

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED
NESHONOC CREEK BRIDGE AND APPROACHES
TORGERSON ROAD
LA CROSSE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7270-05-71		

INDEX OF SHEETS

SHEET NO.	TITLE
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SHEET NO.	CONSTRUCTION CENTERLINE TIES
SHEET NO.	CONSTRUCTION DETAILS
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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
7270-05-71

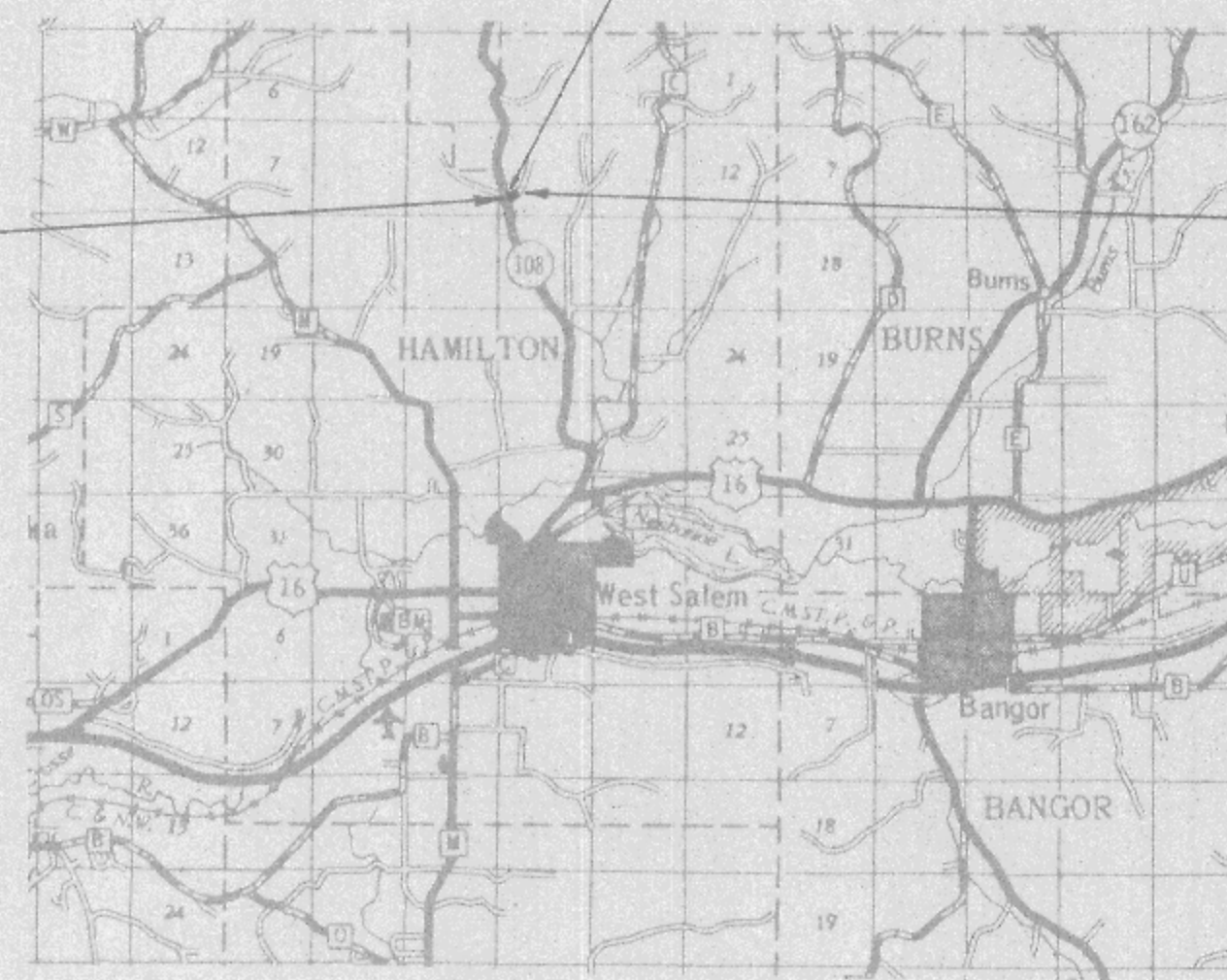
PLAN 1" = 50'
 SCALES PROFILE HOR. 1" = 50' VERT. 1" = 5'
 CROSS SECTIONS HOR. 1" = 5' VERT. 1" = 2'
 STRUCTURE
 STA. 3+47 - STA. 3+64



Design Designation

1979 A.D.T.	= 50
1999 A.D.T. (PROJECTED)	= 80
D.H.V.	= 8
K.	= 15 %
D.	= 60-40 %
T.	= 10 %
V.	= 55 M.P.H.

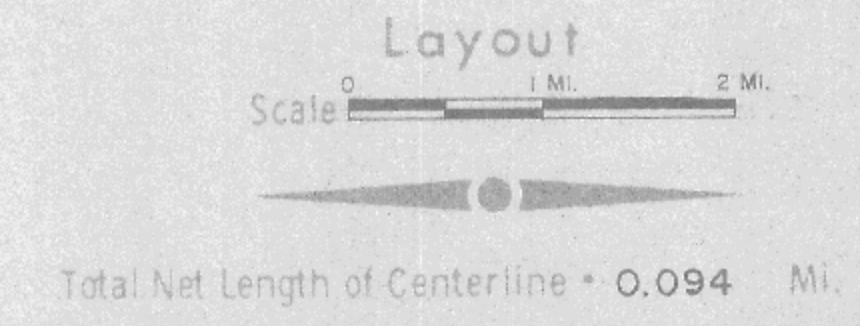
BEGIN PROJECT 7270-05-71
STA. 1+05.7
 N = 716,440 (±200')
 E = 1,712,750 (±200')
 APPROX. 1320' N. & 5.7' E. OF SW. COR.
 SEC. 10, T17N, R6W



END PROJECT 7270-05-71
STA. 6+00
 N = 716,440 (±200')
 E = 1,713,350 (±200')
 APPROX. 1320' N. & 600' E. OF SW. COR.
 SEC. 10, T17N, R6W

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 { Woven		Reference Stake for Hubs Only	
{ Barbed		Marsh	
Lot Line		Hedge	
Corporate or City Limits		Trees	
Property Line		Ground Elevation	
Traveled Way or P. E.		Grade Elevation	
Railroads			
Base or Survey Line			



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

 Date _____

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 _____

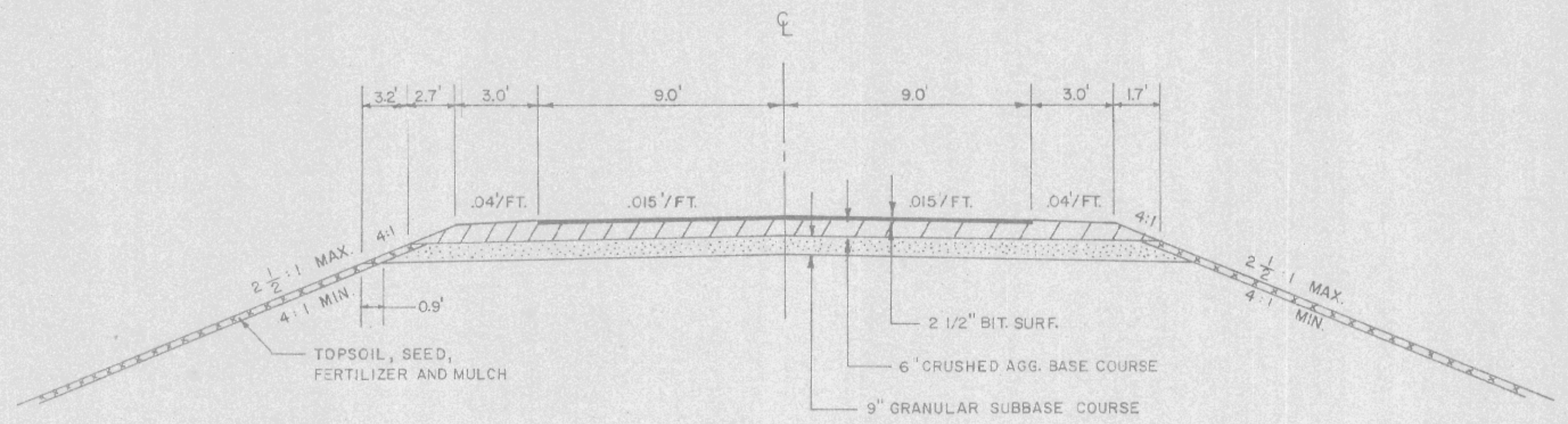
Date _____ Chief of Facilities Development _____
 Approved _____

Date _____ State Highway Engineer _____

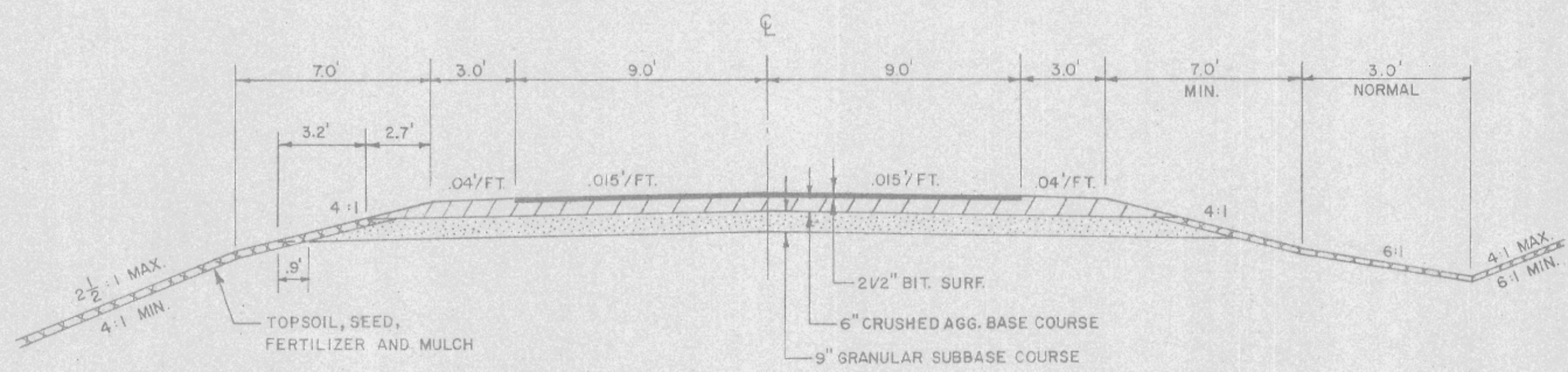
U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 REGION 5 WISCONSIN DIVISION

Approved _____
 Date _____ Division Engineer _____

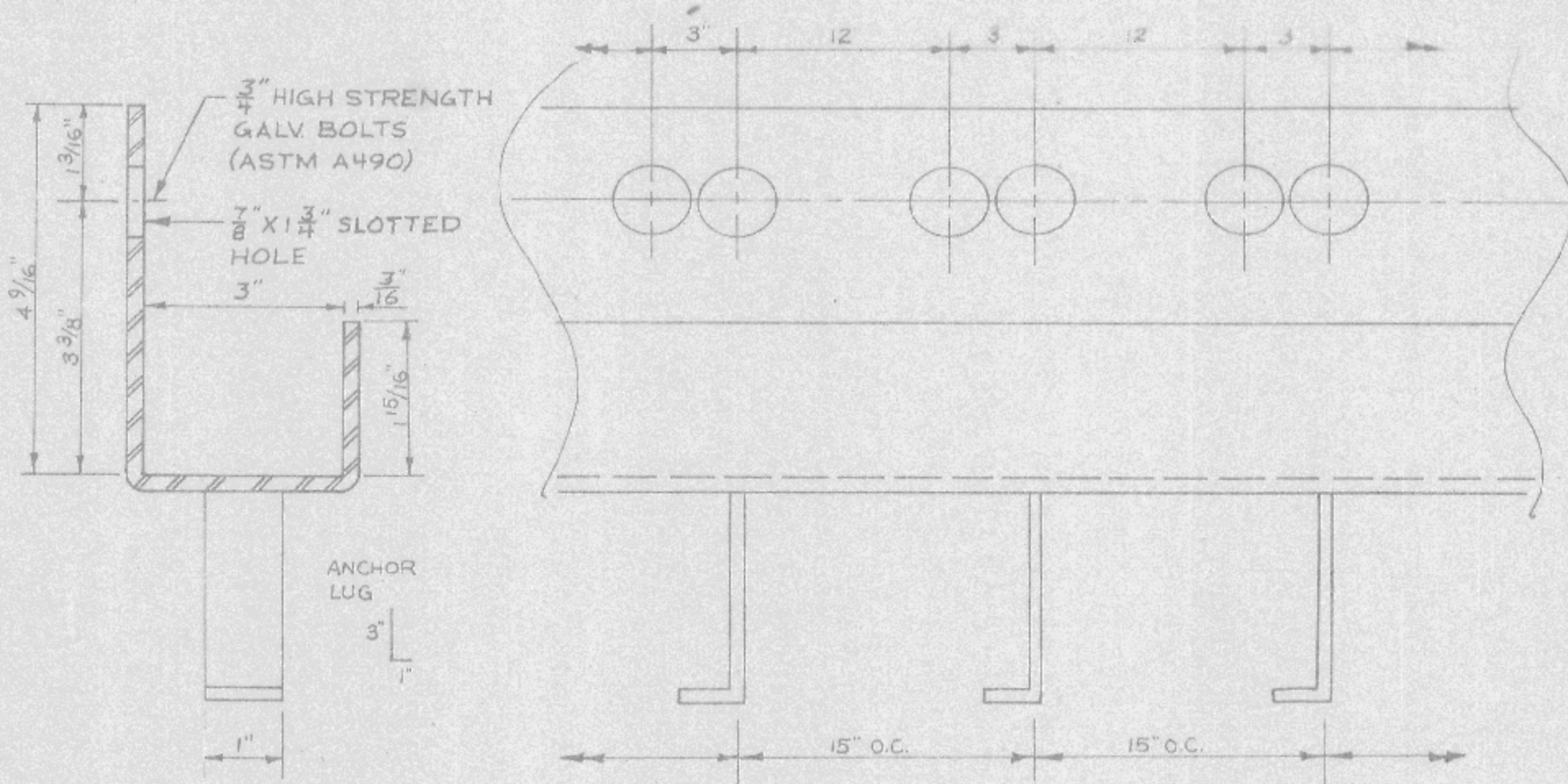
523



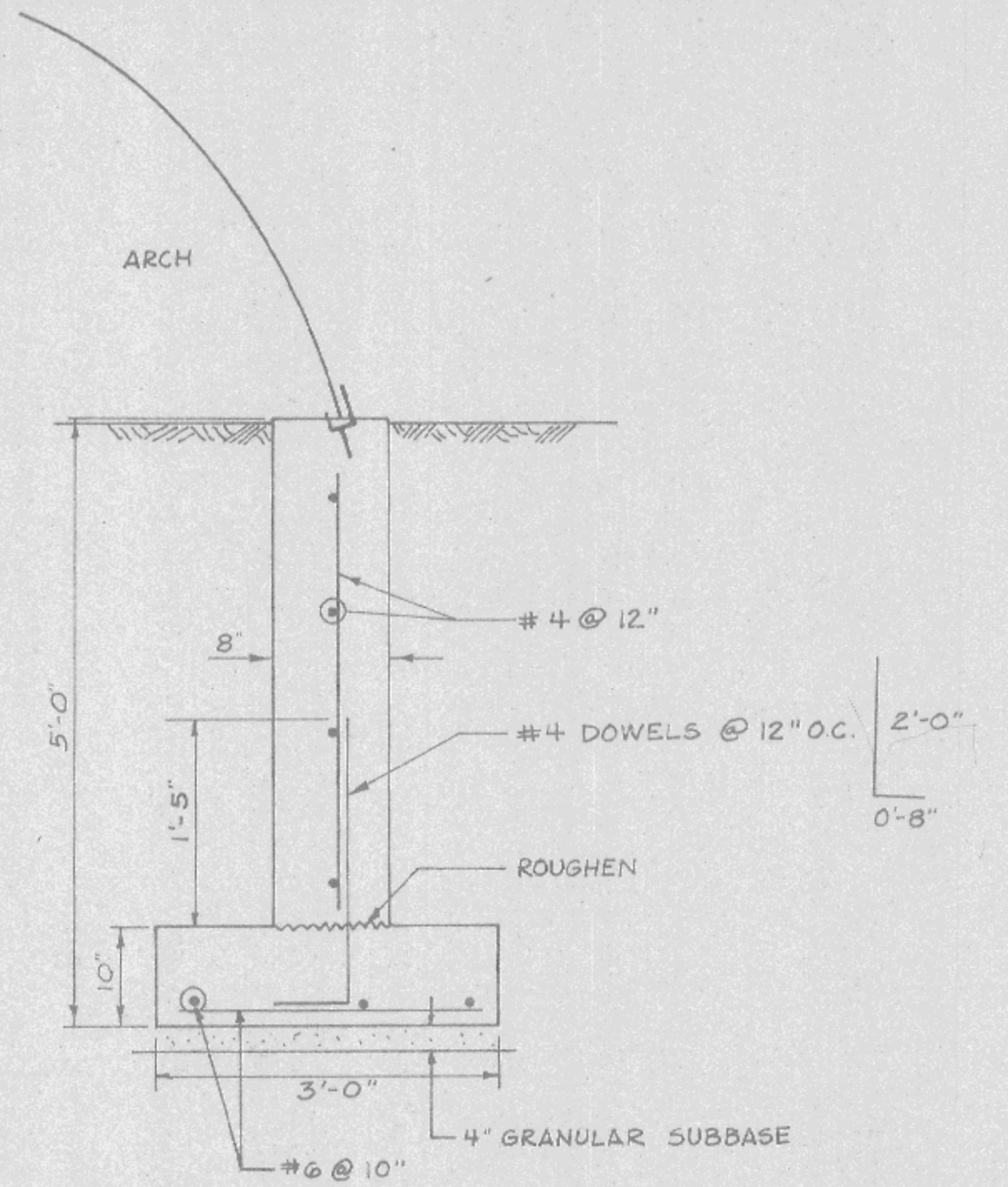
TYPICAL SECTION
(STA. 3+20 TO 4+20)



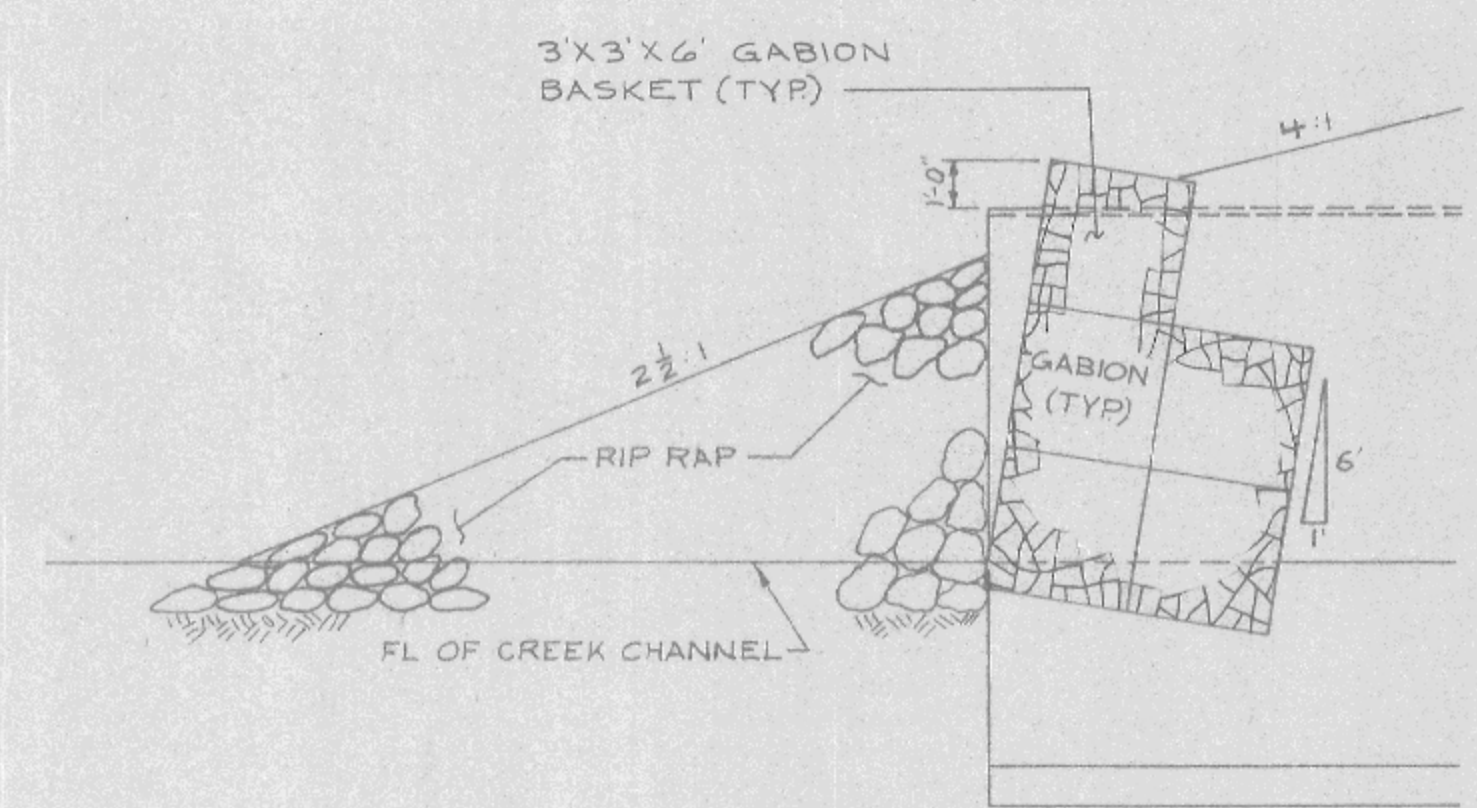
TYPICAL SECTION
(STA. 1+00 TO 3+20 & 4+20 TO 6+00)



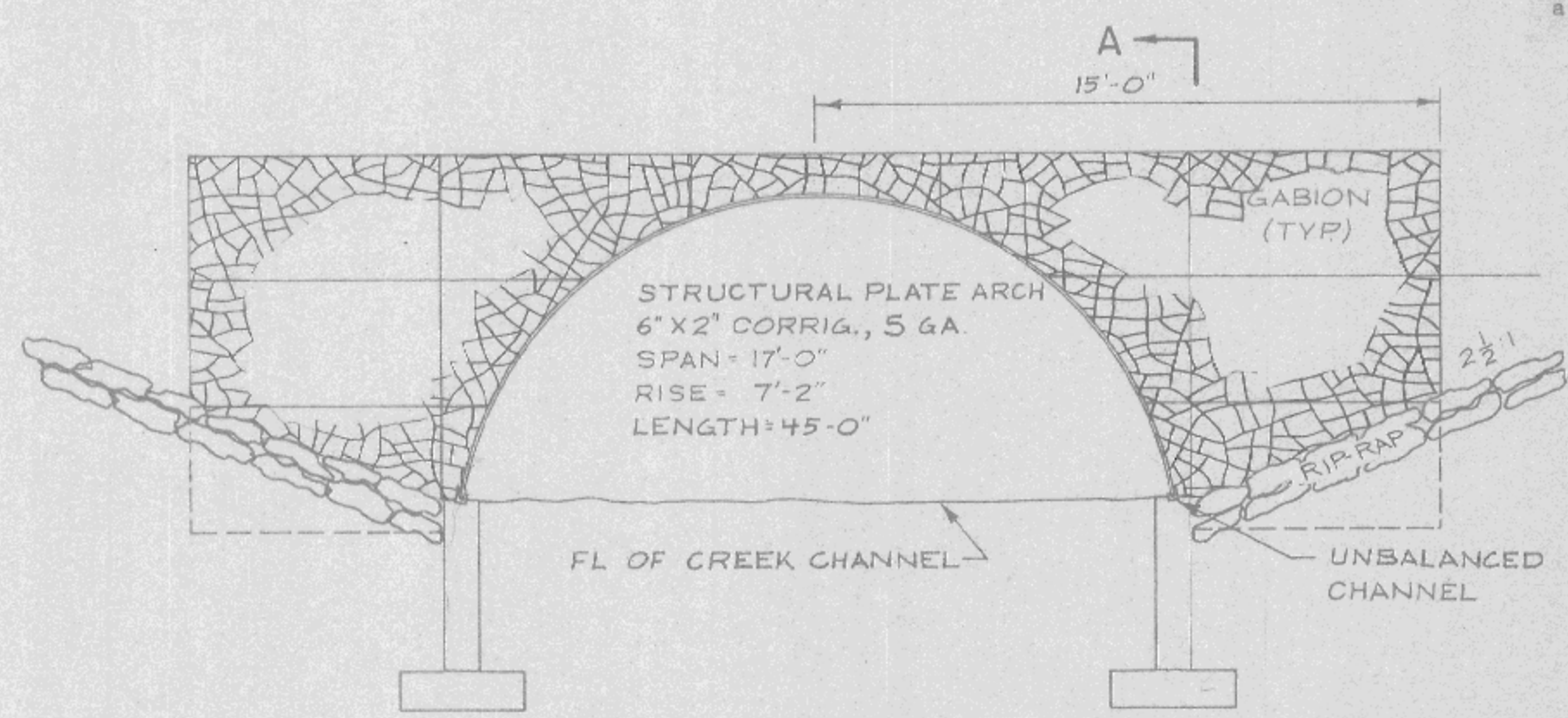
UNBALANCED CHANNEL DETAIL



FOUNDATION DETAIL



SECTION A-A



GABLE ENDWALL DETAIL

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. 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.
7. All existing fencing within the right of way and project limits shall be removed as necessary to facilitate the construction. Removed fencing will be replaced by others.
8. The S.T.H. "108" intersection shall be type "C" as shown on the Standard Detail Drawing 9A1-3.
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. Concrete masonry shall be class "D".
13. Erosion mat shall be placed in ditches where indicated with a minimum width of 48".

LIST OF STANDARD DETAIL DRAWINGS

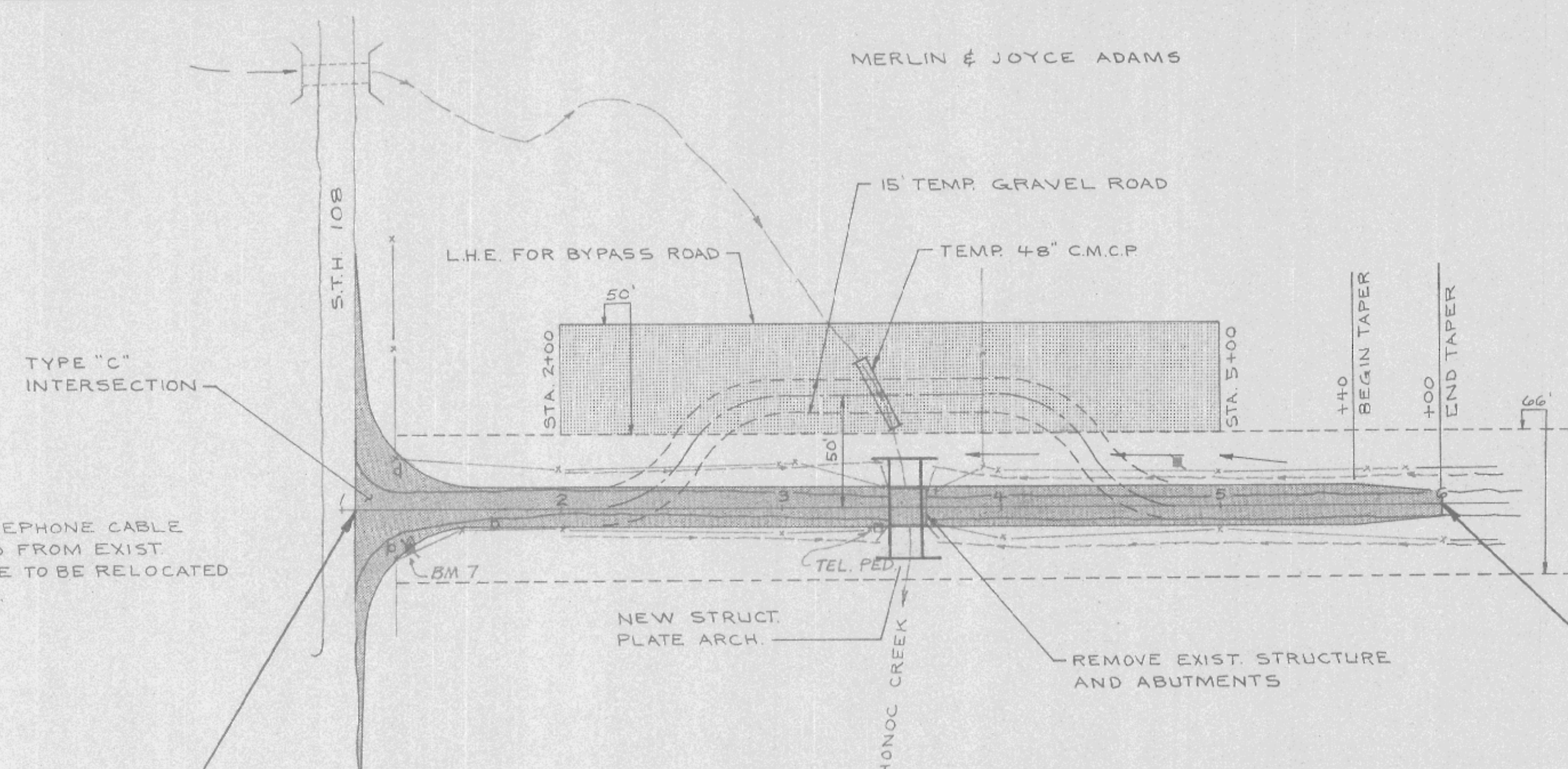
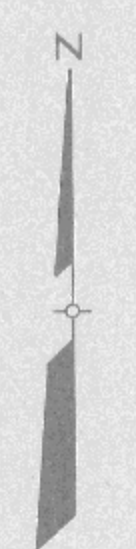
VA1-3	-	Layout details for at-grade side road intersection.
14B2-3a	-	Class "A" steel plate beam guard
& 14B2-3b		
15C1-4	-	Construction barricade and standard signs
8E7-1	-	Erosion mat

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

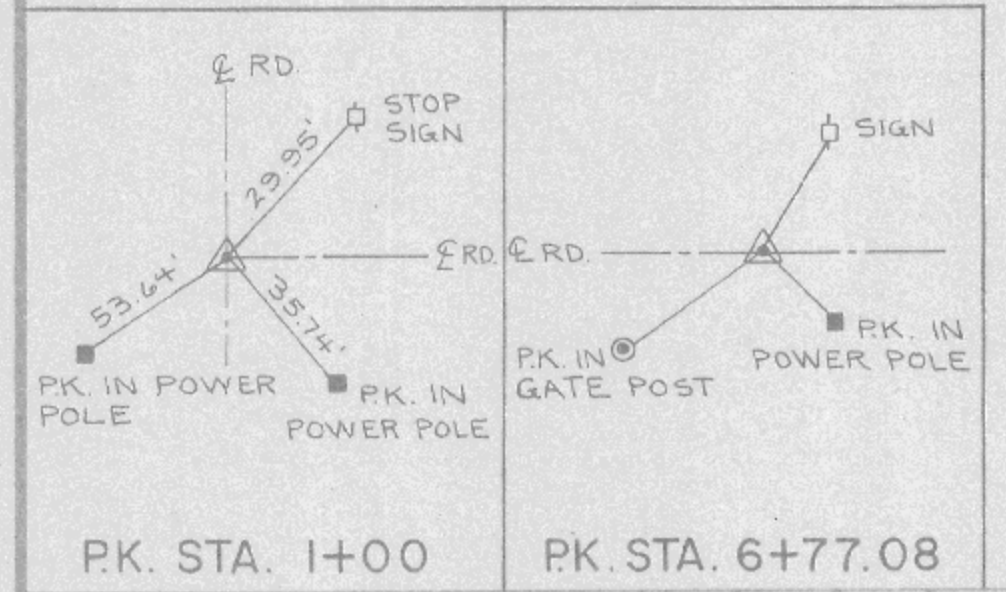
LaCrosse Telephone Corp.
206 5th Avenue
LaCrosse, WI
(608) 782-9980



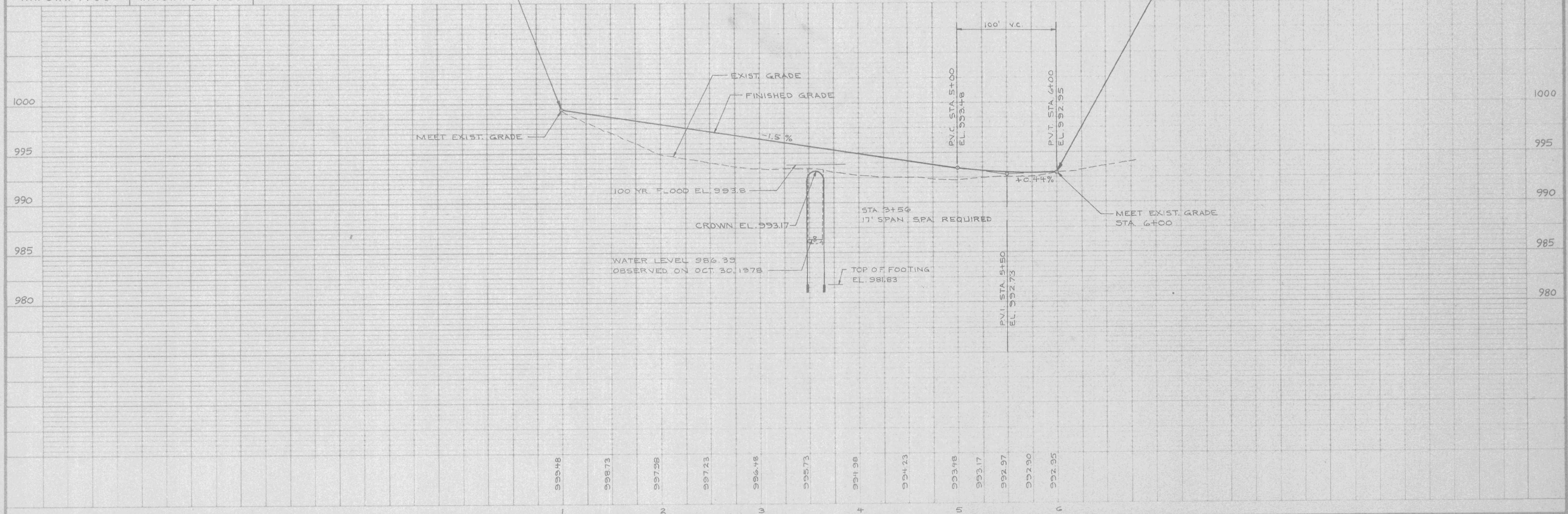
NOTE:
EXIST. TELEPHONE CABLE
SUSPENDED FROM EXIST.
STRUCTURE TO BE RELOCATED
BY UTILITY.

BEGIN PROJECT 7270-05-71
STA. 1+05.7

END PROJECT 7270-05-71
STA. 6+00



BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
7	1+29	NAIL IN POWER POLE AT SW. COR. OF S.T.H. 108 AND TORGERSON ROAD INTERSECTION	1000.00

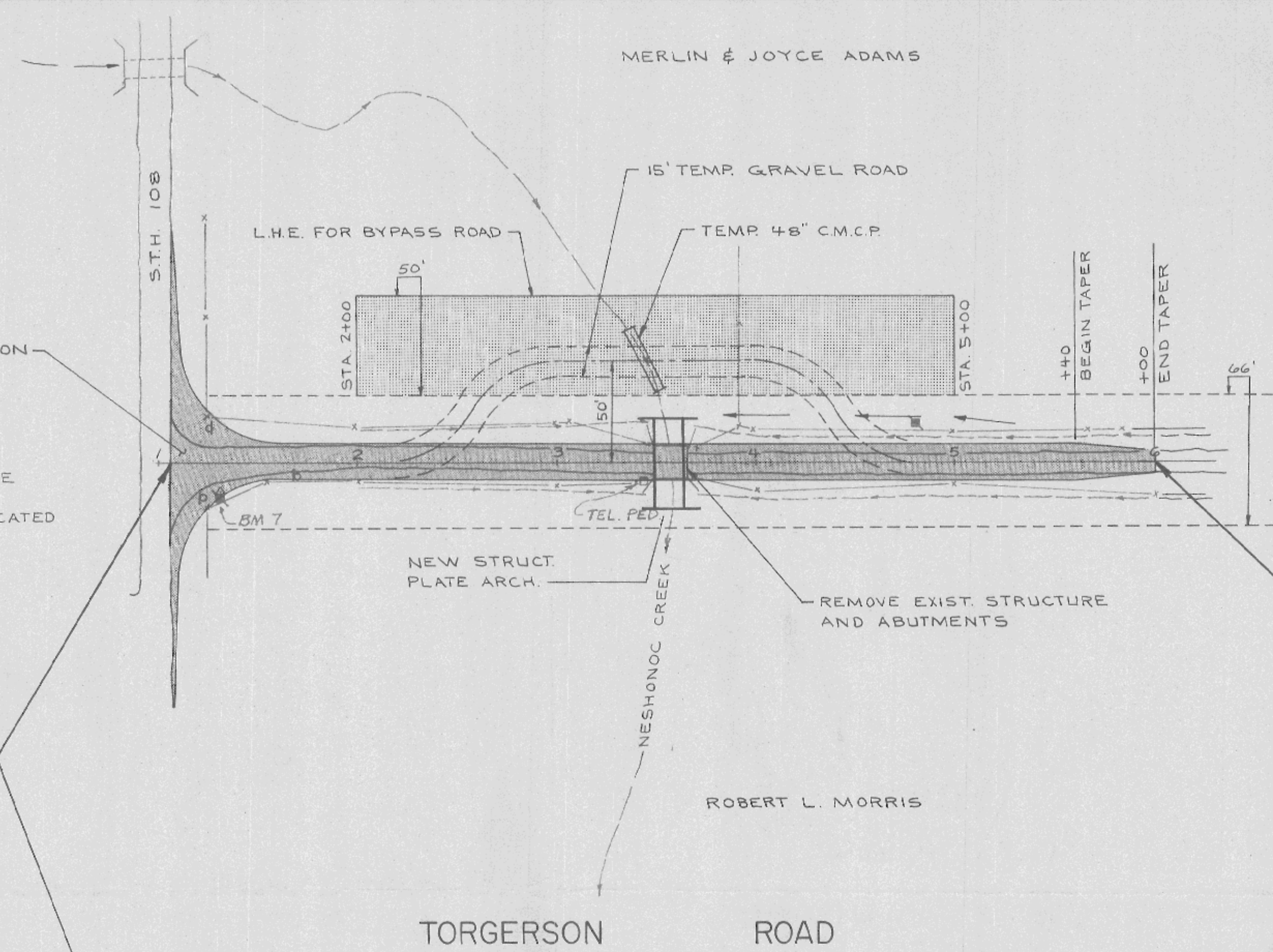


STATE PROJECT NUMBER	SHEET NO
7270-05-71	



NOTE:
EXIST. TELEPHONE CABLE
SUSPENDED FROM EXIST.
STRUCTURE TO BE RELOCATED
BY UTILITY.

TYPE "C"
INTERSECTION

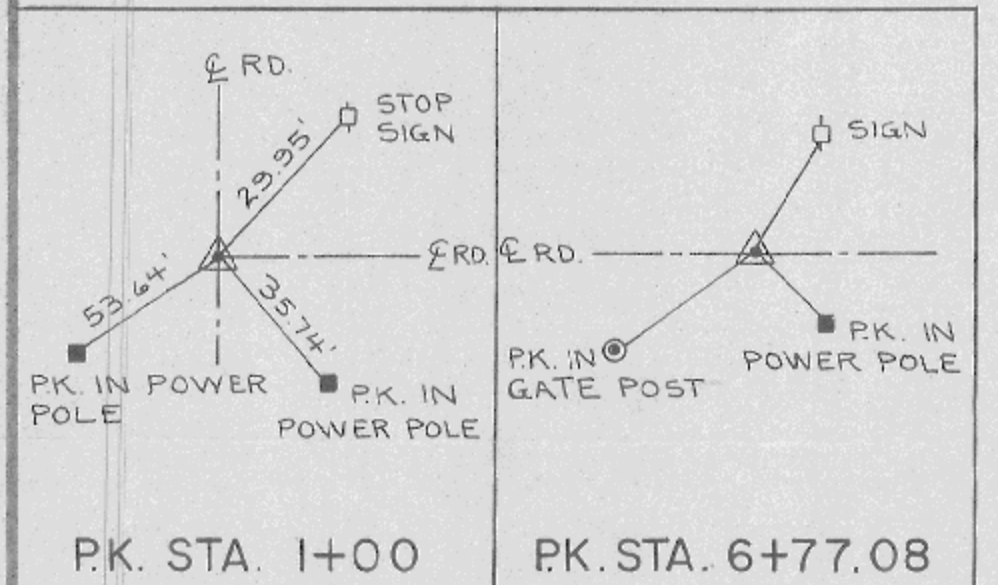


BEGIN PROJECT 7270-05-71
STA. 1+05.7

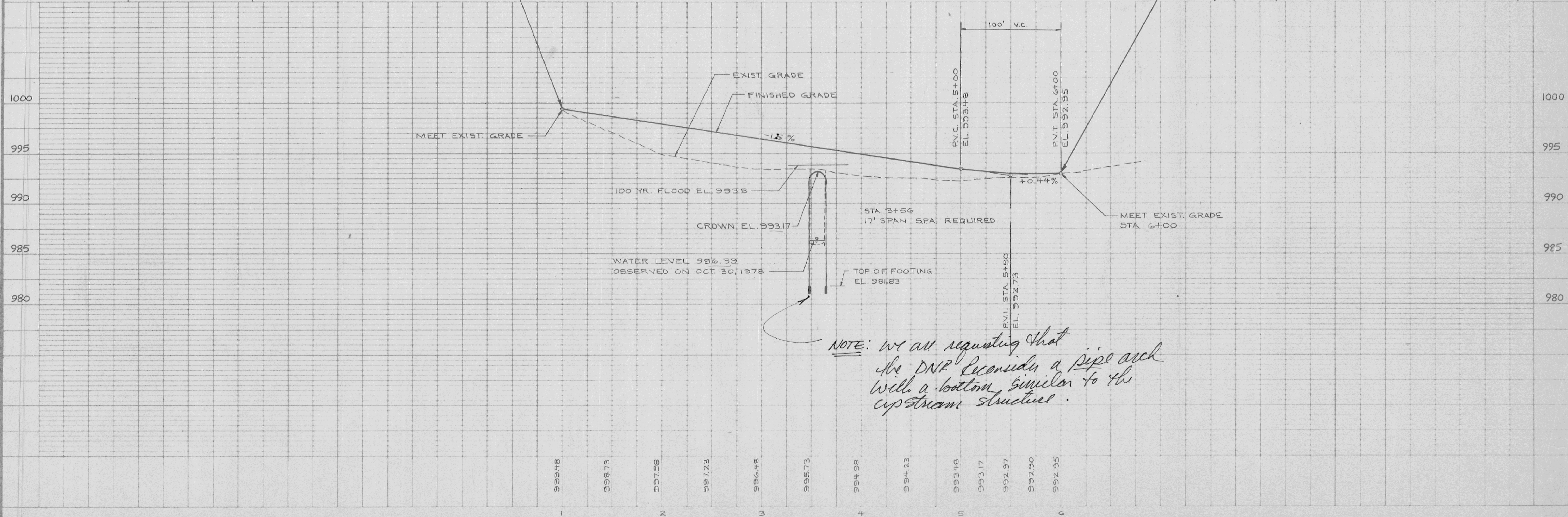
END PROJECT 7270-05-71
STA. 6+00

ROBERT L. MORRIS

TORGERSON ROAD

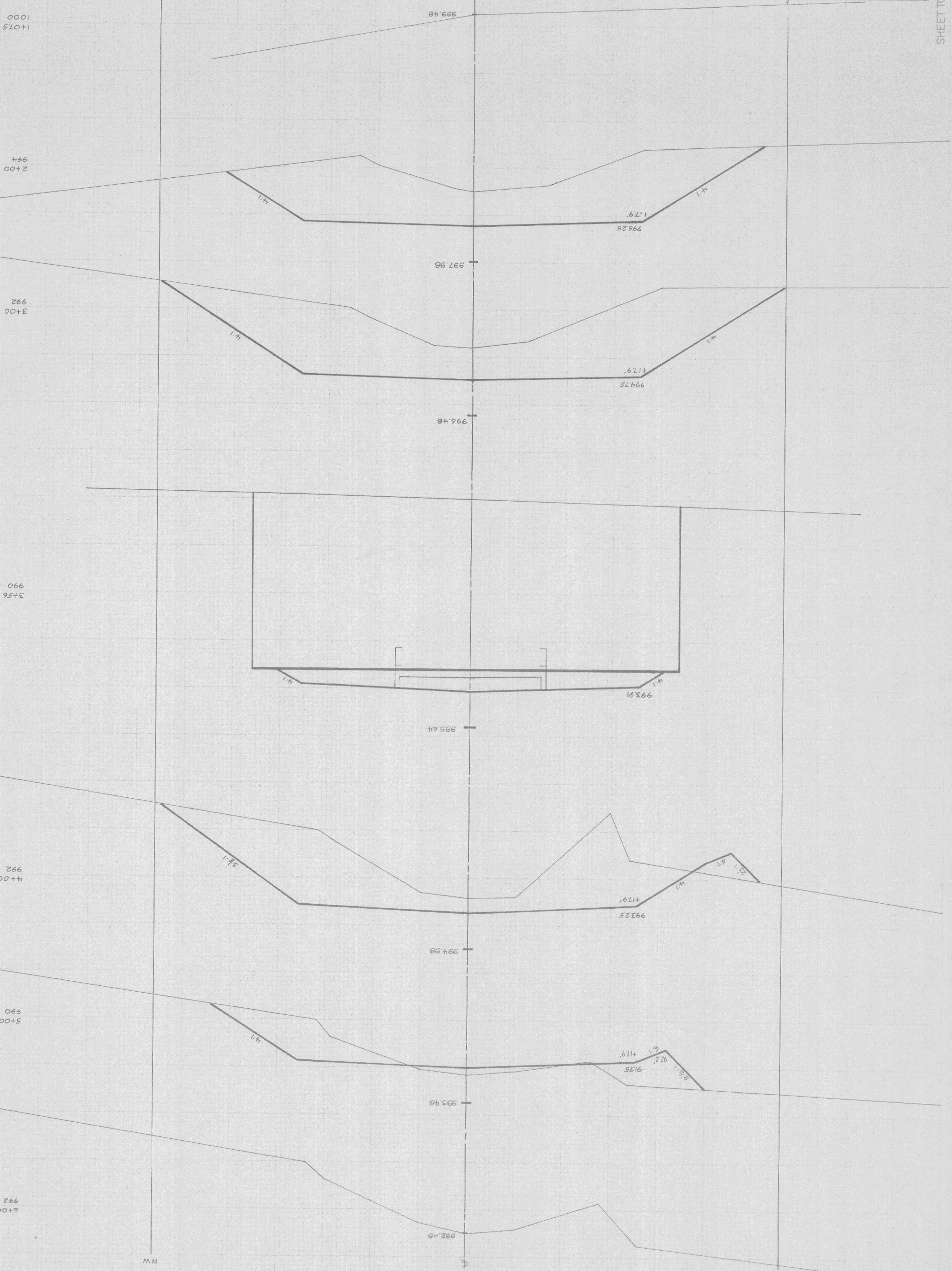


BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
7	1+29	NAIL IN POWER POLE AT SW. COR. OF S.T.H. 108 AND TORGERSON ROAD INTERSECTION	1000.00



NOTE: We are requesting that the DNR consider a pipe arch with a bottom similar to the upstream structure.

STATION	DISTANCE	YARDAGE		FILL
		EXCAVATION	CNCL.	
07.5 + 1	92.5			181
00 + 2	100			416
00 + 3	100		2	369
00 + 4	100		67	210
00 + 5	100		55	33
00 + 6				
00 + 7				



SHEET TOTAL

STATE PROJECT NUMBER
7270-05-71

1+075
2+00
3+00
3+56
4+00
5+00
6+00

ESTIMATE OF QUANTITIES

CONTRACT NO.

STATE PROJECT NUMBER	SHEET NO.
7270-05-71	

CONTRACT NUMBER	STATION TO STATION	NET LENGTH OF CENTER LINE	REMOVE FENCE	EXCAVATION				GRANULAR SUBBASE COURSE 9"	FINISHING ROAD WAY	OBLITERATING OLD ROAD	CRUSHED AGGREGATE BASE COURSE	CONCRETE BASE COURSE			SINGLE AGGREGATE BITUMINOUS SURFACE	BITUM. MAT FOR SURFACE COURSE	HEAVY RIP-RAP	ANCH. FOR STEEL PLATE BEAM GUARD	STEEL PLATE BEAM GUARD, CLASS A	MULCHING	MOBILIZATION	LAND MARK REFERENCE MONUMENTS	EROSION MAT	SALVAGED TOP-SOIL	FERTILIZER	SEEDING
				UNCLASSIFIED	ROCK	MARSH	BORROW																			
				20503	20502	20505	20801					21220	21301	21401												
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.	E.A.	L.F.	S.Y.	L.S.	EACH	S.Y.	S.Y.	CWT.	LB.		
	1+05.7 TO 6+00	494.3	980	125			1485	1759			261			140	9	30	48	328	26246			58	26246	17	354	

CULVERTS (STRUCTURES 20 FT. & UNDER)													
REMOVE OLD CULVT STA. 3+56	EXCAVATION FOR STRUCTURES	GRANULAR BACK-FILL	CONCRETE MASONRY	BAR STEEL REINF.	STRUCTURAL CARBON STEEL	TRTD LUMBER AND TIMBER	UNTRD TEST PILING	TREATED TIMBER PILING		STRUCTURAL PLATE ARCH W/FOUND 17' SPAN	GABION END-WALLS	SLOPE STABIL FABRIC	15' TEMP GRAVEL BYPASS ROAD
								DELIV-ERED	DRIV-EN				
20301	20602	20901	50401	50502	50601	50702	50801	50816	50820	90003	90002	90001	90004
L.S.	C.Y.	C.Y.	C.Y.	LB.	LB.	M.B.M.	L.S.	L.F.	L.F.	L.S.	C.Y.	S.Y.	L.S.
1	240	250								1	60	90	1

TOPSOILING, SEEDING & MULCHING

STATION TO STATION	LOCATION	S.Y.
1+05.7 6+00	L.	21350
1+05.7 6+00	R.	4846

EROSION MAT

STATION TO STATION	LOCATION	S.Y.
2+50 3+50	R.	45
2+50 3+50	L.	45
3+65 4+50	R.	38
3+65 4+50	L.	38

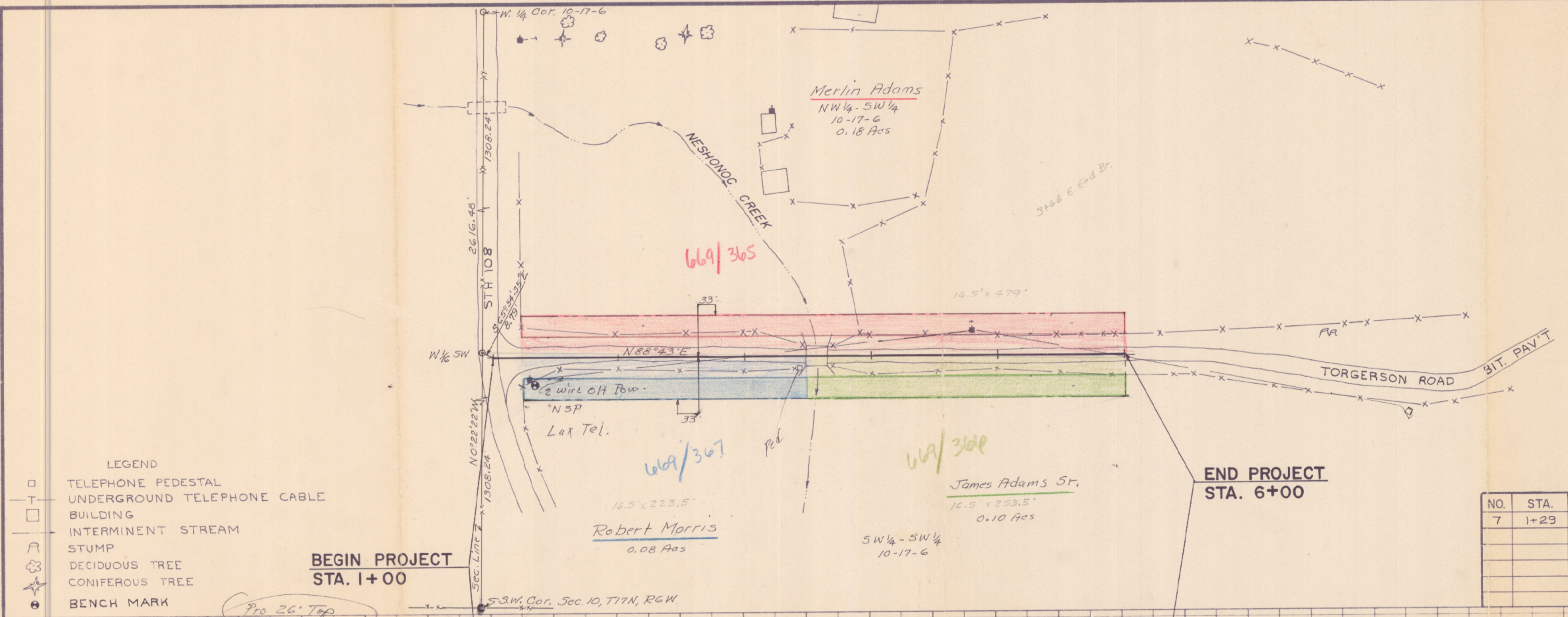
STEEL PLATE BEAM GUARD, CLASS A

STATION TO STATION	LOCATION	L.F.	ANCHORAGES
2+56 3+20	R.	64	1
2+92 3+92	L.	100	
3+20 4+20	R.	100	
3+92 4+56	L.	64	1

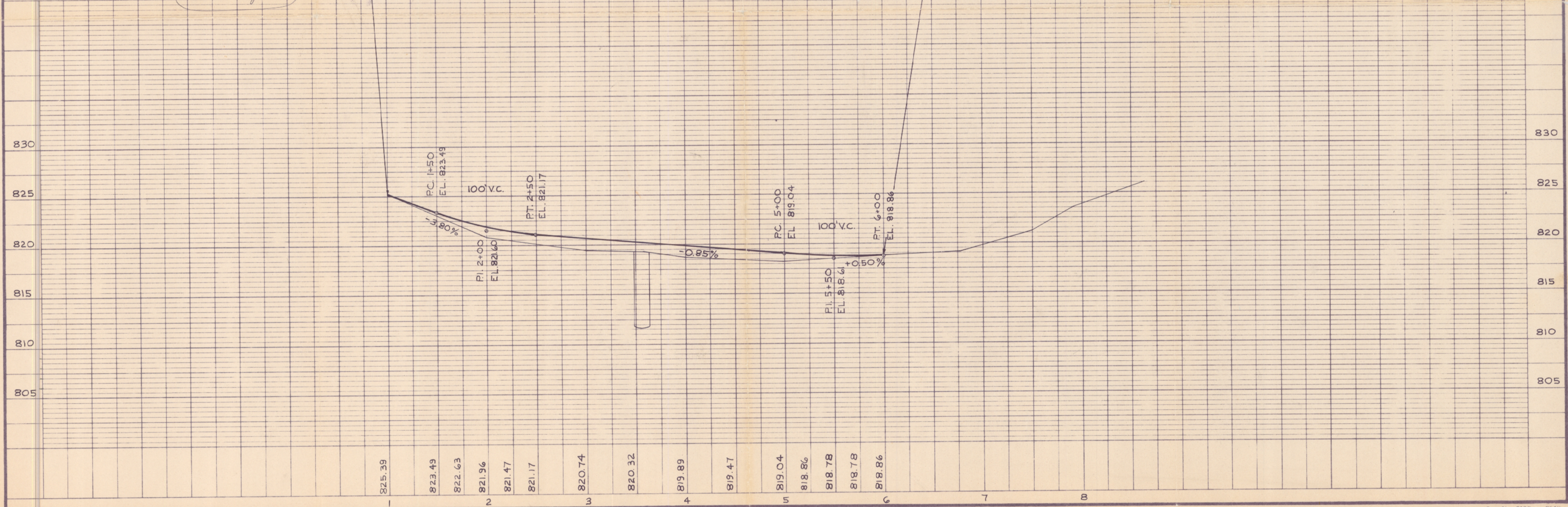
HEAVY RIPRAP AND SLOPE STABILIZING FABRIC (AT END WALL)

STATION	LOCATION	(S.Y.) FABRIC	(C.Y.) RIPRAP
3+56	L.	45	15
3+56	R.	45	15

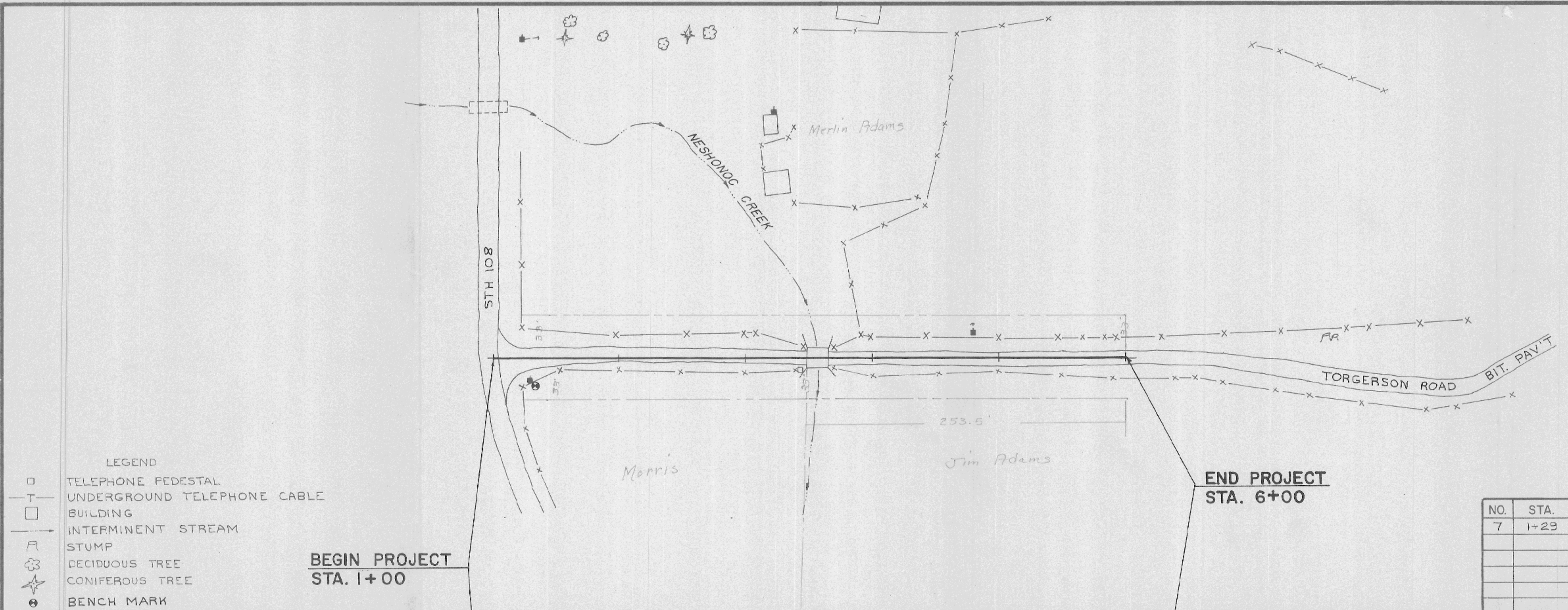
STATE PROJECT NUMBER	SHEET NO.
7270-05-71	
TORGERSON ROAD	



BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
7	1+29	NAIL IN POWER POLE, 18' S. OF CL	825.91



HAMILTON PLAN 523



BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
7	1+23	NAIL IN POWER POLE, 18' S. OF CL	825.91



825.39	823.49	822.63	821.96	821.47	821.17	820.74	820.32	819.89	819.47	819.04	818.86	818.78	818.78	818.86
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523