

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED

BRIDGE & APPROACHES

GILLS COULEE ROAD

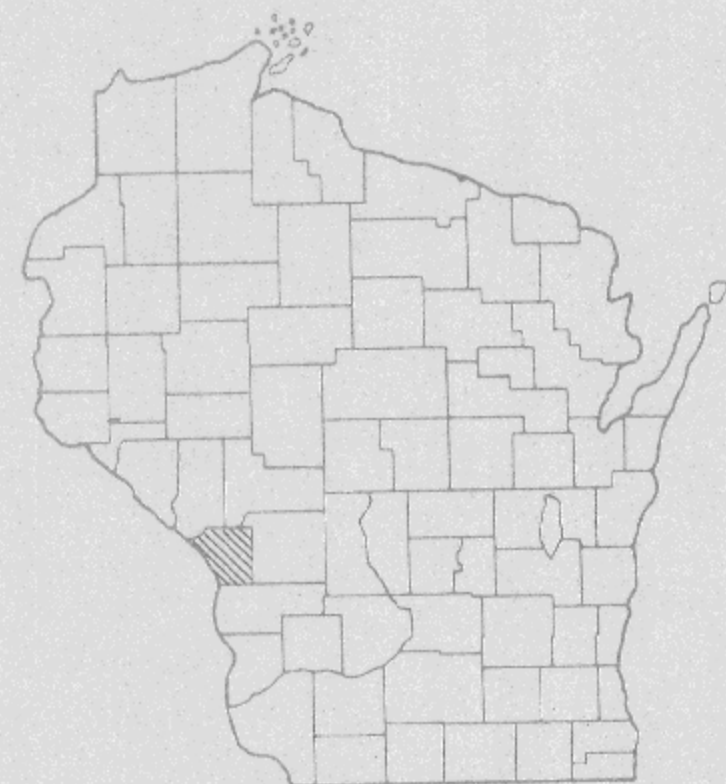
LA CROSSE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7270-04-71		

INDEX OF SHEETS

SHEET NO.	TITLE
SHEET NO.	TYPICAL CROSS SECTIONS
SHEET NO.	CONSTRUCTION CENTERLINE TIES
SHEET NO.	CONSTRUCTION DETAILS
SHEET NO.	ESTIMATE OF QUANTITIES
SHEET NO.	MISCELLANEOUS QUANTITIES
SHEET NO.	PLAT OF RIGHT OF WAY
SHEET NO.	PLAN & PROFILE - PAVING, STORM SEWER
SHEET NO.	STRUCTURE PLANS
SHEET NO.	CROSS SECTIONS

TOTAL SHEETS



STATE PROJECT NUMBER
7270-04-71

PLAN 1" = 50'
PROFILE HOR. 1" = 50' VERT. 1" = 5'
CROSS SECTIONS HOR. 1" = 5' VERT. 1" = 2'
DITCH SECTIONS HOR. 1" = 20' VERT. 1" = 4'



Design Designation

1979 A.D.T.	= 100
1999 A.D.T. (PROJECTED)	= 160
D.H.V.	= 15
K.	= 15 %
D.	= 60 - 40 %
T.	= 6 %
V.	= 55 M.P.H.

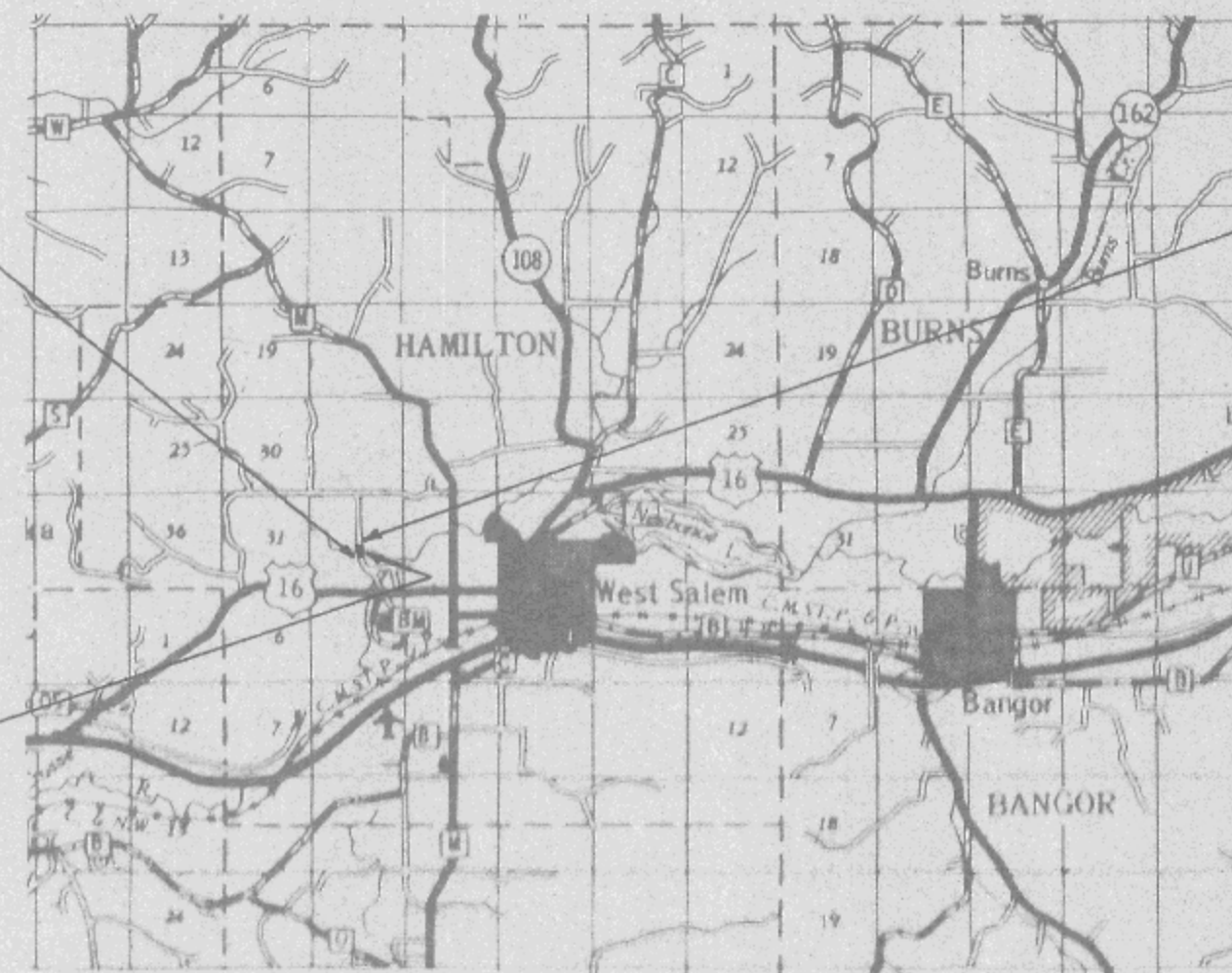
BEGIN PROJECT 7270-04-71

STA. 59+00
N = 696,960 (± 200')
E = 1,704,375 (± 200')
2480' S. & 2640' W. OF NE. COR.
SEC. 32, T16N, R6W

END PROJECT 7270-04-71

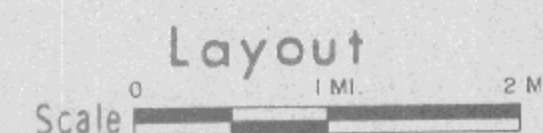
STA. 61+00
N = 697,160 (± 200')
E = 1,704,375 (± 200')
2280' S. & 2640' W. OF NE. COR.
SEC. 32, T16N, R6W

STRUCTURE
STA. 59+91 - 60+09



Conventional Signs

State Line	-----	Culverts in Place	-----
County Line	-----	Culverts Required	-----
Township or Range Line	-----	Drop Inlet	-----
Section Line	-----	Power Pole	-----
New Right of Way Line	-----	Telephone or Telegraph Pole	-----
Present Right of Way Line	-----	Right of Way Markers	-----
Wire Fence	-----	Reference Stake for Hubs Only	-----
Woven	-----	Marsh	-----
Barbed	-----	Hedge	-----
Lot Line	-----	Trees	-----
Corporate or City Limits	-----	Ground Elevation	Datum Line 73.9
Property Line	-----	Grade Elevation	Datum Line 76.6
Traveled Way or P. E.	-----		
Railroads	-----		
Base or Survey Line	-----		



Total Net Length of Centerline = 0.038 Mi.

NOTE:
ALL COORDINATES SHOWN ON THIS PLAN
ARE REFERENCED TO THE WISCONSIN
COORDINATE SYSTEM, NORTH ZONE, SCALED
FROM U. S. G. S. TOPOGRAPHIC MAP,
SPRINGBROOK, WISCONSIN QUADRANGLE
FOR IDENTIFICATION.

SUBMITTED BY _____ DATE _____
ORIGINAL PLANS PREPARED BY
DONOHUE & ASSOCIATES, INC.
SHEBOYGAN, WISCONSIN
Recommended For Approval

Engineer
Date _____

APPROVED FOR TOWN OF HAMILTON

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

Surveyor _____ District Checker _____
Designer _____ C.O. Checker _____
District Supervisor _____ C.O. Monitor _____

Correct:
Date _____ District Engineer _____
Recommended for Approval:

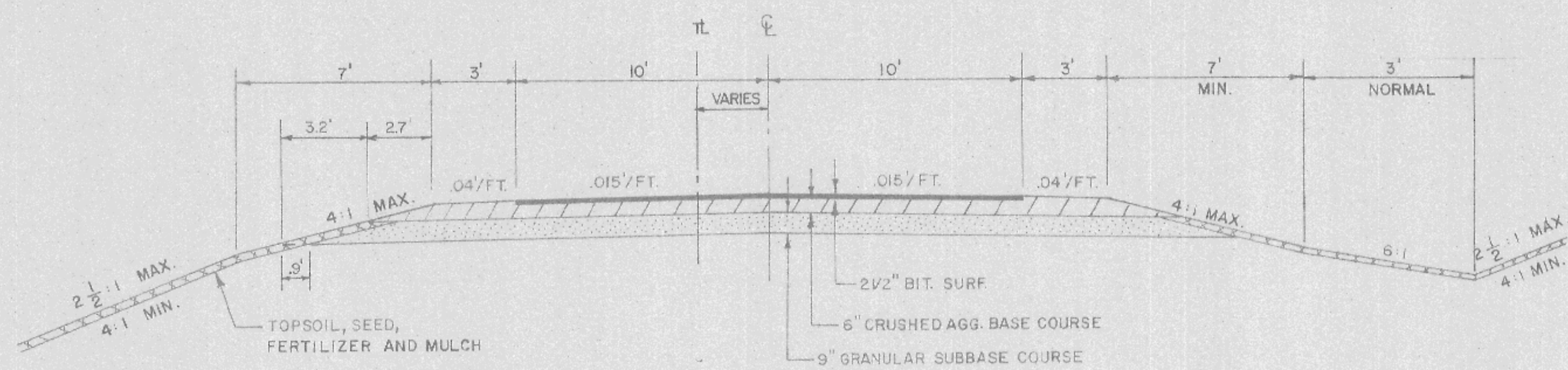
Date _____ Chief of Facilities Development _____
Approved:

Date _____ State Highway Engineer _____

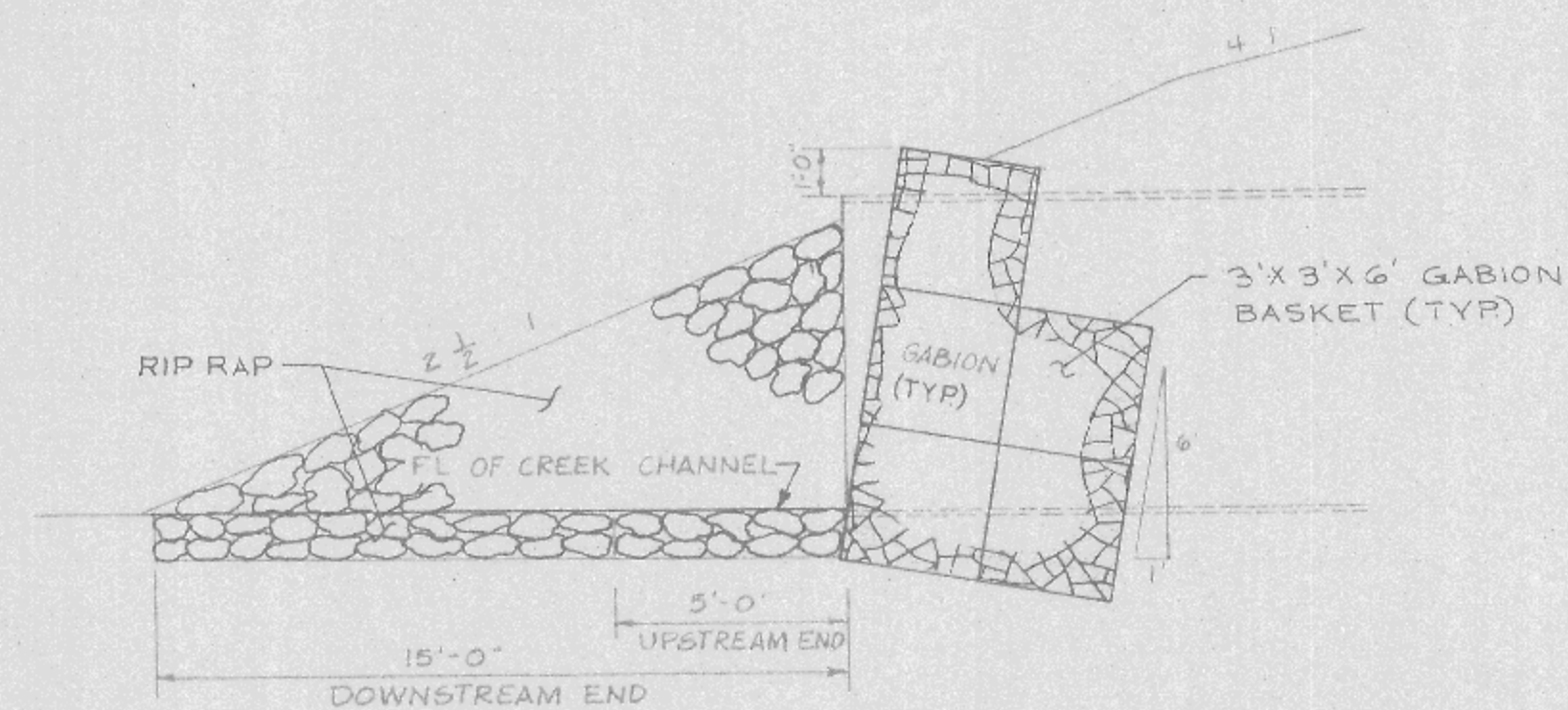
US DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 5 WISCONSIN DIVISION

Approved _____
Date _____ Division Engineer _____

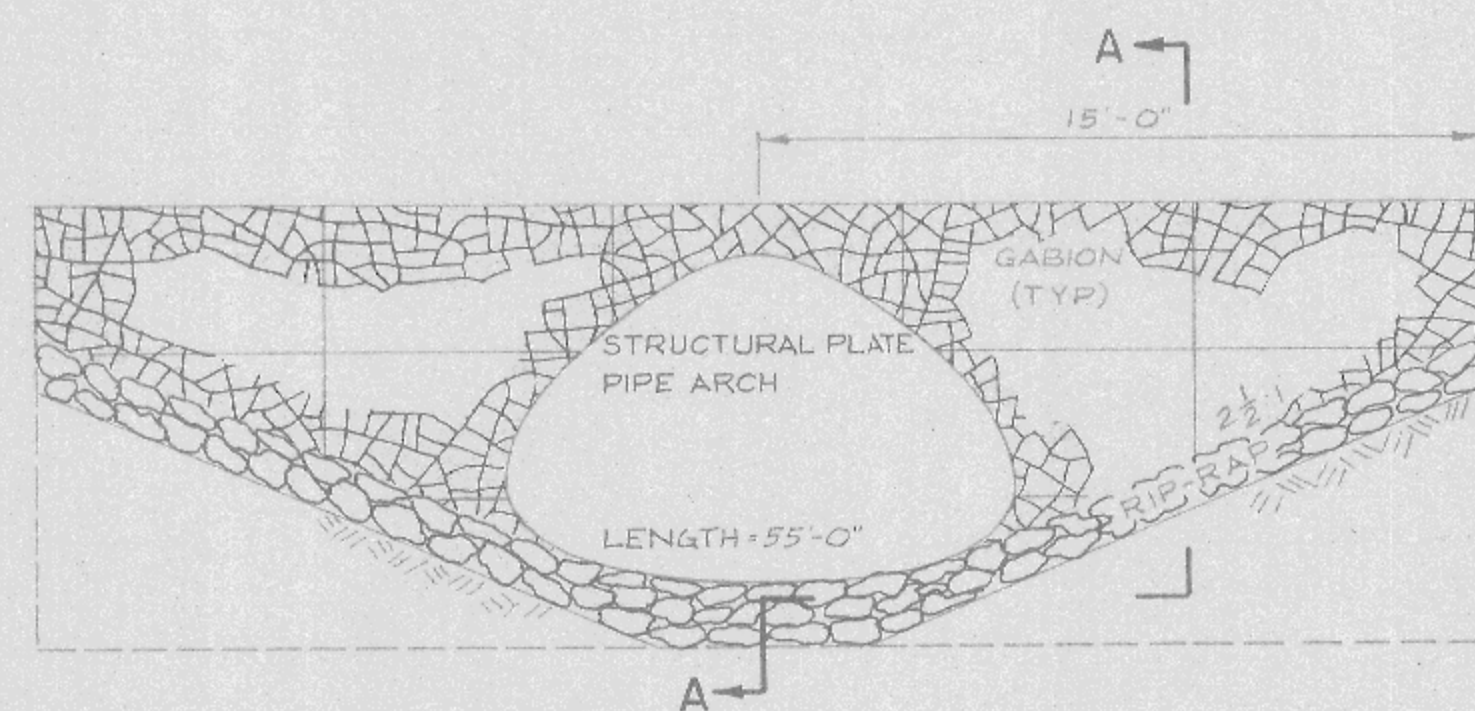
#527



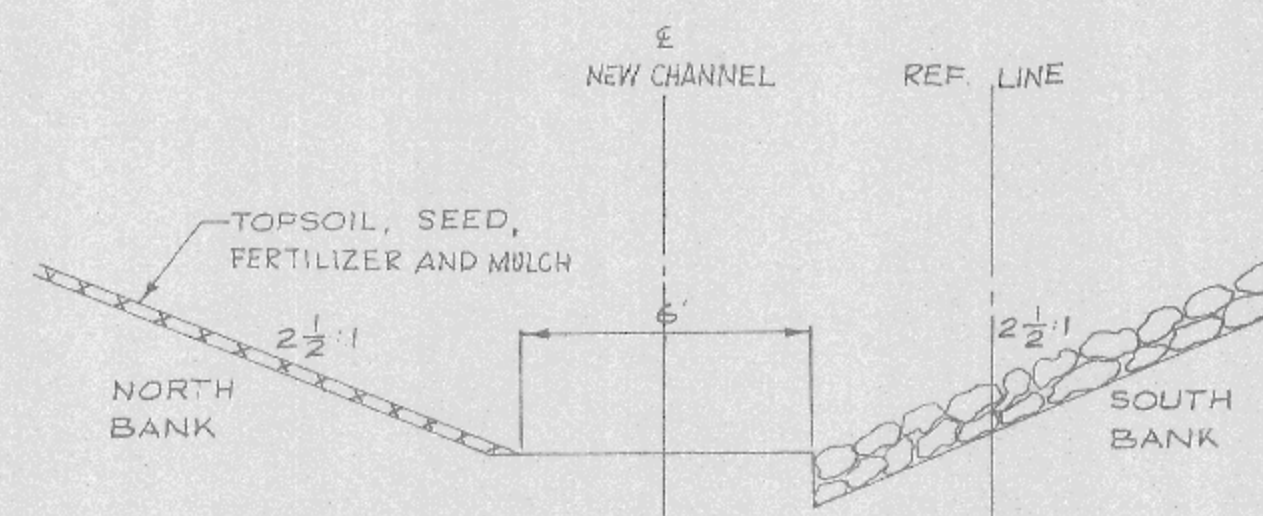
TYPICAL SECTION



SECTION A-A



GABION ENDWALL DETAIL



TYPICAL CHANNEL CHANGE SECTION

GENERAL NOTES

1. Details of construction not shown on this drawing shall conform to the requirements of the Standard Specifications and the applicable Special Conditions.
2. Where the quantity of base or surface course is measured for payment by the ton, the depth or thickness of the course as shown on the plans is approximate and the actual thickness will depend upon the distribution of the material as directed by the Engineer.
3. When placing new bituminous surfacing adjacent to existing bituminous surfacing, a sufficient amount of the existing surfacing shall be removed to allow the new surfacing to form a butt joint full depth of mat.
4. Salvaged top soil shall be placed on slopes to the point of intercept with original ground shown on the cross sections, to a depth of 3 inches at the time of placement. All disturbed areas exclusive of the roadbed are to be seeded and fertilized as directed by the Engineer.
5. Seed mixture #1 shall be used.
6. The structural plate pipe arch shall be constructed and installed as described in Section 927 of the Standard Specifications. A uniform blanket of granular material shall cover the shaped pipe bedding to a depth sufficient to allow the corrugations to become filled with material.
7. All evidence of the existing structure is to be removed and disposed of by the Contractor including, but not limited to, concrete deck, structural steel girders, stone abutment, and handrails.
8. All existing fencing within the right of way and project limits shall be removed as necessary to facilitate the construction. Removal fencing will be replaced by others.
9. Utility companies will adjust or remove all privately owned facilities which interfere with the construction.
10. Utility structures have been located on these plans. These locations shall not be taken as conclusive. Verification as to the location to the satisfaction of the contractor of all underground utilities, whether shown on the plans or not, shall be assumed as a condition of the contract.
11. All riprap shall be "heavy riprap".
12. Erosion mat shall be placed in ditches where indicated with a minimum width of 48".

- LIST OF STANDARD DETAIL DRAWINGS
- 882-1 - Structural plate pipe arch
 - 15C1-4 - Construction barricade and standard signs
 - 8E7-1 - Erosion Mat

PUBLIC UTILITIES

Northern States Power Co.
Box 188
Sparta, WI 54646
Attn: Mr. Ralph Hager
(608) 269-2121

Northern Natural Gas Co.
Drawer A
Owatonna, Minn. 55060
Attn: Mr. Wayne D. Sweet
(507) 451-7660

LaCrosse Telephone Corp.
206 5th Avenue
LaCrosse, WI
(608) 782-9980

ESTIMATE OF QUANTITIES

CONTRACT NO.

STATE PROJECT NUMBER 7270-04-71	SHEET NO.
------------------------------------	-----------

CONTRACT NUMBER	STATION TO STATION	NET LENGTH OF CENTER LINE	REMOVE FENCE	EXCAVATION							CRUSHED AGGREGATE BASE COURSE	CONCRETE BASE COURSE			SINGLE AGGREGATE BITUMINOUS SURFACE	BITUM. MAT FOR SURFACE COURSE	HEAVY RIP-RAP	ANCH. FOR STEEL BEAM GUARD	STEEL PLATE BEAM GUARD CLASS A	EROSION MAT	MOBI-LIZATION	LAND MARK REFERENCE MONUMENTS	MULCHING	SALVAGED TOP-SOIL	FER-TIL-IZER	SEEDING														
				UNCLASS-IFIED	ROCK	MARSH	BORROW	GRANULAR SUBBASE COURSE 9"	FIN-ISHING ROAD WAY	OBLIT-ERATING OLD ROAD																														
				20412	20503	20502	20505	20801	21220	21301		21401	30403															40601	40602	60602	61406	61408	62802	61910	62101	62702	62505	62901	63002	
UNIT	LINFT.	L.F.	C.Y.	C.Y.	C.Y.	C.Y.	S.Y.	L.S.	STA.	C.Y.	S.Y.	S.Y.	TON	TON	C.Y.	EA.	L.F.	S.Y.	L.S.	EACH	C.Y.	S.Y.	CWT.	LB.																
	59+00 TO 61+00	200	350	452			349	408						58													34	2	63				256				9416	9416	6	381

CULVERTS (STRUCTURES 20 FT. & UNDER)													
REMOVE OLD CULVERT STA 60+00	EXCA-VATION FOR STRUCTURES	GRANULAR BACK-FILL	CON-CRETE MASONRY	BAR STEEL REINF.	STRUCTURAL CARBON STEEL	TRT'D LUMBER AND TIMBER	UNTR'D TEST PILING	TREATED TIMBER PILING		STRUCT PLATE PIPE ARCH 11' SPAN	GABION END-WALLS	SLOPE STABIL FABRIC	
								DELIV-ERED	DRIV-EN				
20301	20602	20901	50401	50502	50601	50702	50801	50816	50820	52726	90002		
L.S.	C.Y.	C.Y.	C.Y.	LB.	LB.	M.B.M.	L.S.	L.F.	L.F.	L.F.	C.Y.		
1	20	370								56	74		186

TOPSOILING, SEEDING AND MULCHING

STATION TO STATION	LOCATION	S.Y.
59+00 61+00	TRANSIT LINE (ROAD)	
	L.	2629
59+00 61+00	R.	4507
	REFERENCE LINE (CREEK CHANNEL)	
0+27 1+50	L.	6350
	R.	4896

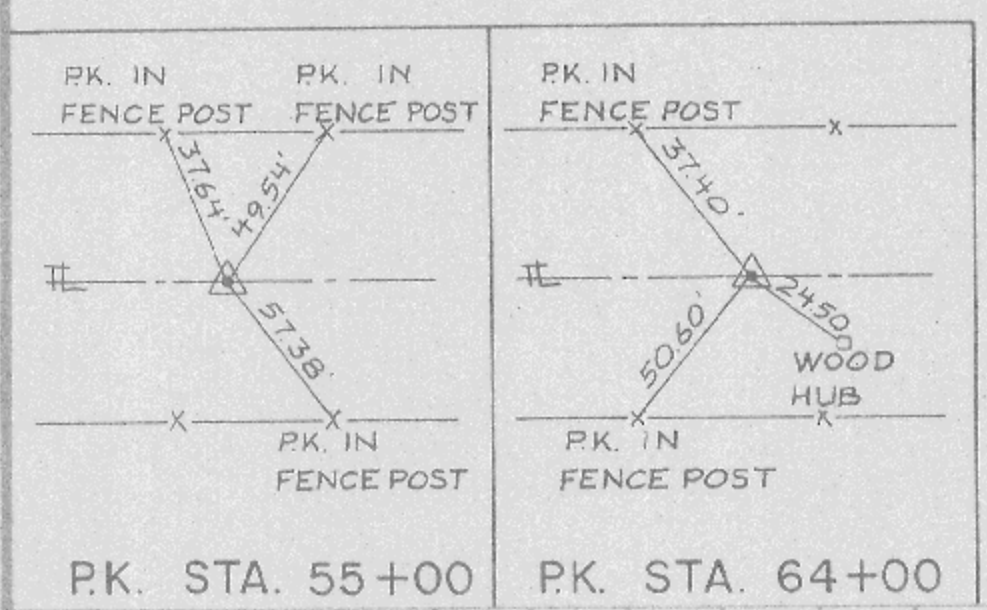
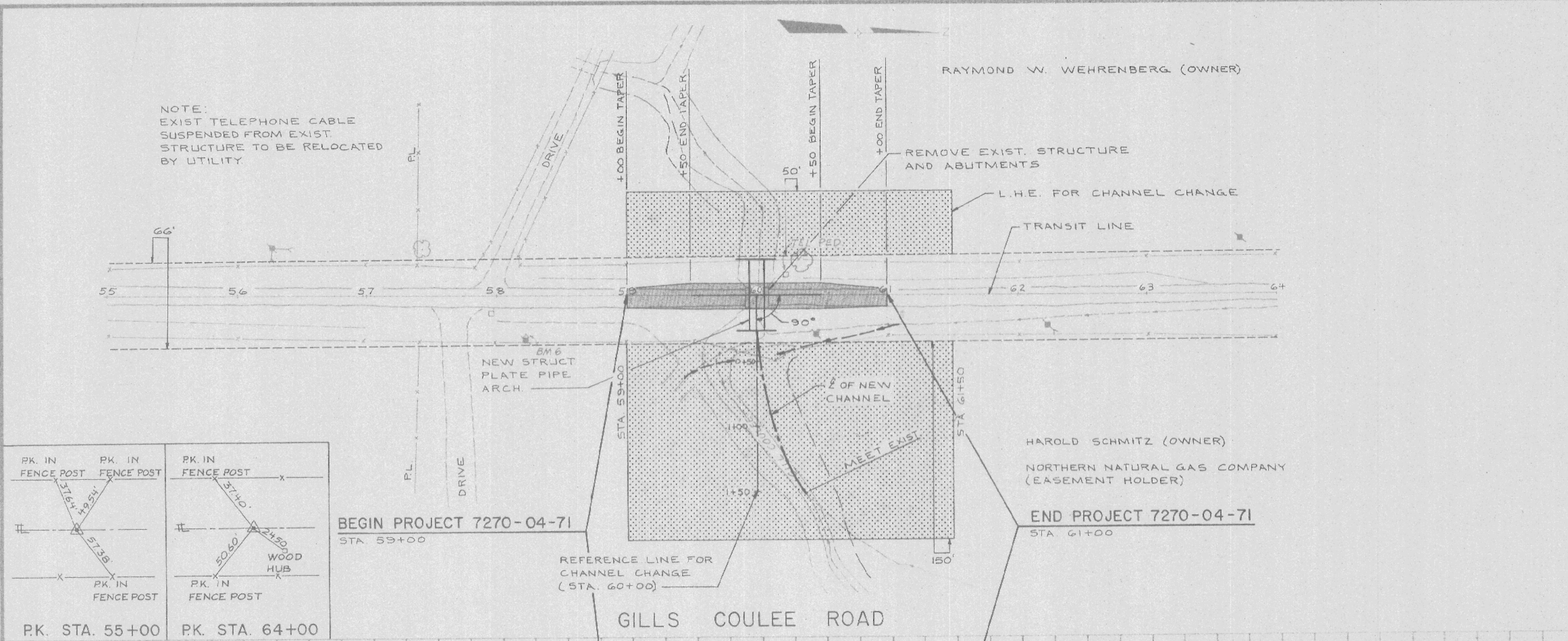
EROSION MAT

STATION TO STATION	LOCATION	S.Y.
59+25 59+90	R.	29
	L.	29
59+10 61+00	R.	40
	L.	40

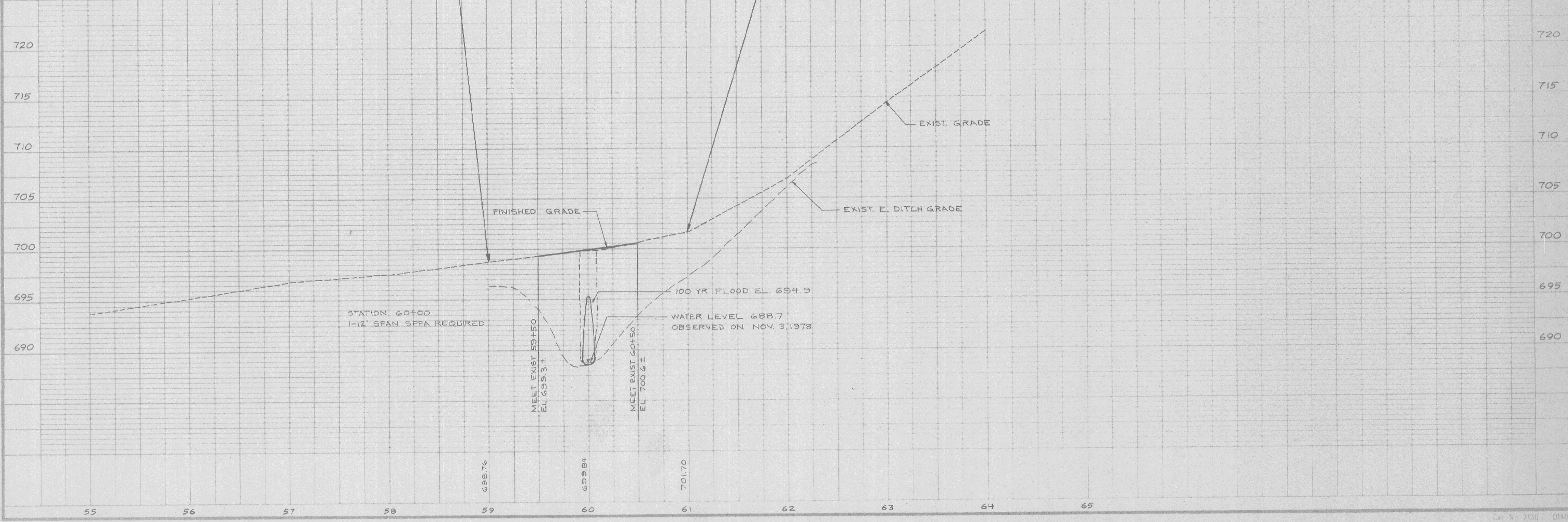
HEAVY RIPRAP AND SLOPE STABILIZING FABRIC

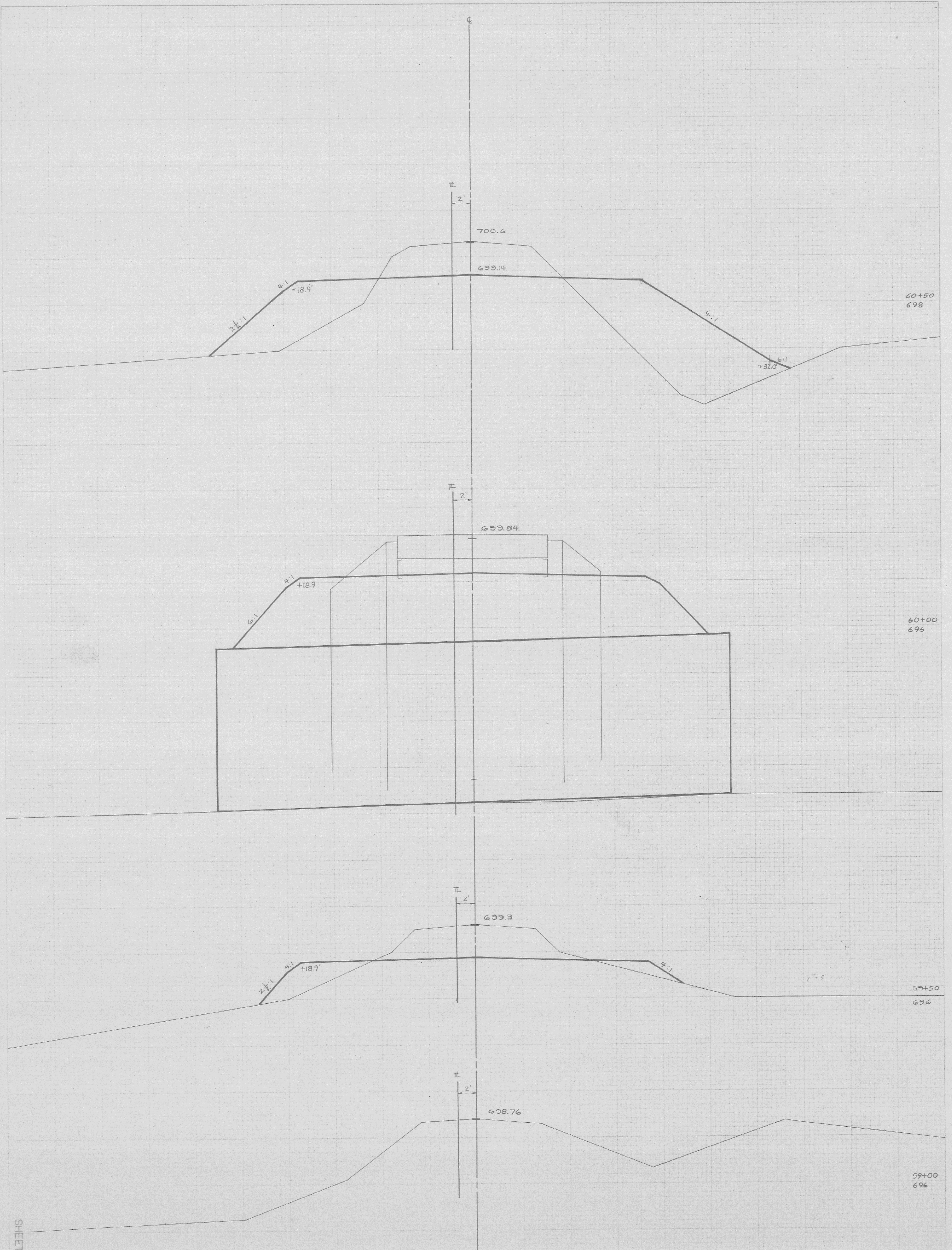
STATION TO STATION	LOCATION	(S.Y.) FABRIC	(C.Y.) RIPRAP
0+27 0+50	R.	68	26
	L.	22	7
0+50 1+00	R.	25	8
	L.		
60+00	AT PIPE ENDWALLS		
	L.	48	16
	R.	23	8

STATE PROJECT NUMBER	SHEET NO.
7270-04-71	



BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
6	58+21	SPIKEIN POWER POLE 34' E. OF TL	698.77



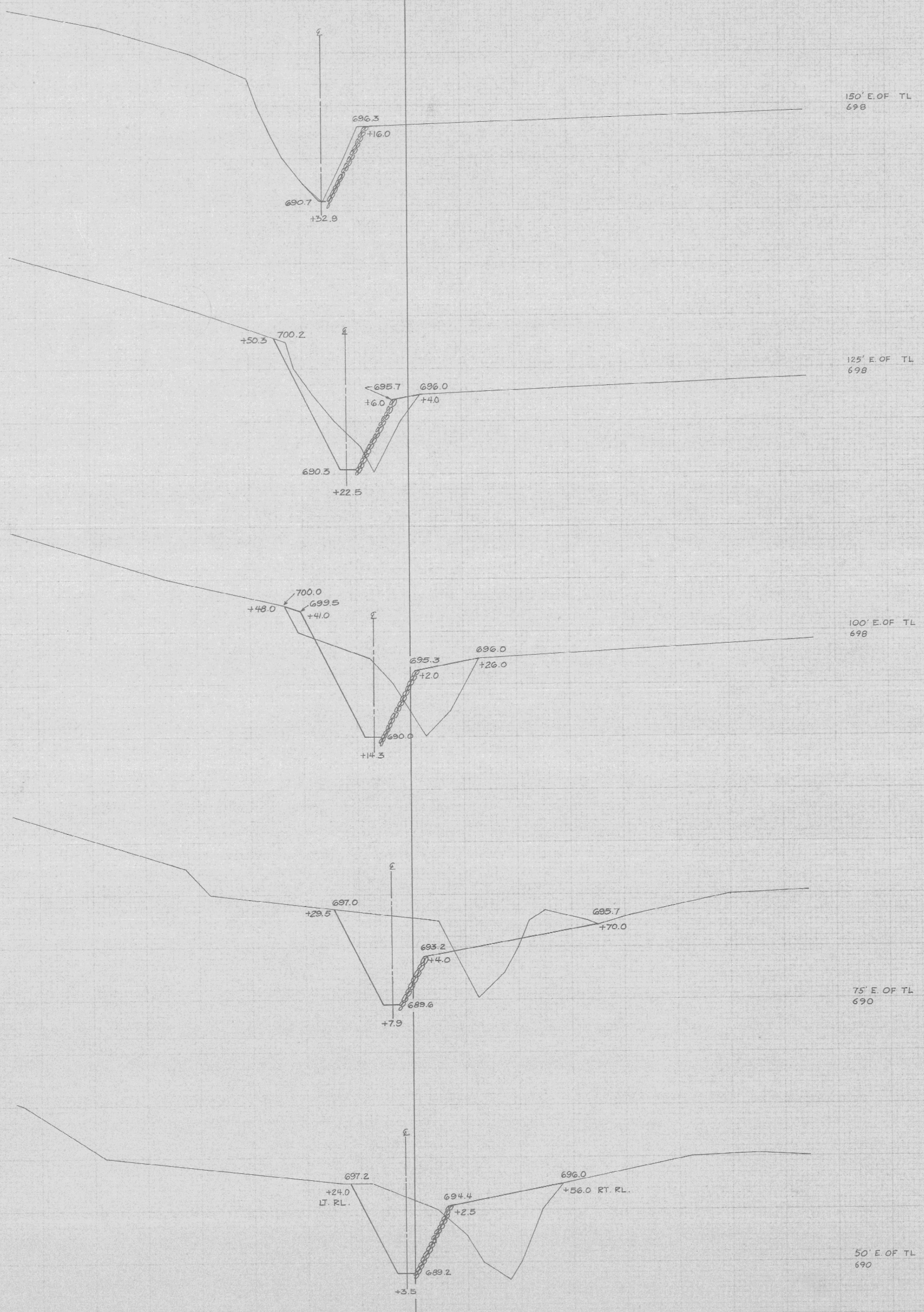


SHEET TOTAL

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
59 + 00	50	22	12
59 + 50	41	58	51
60 + 09	41	59	119
60 + 50	50	22	80

STATE PROJECT NUMBER
7270 - 04 - 71
SHEET NUMBER

REFERENCE LINE
(STA. 60+00)



SHEET TOTAL

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
00 + 00	25		138
00 + 15	70		133
00 + 25	81		58
00 + 50	35		15

STATE PROJECT NUMBER
7270-04-71
SHEET NUMBER