

INDEX OF SHEETS
PROJECT NO. F.A.S. 4-A(1)1939

- SHEET NO. 1 Title Sheet
 2a Typical Cross Sections of Roadway
 2b Standard & Misc. Structures (2 sheets)
 2c Detour Signs
 2d Std. & Extra Strength R.C. Pipe
 2e Wire Cable Guard Fence
 2f Portable Snow Fence (Alternate Type)
 2-g Plan & Profile Sta. 340+00 to 545+22.0
 7-8 Summary
 9-70 Cross Section

INDEX OF SHEETS
PROJECT NO.

SHEET NO.

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

URIE - CARTER
UINTA COUNTY

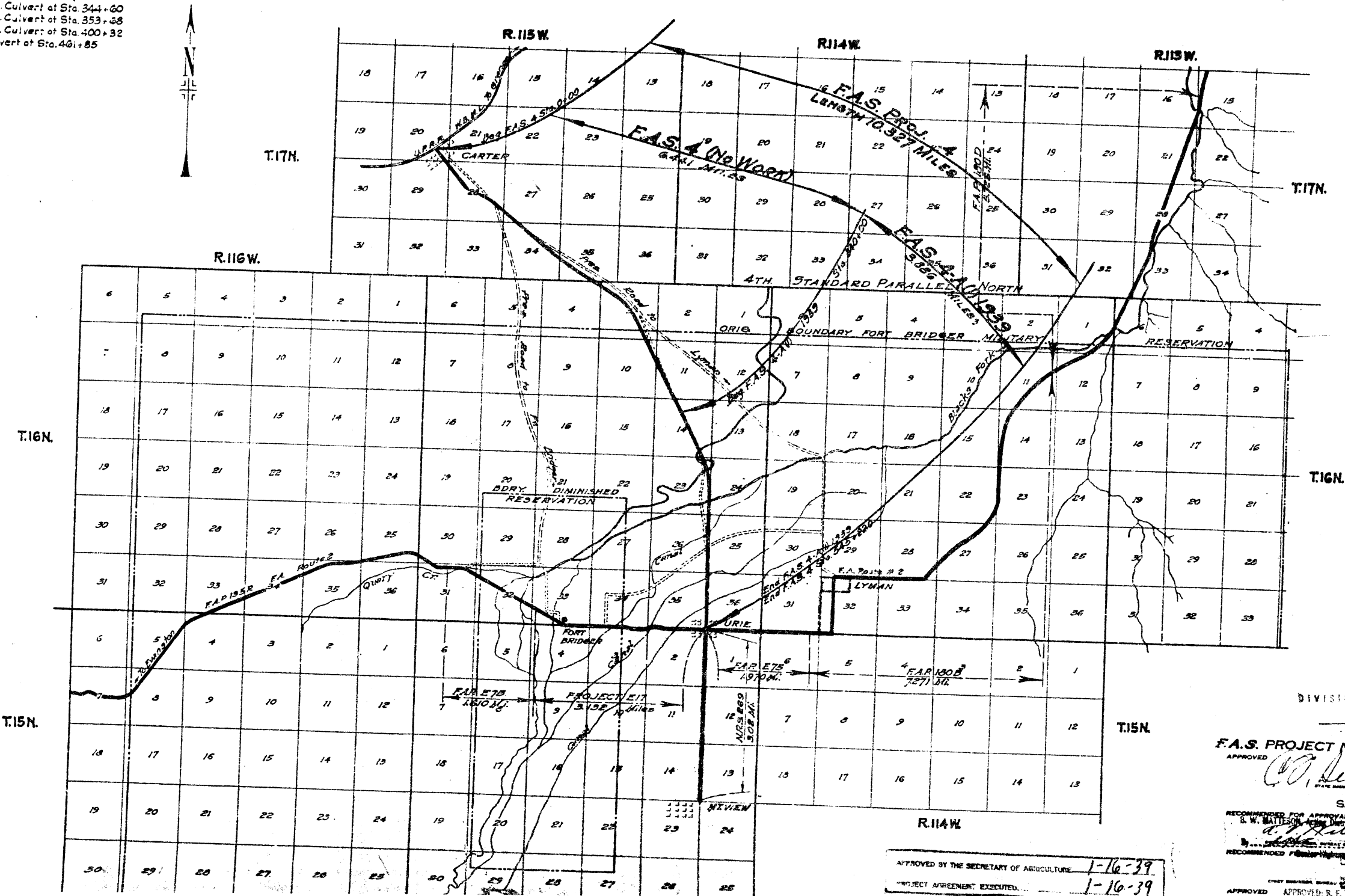
INDEX OF STRUCTURE SHEETS F.A.S. 4-A(1)1939

- | SHEET NO. | DRWNG. NO. | STRUCTURE |
|-----------|------------|---|
| 1-6 | 1084 | 1-45' I-Beam Span 23' skew Lt. & 2-I-Beam Appr. Spans 40' on E. Roadway at Sta. 419+68.92 |
| 7 | 1085 | 8'-0" x 5'-0" x 26'-0" R.C. Culvert; 20' Lt. Skew at Sta. 499+35 |
| 8 | 1086 | 10'-0" x 5'-0" x 37'-0" R.C. Culvert at Sta. 519+67 |
| 9 | S-290 | Std. Dbl. 6'-0" x 4'-0" x 35'-0" R.C. Culvert at Sta. 344+60 |
| | S-290 | Std. Dbl. 6'-0" x 4'-0" x 35'-0" R.C. Culvert at Sta. 353+68 |
| | S-290 | Std. Dbl. 6'-0" x 4'-0" x 35'-0" R.C. Culvert at Sta. 400+32 |
| 10 | S-158 | Std. 6'-0" x 3'-0" x 32'-0" R.C. Culvert at Sta. 461+85 |

SECTION	LENGTH IN FEET	PER ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SECTION	SHEET NO.	TOTAL SHEETS
	3898	3886	WYO.	F.A.S. 4-A(1)1939		1	70

SCALES PLAN, 1 IN. = 200 FT.
 PROFILE, HOR. 1 IN. = 200 FT.; VER. 1 IN. = 20 FT.
 LAYOUT, 1 IN. = 1 MILE

NOTE: SPECIFICATIONS FOR IMPROVEMENTS PROPOSED IN THE FOLLOWING PLANS NOW ON FILE IN BUREAU OF PUBLIC ROADS



NOTED
DIVISION OF DESIGN

F.A.S. PROJECT NO. 4-A(1)1939

APPROVED *C. J. Sigurd*
STATE ENGINEER

September 1 1938

RECOMMENDED FOR APPROVAL
E. W. BAILEY, Acting District Engineer
SEP 13 1938

RECOMMENDED FOR APPROVAL
R. E. TAYLOR, District Engineer

APPROVED *R. E. Taylor*
STATE ENGINEER

APPROVED BY THE SECRETARY OF AGRICULTURE 1-16-39
 PROJECT AGREEMENT EXECUTED 1-16-39

INDEX OF SHEETS
WYO. PROJECT NO. F-180(5)

- SHEET NO.
- 1 Title Sheet
 - 2A(2) Typical Roadway Section
 - 2B Standard Miscellaneous Structures (Sheet 2 of 3)
 - 2C Signs for Use on Construction
 - 2J Standard Flared End Sections for Pipe Culverts
 - 2-7 Alignment Sheets
 - 8-10 Summary Sheets
 - 11-26 Cross Sections
 - 27-28 Pipe Sections

INDEX OF SHEETS
PROJECT NO.

SHEET NO.

INDEX OF STRUCTURE SHEETS

SHEET NO. DRWNG NO. STRUCTURE

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE PROPOSED
STATE HIGHWAY

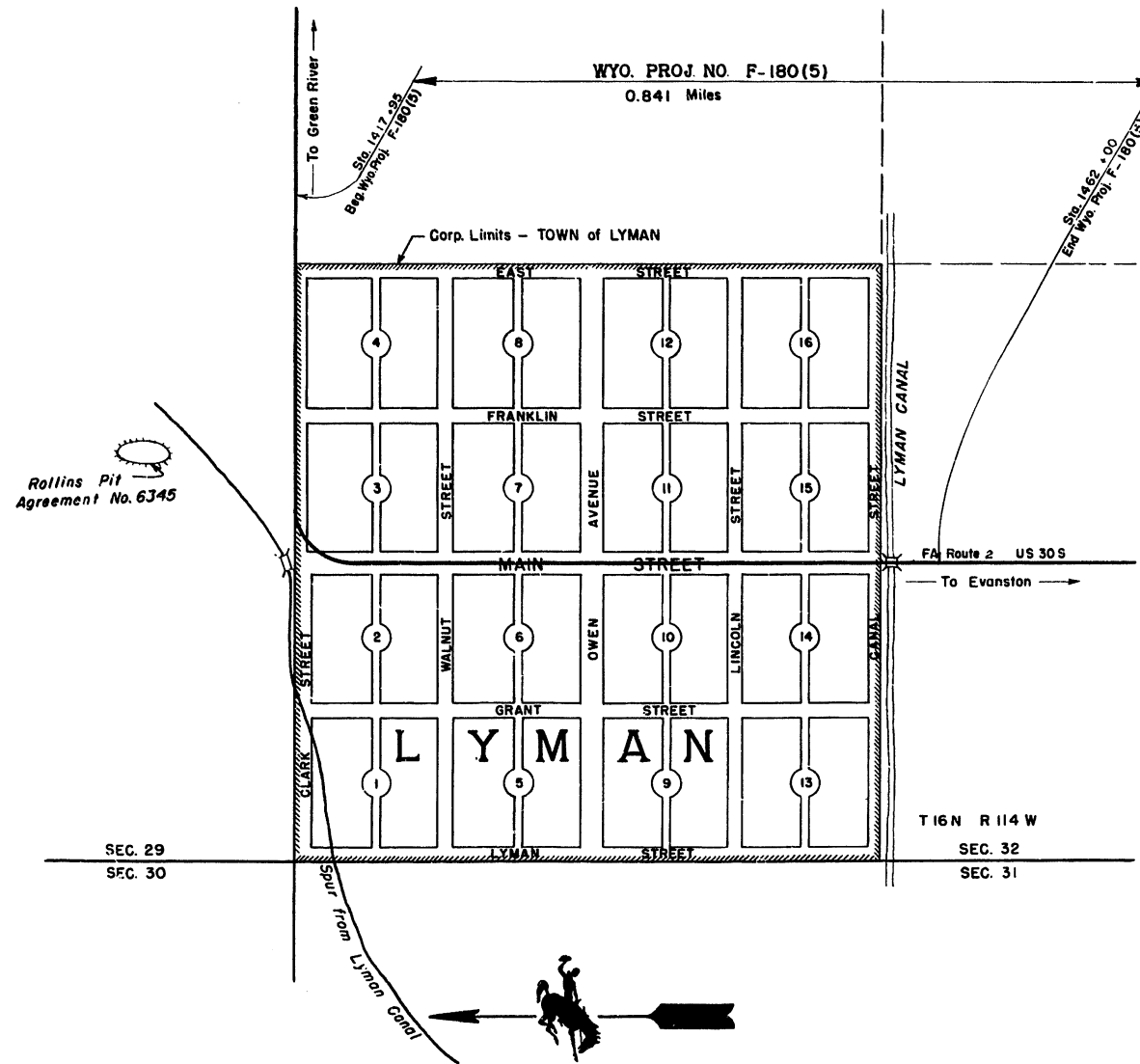
FEDERAL AID PROJECT

LYMAN STREETS
UINTA COUNTY

LENGTH IN MILES		FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SECTION	SHEET NO.	TOTAL SHEETS
GROSS	NET						
0.841	0.841	9	Wyo.	F-180(5)		1	28
			Wyo.				

SCALES PLAN, 1 IN. = 25 FT.
PROFILE, HOR. 1 IN. = 25 FT.; VER., 1 IN. = 5 FT.
LAYOUT, 1 IN. = 400 FEET

NOTE: SPECIFICATIONS FOR IMPROVEMENTS PROPOSED IN THE FOLLOWING PLANS NOW ON FILE WITH PUBLIC ROADS ADMINISTRATION



LYMAN STREET	STREET	
	Annual Average	Traffic
Estimated	1948	1968
Passenger	1270	2794
Truck	550	1210
TOTAL	1820	4004

WYO. PROJECT NO. F-180(5)

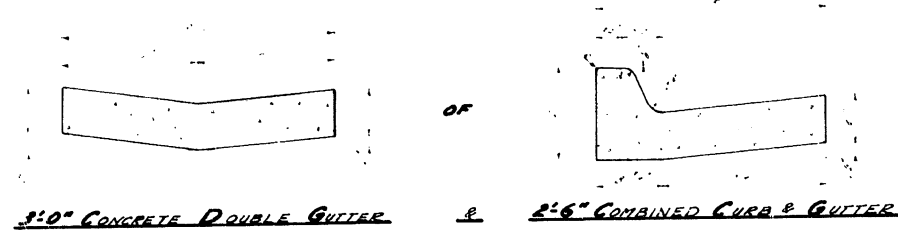
APPROVED
J. R. Bamley
STATE HIGHWAY SUPERINTENDENT
Dec. 16 1948
RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

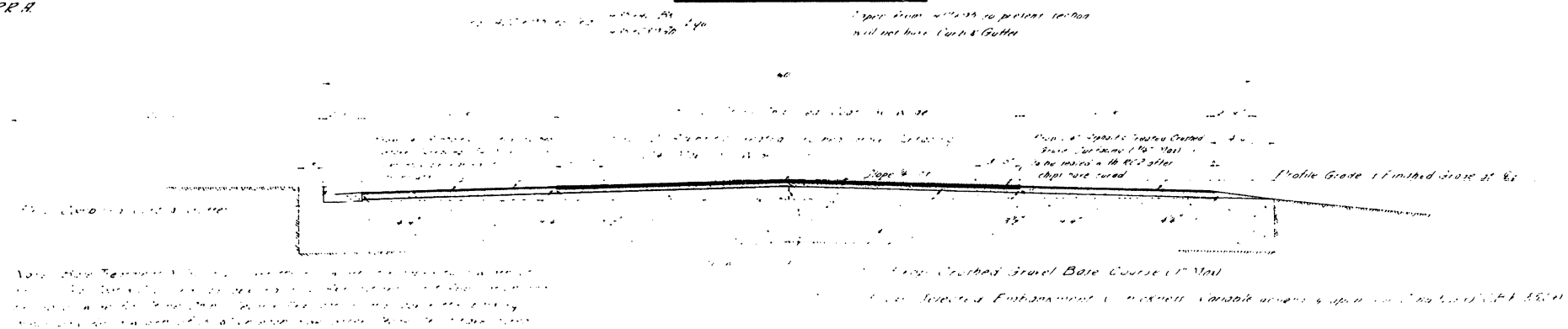
DIVISION ENGINEER PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

TYPICAL SECTION

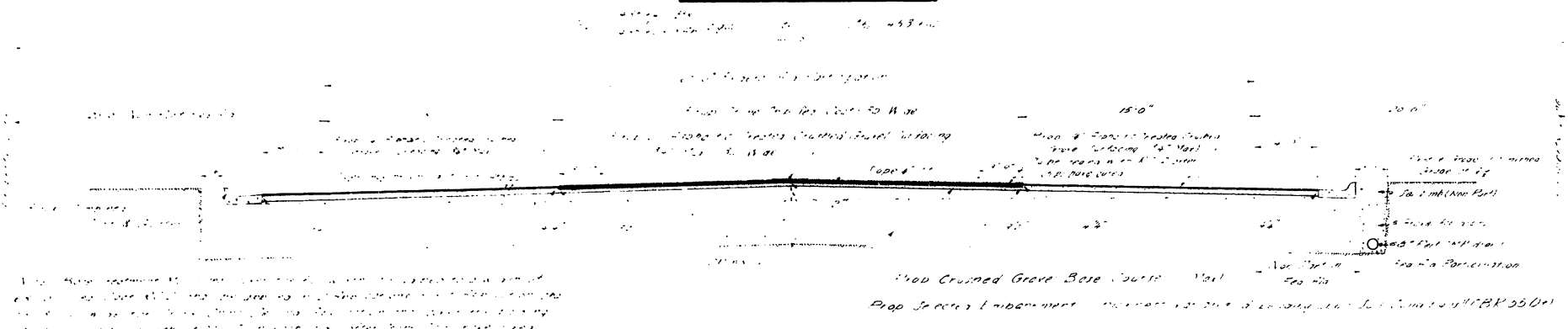


NOTE: AFTER SELECTED EMBANKMENT HAS BEEN PLACED THE TOWN OF LYMAN SHALL CONSTRUCT ALL COMBINED CURB & GUTTER AND DOUBLE GUTTER AT NO COST TO THE STATE OR P.P.R.

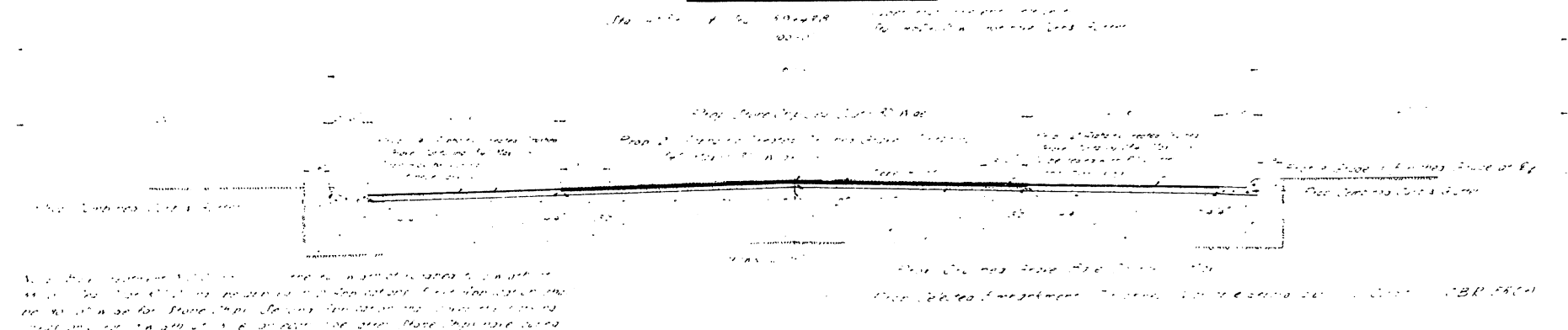
TYPICAL SECTION No. 1



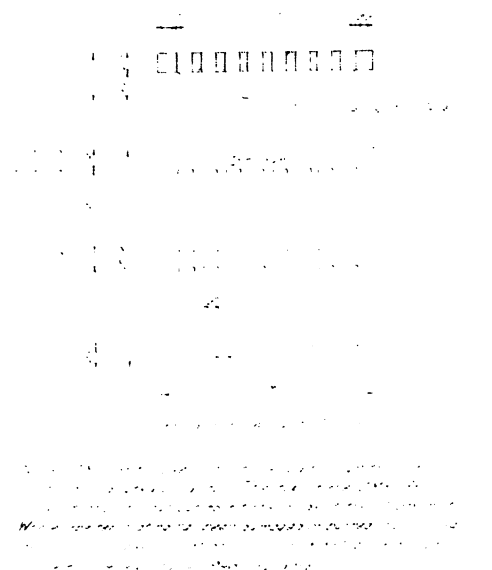
TYPICAL SECTION No. 2



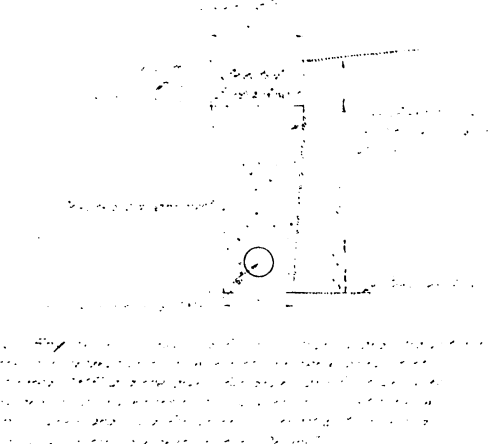
TYPICAL SECTION No. 3



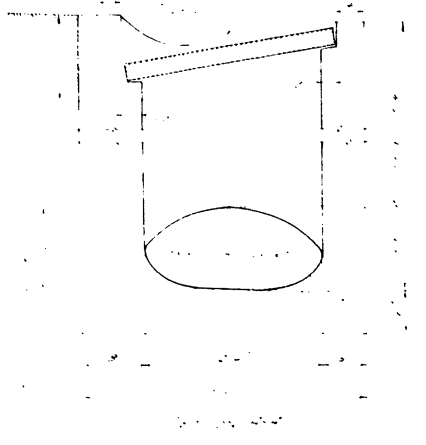
GATE INLET DETAIL



GRAVEL FOR DRAIN DETAIL



DROP INLET DETAIL



WEIGHT OF MATERIALS

Table with columns for material type, unit weight, and volume. Includes items like 'Gravel', 'Sand', 'Concrete', and 'Asphalt'.

SURFCING

Text describing surfacing requirements, including material specifications and construction methods for the road surface.

GENERAL NOTES

Text providing general instructions and notes for the construction project, including references to other drawings and specifications.

INDEX OF SHEETS

SHEET NO.	PLANS
1	TITLE SHEET
S1	TYPICAL SECTION SHEET
S2-S5	SUMMARY SHEETS
2-6	PLAN & PROFILE SHEETS
7-8	DETAIL PLAN SHEETS
9	PIV LAYOUT PLAN SHEET
SHEET NO.	DWG. NO. STRUCTURES
B1-B2	3801 R/C BOX CULVERT
B3-B9	3987 BRIDGE
SHEET NO.	STANDARD PLAN SHEETS
AA--7	TWO LANE ROADWAY GRADING SECTIONS
ABA-6	BASE SUPPORT MATERIAL THICKNESS TRANSITION PROCEDURE
BA--7	CONSTRUCTION SIGNS AND BARRICADES
BB--5	CONSTRUCTION SIGNING
BBA-1	TRANSITION AND DETOUR SIGN PLACEMENT
BBB-1	CONSTRUCTION AREA SIGN PLACEMENT
BC--6	FEDERAL AID HIGHWAY CONSTRUCTION IDENTIFICATION SIGNS
CA-10	WIRE FENCE USING WOODEN POSTS
CAD-1	WIRE FENCE INSTALLATIONS
DA-11	METAL PLATE GUARD FENCE
DB--6	DELIMITATORS
DC--5	RIGHT-OF-WAY AND PROJECT MARKERS
EA--4	CONDUIT BEDDING AND MULTIPLE CONDUIT INSTALLATION
EBA-2	REINFORCED CONCRETE ARCH CONDUIT AND ARCH FLARED END SECTIONS
EBB-2	REINFORCED CONCRETE ELLIPTICAL CONDUIT AND ELLIPTICAL FLARED END SECTIONS
EBC-2	REINFORCED CONCRETE STOCKPASS CONDUIT AND STOCKPASS FLARED END SECTIONS
EBA-4	CORRUGATED METAL CONDUIT CURB DRAINS
FA--1	GROUTED RIPRAP CHECKS AND DROPS ALSO GROUTED RUBBLE SPILLWAY
FB--1	WIRE ENCLOSED RIPRAP
GA--5	ASPHALTIC CURB AND SPILLWAY ALSO CONCRETE CURB AND GUTTER
JA--4	APPROACHES AND MAILBOX TURNOUTS
LA--4	MARKERS FOR CURB AND BRIDGE ENDS
43	TOTAL SHEETS
SHEET NO.	CROSS SECTIONS
1-43	CROSS SECTION SHEETS
1-7	CULVERT SECTIONS

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT

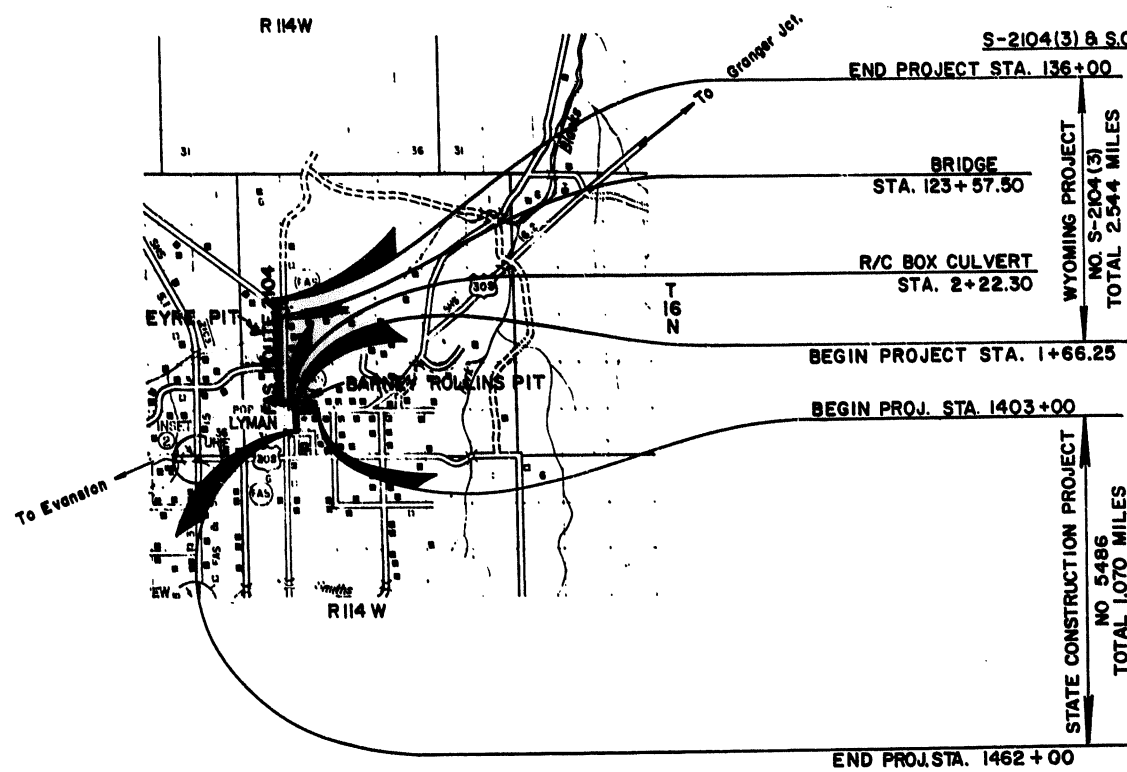
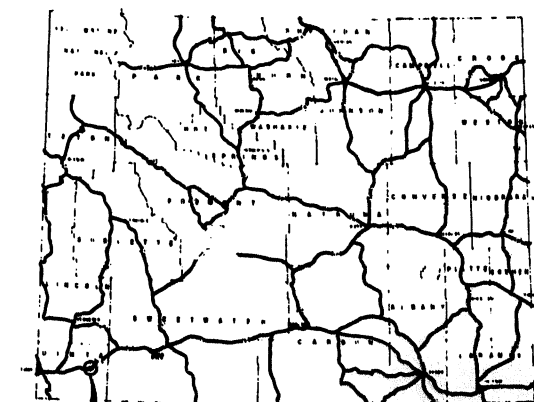
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT

LYMAN NORTH
AND
LYMAN STREETS
UINTA COUNTY

LENGTH IN MILES		FED. ROAD	FEDERAL AID PROJECT NUMBER	SHEET	TOTAL
GROSS	NET	DIST. NO.		NO.	SHEETS
2.544		9	S-2104(3) &	1	45
1.070			SCP 5486		
3.614			Combined		

NOTE: SPECIFICATIONS FOR IMPROVEMENTS PROPOSED IN THE FOLLOWING PLANS ARE NOW ON FILE IN THE BUREAU OF PUBLIC ROADS.

DATE PRINTED June 11, 1964



— LEGEND —

	PROPOSED HIGHWAY R/W LINE
	EXISTING HIGHWAY R/W LINE
	RAILROAD R/W LINE
	NO ACCESS LINE
	ACCESS CONTROL LINE
	EXISTING BARBED WIRE FENCE
	PROPOSED BARBED WIRE FENCE
	EXISTING WOVEN WIRE FENCE
	PROPOSED WOVEN WIRE FENCE
	EXISTING INDUSTRIAL FENCE
	PROPOSED INDUSTRIAL FENCE
	COUNTY LINE
	SECTION LINE
	QUARTER SECTION LINE
	SIXTEENTH SECTION LINE
	TOWNSHIP OR RANGE LINE
	CITY LIMITS
	PROPERTY LINE
	RAILROAD
	TELEPHONE LINE (OVERHEAD)
	TELEPHONE LINE (UNDERGROUND)
	POWER LINE (OVERHEAD)
	POWER LINE (UNDERGROUND)
	WATER LINE
	SEWER LINE (STORM)
	SEWER LINE (SANITARY)
	PIPE LINE (GAS OR OIL)
	PRESENT ROAD
	DETOUR
	RIVER
	CHANNEL CHANGE
	TREES (DECIDUOUS)
	TREES (CONIFER)
	CULVERT
	BRIDGE OR BOX CULVERT
	DITCH
	DITCH CHANGE



APPROVED:
J. R. Barmley
 STATE HIGHWAY SUPERINTENDENT 6-3-64
 DATE

DEPARTMENT OF COMMERCE
 BUREAU OF PUBLIC ROADS

APPROVED:
 DIVISION ENGINEER DATE

DESIGNED BY PAUL SAHLER'S SQUAD

TYPICAL SECTION

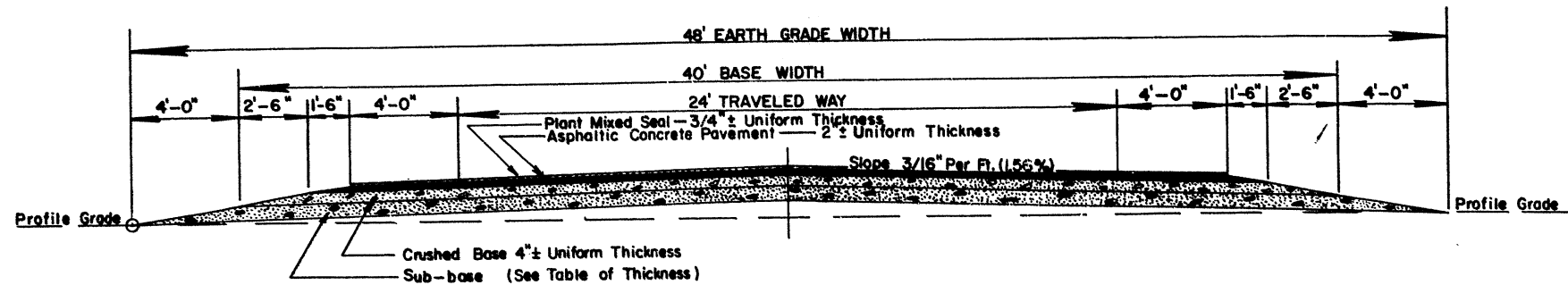


TABLE OF SUB-BASE THICKNESS

STATION-STATION	THICKNESS
1+66.25 - 34+00	6"
34+00 - 136+00	4"

SURFACING NOTES

Asphaltic Material NC-Prime shall be applied to the full top width of the Crushed Base plus 6" beyond the toes of the Asphaltic Concrete Pavement.
 Asphaltic Concrete Pavement shall be placed in one 2" lift unless otherwise directed by the Engr.
 Asphaltic Material-Tack shall be applied to the top of the Asphaltic Concrete Pavement and extending 6" beyond the edges of the Plant Mixed Seal.
 Plant Mixed Seal shall be placed in a 3/4" lift.

GENERAL NOTES

Design Speed Variable M.P.H.
 Maximum Curvature 53°00'
 Superelevation Variable Ft. per Ft. per degree.
 Minimum Vertical Stopping Sight Distance 250 feet.
 Width of Right of Way Variable Ft. except where otherwise noted.
 1982 Design Hourly Volume 62.
 1982 Average Daily Traffic 390.

Plan & Profile are subject to adjustment on construction.

Right of Way fence shall be built before any other construction work is started at all locations where Engineer so directs. When the erection of the fence will interfere with structure construction or other construction features, a temporary cross fence shall be placed. Quantities involved in constructing any temporary fence will not be paid for directly but considered subsidiary to other pay items.

All utilities interfering with construction, unless otherwise definitely shown on Plans to be included as contract items, shall be moved by the owners. Payment shall be subject to agreement or at no cost to the State or R.P.E.

The lengths of pipe are to be checked in the field by the Engineer before being ordered by the Contractor. Reinforced Concrete Elliptical Conduit of equivalent size may be used in lieu of Reinforced Concrete Arch Conduit and vice versa.

Road approaches and ditches shall be constructed at all locations shown on the Plans or where directed by the Engineer.

The method of measurement and basis of payment for haul and surfacing material without admixture is based on a dry weight plus any natural moisture. The spreads shown in the haul diagram for the above material are computed on a dry weight. An amount is added to the total for natural moisture contained in the material. Water added to the above material before measurement is made will be deducted in computing pay quantities of material and haul. Material is to be placed by tons per lineal foot. The spreads as shown in the haul diagram are subject to adjustment for moisture or other factors by the Engineer to provide the required thickness.

The thicknesses of materials as shown on the Typical Section are approximate compacted thicknesses.

One (1) Construction Identification Sign will be required on this project located as follows:
 One near Beginning of Project approximately Station 2+00 R.

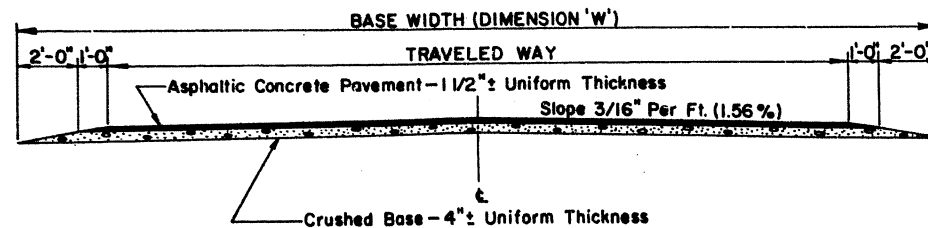
Concrete erosion control devices shall be constructed of Class C Concrete in accordance with the Plans and Specifications or as directed by the Engineer. Concrete erosion control pavement shall not be less than four (4) inches thick and concrete erosion control ditch checks shall fill the entire excavated trench to the depth and width shown on the Standard Plans for Grouted Riprap Checks and to the length directed by the Engineer. An additional amount will be allowed for transportation, unexpended and percentage of completion of structure for these items shall be considered as subsidiary to the Standard unit prices for "Class C Concrete".

Minimum and Spacing Control will be used on this project except that density requirements will not apply to portions of substructure constructed which cannot be tested in accordance with A.A.S.H.O. T-99, Method C.

APPROACHES

Station	Ft. Width
2+75 Lc.	24
3+00 Rc.	30
2+150 Lc.	24
2+150 Rc.	24
2+150 Lc.	24
2+150 Rc.	24
45+25 Lc.	24
45+25 Rc.	24
54+20 Lc.	30
54+20 Rc.	30
67+30 Lc.	24
67+30 Rc.	24
79+00 Lc.	24
79+00 Rc.	24
83+00 Lc.	24
83+00 Rc.	24
92+80 Lc.	24
92+80 Rc.	24
106+00 Lc.	24
106+00 Rc.	24
113+30 Rc.	30
120+00 Lc.	24
120+00 Rc.	24
126+00 Lc.	24
126+00 Rc.	24
136+10 Lc.	24
136+10 Rc.	30
136+00 Lc.	30
136+00 Rc.	30

APPROACHES



Minor approaches (24' base width) are to be paved to the end of the turning radii only; major approaches (30' base width) are to be paved to right-of-way.

Fed. Road Div. No.	State of Wyoming	Proj. No.	Sheet No.	Total Sheets
5		S-2104(3)	9	9

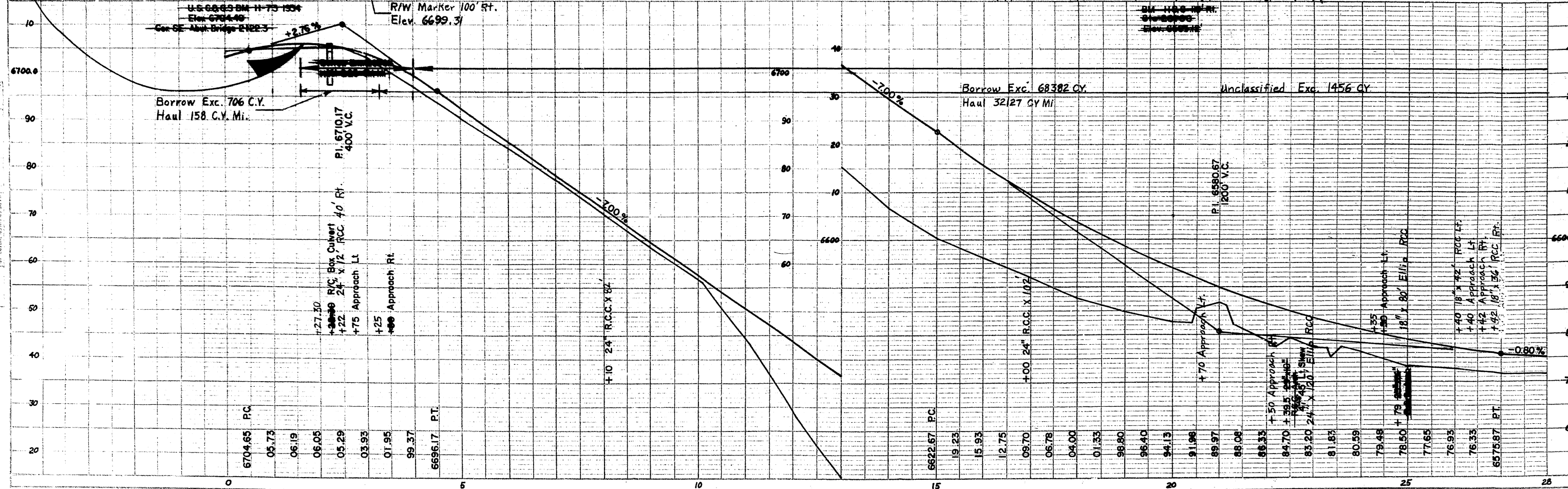
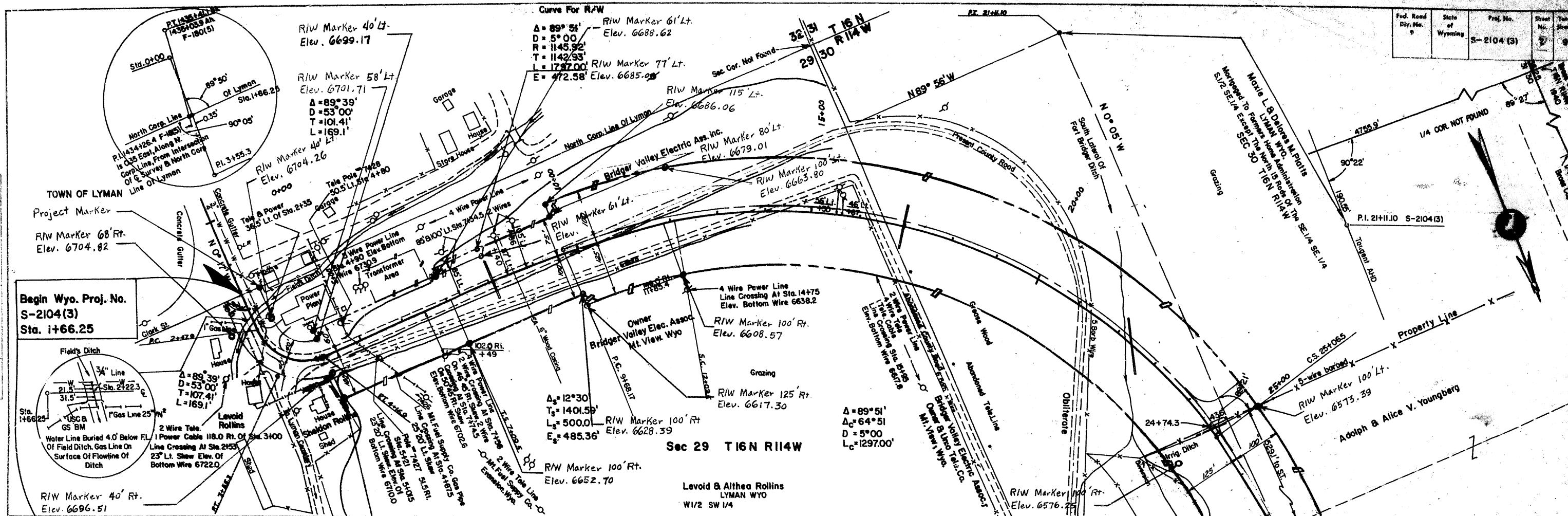
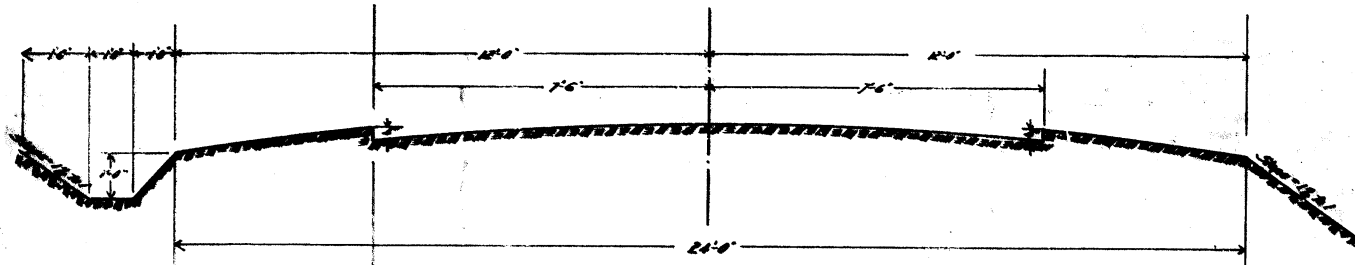
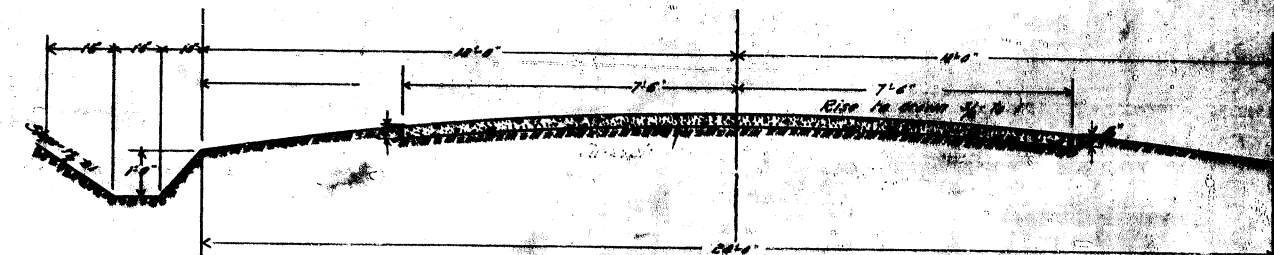


PLATE 1-PLAN-PROFILE D.P.R. & R.E. STANDARD
 1977 BAR PAPER - MADE AND PRINTED IN U.S.A.
 CURVE DISTANCE 10'

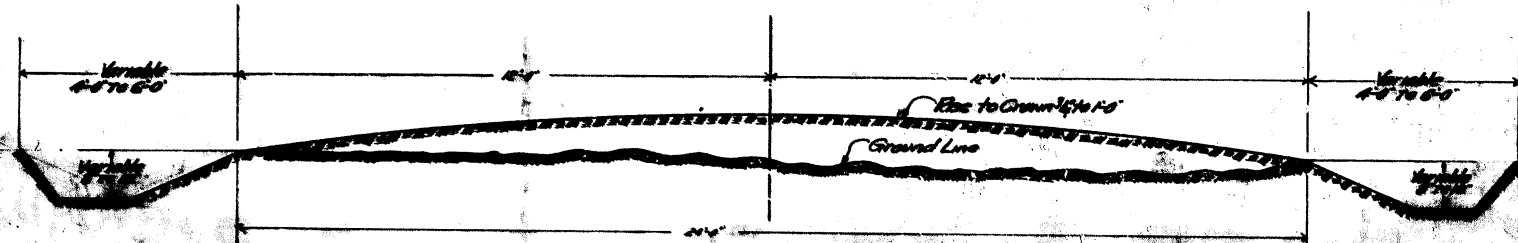
PLAN, COUNTY



SUBGRADE - SECTION OF ROAD CUTS & FILLS



SECTION OF SURFACED ROAD CUTS & FILLS
STAS 10 TO 90, 131 TO 147, AND WHERE MATERIAL FROM BORROW PITS IS UNSUITABLE ROAD SURFACE



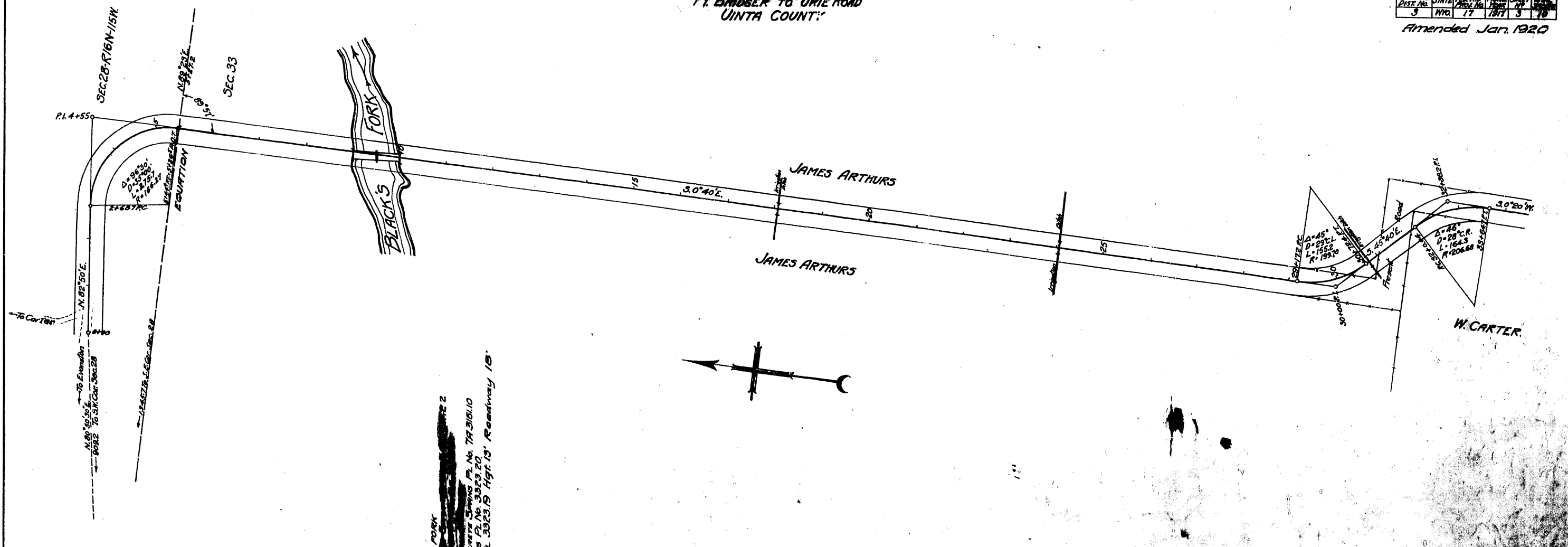
SECTION OF ROAD - MACHINE WORK
STR. 162+00 TO 203+74 (70.15)



STATE OF WYOMING
STATE HIGHWAY DEPARTMENT
FT. BRIDGER TO URIE ROAD
UINTA COUNTY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	DATE	BY
3	WYO.	17	1917	S. J. B.

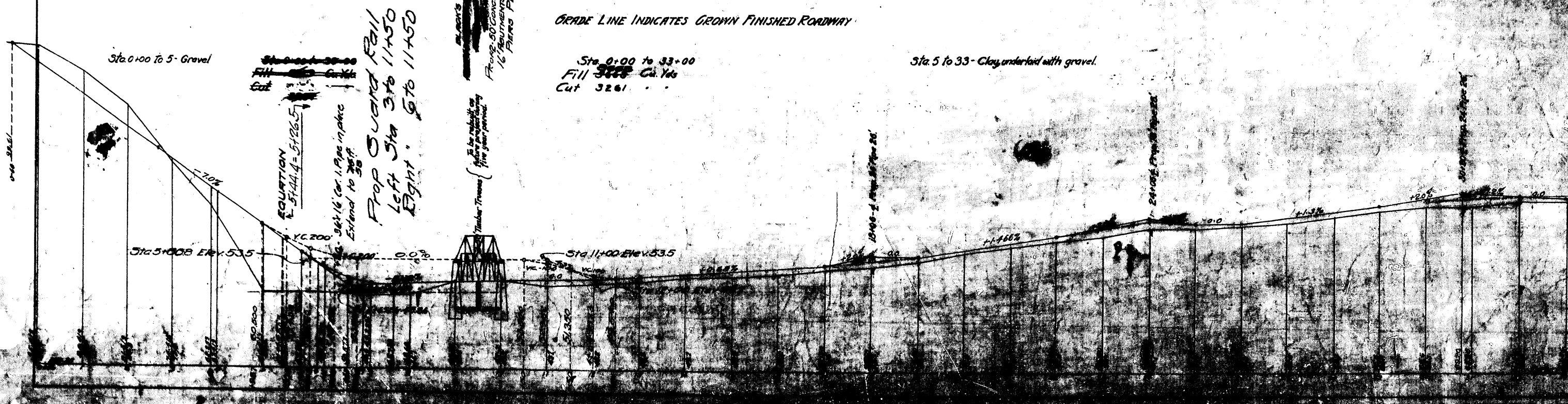
Amended Jan. 1920



GRADE LINE INDICATES GROUND FINISHED ROADWAY

Sta. 0+00 to 33+00
Fill 3268 Cu. Yds
Cut 3261

Sta. 5 to 33 - Clay underlain with gravel.



BLACK'S FORK
From 50' Concrete Spans P.L. No. 79.315.10
IC. ABUTMENTS P.L. No. 3323.20
PIERS P.L. 3323.19 Hgt. 13' Roadway 15'

Equation
E. 5144.4 = 5126.5

Prop. Guard Rail
Left Sta 376 11+50
Right Sta 676 11+50

Timber Trusses
To be rebuilt on
existing foundations
five years period.

36" x 16" Cor. 1 Pipe in place
Extend to 38'

YC 200

Sta. 5+008 Elev. 53.5

Sta. 11+00 Elev. 53.5

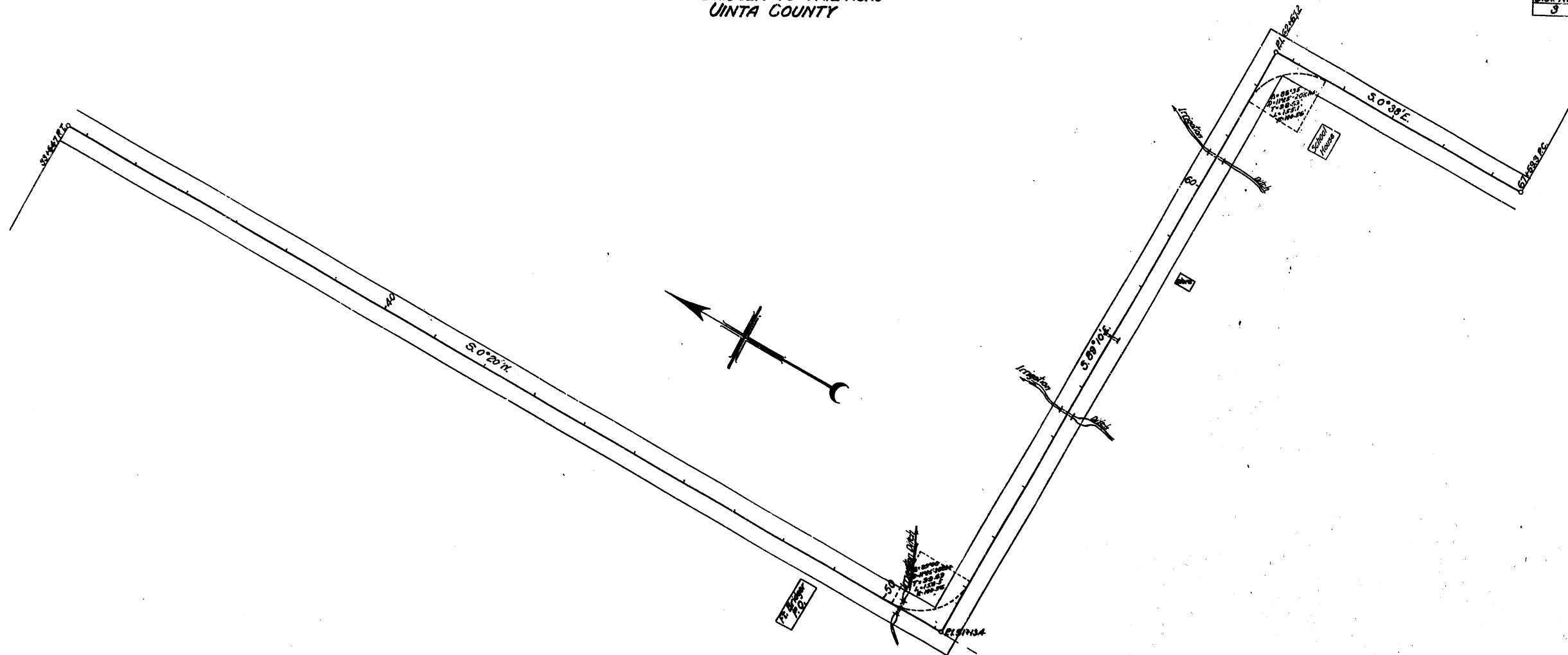
10+00 - 2' High. 20' Span 20'

24' High. 20' Span 20'

24' High. 20' Span 20'

STATE OF WYOMING
 STATE HIGHWAY DEPARTMENT
 FT. BRIDGER TO URIE ROAD
 UINTA COUNTY

FILE NO.	DATE	BY	FOR	BY	DATE
3	1974	17	1977	4	70



Topsoil, underlain with gravel.

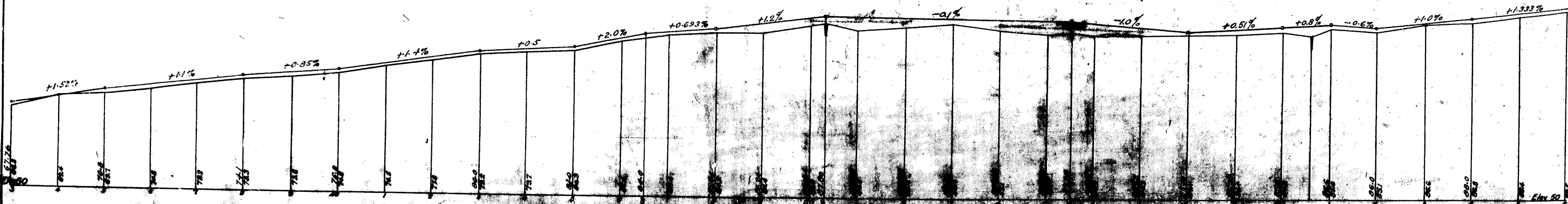
50x30 x Prop. 1/2 x Concrete Box
 1/2 x 1/2 x 1/2

Sta. 33 to 66.
 Fill 284% Cu. Yds.
 Cut 576

55 x 50 x Prop. 1/2 x Concrete Box
 1/2 x 1/2 x 1/2

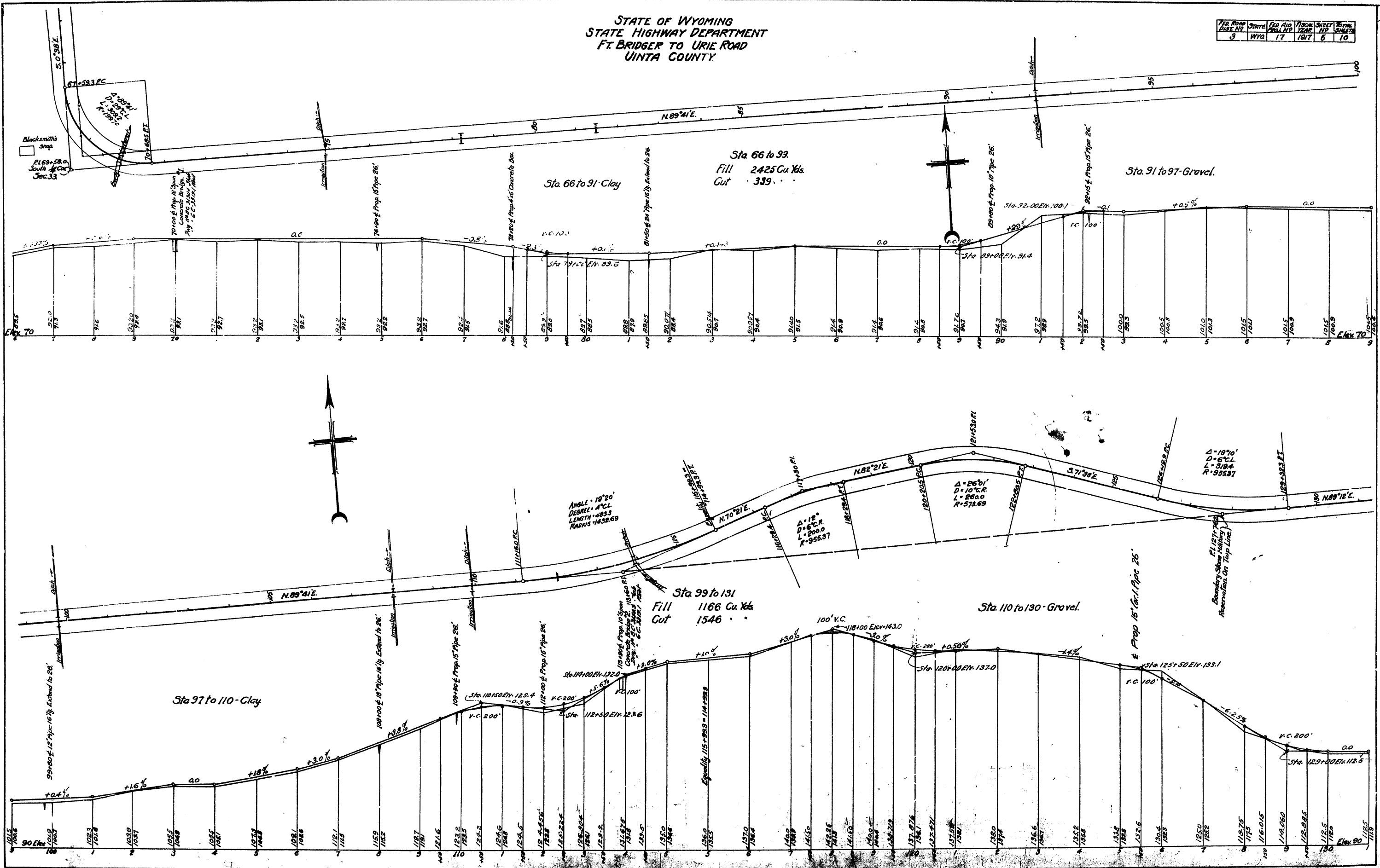
51x00 x Prop. 1/2 x 26'

60 x 60 x Prop. 1/2 x Concrete Box
 1/2 x 1/2 x 1/2



STATE OF WYOMING
STATE HIGHWAY DEPARTMENT
FT. BRIDGER TO URIE ROAD
UINTA COUNTY

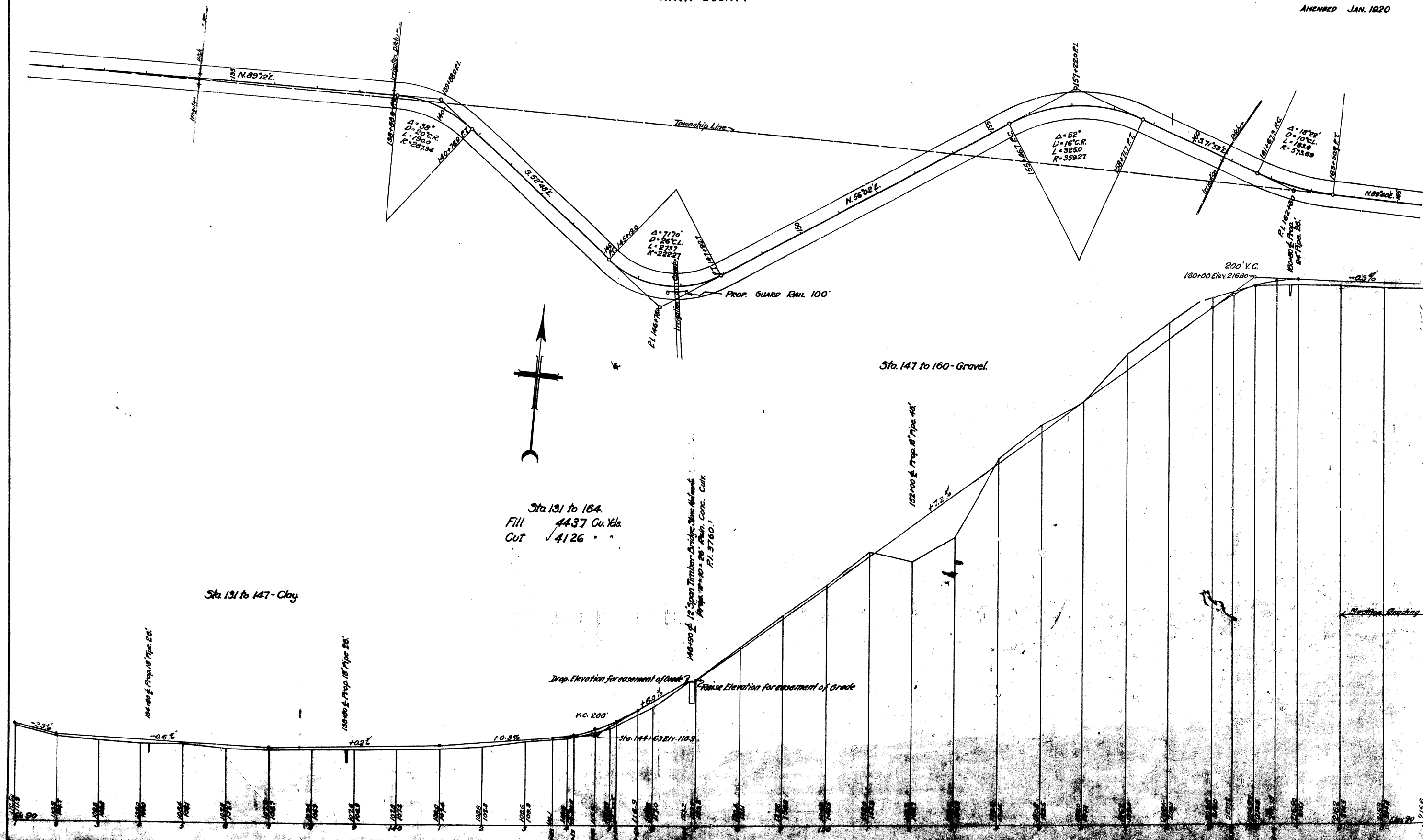
FED. ROAD DIST. NO.	STATE	FED. AID YEAR	LOCAL YEAR	SAFETY	TOTAL
3	WY	17	1917	5	10



STATE OF WYOMING
STATE HIGHWAY DEPARTMENT
FT. BRIDGER TO URIE ROAD
UINTA COUNTY

PER. NO.	DATE	BY	REVISION
3	WYO	17	1917 6 10

AMENDED JAN. 1920



Sta. 131 to 164.
Fill 4437 Cu. Yds.
Cut 4126 "

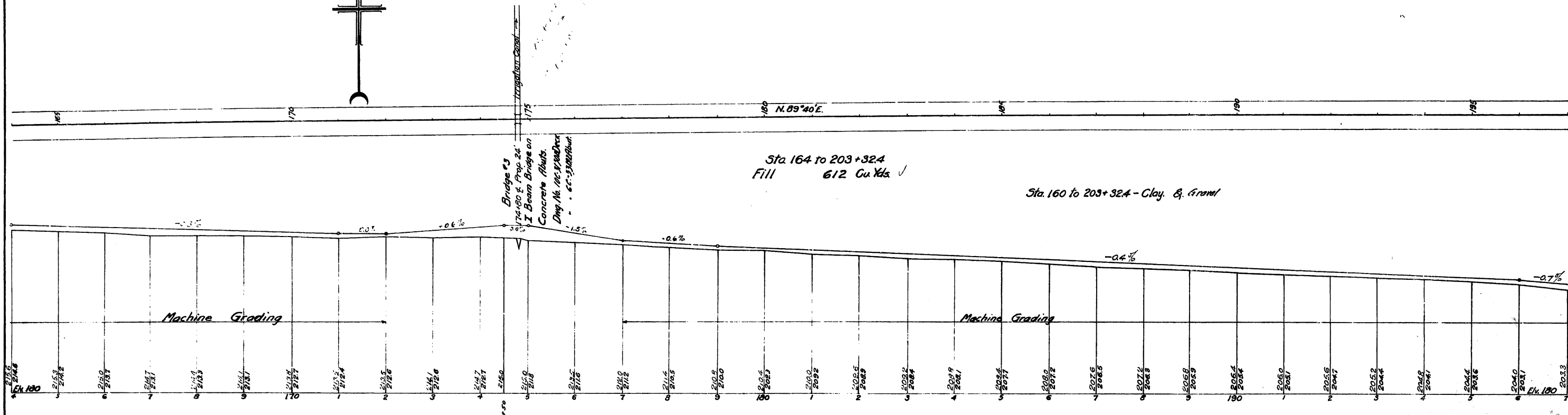
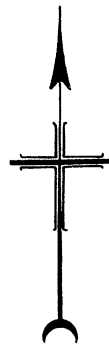
148+90 to 149+00
12 Span Timber Bridge
Prop. 12" x 12" x 10' x 26' Rein. Conc. Culi.
P.I. 3760.1

Drop Elevation for assessment of grade
Raise Elevation for assessment of grade

Medicine Blasting

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT
FT. BRIDGER TO URIE ROAD
UINTA COUNTY

Sta. Road Dist. No.	Dist. No.	Year	Scale	Sheet No.	Total Sheets
3	17	1917	1"	7	16



INDEX OF SHEETS

SHEET NO. 1	TITLE PAGE
" " 2	TYPICAL CROSS-SECTION OF ROADWAY
" " 3	PLAN AND PROFILE STA. 0+00 TO 64.
" " 4	CROSSSECTIONS

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT

GROSS LENGTH 2.489 MILES
NET LENGTH 2.489 MILES

NOTE—SPECIFICATIONS FOR IMPROVEMENTS PROPOSED IN THE FOLLOWING PLANS NOW ON FILE IN BUREAU OF PUBLIC ROADS

A.F.E. 659

Surfacing Section to be 4" thick by 18' wide

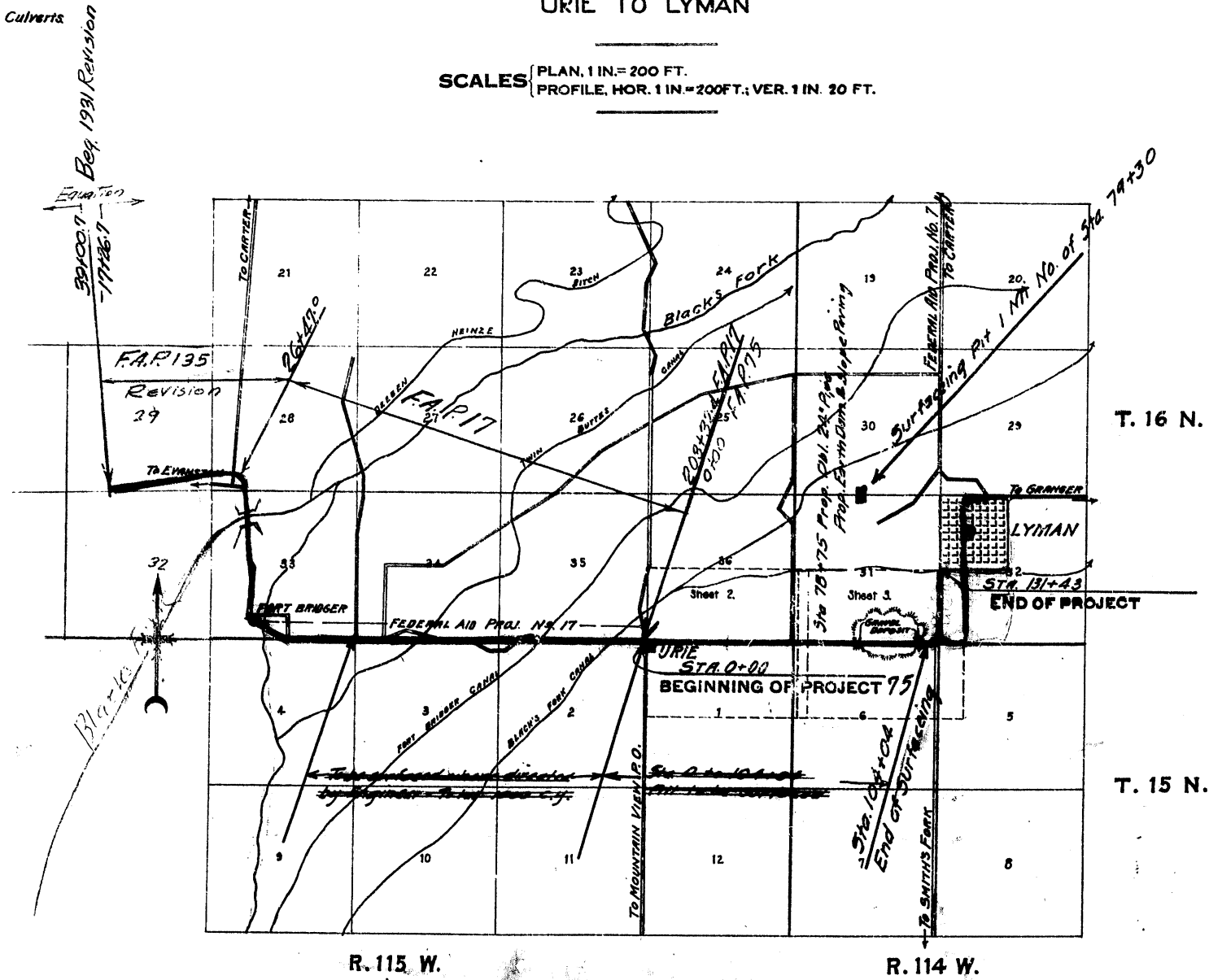
UINTA COUNTY
LINCOLN HIGHWAY
URIE TO LYMAN

STRUCTURE SHEETS

TO ACCOMPANY THIS FOLIO

SHEET NO.	DRAWING NO.	STRUCTURE
1	2C 3750.1	Concrete End Walls for Pipe Culverts
2	7A 3721.6	Standard Conc. Box Culvert

SCALES PLAN, 1 IN. = 200 FT.
PROFILE, HOR. 1 IN. = 200 FT.; VER. 1 IN. = 20 FT.



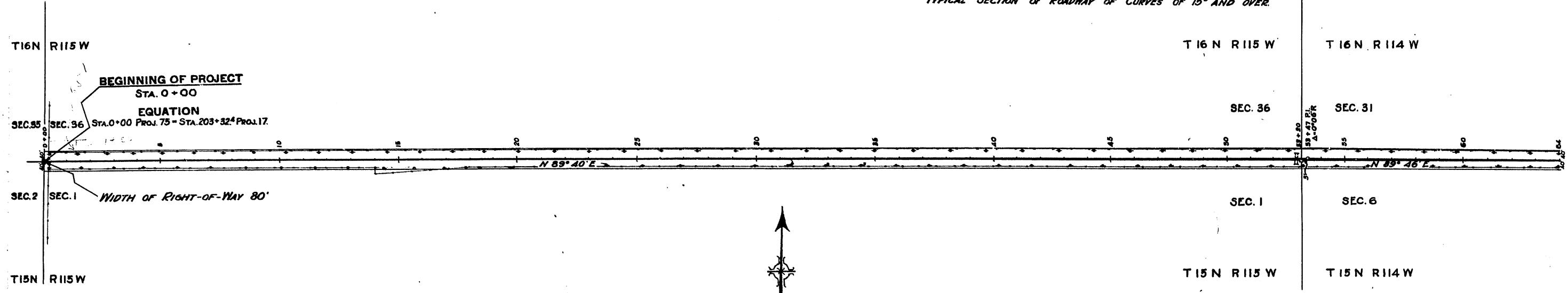
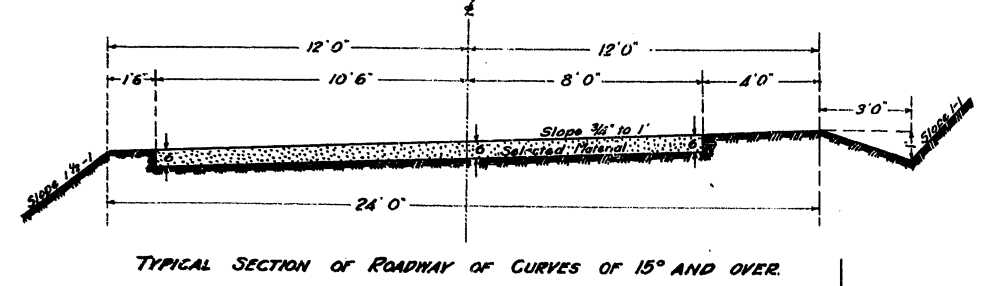
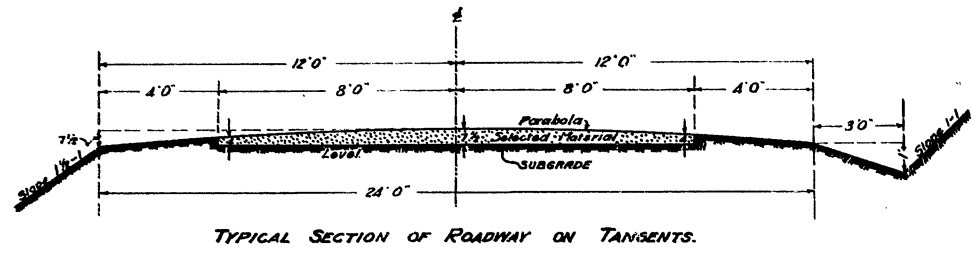
CONVENTIONAL SIGNS

TOWNSHIP LINE	RAILROAD
SECTION LINE	IRRIGATION DITCH
INTERSECTION LINE	CULVERT
FRONT LINE	BRIDGE
POLE LINE	TOWN
RIGHT OF WAY	POST OFFICE
SURVEY LINE	GRADE ELEVATION
TRAVELING WAY	

RECOMMENDED FOR APPROVAL 4-27-20
 STATE HIGHWAY ENGINEER
 APPROVED 4-29-20
 STATE ENGINEER
 RECOMMENDED FOR APPROVAL
 COUNTY ENGINEER
 APPROVED

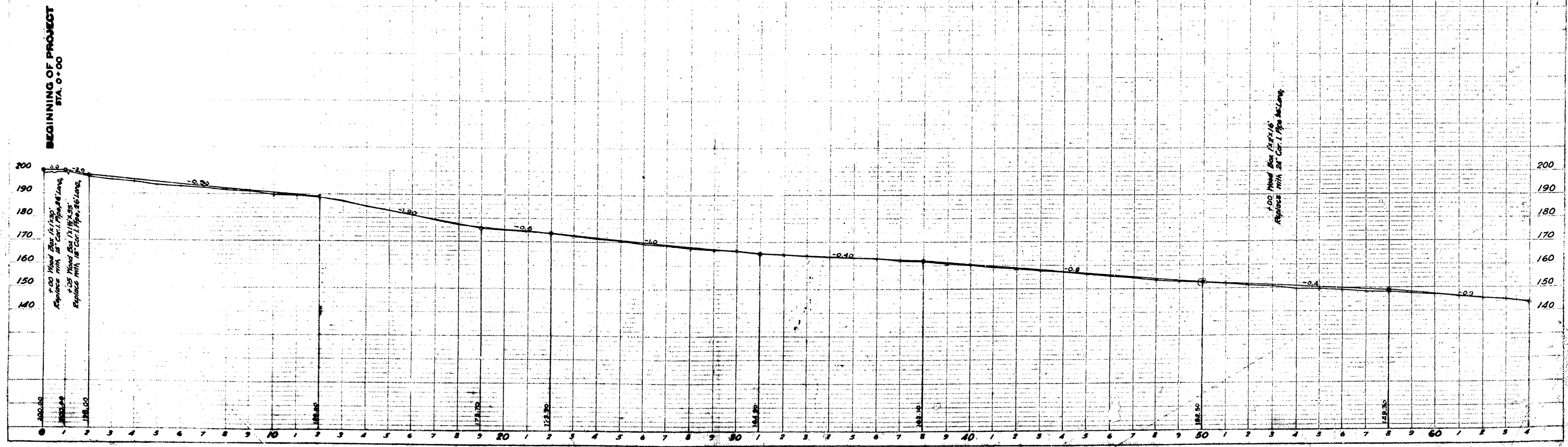
SCALE 1 INCH = 1 MILE

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	SHEET No.	TOTAL SHEETS
33	410	75	2	4



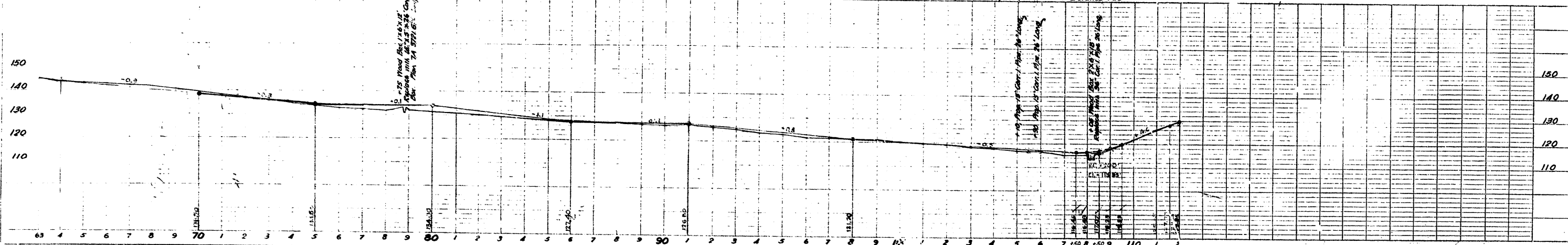
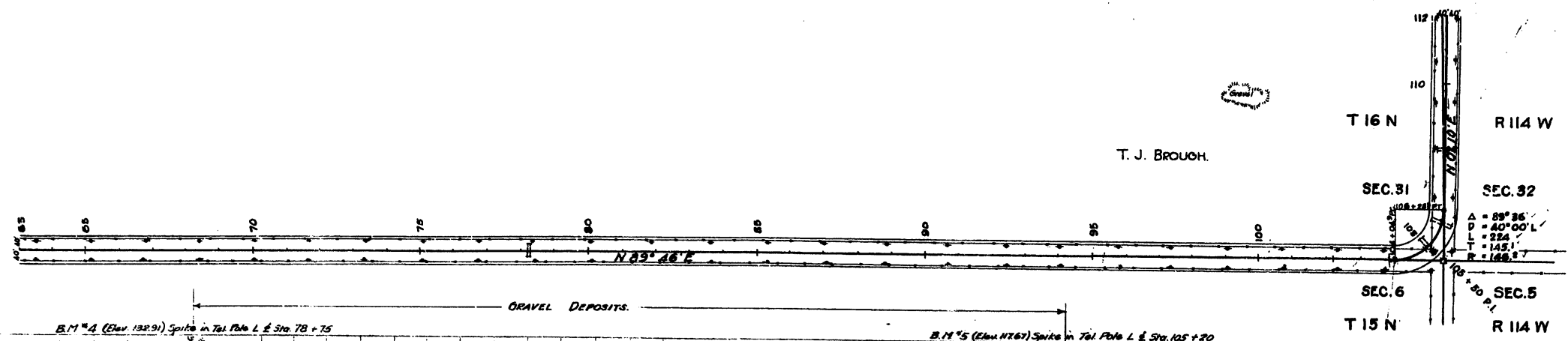
B.M. (Elev. 199.45) N.W. Ref. Pt. Sta. 203 + 34 (Proj. #17) Fence Cor. B.M. #1 (Elev. 174.68) Spike in Tel. Pole L & Sta. 21 + 50 B.M. #2 (Elev. 160.08) Spike in Tel. Pole L & Sta. 41 + 00 B.M. #3 (Elev. 151.08) Spike in Tel. Pole L & Sta. 53 + 47

Note: Grade Line Represents Elevations at Subgrade.



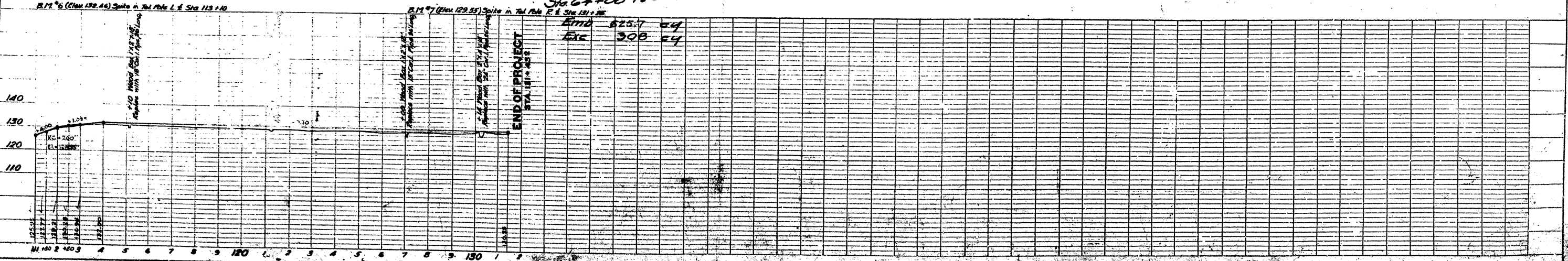
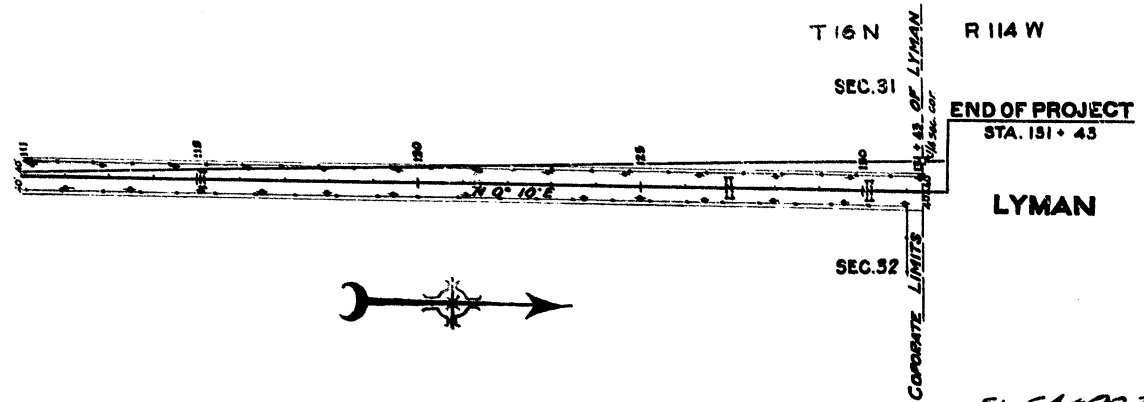
Exc 3671 CY
Exc 460 CY

FED. ROAD DIST. No.	S. ATE	FED. AID PROJ. No.	SHEET No.	TOTAL SHEETS
11	470	75	3	4



7-19-20
2-19-20
W.C.S.
C.B.S.

1880
2-20-20
2-24-20
2-20-20
L.T.C.
W.C.S.
W.C.S.
W.C.S.



Sta. 64+00 to Sta. 132+00
 Elev 525.7 24
 Elev 308 24

INDEX OF SHEETS
WYO. PROJECT NO. F-55 (4)

SHEET NO.	Title Sheet
1	Title Sheet
2 C	Signs for use on Construction
2 D	Std. & Extra Strength R.C. Pipe
2-4	Plan & Profile
5-7	Summary Sheets
8-12	Cross Sections

INDEX OF SHEETS
PROJECT NO.

SHEET NO.

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

EVANSTON
UINTA COUNTY

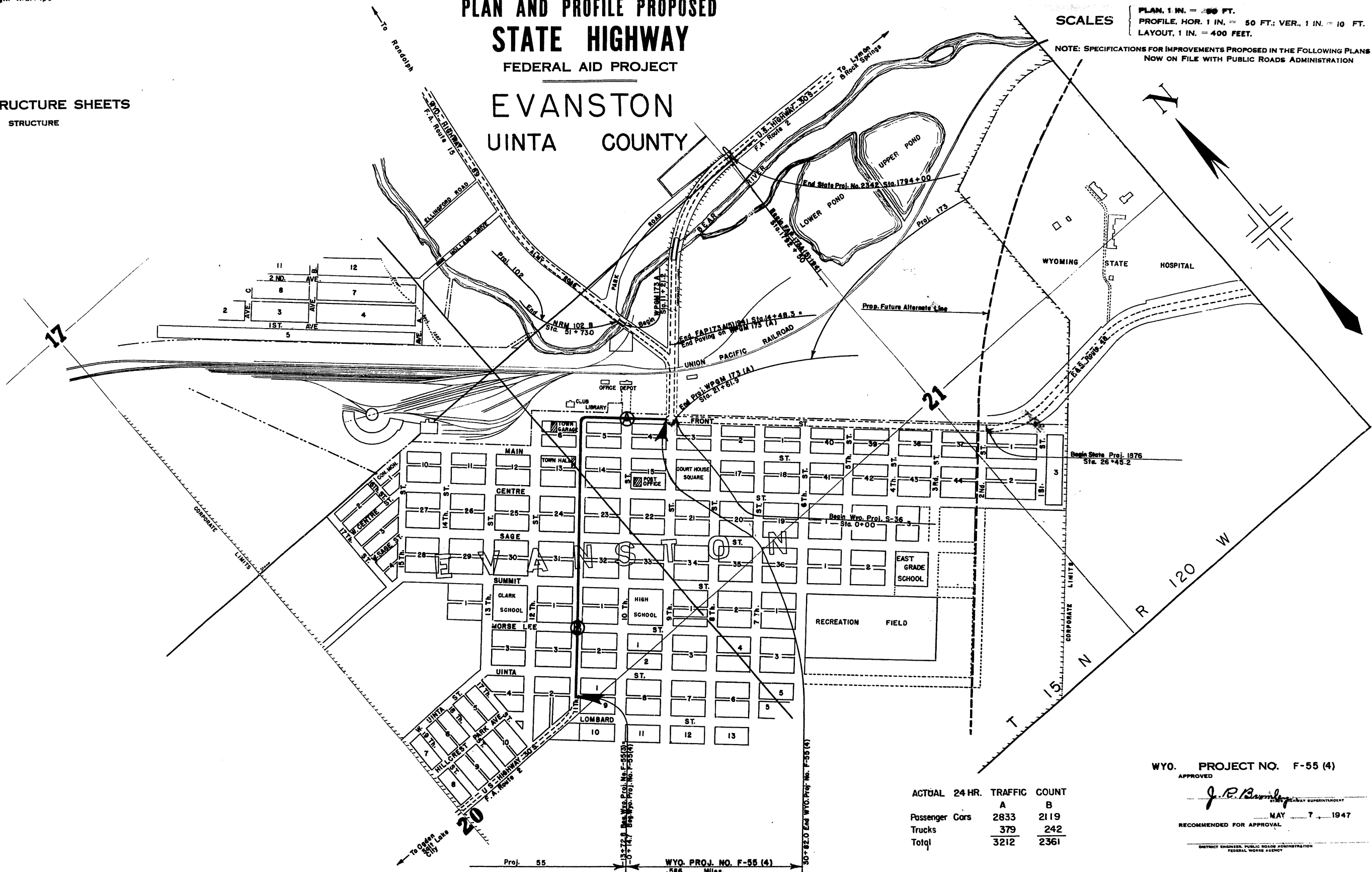
LENGTH IN MILES		FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	DRC/MSH	SHEET NO.	TOTAL SHEETS
GROSS	NET						
.586	.586	3	Wyo.	F-55(4)		1	12
		3	Wyo.				

SCALES
PLAN, 1 IN. = 50 FT.
PROFILE, HOR. 1 IN. = 50 FT.; VER., 1 IN. = 10 FT.
LAYOUT, 1 IN. = 400 FEET.

NOTE: SPECIFICATIONS FOR IMPROVEMENTS PROPOSED IN THE FOLLOWING PLANS NOW ON FILE WITH PUBLIC ROADS ADMINISTRATION

INDEX OF STRUCTURE SHEETS

SHEET NO. DRWG. NO. STRUCTURE



ACTUAL	24 HR.	TRAFFIC COUNT	
		A	B
Passenger Cars		2833	2119
Trucks		379	242
Total		3212	2361

WYO. PROJECT NO. F-55 (4)

APPROVED
J. P. B...
DISTRICT ENGINEER, PUBLIC ROADS ADMINISTRATION

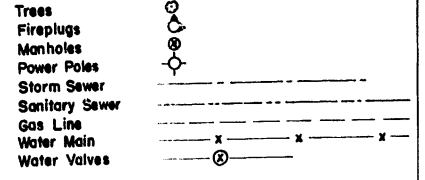
RECOMMENDED FOR APPROVAL
MAY 7, 1947

DISTRICT ENGINEER, PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED
DIVISION ENGINEER, PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

Proj. 55 WYO. PROJ. NO. F-55 (4) .586 Miles

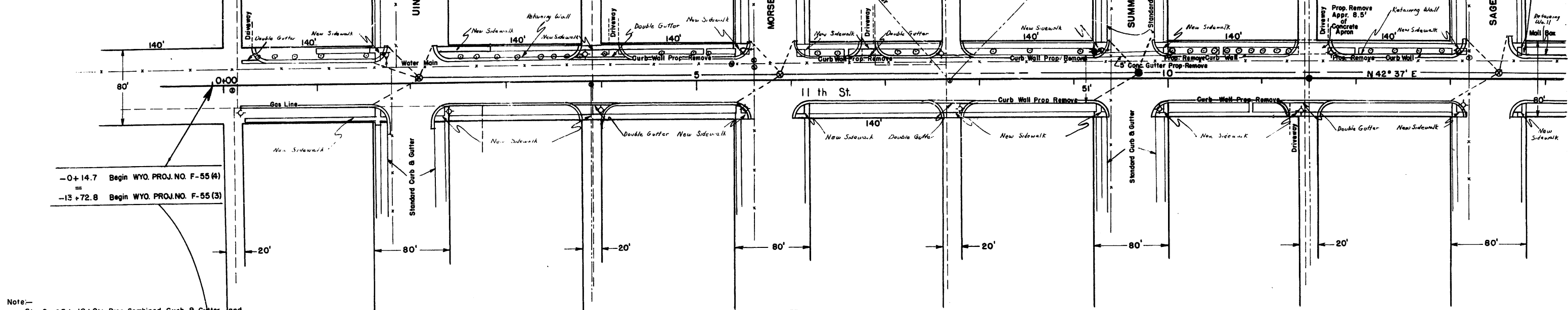
LEGEND



SCALE: 1" = 50'

Hugy F. Condon 5-31
H.R. Johnston 5-14-47

19304



-0+14.7 Begin WYO. PROJ. NO. F-55 (4)
-13+72.8 Begin WYO. PROJ. NO. F-55 (3)

Note:-
Sta. 0+20 to 19+00 Prop. Combined Curb & Gutter and Double Gutter. Lt. & Rt. (see summary sheet no. 7)

NOTE:-
Work to be done by town of Evanston at no expense to the State
Renew all existing water mains as necessary & services.
Renew all existing sanitary sewer connections as necessary.
Renew all service connections & install all new connections to vacant properties.
Remove or adjust all other utilities that will interfere with construction.

Note:-
For location of manholes & Drop Inlets, see intersection detail. (sheet no 5 & 7)

NOTE:-
Work to be done by the Mountain Fuel & Supply Co. at no expense to the State
All replacements & adjustments to the natural gas lines.
All new connections to vacant properties.

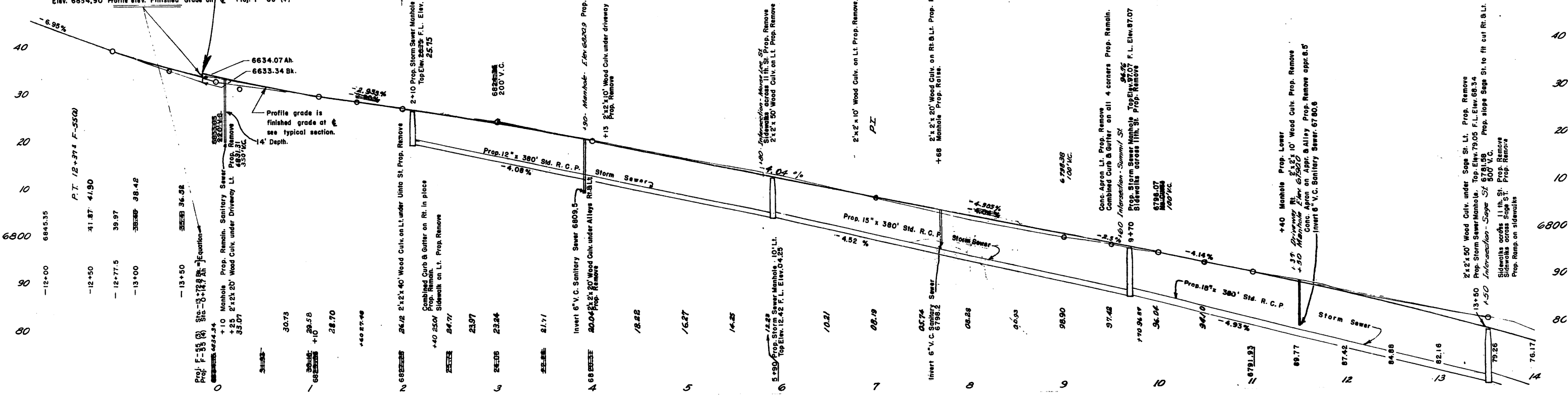
AS CONSTRUCTED

B.M. Stake on Street Lite Pole
Corner 11th & Lombard Sts
Elev. 6841.85

B.M. S.W. Cor. Curb - Broken End
Summit St. Elev. 6798.69

B.M. S.W. Cor. Curb Abutment
Sage St. Elev. 6780.51

NOTE:-
Elev. 6834.17 Profile elev. Shoulder Line Proj. F-55 (3)
Elev. 6834.90 Profile elev. Finished Grade on & Proj. F-55 (4)



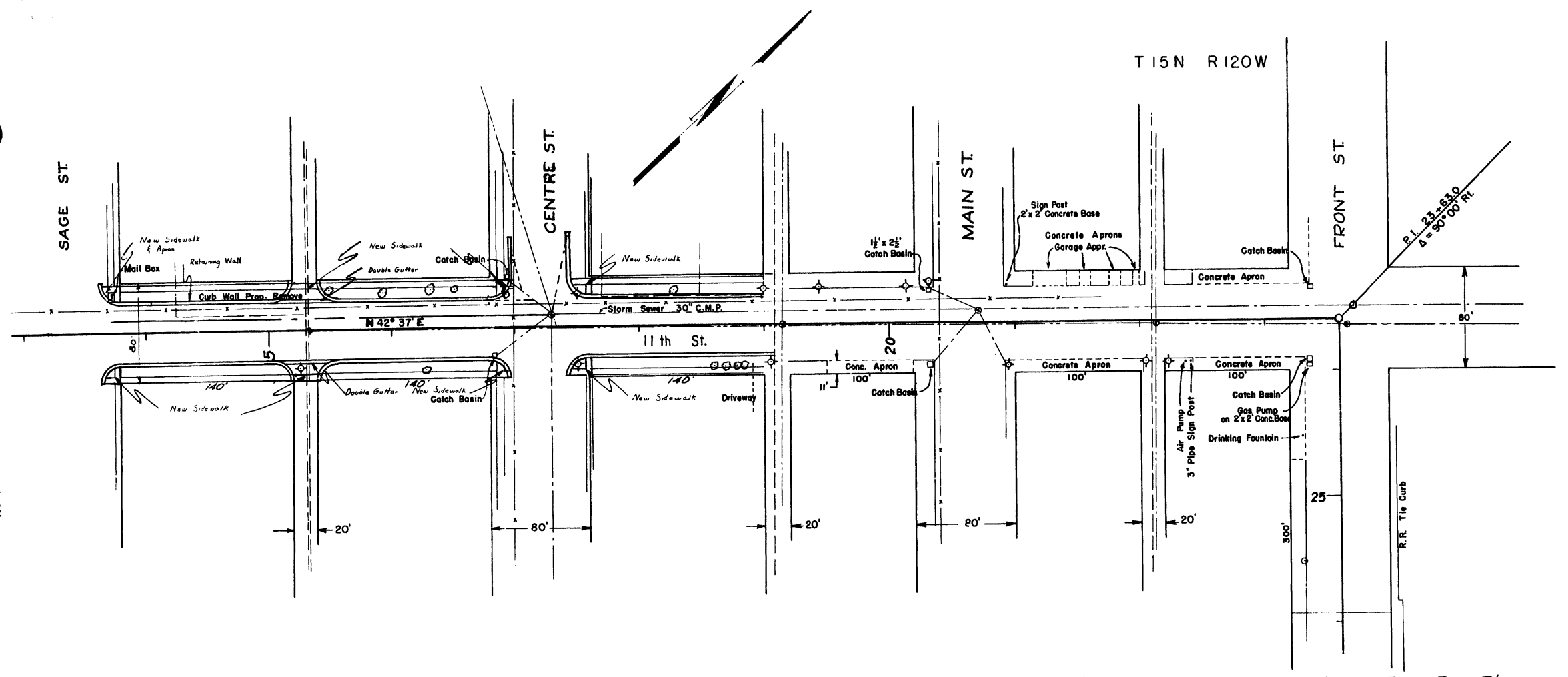
3-18-47
Wh. Iney
3-18-47

19305

40
30
20
10
6800
90
80

Way & Condon
2-97
5-17-97

19304



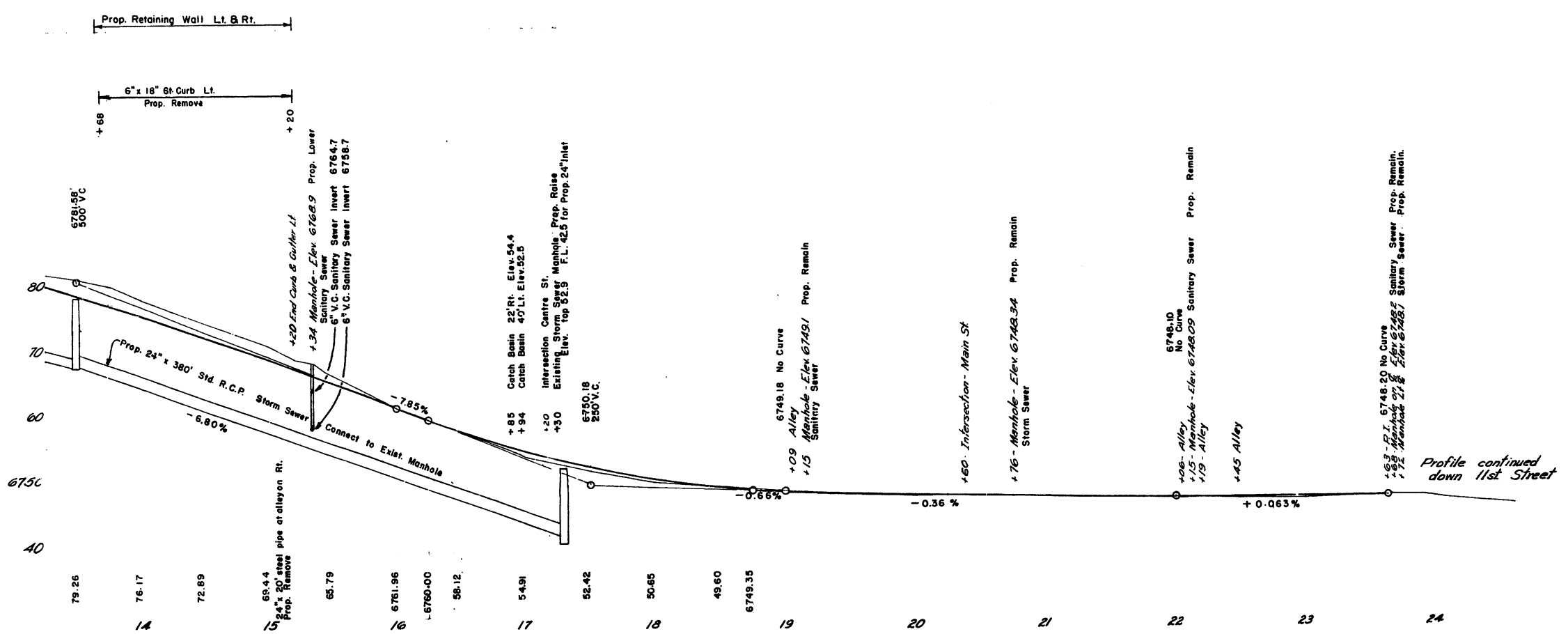
B.M. Lt. Sta 16+90 N.W. Cor. of Walk
Outside Abutment Elev. 6753.92

B.M. Lt. Sta 20+32 Top of
Fire Plug Elev. 6750.87

B.M. Gas Pump Base Rt.
S.W. Cor. Elev. 6748.65

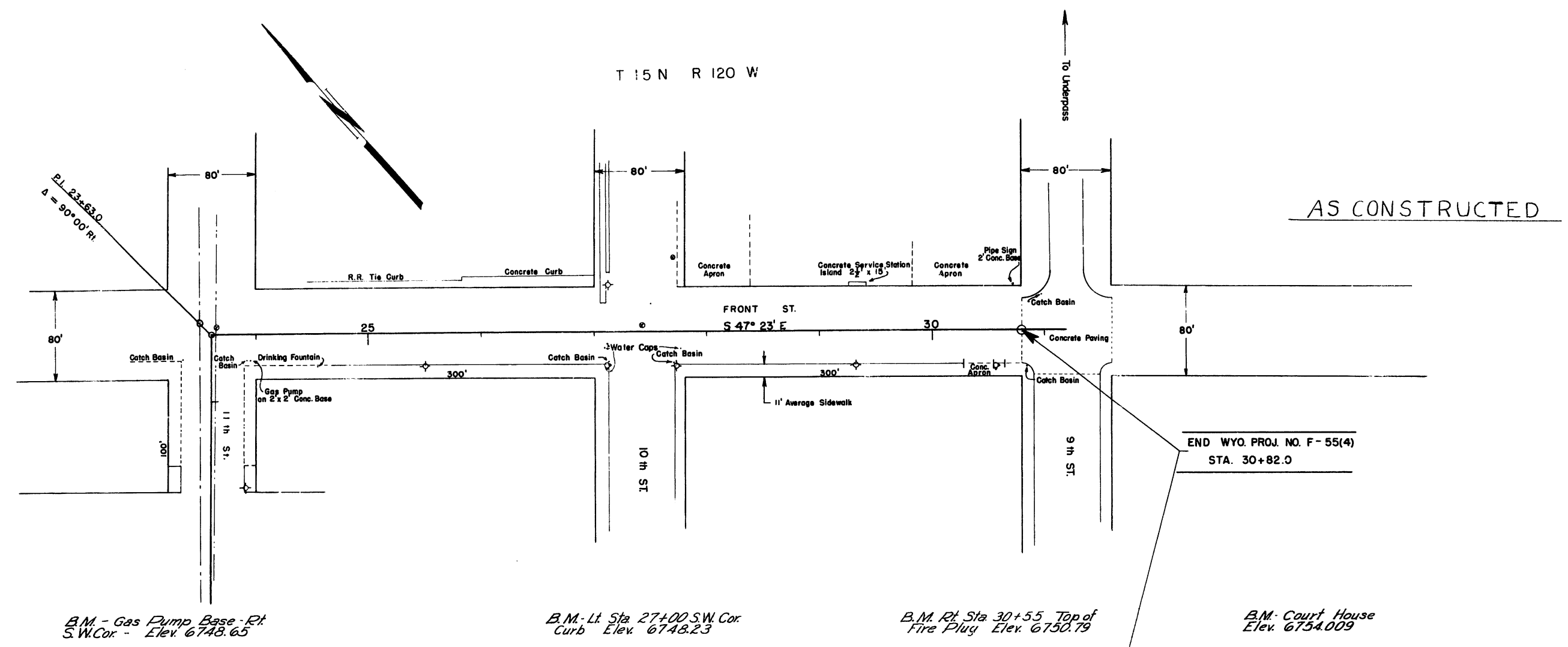
Whitney
3-16-47
3-18-47

19305



80
70
60
6750
40

T 15 N R 120 W

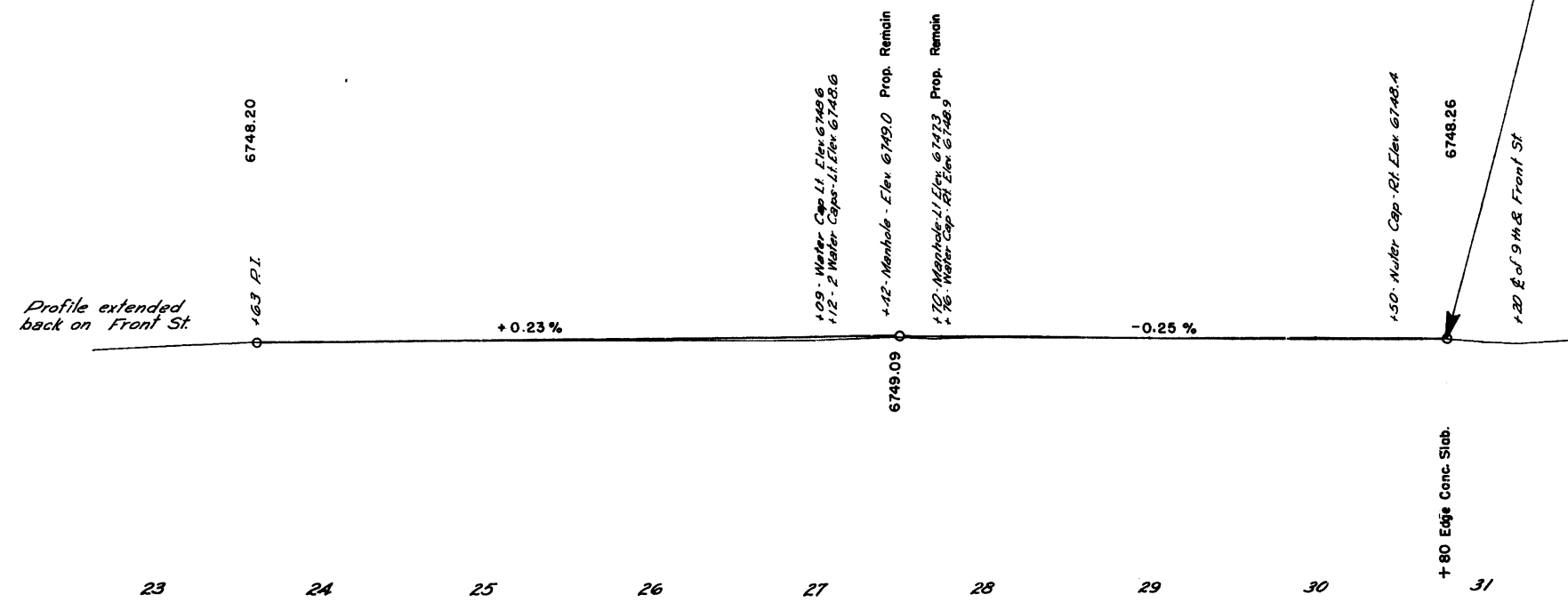


B.M. - Gas Pump Base - Rt.
S.W. Cor. - Elev. 6748.65

B.M. - Lt. Sta. 27+00 S.W. Cor.
Curb Elev. 6748.23

B.M. Rt. Sta. 30+55 Top of
Fire Plug Elev. 6750.79

B.M. - Court House
Elev. 6754.009



M. R. Johnson 3-17-97

19304

3-18-97 3-18-97

Whitney Whitney

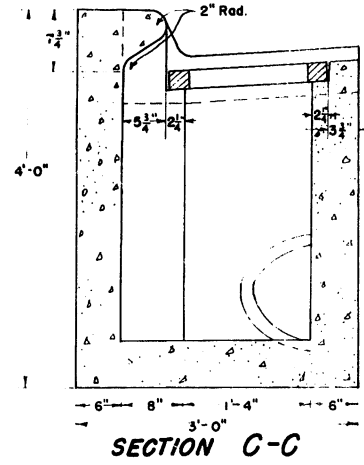
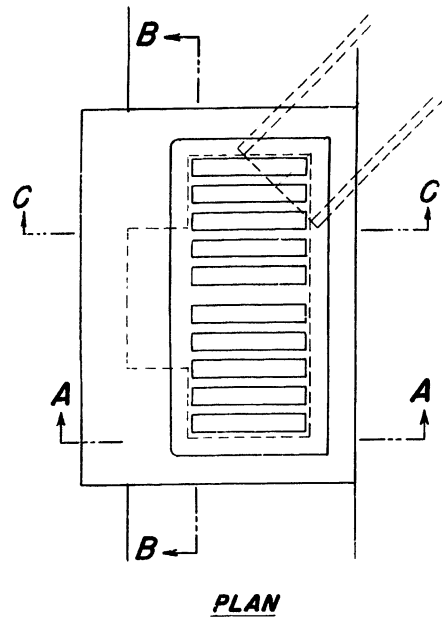
19305

60
47.50
40

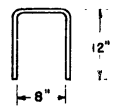
60
67.50
40

DROP INLET DETAIL

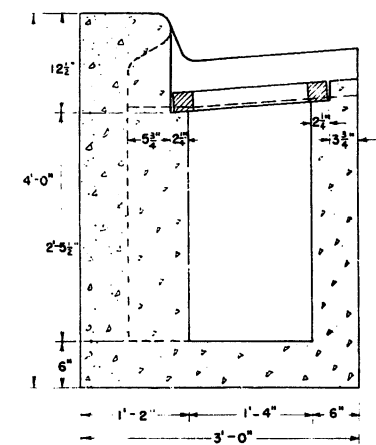
SCALE 1" = 1' 16 REQ.



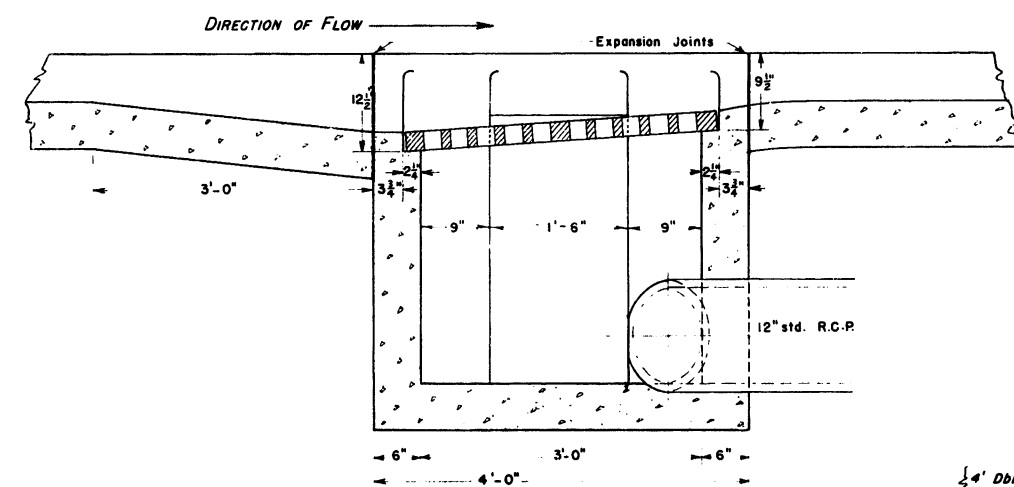
QUANTITIES FOR ONE DROP INLET	
CLASS A-A CONC.	CAST IRON GRATE
1.00 C.Y.	302 Lbs.



3/4" Ø STEEL STEP



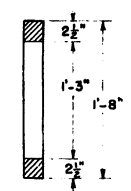
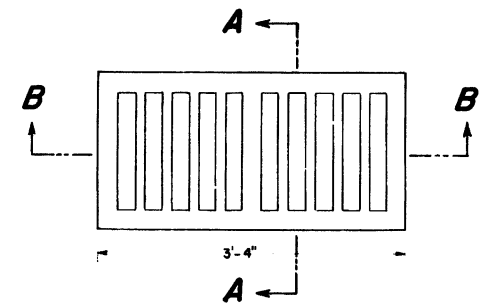
SECTION A-A



SECTION B-B

GRATE

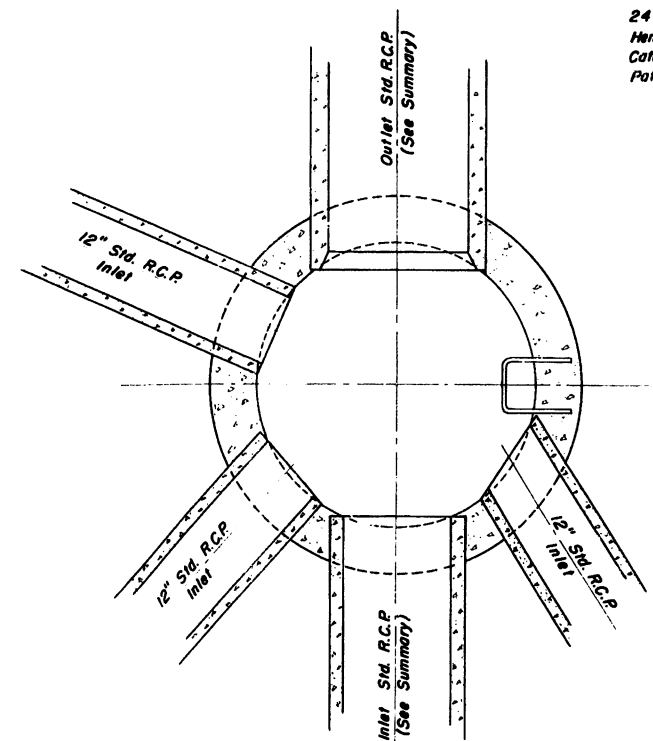
SCALE 1" = 1' 16 REQ.



SECTION A-A

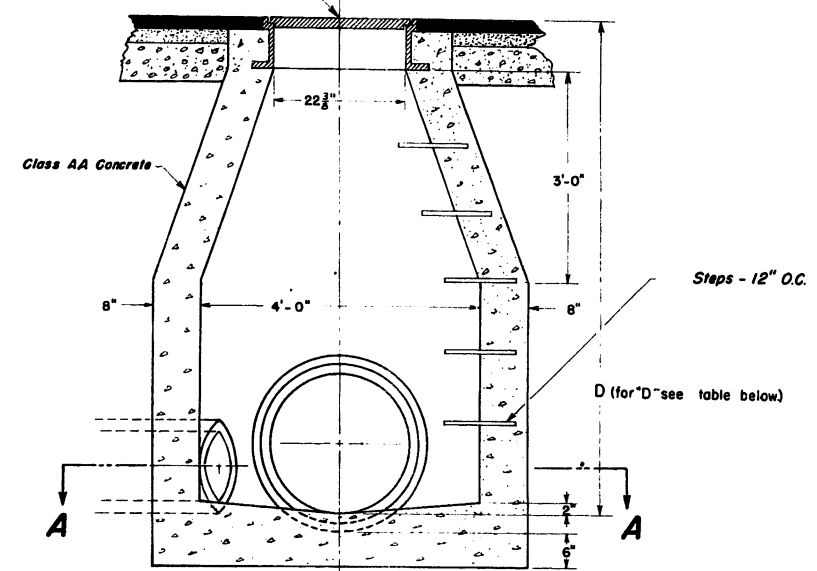


SECTION B-B



SECTION A-A

24" MANHOLE RING & COVER
Hendrie & Bolthoff Mfg. and Supply Co.
Catalogue No. 150, Fig. 371 A - "Denver Pattern" or equal.



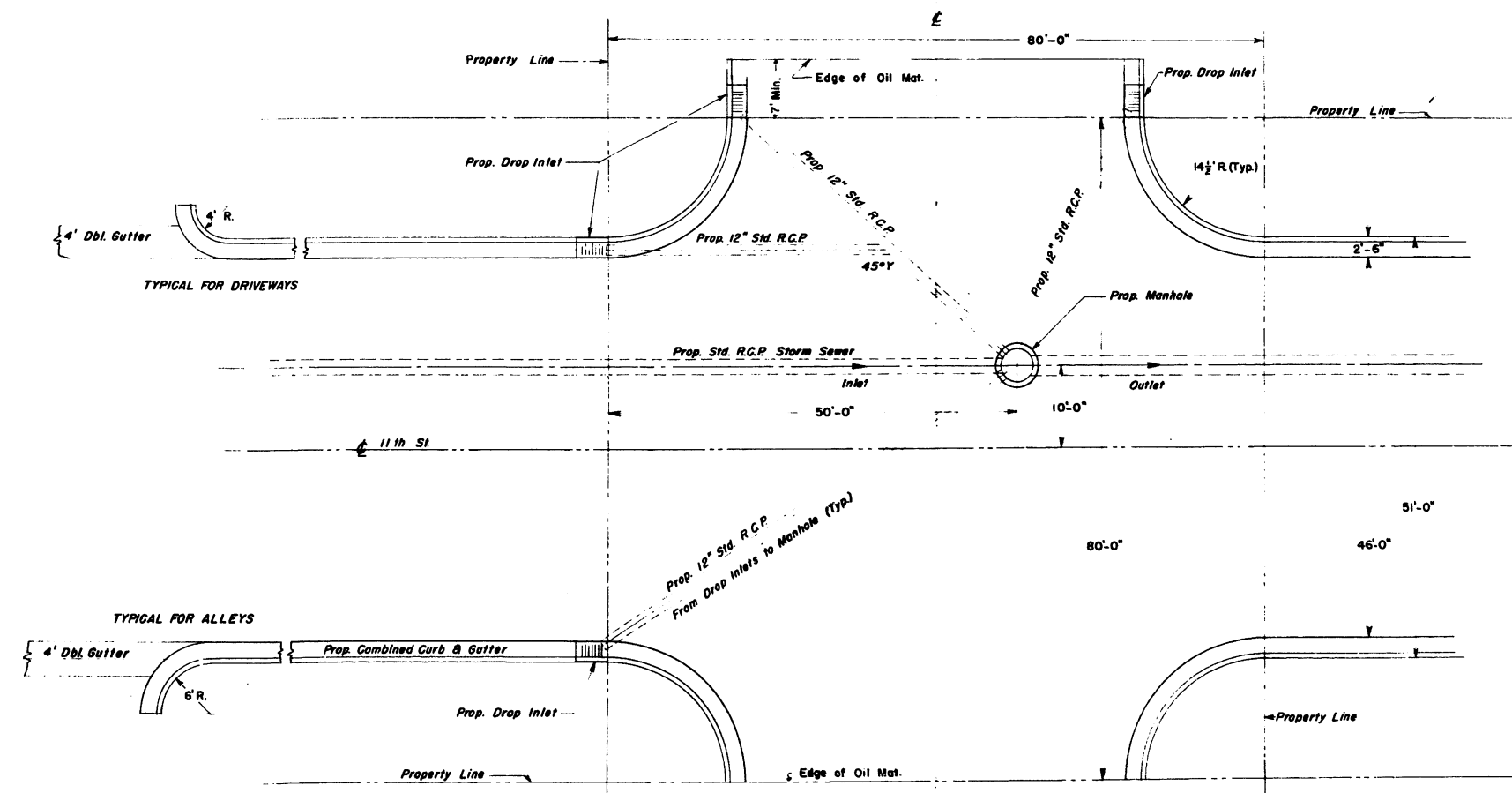
NOTE:-
Precast Concrete Manholes, meeting the approval of the Wyo. State Highway, may be used if Contractor so elects.

ELEVATION

Sta.	D ⁿ in feet	Class AA Concrete
2 + 10	7.00	2.6 C.Y.
5 + 90	8.17	3.0 C.Y.
9 + 70	10.00	3.6 C.Y.
13 + 50	10.71	3.8 C.Y.

STORM SEWER MANHOLE

SCALE 3/4" = 1' 4 REQ.



TYPICAL STREET INTERSECTION DETAIL

SCALE 1" = 10'

GENERAL NOTES
(Grading Jobs)

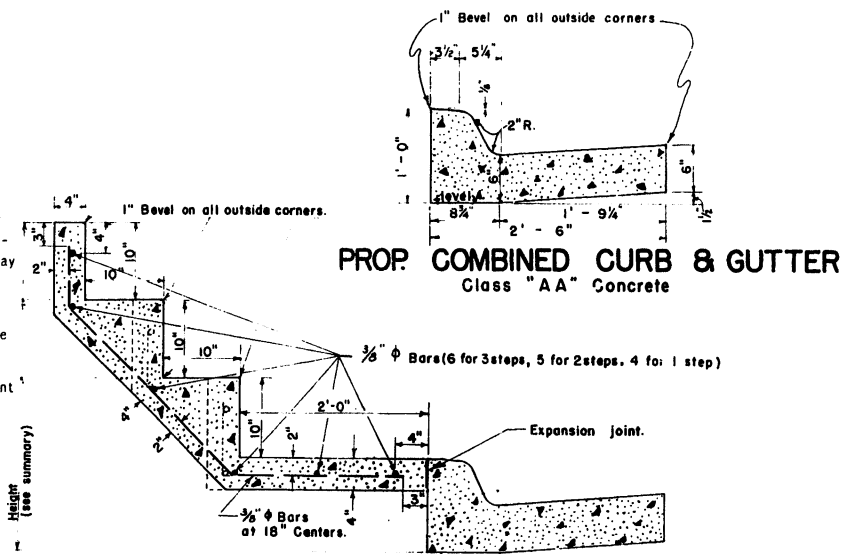
Width of Right of Way 80 Ft. except where otherwise noted on plans
 Maximum Curvature None Degrees. (90° Angle)
 Minimum Vertical Sight Distance 737 feet.
 Superelevation None per ft. per degree.
 Slopes on Fills
 0 to 3 feet - 0:1
 3 to 6 feet - 4:1
 6 to 10 feet - 3:1
 Over 10 feet - 2:1

The above are general standards. Stake job according to platted sections.

Road approaches will be constructed at all locations shown on plans or where directed by the Engineer. Road approaches will be built to provide access to the highway for adjacent land owners and also where necessary to make proper connections to existing side roads. All road approaches and dikes shall be constructed with same rate of side slope on fills as is used on the adjacent roadway cross-section.

Payment for surface or cut off ditches, outlet ditches, earth dikes and road approaches will be made as provided for under Section 202 "Roadway and Drainage Excavation," 1941 Standard Specifications.

Note: Change slopes on fills to agree with project design standard if different from that shown above.

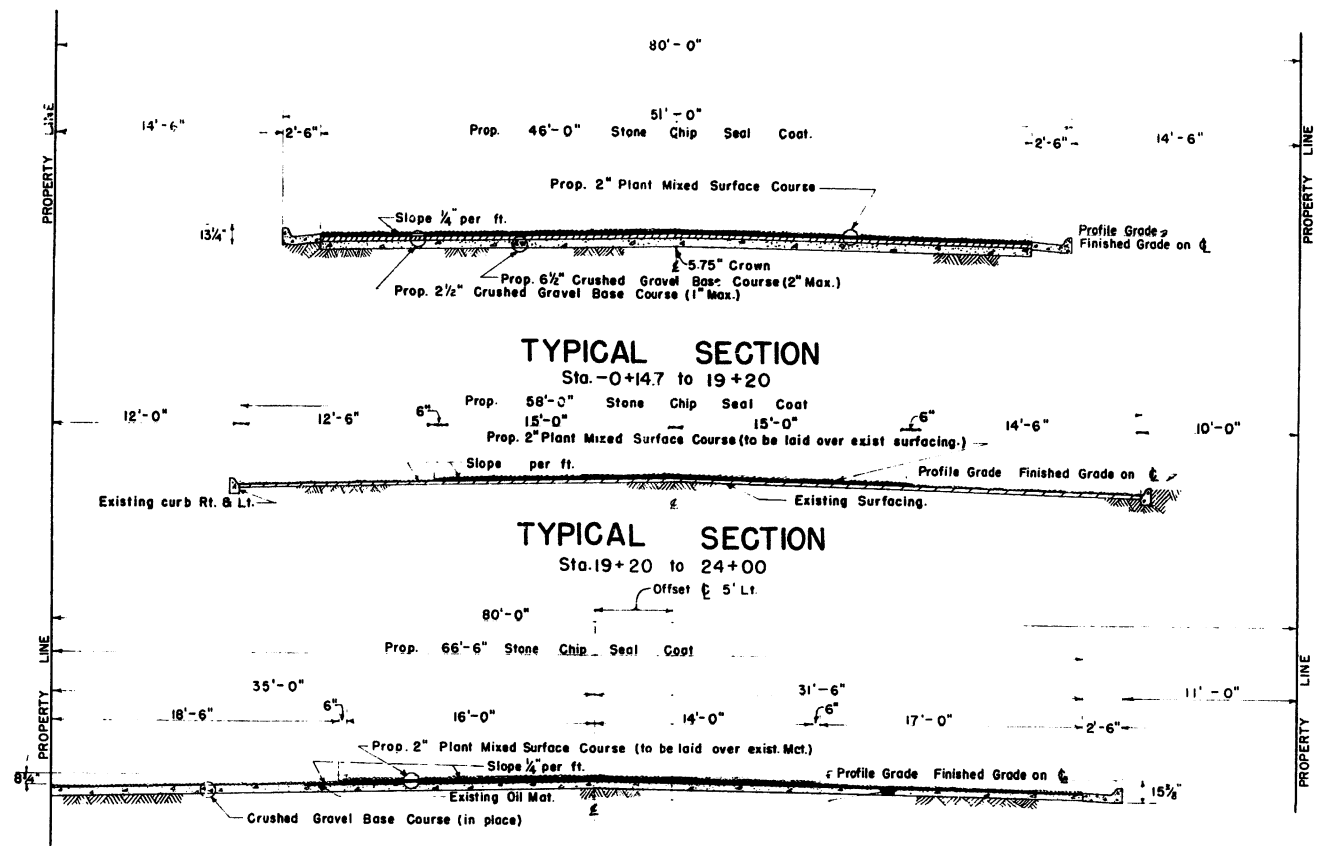


HAUL DIAGRAM

Bennett Pit Base & Plant Mix Only Royalty 2¢ Ton	Pit 0.4 Miles Lt. Sta. 117+00 Proj. F-55(3) 2.876 Miles D.H. Sta. -0+14.7 Proj. F-55(4)	Divide Pit Stone Chips Royalty
--	--	--------------------------------------

Direction of Haul	19+20	24+00	Intersections	Total	For Est.
Direction of Haul (Base & Pl. Mix.)	1,000	400		1,400	
Distance in Feet	1,000	400		1,400	
Distance in Miles	0.019	0.008		0.027	
Average Haul Miles (Base & Pl. Mix.)	0.038	0.016		0.054	
Average Haul Miles (Stone Chips)	10.157	6.669		16.826	
Tons/ft. Crushed Gravel Base (2" Max.)	1,344			1,344	
Tons/ft. Crushed Gravel Base (1" Max.)	323			323	
Tons/ft. Plant Mixed Surface Course	544	351	351	1,246	
Tons/ft. Stone Chips	223	209	342	774	
Tons Crushed Gravel Base (2" Max.)	3180		324	3504	3600
Tons Crushed Gravel Base (1" Max.)	1245		153	1398	1400
Tons Plant Mixed Surface Course	1032	173	249	1454	1700
Total Tons (Base & Plant Mix)	9137	173	343	9653	6410
Tons Stone Chips	64	26	43	133	170
Run Mile Haul (Base & Pl. Mix.)	1,330	359	359	1,948	19733
Run Mile Haul (Stone Chips)	64	27	43	134	1621

Ave. Haul (Base & Plant Mix)	3.1 Miles	* 50 Tons Plant Mixed Surface Course
" " (Stone Chips)	10.0 Miles	for Patching Sta. 19+20 to Sta. 30+82
Base Treatment MC-0	Tons 22	
Bituminous Material for Seal Coat	Tons 30	
Watering (Base)	Gal. 100	
Roller Operation (Base)	Hr. 40	
Bituminous Material (Gr. 120-150) Tons	110	



WEIGHT OF MATERIALS:-

Crushed Gravel Base Course (2" Max.)	Est. at 132 lbs.	Dry Compacted.
Crushed Gravel Base Course (1" Max.)	Est. at 130 lbs.	Dry Compacted.
Plant Mixed Surface Course	Est. at 142 lbs.	Oil Compacted.
6% Bituminous Material	Est.	
Stone Chips	Est. at 17 lbs. per sq. yd.	
Watering (Base)	Est. at 20 gals. per ton	
Roller Operation (Base)	Est. at 140 tons per hr.	
Base Treatment MC-0	Est. at .4 gal. or 3.12 lbs. per sq. yd.	
Bituminous Material for Seal Coat	Est. at 1/2 gal. or 2.78 lbs. per sq. yd.	

GENERAL NOTES
(Surfacing & Oiling Jobs)

All dimensions showing thickness are compacted thickness.
 All Boulders in The pit up to 6" in diameter shall be crushed and distributed uniformly through the rest of the material.
 Any excavation required at bridge ends or other places where blades cannot be used will be done at the Contractor's expense.
 Before any oiling work is done the base course throughout the project shall be brought exactly to the crown shown on the Typical Section or as directed by the Engineer and the base course shall be properly compacted by watering and rolling under Standard Specifications for "Base Course Preparation." All curves shall be restaked and the top of the base course brought to proper alignment, grade and superelevation as staked by the Engineer. Transition from the crowned section to the superelevated section will be made in a distance of 100 feet. On simple curves this distance will be measured from the start of the superelevated section back of the P.C. or P.T. and on spiraled curves measured from the T.S. or S.T. The work of crowning the base course and superelevating curves will be accomplished by means of graders motor patrols or other satisfactory equipment. No direct payment will be made for this work but it will be considered as subsidiary work pertaining to the other various pay items of the contract except that any watering or rolling required for compacting will be paid for.
 Laboratory tests indicate that material in the pit has sufficient binding characteristics and the addition of soil binder from a separate source, when the base course surfacing is placed on the road, will not be required. Any overburden added to the gravel at the pit will not be paid for as binder but will be measured and paid for as gravel.

EMB EXC

Gravel & Oil Summary

Dead Haul 2.82 Miles

F-55(3)
F-55(4)

ITEM		Dist.					Total	Remarks
		13+604 0+14.7 1924.7 0.364 Mi. 19+10	453' 0.086 Mi. 23+63	350' 0.066 Mi. 27+13	369' 0.070 Mi. 30+82			
Crushed Gravel Base Course 2" Max.	Ton/Ft	1.677		0.91				
Crushed Gravel Base Course 1" Max.	Ton/Ft	0.665		0.15				
Plant Mix Surface Course	Ton/Ft	0.656	0.574	0.914	0.900			
Watering (Base)	Gal/Ton	14.4		18.8				
Roller Operation (Base)	Ton/Hr	79.8		91.0				
Stone Chips	lb/SqYd	27	22	19.0	19			
19 Crushed Gravel Base Course 2" Max.	Tons	3229.5		318.5		3548.0		
20 Crushed Gravel Base Course 1" Max.	Tons	1280.0 282.0		53.0		1615.0	Intersections	
21 Plant Mix Surface Course	Tons	1263.65 80.0	260.0	320.15	332.1	2255.90	E-61 Dated July 1, 1948 Intersection	
22 Haul of Surfacing Material	Ton Mile	19782	1158	2528	1375	24843		
23 Base Treatment M.C.O.	Ton	26.5				26.5		
24 Bituminous Material 120-150	Ton	72.65	14.2	17.3	17.95	122.1		
25 Bituminous Material Seal Coat 120-150	Ton						E-61 Dated April 15, 1948	
26 Stone Chips	Ton	134.6	32.2	24.85	26.2	217.85	Including Intersections	
27 Watering (Base)	Mile Gal.	65		6		71.0		
28 Roller Operation (Base)	Hr.	56.5		3.5		60.0		
Seal Coat RC-2	Ton	11.16	2.90	2.55	2.82	19.43	E-61 Dated April 15, 1948 Including Intersections	

9.734 Miles Dead Haul For Chips (Divide Pit)

	Dist.	0.36	0.86	0.66	0.70	Total
1/2 Dist. mile	0.187	0.043	0.033	0.035		
Dist. 1/4 mile	3.007	3.237	3.313	3.381		
Dist. 1/8 mile	101.43	9.713	9.892	9.269		
Haul Gravel for Chips	13.65	3.19	2.44	2.56		
Total	116.1	116.1	2535	1379	24888	

* 24883 used for Pay
P.C.

Total Estimate & Final Quantities

Item No.	ITEM	Unit	Estimate Quantities	Final Quantities	Over Run	Under Run	Remarks
1	Excavation	CY	6270	5747 5827		529	
2	CY Mile Haul	CY Mi.	2240	1776		464	
3	Watering (Emb.)	Mi. Gal.	20	0		20	
4	Sheepsfoot Roller Operation	Hr.	10	0		10	
5	12" Std. R.C.P.	LF	1068	1214	146		
6	15" Std. R.C.P.	LF	380	380			
7	18" Std. R.C.P.	LF	760	760			E-61 Dated June 30, 1947
8	24" Std. R.C.P.	LF	380	0		380	E-61 Dated June 30, 1947
9	Concrete Manholes	Ea.	4	4			
10	Drop Inlets	Ea.	17	20	3		
11	Adjusting Manholes	Ea.	10	11	1		
12	Sewer Excavation	CY	2300	2412.9	112.9		
13	Mechanical Tamping	Hr.	350	2035		146.5	
14	Combined Curb & Gutter	LF	3148	3451.85	303.85		
15	Double Gutter	SqYd.	120	94.35		25.65	
16	Concrete Sidewalk	SqYd.	125	449.7	324.7		
17	Class "A A" Concrete	CY	60	4046		1954	
18	Reinforcing Steel	Lb.	2600	1988		612	
19	Crushed Gravel Base Course 2" Max.	Ton	3970	3548.0		422	
20	Crushed Gravel Base Course 1" Max.	Ton	1530	1615.0	85		
21	Plant Mix Surface Course	Ton	2150	2255.90	105.9		
22	Haul of Surfacing Material	Ton Mile	24900	24843		57	
23	Base Treatment M.C.O.	Ton	23.7	26.5	2.8		
24	Bituminous Material 120-150	Ton	140	122.1		17.9	
25	Bituminous Material Seal Coat 120-150	Ton	30				E-61 Dated April 15, 1948
26	Stone Chips	Ton	170	217.85	47.85		
27	Watering (Base)	Mile Gal.	110	71		39	
28	Roller Operation (Base)	Hr.	45	60	15		
E-61	Seal Coat RC-2	Ton	30	19.43		10.57	E-61 Dated April 15, 1948

Grading Summary

Sta To Sta	Emb C.Y.	Exc C.Y.	CY.Mile Haul	Remarks
0-14.7 17+00		340	61	Top 3" Oil Stock Piled - Rt. Sta. 14 For City
0-14.7 11+50		245 249.8	435	
11+51 13+00		323	57	
13+00 19+15		1071 1071	1127	
2+25 4+25		295	61	Sub-Excavation
23+62 27+50		267	35	No X-Sections On This Section
Totals		5741 5827*	1776	

*Error in Cross Section Sheets

Storm Sewer Summary

Sta To Sta.	Manhole Each	Drop Inlet Each	Adjusting Manholes Each	Std. R.C.P.			Sewer Exc. C.Y.	Mech. Tamp Hr.	Remarks
				12" L.F.	15" L.F.	18" L.F.			
2+10	1	4		184			132.6	40.5	
2+10 - 5+90				380			311.4	38.0	
3+90			1						
5+90	1	4		168			124.0	34.0	
5+90 - 9+70					380		393.2	23.0	
7+68			1						
9+70	1	4		168			132.7	24.0	
9+70 - 13+50					380		562.6	16.0	
11+50			1						
13+50	1	4		168			152.50	13.0	
13+50 - 17+30					380		526.9	15.0	
15+34			1						
17+30		4	1	140			77.0		
20+76			1						
22+15			1						
23+68			2	6					
23+72			1						
27+42			1						
Totals	4	20	11	1214	380	760	2412.90	203.5	

Retaining Wall Summary

EMB EXC

Sta To Sta.	Lin. Ft.		Height Feet	Class AA Concrete C.Y.	Reinf. Steel Lb.	Remarks
	Left	Right				
2+25.5- 3+80			3	11.62	493	Straight 8" wall Extra Steel in Steps
11+74 - 13+00			2.5	8.50	400	Straight 8" wall
13+00 - 13+14.5			3.5	4.07	63	Straight 8" wall
13+65.5- 15+20			3.5	15.13	613	3- Steps
23+20 -				1.14	419	Apron at Cor. 11 th of Front Pay for Some Steel Waste
Totals				40.46	1988	

Combined Curb & Gutter & Double Gutter Summary

Sta. To Sta.	Comb. Curb & Gutter		(4) Double Gutter		Sidewalk		Remarks
	Left L.F.	Right L.F.	Left Squ. Yd.	Right Squ. Yd.	Left Squ. Yd.	Right Squ. Yd.	
	0+20 0+34.5			6.44			
0+20 1+74.5					27.74	90.79	
0+34.5 1+74.5	151.15	161.8					
2+25.5 3+80	176.7	179.1			38.52	21.90	
3+80 4+00				9.78		2.00	
3+80 4+18.5			17.11		19.15		
4+00 5+54.5	149.75	168.9				7.78	
4+18.5 5+54.5					39.66		
6+05.5 7+60	173.2	178.3	5.33		18.16	15.81	
7+60 7+80			9.78	9.78		3.89	
7+80 9+34.5	173.8	169.7			8.87	8.28	
9+85.5 11+40	174.15				16.17		
9+85.5 11+02.7		152.25				8.58	
11+02.7 11+60				16.58		5.00	
11+60 13+14.5		174.0				9.75	
11+74 13+14.5	163.35				1.39		
13+65.5 15+20	179.1	172.6			7.44	12.10	
15+20 15+40			9.77	9.78	19.17	9.55	
15+40 16+94.5	216.0	168.4			6.32	18.27	
17+45.5 19+00	206.4	163.2			17.37	16.04	
Totals	1763.6	1688.25	48.43	45.92	219.96	229.74	
Grand Totals	3451.85		94.35		449.70		

INDEX OF SHEETS

SHEET No.	TITLE PAGE	STATION No.	STATION No.	Proj. Nos.
1	2A TYPICAL CROSS-SECTIONS OF ROADWAY	372+00	436+00	44-R2 & 44 Extended
2	2B STANDARD MISCELLANEOUS STRUCTURES	435+00	562+00	44-R2
3	2C DETOUR SIGNS	561+00	688+00	
4	PLAN AND PROFILE - STATION No.	687+00	814+00	59A-R2
5	"	813+00	940+00	
6	"	939+00	1066+00	59B-R2
7	"	1065+00	1192+00	
8	"	1192+00	1255+00	59B-R2
9	"	1254+00	1318+00	
10	"	1317+00	1381+00	59B-R2
11	"	1380+00	1444+00	
12	"	1443+00	1507+00	59B-R2
13	"	1506+00	1570+00	
14	"	1569+00	1633+00	59B-R2
15	"	1632+00	1696+00	
16	"	1695+00	1755+64.3	1834+34.9
17	18 AND 19A SUMMARY SHEETS			
18	19 TO 223-CROSS-SECTIONS			

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
 FEDERAL AID PROJECT
MEDICINE BOW-RAWLINS
CARBON COUNTY

NOTE-- SPECIFICATIONS FOR IMPROVEMENTS PROPOSED IN THE FOLLOWING PLANS NOW ON FILE IN BUREAU OF PUBLIC ROADS

LENGTH IN MILES	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
GROSS 9.496	NET 9.495	3	WYO	44R2	1
0.188	0.188			44E1	
9.204	9.204			59A-R1	
7.896	7.842			59B-R1	

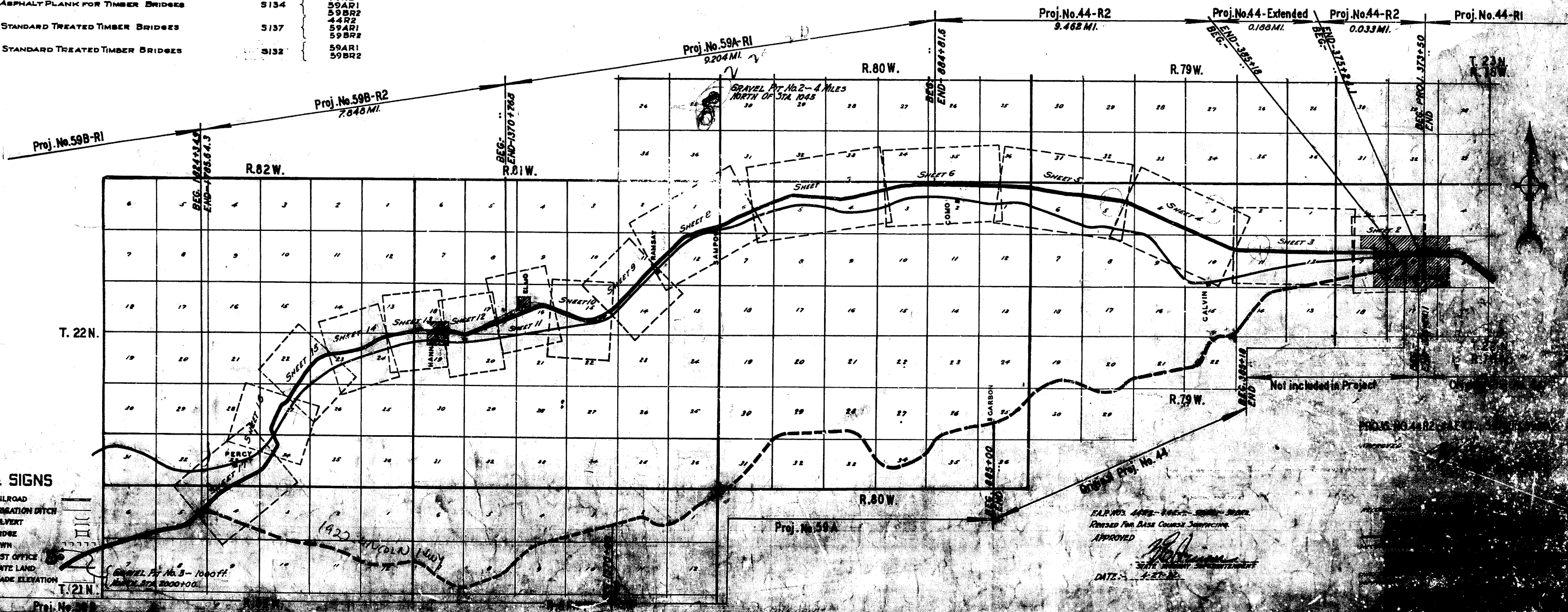
SCALES
 (PLAN, 1 IN. = 200 FT.
 PROFILE, HOR. 1 IN. = 200 FT.; VER. 1 IN. = 20 FT.
 LAYOUT, 1 IN. = ONE MILE

INDEX OF STRUCTURE SHEETS

SHEET No.	STRUCTURE	STATION	Dwg. No.	Proj. No.
1 to 6 of 17 SHEETS	TREATED TIMBER BRIDGES	453+00	1105	44R2
		544+21		
		598+59		
		883+27		
		883+27		
7 to 12 of 17 SHEETS	OVERHEAD CROSSINGS OVER UNION PACIFIC RAILROAD	988+90	1105	59BR2
		995+18		
		1059+30		
		1110+89		
		1285+38		
13 of 17 SHEETS	ASPHALT PLANK FOR TIMBER BRIDGES	1300+27	1089	59BR2
		1310+27		
14 of 17 SHEETS	STANDARD TREATED TIMBER BRIDGES	1441+10	5134	44R2 59AR1 59BR2
		1512+50		
15 of 17 SHEETS	STANDARD TREATED TIMBER BRIDGES	1783+68	5137	44R2 59AR1 59BR2
		1669+09.55		
			5132	59AR1 59BR2

INDEX OF STRUCTURE SHEETS CONTINUED

SHEET No.	STRUCTURE	STATION	Dwg. No.	Proj. No.
16 of 17 SHEETS	6x4 REIN. CONCRETE BOX CULVERT	741+00	7A372111	44R2
		908+00		
		1229+00		
		1244+00		
17 of 17 SHEETS	4x4 6x6 7x6	1523+00	7A372111	59BR2
		1557+00		
		1569+00		
		1632+00	401B18	59BR2



CONVENTIONAL SIGNS

TOWNSHIP LINE	RAILROAD
SECTION LINE	IRRIGATION DITCH
SECTION CORNER LINE	CULVERT
POLE LINE	BRIDGE
POLE LINE	TOWN
RIGHT OF WAY	POST OFFICE
SURVEY LINE	STATE LAND
TRAVELED WAY	GRADE ELEVATION

FED. ROAD DIST. No.	STATE FED. AID	PROJECT No.	SHEET No.	TOTAL SHEETS
3	WV	22	2	223

T.22N, R.78W.

F.A.G.M. 7(1) 1938
Flashing Light Crossing
Signs - U.P.R.R.

MEDICINE BOW

Sec 8
U.P.R.R. CO.
Agreement No. 2225

SEC. 7

U.P. R.R. CO.

Note:-
Ends of culverts to be protected by Rip-Rap where Engineer deems it necessary.
All old pipes, culverts & right of way fence within limits of ROW to be removed at contractors expense.

Width of ROW 200' except where otherwise noted on Plans.

B.M. 100' ET. STA. 400+00
Hub & Guard E/G 6575.50

B.M. 100' ET. STA. 420+00
Hub & Guard E/G 6557.68

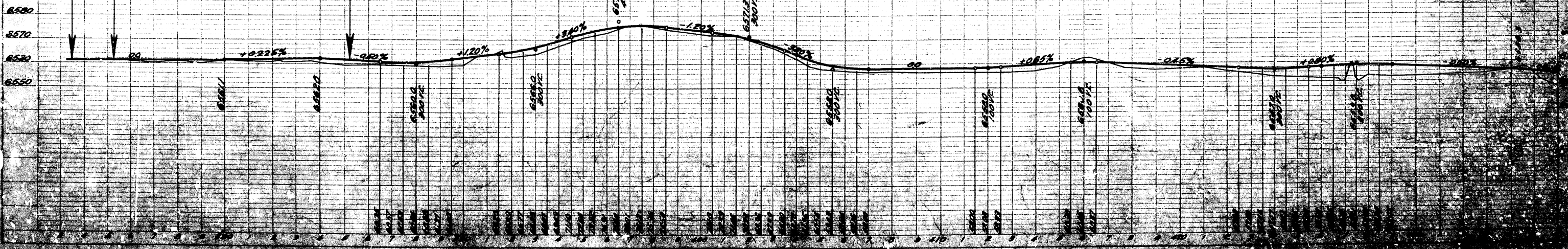
25 C.Y. Rip-Rap Allowed in 44.R2 Estimate
175' " " " " " 59AR1 " "
40' " " " " " 59BR2 " "

Grade line represents elevations of subgrade

Prop. at CMP. 24' long

Prop. at CMP. 24' long

Prop. at CMP. 24' long
Prop. at CMP. 50' long
Prop. at CMP. 24' long



GRADE SUMMARY

Prepared By: C. W. Beaver
Checked By: G. T. Bath
Oct. 7, 1952 - MJB

STATION	STATION	ELEVATION Cu.Yds.	ELEVATION Cu.Yds.	OVERHAUL		EXCAVATION Cu.Yds.	RAISING FEES 10% Cu.Yds.	REMARKS
				C.Y. MILLS	C.Y. STA.			
61+10	62+30.53	1176					1294	Haul From Borrow Pit 800 Feet Left Station 118+00
50 Ft. "T" BEAM BRIDGE								Over Little Snake Fork River
62+69.42	66+42.59	5112					5423	Haul From Borrow Pit 800 Feet Left Station 118+00
50 Ft. "T" BEAM BRIDGE								Over Graham Creek
63+00	67+00	5200			16200	16200	4130	Haul From Borrow Pit 800 Feet Left Station 118+00
67+00	67+47	3886					10225	
67+47	68+00	1080	1080				1122	Balance
68+00	68+60	520	520				520	Balance
68+60	68+65	573	573				573	Balance
68+65	68+00	1014	1089		7810		1118	Bal. Balance
68+00	68+40	1190	1190				1202	Bal.
68+40	68+50	1202					1202	Balance
68+50	68+56	2287					2287	Balance
68+56	68+35	1115	1115		73540		1224	Bal. Balance
68+35	68+60	88	88				84	Bal.
68+60	68+07	93	5779				108	Balance
68+07	68+24	5028	5028		19140		5528	Balance
68+24	68+38							
68+38	68+40							
68+40	68+42.5							
68+42.5	68+40							
68+40	68+76	674	7024		2560	7024		Balance
68+76	69+00	1548	2808		2290	2808		Balance
69+00	69+24	1548	1519			1219		Balance
TOTALS		26442	30081	16200	112200	10845	4226	CUBIC YARDS

GRADE SUMMARY
EXCAVATION - 10845 CUBIC YARDS
OVERHAUL - 16200 CUBIC YARDS
RAISING FEES - 4226 CUBIC YARDS
TOTALS - 31271 CUBIC YARDS

WYOMING EMERGENCY CONSTRUCTION HIGHWAY PROJECT No. E 17
TOTAL ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT
1 Excavation Unclassified	28200	Cubic Yard
2 Excavation for Bridges	98	Cubic Yard
3 Excavation for Bridges	210	Cubic Yard
4 Overhaul	112200	C.Y. MILLS
5 Haul of Special Borrow	16200	C.Y. MILLS
6 Class "A" Concrete	459	Cubic Yard
7 Reinforcing Steel	22220	Pounds
8 Structural Steel	20040	Pounds
9 Cast-in-place Concrete	1608	Linear Feet
10 Rip Rap	40	Cubic Yard
11 Right of Way Fence	1450	Linear Feet
12 Retaining Walling Structures	1200	Linear Feet
13 Iron Pipe Milling	56	Linear Feet
14 Non-Participating in Federal Aid	5	Cubic Yards

WYOMING EMERGENCY CONSTRUCTION HIGHWAY PROJECT No. E 17

MEMORANDUM CONCERNING BOX CULVERTS

Prepared By: C. W. Beaver
Checked By: G. T. Bath
Oct. 7, 1952 - MJB

STATION	SPAN	LENGTH	CLASS	REMARKS	REMARKS
76+22	4' x 4'	25	20.0	1210	Revised to 20.0
82+42	4' x 4'	25	20.0	1210	Revised to 20.0
88+00	4' x 4'	25	20.0	1210	Revised to 20.0
170+20	10' x 8'	45	76.0	2810	Revised to 76.0
TOTALS			194.0	5040	

WYOMING EMERGENCY CONSTRUCTION PROJECT No. E 17

MEMORANDUM CONCERNING BRIDGES

Prepared By: C. W. Beaver
Checked By: G. T. Bath
Oct. 7, 1952 - MJB

STATION	STATION	LENGTH	CLASS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS	REMARKS
62+30.53	66+42.59	42.06	20.0	50	50	1702	1172 Three Bents		
68+00	68+42.5	42.5	20.0	50	50	1702	1172 Three Bents		
174+24	174+24	0	20.0	110	110	36	1172		
TOTALS									

WYOMING EMERGENCY CONSTRUCTION PROJECT No. E 17

REMOVING EXISTING STRUCTURES

STATION 174+: One 24 Foot "T" Beam Span On Concrete Abutments.

WYOMING EMERGENCY CONSTRUCTION PROJECT No. E 17

NEW BRIDGE

C. W. Beaver
G. T. Bath

STATION	CLASS	REMARKS
62+30.53	20	REPLACE BRIDGE FROM RIVER BRIDGE
68+00	20	
TOTALS		

WYOMING EMERGENCY CONSTRUCTION PROJECT No. E 17

NEW RIGHT OF WAY FENCE

C. W. Beaver
G. T. Bath

STATION	STATION	LN. FT. LEFT	LN. FT. RIGHT	REMARKS
61+10	68+10	700	700	TOTAL LINEAL FENCE

WYOMING EMERGENCY CONSTRUCTION PROJECT No. E 17

MEMORANDUM CONCERNING BRIDGES

STATION 174+: One 24 Foot "T" Beam Span On Concrete Abutments.

INDEX OF SHEETS

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT

LYMAN-GREEN RIVER
GRANGER JUNCTION-EAST
SWEETWATER CO.

LENGTH IN MILES		FED. ROAD	FEDERAL AID PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GROSS	NET	DIST. NO.			
7.244	7.244	9	I-80-2(34)64 & SCP 5743 Combined	1	117

NOTE: SPECIFICATIONS FOR MEASUREMENTS OF THE PLANS AND PROFILES ARE NOW IN FILE IN THE BUREAU OF PUBLIC WORKS.

DATE PRINTED April 20, 1966

SHEET NO.	PLANS
1	TITLE SHEET
S1-S2	TYPICAL SECTION SHEET
S3-S8	SUMMARY SHEETS
2-15	PLAN & PROFILE SHEETS
16-39	DETAIL PLAN SHEETS
40-42	FIT LAYOUT PLAN SHEETS

SHEET NO.	DRWG. NO.	STRUCTURES
B1-B10	4026	R.C. BOX CULVERTS STA. 1080+00, STA. 1251+50, & STA. 1446+65
B11-B18	4015	LITTLE AMERICA INTERCHANGE STA. 1218+00
B19-B29	3989	GRANGER JUNCTION INTERCHANGE STA. 1366+07

STANDARD PLAN NUMBER	TITLE
107.10-1A	CONSTRUCTION SIGNING
107.10-2A	CONSTRUCTION SIGNS AND BARRICADES
107.10-3A	FEDERAL AID HIGHWAY CONSTRUCTION IDENTIFICATION SIGNS
107.10-4A	CONSTRUCTION AREA SIGN PLACEMENT (2 SHEETS)
107.10-5A	TRANSITION AND DETOUR SIGN PLACEMENT (2 SHEETS)
107.10-6A	PLACEMENT AND MOUNTING OF CONSTRUCTION SIGNS (2 SHEETS)
AA-8	TWO LANE ROADWAY GRADING SECTIONS
AB-9	FOUR LANE DIVIDED ROADWAY GRADING SECTIONS
203.01-3A	APPROACHES AND MAIL BOX TURNOUTS
206.03-1A	STRUCTURE EXCAVATION
304.04-1A	BASE SUPPORT MATERIAL THICKNESS TRANSITION PROCEDURE
603.01-2A	FILL HEIGHT CHARTS FOR CORRUGATED METAL PIPE
606.03-1A	GUARD RAIL TYPE 3 AND APPURTENANCES (2 SHEETS)
607.03-1A	WIRE FENCE USING WOODEN POSTS (2 SHEETS)
607.03-2A	WIRE FENCE USING STEEL POSTS (2 SHEETS)
607.03-3A	WIRE FENCE INSTALLATIONS
608.06-1A	CONCRETE CHECKS, DROPS AND SPILLWAYS
611.05-1A	REFERENCE MARKERS
612.05-1A	FLASHBOARDS (2 SHEETS)
612.09-1A	DELINEATORS (2 SHEETS)
614.03-1A	CUT-OFF WALL FOR CORRUGATED METAL CONDUITS
615.01-1A	CATTLEGUARD (PREFABRICATED UNITS) (2 SHEETS)
615.01-2A	CATTLEGUARD (WELDED GRILL UNIT) (2 SHEETS)
707.08-1A	CORRUGATED METAL CONDUIT BEVEL END FINISH
712.07-1A	TRASH GUARDS FOR ROUND CONDUIT (2 SHEETS)
712.08-1A	CORRUGATED METAL PIPE FLARED END SECTIONS (2 SHEETS)

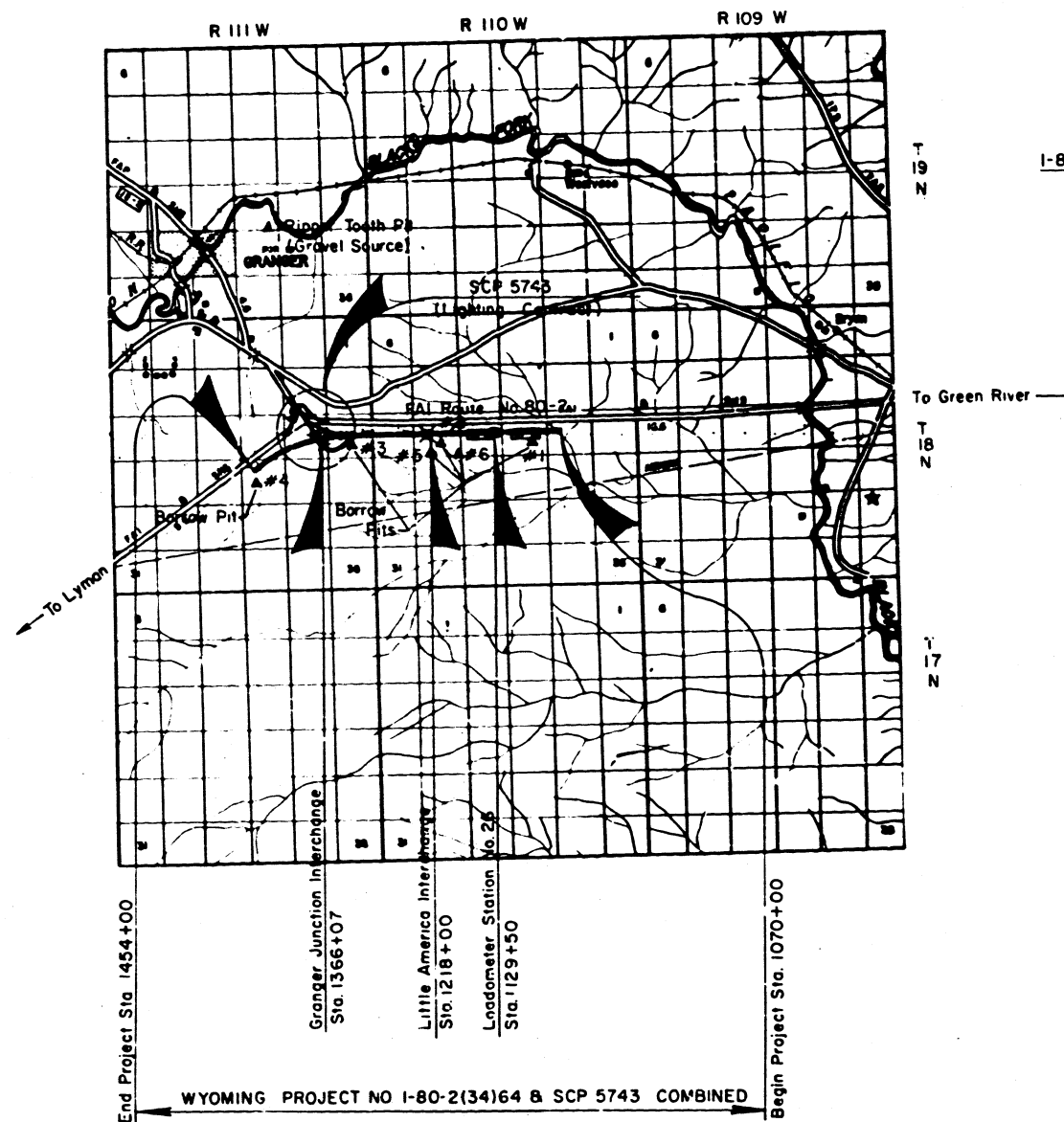
117 TOTAL SHEETS

SHEET NO.	CROSS SECTIONS
250	CROSS SECTION SHEETS
13	CULVERT SECTIONS

"AS CONSTRUCTED"

DISTRICT ENGINEER
DISTRICT CONSTRUCTION ENGINEER
SENIOR RESIDENT ENGINEER
CONTRACTOR
DATE OF BEGINNING
DATE OF COMPLETION
NO CHANGE IN LENGTH

A.V. DeBERNARDI
D.G. DILLER
J.E. HANSEN
BIG HORN CONSTR. CO.
JUNE 2, 1966
NOV. 20, 1967



Roadway	7.222 Miles
Structures	0.022 Miles
Total	7.244 Miles
Total Lane Miles = 29	

4-7-66

SAXTON'S SQUAD

INDEX OF SHEETS		INDEX OF SHEETS	
WYOMING PROJECT NO. F-1219 (A)		WYOMING PROJECT NO. F-188 (14)	
SHEET NO.	TITLE SHEET	SHEET NO.	TITLE SHEET
2A	TYPICAL SECTIONS OF ROADWAY	2B	TYPICAL SECTIONS OF ROADWAY
2B	STANDARD MISCELLANEOUS STRUCTURES 1-3	2C	STANDARD MISCELLANEOUS STRUCTURES 142 OF 4
2C	SIGNS FOR USE IN CONSTRUCTION	2D	SIGNS FOR USE IN CONSTRUCTION
2D	STANDARD & EXTRA STRENGTH R.C. PIPE	2E	STANDARD & EXTRA STRENGTH R.C. PIPE
2-13	PLAN & PROFILE STA 545+45.0 TO 545+32.5	2-4	PLAN & PROFILE STA 689+32.5 TO 512.803+68.6
14-16	SUMMARY SHEETS	5-7	SUMMARY SHEETS
7-8G1	CROSS SECTIONS	8-47	CROSS SECTIONS

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT
PLAN AND PROFILE PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT

INDEX OF SHEETS
WYOMING PROJECT NO. F-158 (9), F-219 (3) & F-188 (15)

SHEET NO.	TITLE SHEET
1	TITLE SHEET
2C	SIGNS FOR USE ON CONSTRUCTION
2-3	SUMMARY

LENGTH IN MILES	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SECTION	SHEET NO.	TOTAL SHEETS
13.058	13.010	WYO	F-188		1	3
2.165	2.165	WYO	F-219		1	3
0.453	0.453	WYO	F-158		1	3

PLAN, 1 IN. = 200 FT.
SCALES PROFILE, HOR. 1 IN. = 200 FT.; VER. 1 IN. = 20 FT.
LAYOUT, 1 IN. = 1 MILE
NOTE: SPECIFICATIONS FOR IMPROVEMENTS PROPOSED IN THE FOLLOWING PLANS NOW ON FILE WITH PUBLIC ROADS ADMINISTRATION

INDEX OF STRUCTURE SHEETS
WYO. PROJ. NO. F-219 (2)

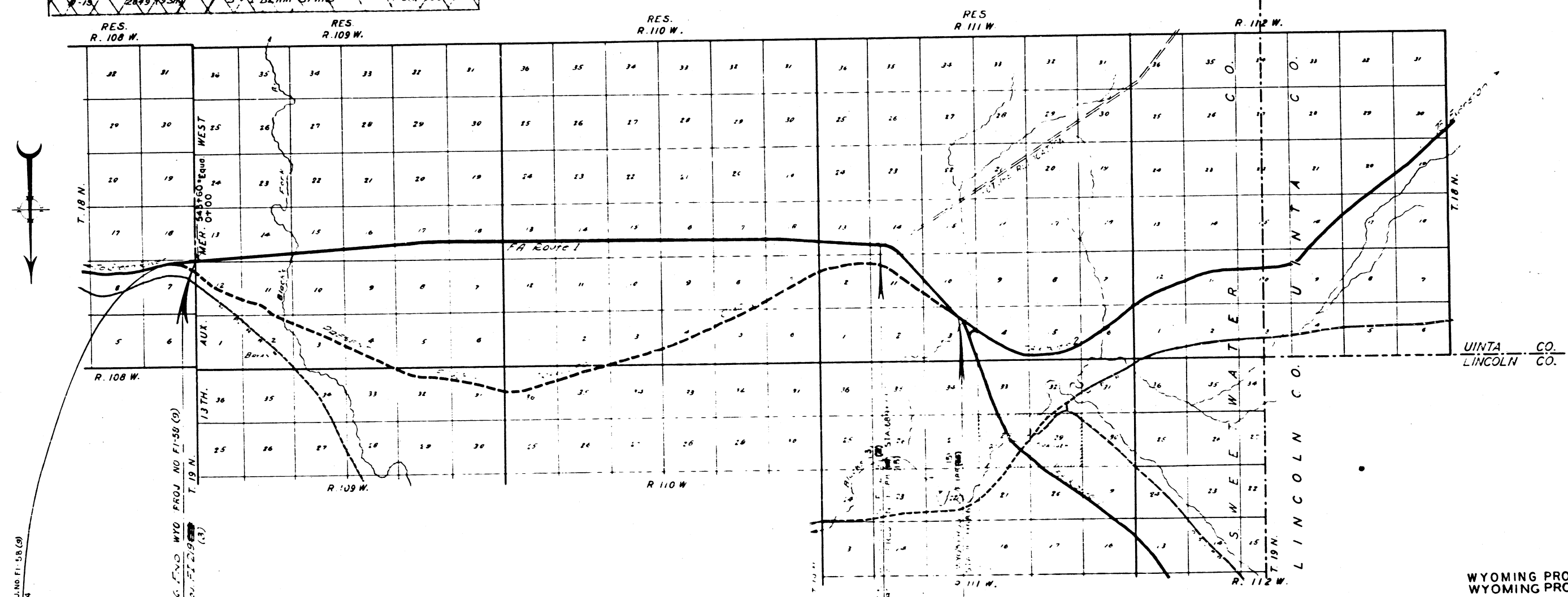
SHEET NO.	DRWG. NO.	STRUCTURE	STA.
1-2	2050	TABLE 10-7.63' R.C. CULVERT	STA 415+00
3	2051	5' x 7' 5" R.C. CULVERT	STA 259+67
4	2052	5' x 7' 5" R.C. CULVERT	STA 41+00
5	2053	5' x 7' 5" R.C. CULVERT	STA 286+00
6	2054	5' x 7' 5" R.C. CULVERT	STA 330+00
7	2055	5' x 7' 5" R.C. CULVERT	STA 389+00
8	2056	5' x 7' 5" R.C. CULVERT	STA 597+30
9	2057	5' x 7' 5" R.C. CULVERT	STA 689+00
10	2058	5' x 7' 5" R.C. CULVERT	STA 100+82
11	2059	5' I-BEAM SPANS	

SWEETWATER COUNTY
GRANGER JCT.-GREEN RIVER & KEMMERER ROADS

INDEX OF STRUCTURE SHEETS
WYO. PROJ. NO. F-188 (14)

SHEET NO.	DRWG. NO.	STRUCTURE	STA.
1	2057	4' x 22' x 55' R.C. CULVERT	STA 787+60
2	2058	DBL 5' x 3' x 55' R.C. CULVERT	STA 172+10
3	2059	DBL 5' x 3' x 46' R.C. CULVERT	STA 719+00

SHEET 1 OF DWG. 2049 TO ACCOMPANY GRADING PLANS.

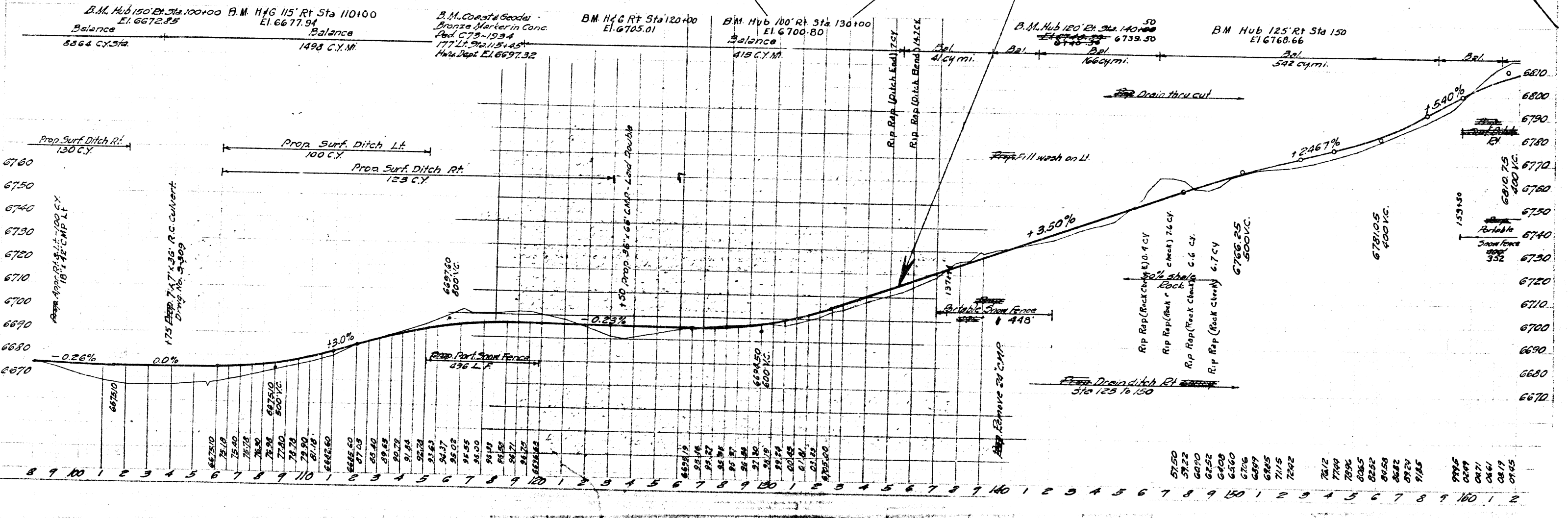
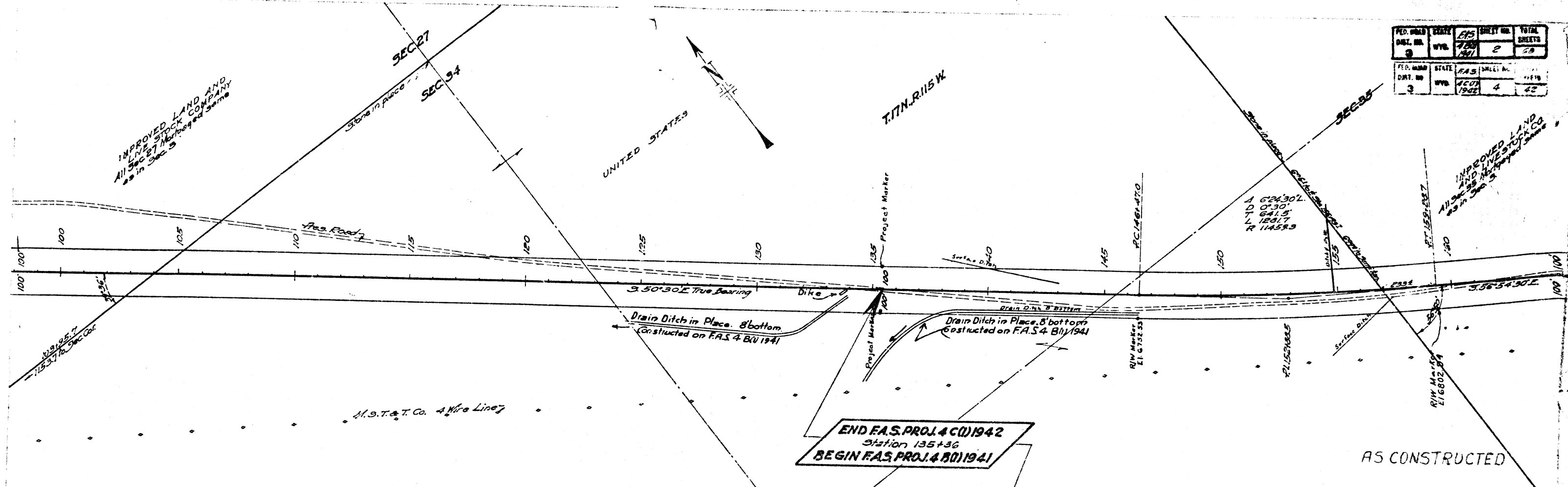


REG. WYO PROJ. NO. F-158 (9) STA. 519+51.4
WYO PROJ. NO. F-158 (9) 0.453 Mi.
WYO PROJ. F.I. 219 (3)
13.010 Miles - Roadway
0.048 Miles - Bridge - No Work
13.058 Miles - Total
WYO PROJ. NO. F-188 (15) STA. 719+00

WYOMING PROJECT NO. F-158 (9)
WYOMING PROJECT NO. F-188 (15)
WYOMING PROJECT NO. F-219 (3)
APPROVED May 16, 1947

J. R. Bromberg
RECOMMENDED FOR APPROVAL
John D. Selig
APPROVED JUN 11 1947
B. W. Matteson, District Engineer
APPROVED
Edna S. Leonard, Design Engineer

FED. ROAD DIST. NO.	STATE	F.A.S. DIST. NO.	SHEET NO.	TOTAL SHEETS
3	W.V.	120	2	28
FED. ROAD DIST. NO.	STATE	F.A.S. DIST. NO.	SHEET NO.	TOTAL SHEETS
3	W.V.	120	4	42



B.M. Hub 150' Et. Sta. 100+00 B.M. H/G 115' Rt Sta 110+00
 Balance El. 6672.85 Balance El. 6677.94
 8864 C.Y. Sta. 1498 C.Y. M.

B.M. Const's Geodesi - Bronze Marker in Conc. Pad C 75-1934
 177' Lt. Sta. 115+45
 H/W Dept. El. 6697.32

B.M. H/G Rt Sta 120+00 El. 6705.01

B.M. Hub 100' Rt Sta 130+00 El. 6700.80
 Balance 415 C.Y. M.

B.M. Hub 120' Et. Sta. 140+00 El. 6739.50
 Balance 6748.38

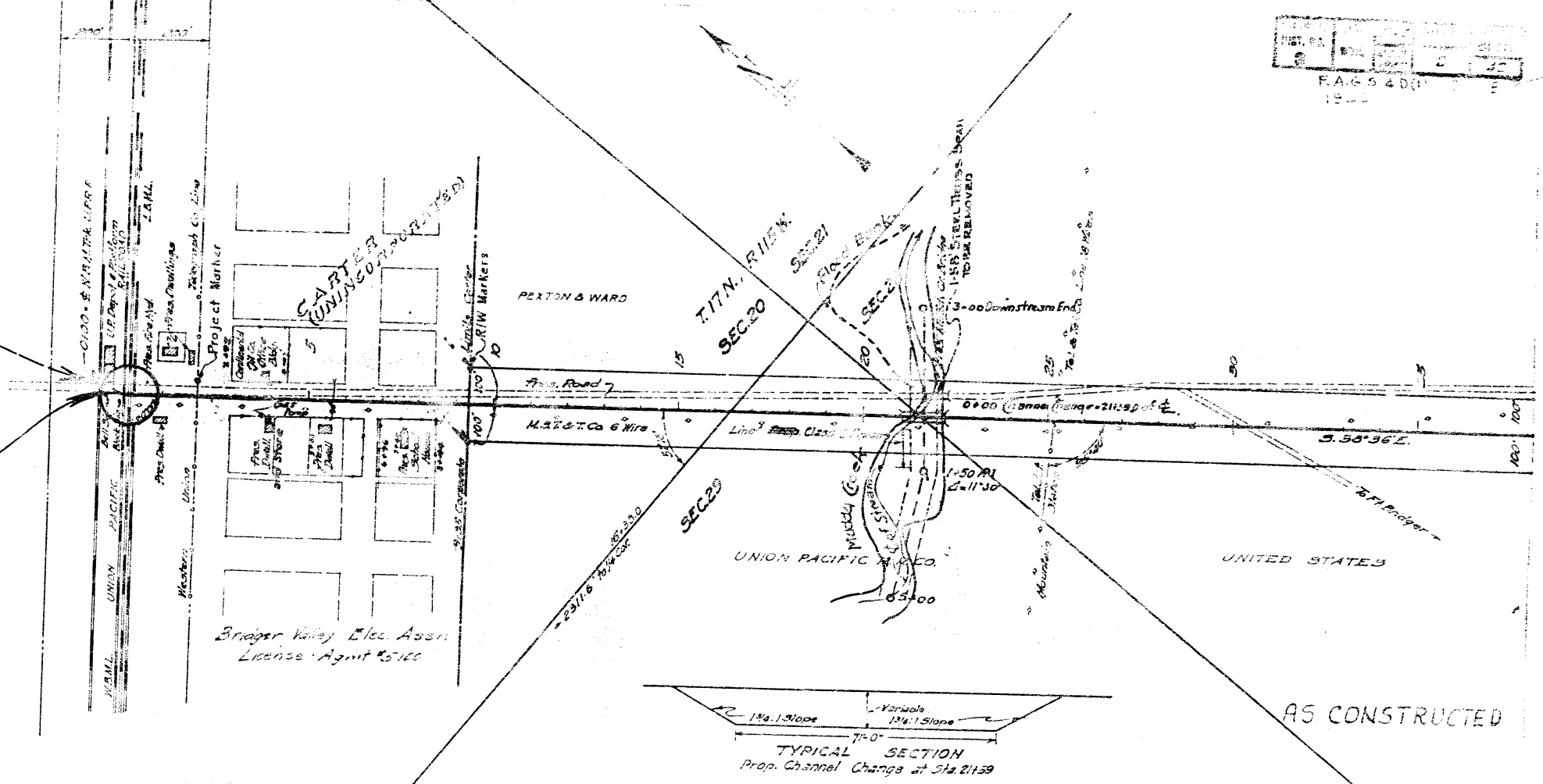
B.M. Hub 125' Rt Sta 150 El. 6768.66
 Balance 542 C.Y. M.

AS CONSTRUCTED

BELL AND SEMAPHORE SIGNAL TO BE REMOVED AND CROSSING ADJUSTED BY RAILROAD FORCE'S UNDER FLASHING LIGHT PROJECT FA.G.S. 4D(1) 1942

PROP. FLASHING LIGHT PROJECT
FA.G.S. 4D(1) 1942

BEGIN F.A.S. PROJ. 4 C(1) 1942
Station 0100



GENERAL NOTES

MOUNTAIN STATES TELEPHONE AND TELEGRAPH CO. LINES BETWEEN STATIONS 0100 AND 52+00 WILL NOT BE REMOVED BY THE CONTRACTOR BUT WILL BE MOVED AND ADJUSTED ON CONSTRUCTION BY THE MOUNTAIN STATES TELEPHONE AND TELEGRAPH CO. AT NO COST TO THE STATE AND PUBLIC ROADS ADMINISTRATION.
Width of Right of Way 200ft. unless otherwise shown on plans.

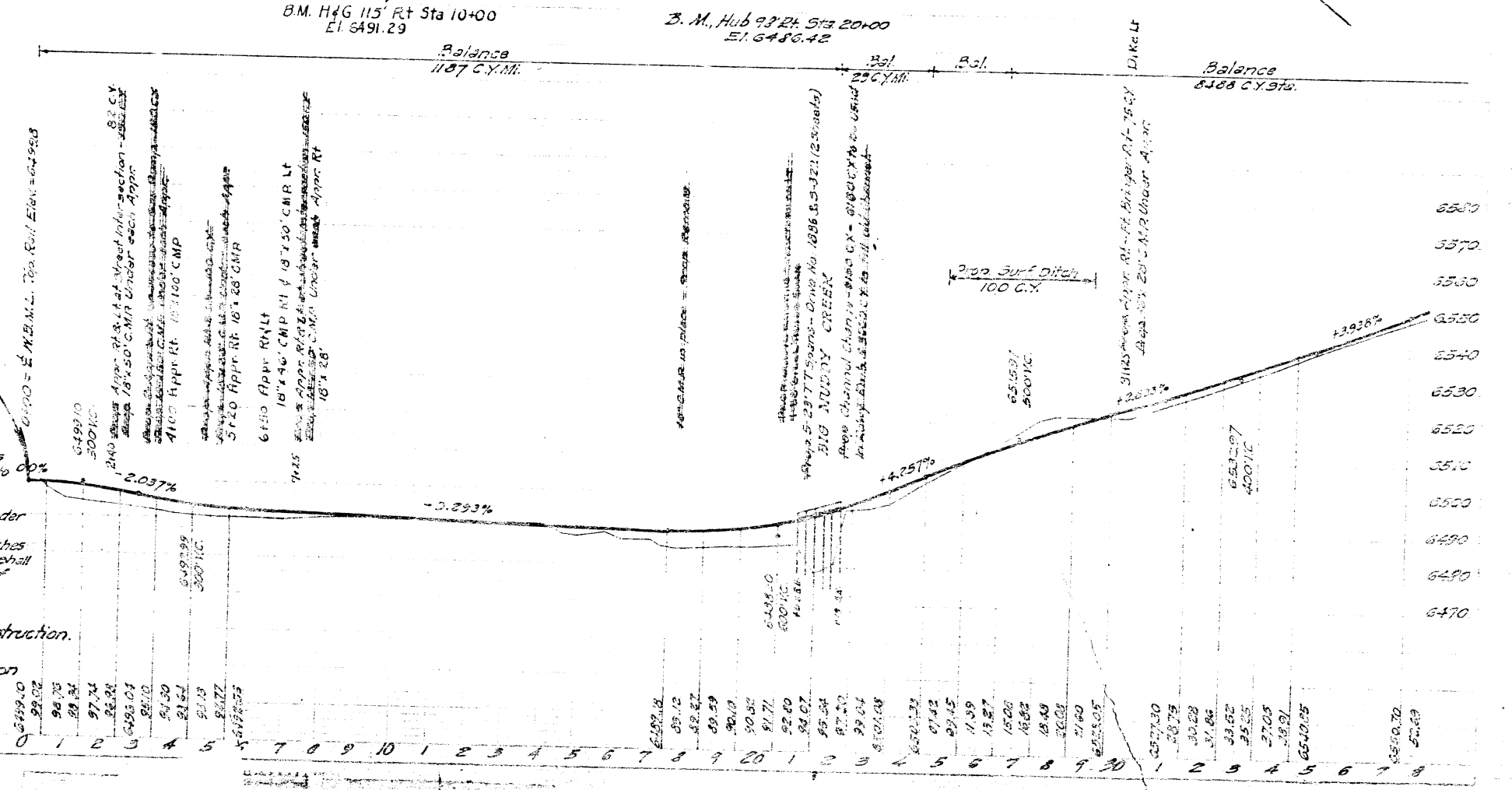
- Maximum Curvature = 2°
- Minimum Sight Distance Vertical = 600ft.
- Sup. Elev. per foot per degree = 0.0167
- Width of Roadbed = 26ft.
- Slopes on fills:
 - 0 to 3' = 5:1
 - 3 to 6' = 4:1
 - 6 to 10' = 3:1
 - 10 to 15' = 2:1
 - Over 15' = 1 1/2:1

Use Standard Fill Section shown on sheet No. 2a.

THE ABOVE ARE GENERAL STANDARDS. STAKE JOB ACCORDING TO PLATTED SECTIONS.
Bottom of cut ditches to be 15' below shoulder elevation.
Surface or cutoff ditches to be carried above all cuts and they will be built to the size and at all locations where directed by the Engineer. These ditches will be located so as to catch the water before it reaches the face of the cut and they shall be carried away from the cut on contour grades so as to eliminate the possibility of erosion.
Earth dikes will be constructed at ends of pipe culverts where directed by the Engineer. Where possible these dikes will be constructed so as to serve as turnouts.
End of pipe culverts to be protected by riprap where Engineer deems it advisable. Outlet ditches will be constructed to take water from culverts where necessary.
Road approaches will be constructed at all locations shown on plans or where directed by the Engineer. Road approaches will be built to provide access to the highway for all adjacent land owners and also where necessary to make proper connections to existing side roads. All road approaches and dikes shall be constructed with same rate of side slope on fills as is used on the adjacent roadway cross-sections.
Payment for surface or cutoff ditches, outlet ditches, earth dikes and road approaches will be made as provided for under Section 502, "Roadway and Drainage Excavation", 1941 Standard Specifications.
Rock Checks shall be placed in cut ditches to prevent erosion at locations where directed by the Engineer. Cut ditches shall be trenched and excavated so that after placing the top of the dike will be flush with the borrow pit grade. Excavation shall be taken out and the rock checks shall be of size and built to the lines and grades staked by the Engineer. 25 cu yds of crushed Riprap have been set up on plans to cover this work for which payment will be made in accordance with Section 504, "Crushed Riprap", 1941 Standard Specifications.

NOTE: All work to be done in accordance with 1941 Standard Specifications for Road and Bridge Construction.

The State Highway Department assumes no responsibility for accuracy of Rock Classification shown on plans.



6193.10
300' H.C.
2' AD Slope Appr. at Sta. 11+41 at Street Inter-section - 82.2 C.Y.
18" x 18" C.M.R. Under each Appr.
4100 Appr. at Sta. 10+00
18" x 18" C.M.R. Under each Appr.

6150 Appr. R/W
18" x 18" C.M.R. Under each Appr.
18" x 18" C.M.R. Under each Appr.

6145
18" x 18" C.M.R. Under each Appr.
18" x 18" C.M.R. Under each Appr.

6140
18" x 18" C.M.R. Under each Appr.
18" x 18" C.M.R. Under each Appr.

6135
18" x 18" C.M.R. Under each Appr.
18" x 18" C.M.R. Under each Appr.

6130
18" x 18" C.M.R. Under each Appr.
18" x 18" C.M.R. Under each Appr.

6125
18" x 18" C.M.R. Under each Appr.
18" x 18" C.M.R. Under each Appr.

6580.0	6575.0	6570.0	6565.0	6560.0	6555.0	6550.0	6545.0	6540.0	6535.0	6530.0	6525.0	6520.0	6515.0	6510.0	6505.0	6500.0	6495.0	6490.0	6485.0	6480.0	6475.0	6470.0
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INDEX OF SHEETS
WYO. PROJECT NO. F.I. 219(5)

SHEET NO.	DESCRIPTION
1	Title Sheet
20	Signs for Use on Construction
2L	Portable Field Laboratory Building
2	Typical Sections
3	Summary
4	Intersection Detail

INDEX OF STRUCTURE SHEETS
PROJECT NO.

SHEET NO.	DRWNG. NO.	STRUCTURE

STATE OF WYOMING
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

SWEETWATER COUNTY
AND
UINTA COUNTY

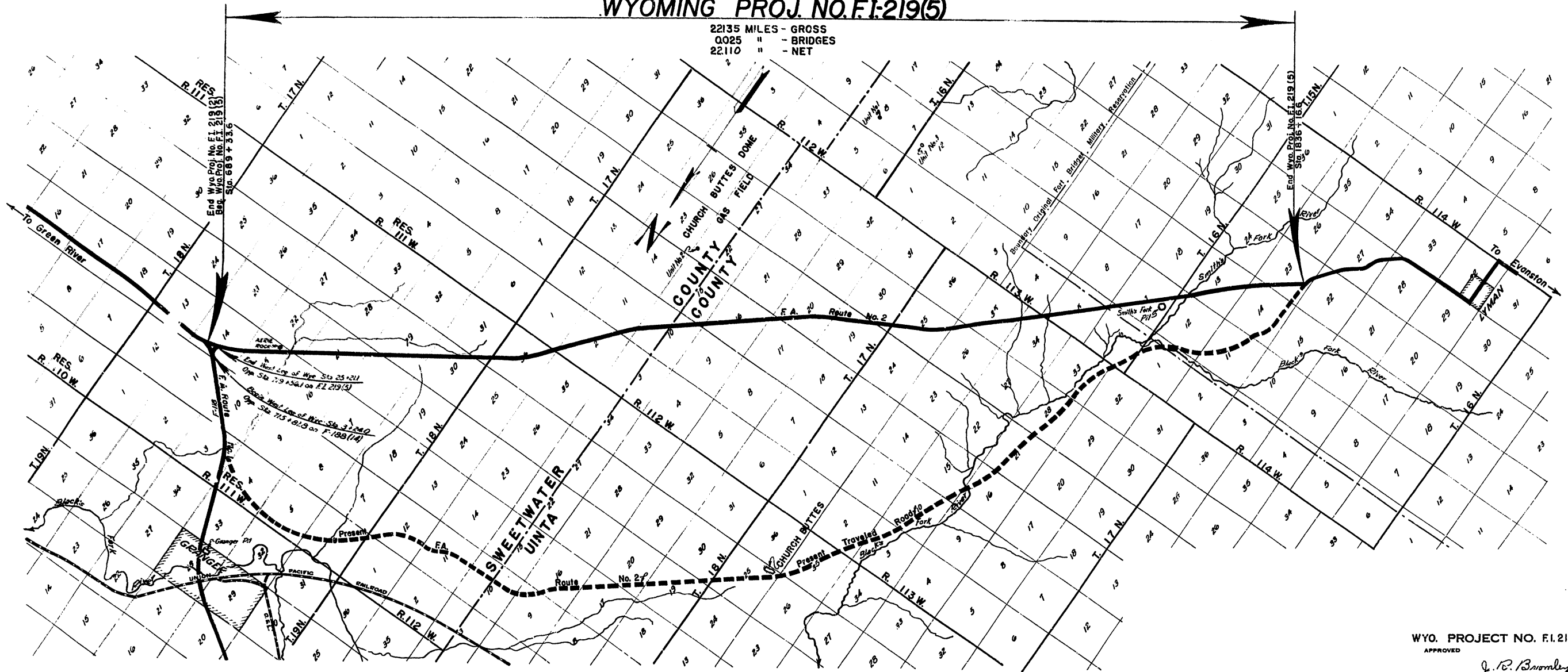
LYMAN - GRANGER JCT. ROAD
WYOMING PROJ. NO. F.I. 219(5)

LENGTH IN MILES		F. N. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SECTION	SHEET NO.	TOTAL SHEETS
GROSS	22135	3	WYO.	F.I. 219(5)		1	4
NET	22110	3	WYO.	F.I. 219(5)			

PLAN, 1 IN. = 200 FT.
PROFILE, HOR. 1 IN. = 200 FT.; VER., 1 IN. = 20 FT.
LAYOUT, 1 IN. = 1 MILE

NOTE: SPECIFICATIONS FOR IMPROVEMENTS PROPOSED IN THE FOLLOWING PLANS NOW ON FILE WITH PUBLIC ROADS ADMINISTRATION

22135 MILES - GROSS
0025 " - BRIDGES
22110 " - NET



WYO. PROJECT NO. F.I. 219(5)

APPROVED
J. R. Bromley
STATE HIGHWAY SUPERINTENDENT
March 3, 1949

RECOMMENDED FOR APPROVAL
DISTRICT ENGINEER, PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED
DIVISION ENGINEER, PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY