACINGS FOR THE SYSTEM SHALL BE LESS THAN OR EQUAL TO THE SPACING ALLOWED FOR BARS OF SIMILAR YIELD STRENGTH.

