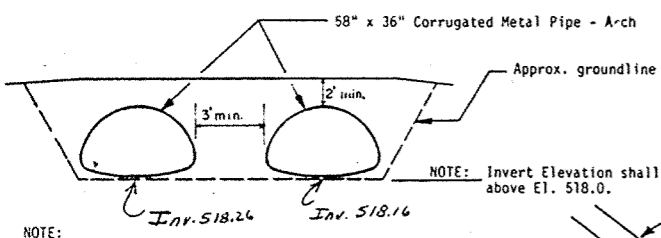
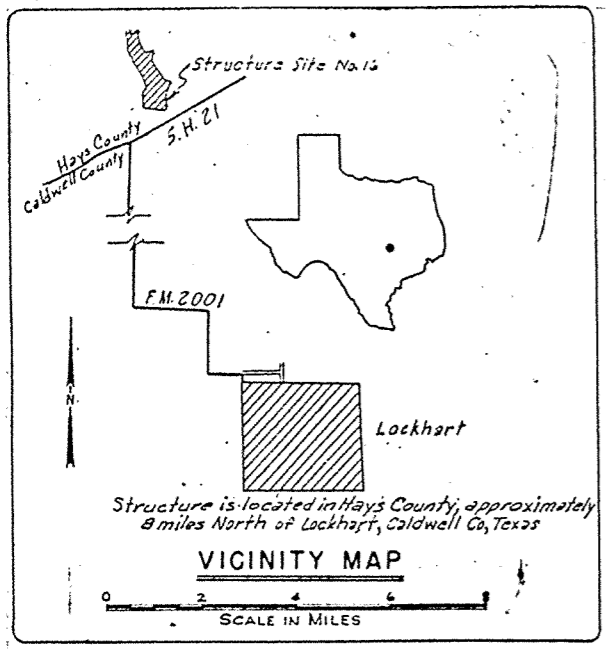


**AS BUILT PLANS**

CONTRACT NO. 50-7442-9-1  
 CONTRACTOR Ellers Construction Co., Inc.  
 CONSTRUCTION COMMENCED 6/23/89  
 GOV. REPRESENTATIVE Billy J. Gunter  
 GOV. INSPECTOR Richard S. Range  
 BID PRICE \$ 221,385.85  
 FINAL PRICE \$ 277,684.09  
 CONSTRUCTION COMPLETED 10/9/89



NOTE:  
 Install culverts as shown. Culverts shall comply with the requirements of Federal Specification KWP405 and shall be 12 ga. galvanized, class II, Series A, Shape 3. Each culvert shall be 40 ft. in length.

Backfill shall comply with the requirements of Construction Specification 23.

NOTE:  
 Approximate location of culvert crossing. Final location shall be as staked.

Approx. Limits of Work Area

The Embankment Repair shall extend from approximate Sta. 2+00 to approximate Sta. 22+00.

Approximate location of stockpile area for topsoil and gravel.

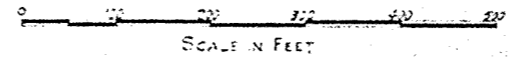
Approximate location of stockpile area for embankment removal and lime-treatment area.

Emergency Spillway  
 Curve Data  
 Δ = 103° 20'  
 S = 19' 01"  
 R = 207' 24"  
 L = 543' 36"  
 PC = Sta. 34+96.14  
 PT = Sta. 14+30

**STUB DIVERSION NOTE**

STUB DIVERSIONS (S.D.) SHALL HAVE 13 FT. MINIMUM BASE WIDTH; 3:1 SIDE SLOPES; AND 18" EFFECTIVE HEIGHT. EFFECTIVE HEIGHT MAY BE SECURED BY GRADING A CHANNEL ACROSS HIGH POINTS TO REDUCE THE HEIGHT OF FILL REQUIRED IN LOW AREAS. WHERE A CHANNEL SECTION IS REQUIRED, THE MINIMUM BOTTOM WIDTH OF CHANNEL SHALL BE 12 FT. (SEE CONSTRUCTION SPECIFICATION 27.)

**PLAN OF EMBANKMENT AND SPILLWAYS**



AS-BUILT PLANS  
 CONSTRUCTION COMPLETED 10/9/89  
 RB

**EMBANKMENT REPAIR**  
 FLOODWATER RETARDING STRUCTURE SITE NO 16  
 PLUM CREEK WATERSHED  
 IN  
 HAYS COUNTY, TEXAS

**U.S. DEPARTMENT OF AGRICULTURE**  
 SOIL CONSERVATION SERVICE

Revised: R. Rodriguez  
 Revisions Approved By  
 C. B. Currin  
 STATE CONSERVATION  
 ENGINEER

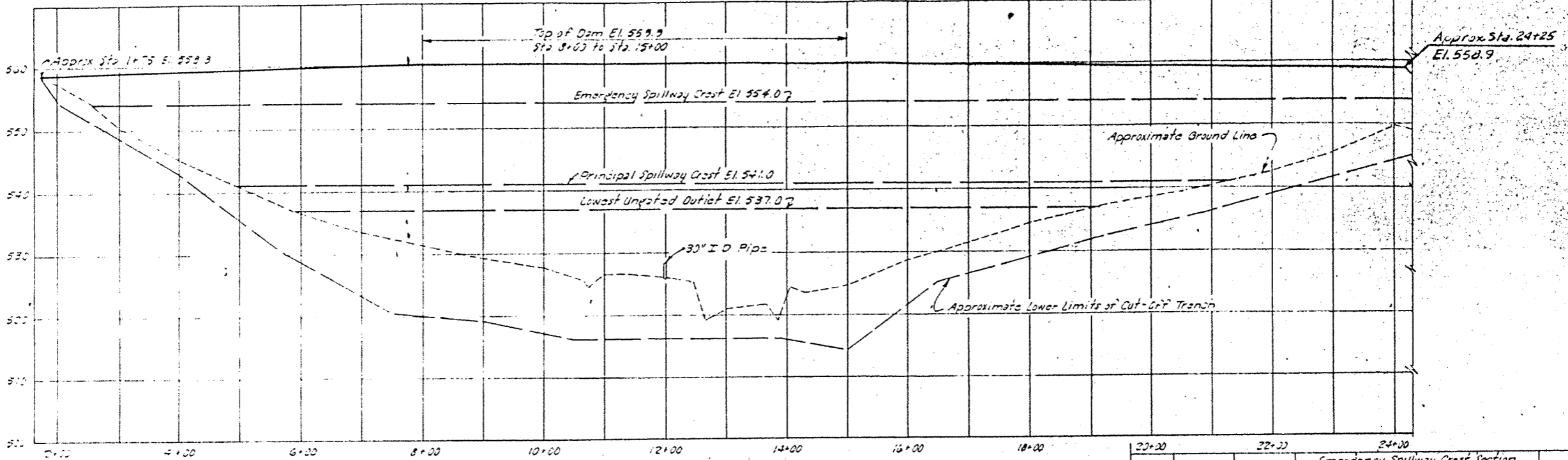
/S/ Robert A. Fronk, Jr.  
 Approved By Letter  
 Dated: 11-16-88

/S/ Robert A. Fronk, Jr.  
 Approved By Letter  
 Dated: 6-3-88

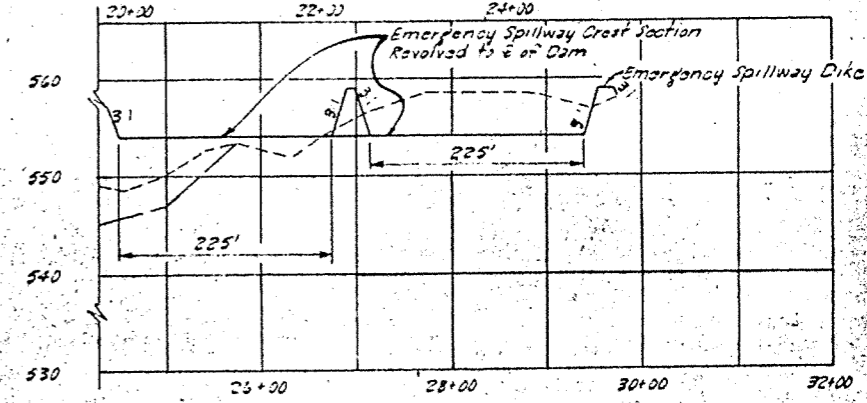
DESIGNED	DATE	APPROVED BY
R. Rodriguez	4-88	<i>[Signature]</i>
G Perkins	4-88	
G Perkins	4-88	<i>[Signature]</i>
M. D. Koy	5-88	

6-28-88  
 SHEET 1 OF 2  
**4-E-32,489 R**

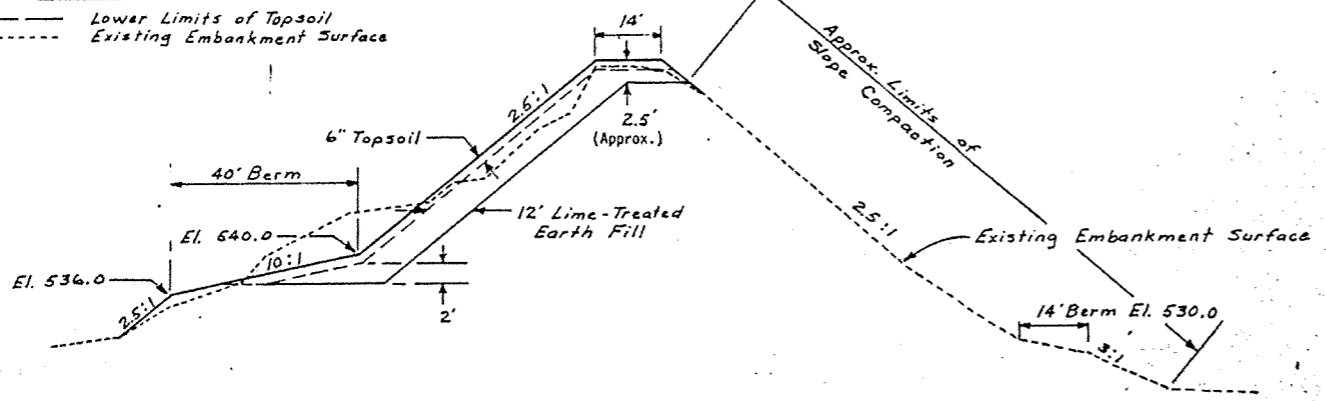
El 560.75  
 Sta. 1+34



PROFILE ON C OF DAM



LEGEND  
 - - - Lower Limits of Topsoil  
 - - - Existing Embankment Surface



TYPICAL SECTION

The slope repair shall consist of the removal of materials as specified and of the construction of 2.5:1 embankment slopes as shown. (See Construction Specifications 21 and 210.)

A minimum of 6" of topsoil shall be placed on all lime-treated earthfill areas and on borrow areas and stockpile areas which are excessively disturbed by the construction operations. (See Construction Specification 26.)

Topsoil is not required on the upstream slope below elevation 536.0.

NO CHANGE IN PLANS  
 AS-BUILT PLANS  
 CONSTRUCTION  
 COMPLETED 10/9/89

<b>EMBANKMENT REPAIR</b> FLOODWATER RETARDING STRUCTURE SITE NO. 16 PLUM CREEK WATERSHED IN HAYS COUNTY, TEXAS			
<b>U.S. DEPARTMENT OF AGRICULTURE</b> <b>SOIL CONSERVATION SERVICE</b>			
DESIGNED	R. Rodriguez	DATE	4-88
DRAWN	G. Perkins	DATE	4-88
CHECKED	M. D. Kay	DATE	5-88
		SHEET	2
		DRAWING NO.	4-E-32,489 R