ROAD CONTRACT NO. DESIGN DATA 2850 VPD 6200 VPD 650 VPH A.D.T. (1973) STATE OF INDIANA A.D.T. (1993) PROJECTED D.H.V. (1993) CODE 1128 DIRECTIONAL DISTRIBUTION TRUCKS D.H.V. 7 % INDIANA STATE HIGHWAY COMMISSION ACCESS CONTROL NO NE PLAN AND PROFILE OF PROPOSED STATE HIGHWAY) P.E.) R/W · The The will do he ST-PROJECT NO. 438"B") CONST.) UTIL. Beginning at a point on SR 38 approximately 7.7'West and 217.4'North of the SW Corner of the NE Quarter Section of Section 27; T-19-N; R-4-E in Noblesville Twp. and extending in a Southeasterly direction a distance of 600' to a point on SR 38 approximately 518.4' East and 71.6' South of the SW Corner of the NE Quarter Section of Section 27; T-19-N: R-4-E in Noblesville Twp. All in Hamilton Co. GROSS LENGTH - 0.11 MI. LENGTH - 0.11 MI SCALES:-LOCATION OF SECTION INDICATED THUS PLAN TRANS:-1"=50' PROFILE VERT:-1"=10" MAX. GRADE 3.13% 👾 🌯 "LÉGEN D A BARRICADE TYPE"A" HAMILTON COUNTY R-4-E CONSTRUCTION SIGN TYPE " A PERMANENT BARRISALE TYPE A 22 WW Like DESIGNED BY SENIOR DESIGNER RECOMMENDED FOR APPROVAL . ASSISTANT ENGINEER OF ROAD DESIGN RECOMMENDED FOR APPROVAL ENGINEER OF ROAD DESIGN INDIANA STATE HIGHWAY COMMISSION East 191st Street APPROVED____ BEGIN ST-PROJ NO.438"B" Sta. 48+00 Line" C" Scale: 1"-1000" CHIEF ENGINEER INDIANA STATE HIGHWAY COMMISSION FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION. LEND ST=PROJ NO. 438"B" STA 54+00 Line"C" 'APPROVED' INDIANA STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS DATED 19 DIVISION ENGINEER DATE TO BE USED WITH THESE PLANS ROAD FILE:-SEPT, 1970 ST-438"B

UTILITIES

Electric: Public Service of Indiana 1000 E. Main St. Plainfield, Ind.

Telephone: Ind. Bell Telephone Co. Inc. 3839 Meadows Dr., Rm. 202 Indianapolis, Ind.

Gas Line: 53+26 & 58+61.5

Panhandle Eastern Pipe Line Co.

Zionsville, Ind.

Ph. 317-873-3329

REVISIONS REVISED SHEET NO. DATE

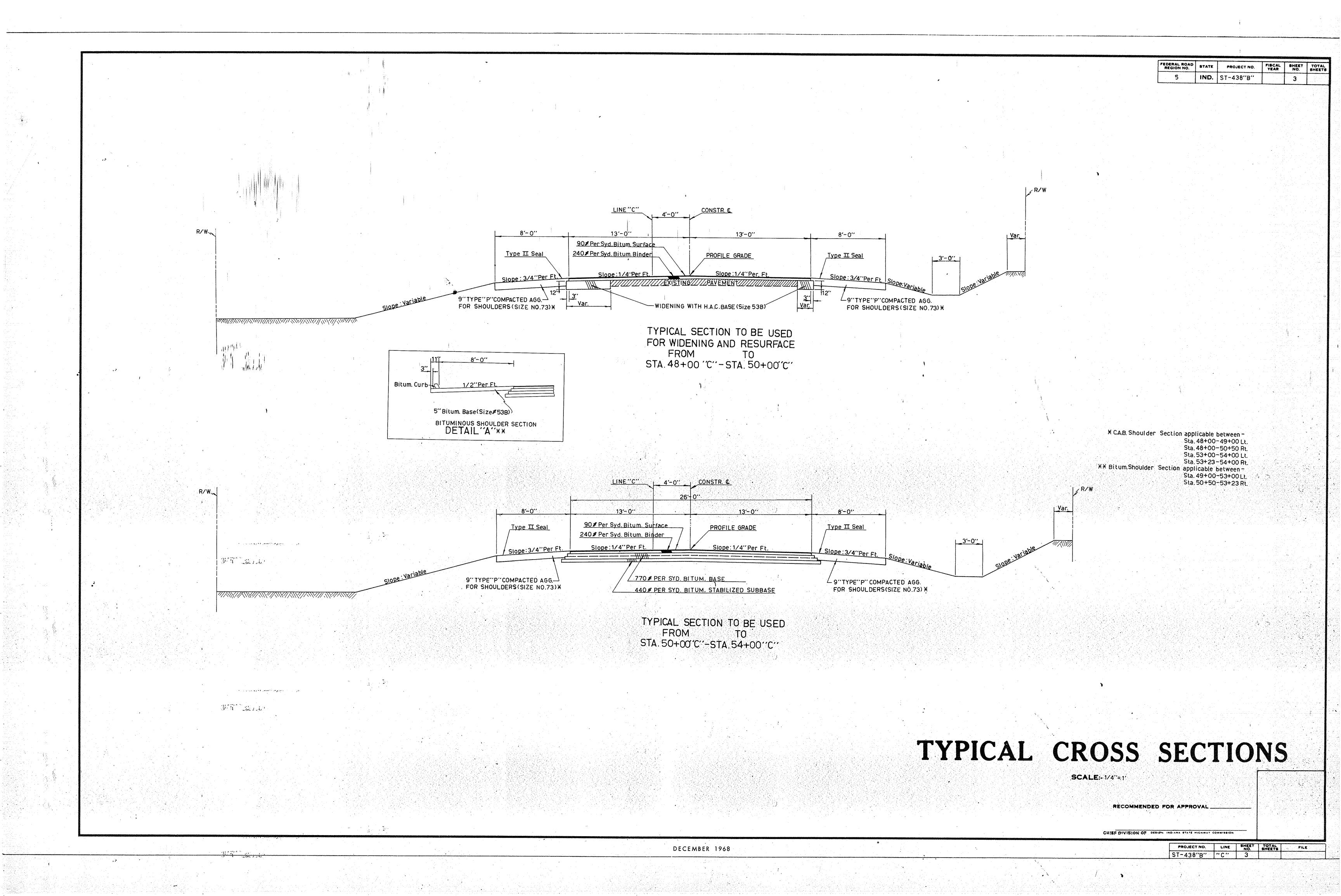
GENER	AL	NOTES	

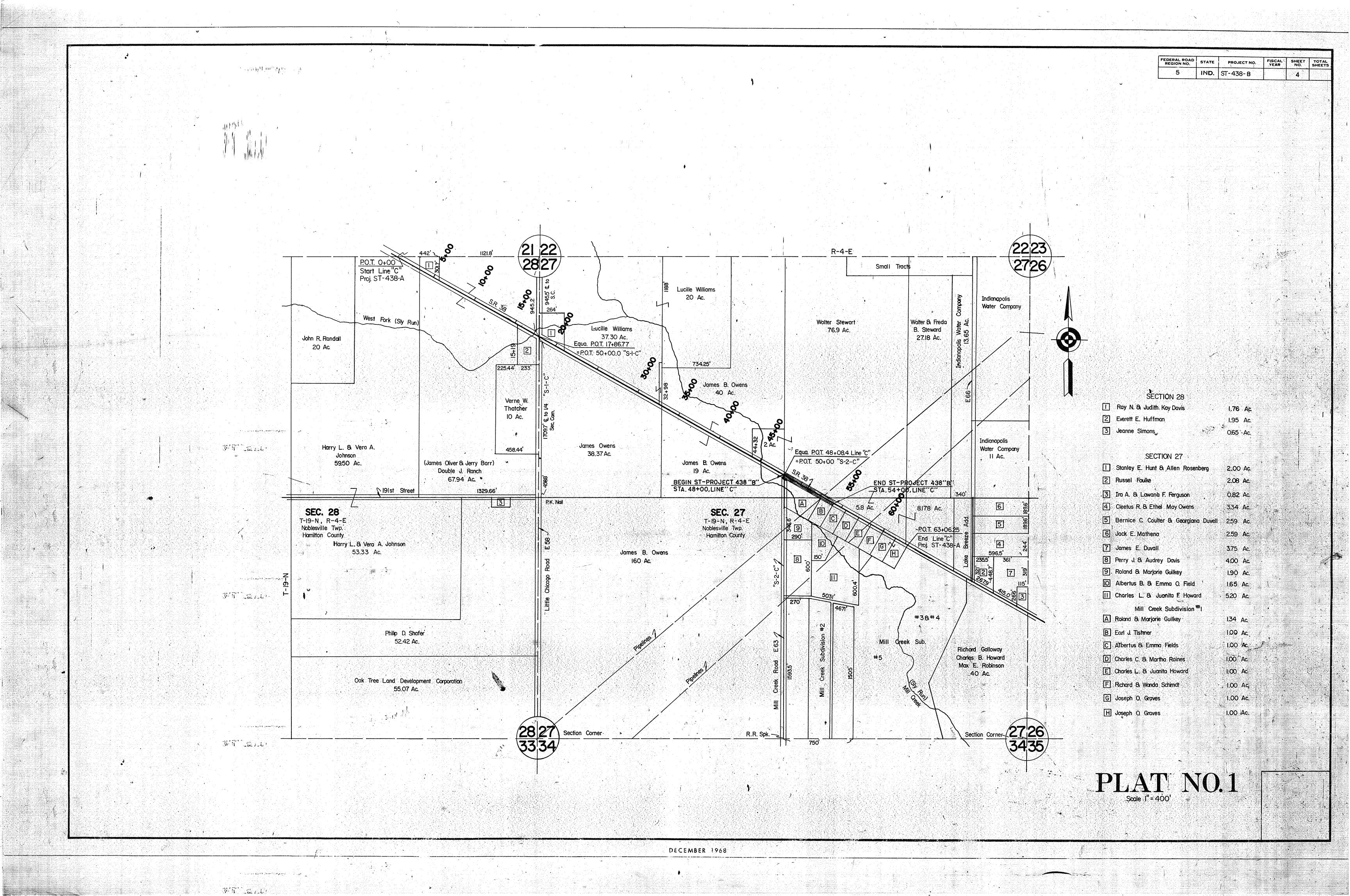
	GENERAL NOTES
	Standard divided lane sections for Federal Aid Projects as shown on Sheet No. to be
	used on this project.
	Standard ramp section to be used on this project. Pavement thickness shall be".
	Standard single lane pavement sectionsas shown on Sheet Noto be used on this project.
X	A 14" Full Depth Bituminous Pavement shall be used from Sta. 50+00 to Sta. 54+00
X	12" Widening & 3" Resurface shall be used from Sta. 48+00 to Sta. 50+00
*	Typical cross-section as shown on Sheets No. 3 to be used on this project.
~	Standardo vados datos as listad in Aba Indonesia Abi Obard II II III III III III III III III III
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X	All Difches of 1% grade and over shall be sodded except where Paved Side Ditch is be constructed.
X	
×	All Earth Shoulders, Cut, and Fill slopes shall be plain or mulched seeded except where sodding is
*	specified.
	Overhaul and Added Haul Quantities as shown in the Balances are for information only.
	Excavation Quantities as shown include estimated excavation for Public and Private Approaches. See Table on Sheet N
	The final Cross-Sections of the "Grading Contract" shall be the original cross-sections of the "Paving Contract" excep
	that partial or complete cross-sections shall be taken if necessary to determine the actual quantities of Excavation.
`	Paper Relocation is to be cross-sectioned by the Project Engineer before construction.
	Where existing surface is located outside the Limits of new construction between Sta and Sta
	the contractor will be required to remove the present roadway surface and base as directed by the Engineer.
	Quantities for Pipe Culvert Headwalls are based on using Standard Headwalls for retaining 2:1 or 3:1 slopes, and
	Private Drive Headwalls for retaining 4:1 or flatter slopes.
	For "Kinds of Pipe" permitted for each size and classification as shown on the Structure Data Sheet, see Miscellaneous Standard Sheet "MP".
	Such part of existing downspout drains that are disturbed by replacing the curb shall be replaced and connected
	directed by the Engineer Payment for this work shall be included in the Contract unit price for
	Curb."
	The minimum grade for Subsurface Drains shall be 0.20%. Where the profile grade is less than 0.20%, special grade
	for Subsurface Drains shall be established by the Engineer.
	The Contractor must accept the plan quantities of Subbase as given on the Estimate of Quantities Sheet
	County Roadshall have 4 "Edge Lines" and "Skip Center Line" as set out in "Special Provisions" and "Yello
	Barrier Lines" shall be placed as shown on plans.
	All Limited Access R/W (L.A.R/W) to be fenced with Chain Link Type Fence (C.L.T.F.) or Farm Field Type Fence
	(F. F. T. F.) as specified in the plans
	Curves shall be Superelevated according to the Standards of(Except Special "Super-Transitions" shall
	detailed on Sheet No).
	A Keyway Joint is to be constructed on Median side of each pavement.
	Contraction Joints shall be placed at all manholes within pavement limits.
	Contraction Joints shall be placed at the beginning and end of all radii, at street and alley intersections. When Guard Rail Type "A" is called for on this project the Contractor shall use the Steel Beam section only.
	When Guard Rail Type B" is called for on this project the Contractor shall use the Steel Beam Section only.
	There odds a rids 1966 is some for our mis project the confidence stids use the steel beam section only.
,	When Guard Rail Type "C" is called for on this project the Contractor shall have the option of using either the Steel Bed
	Section, the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.
	When Guard Rail Type "D" is called for on this project the Contractor shall have the option of using either the Steel Bed
	Section, or the Semi Ellipse Aluminum Tubular Section
	When Guard Rail Type "E" is called for on this project the Contractor shall have the option of using either the Steel Be
. :	Section, the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section
	When Guard Rail Type F" is called for on this project the Contractor shall have the option of using either the Steel Be
- 1	Section, the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.
**	When Guard Rail Type "G" is called for on this project the Contractor shall have the option of using
100	either, the Semi Ellipse Aluminum. Tubular Section or the Steel Tubular Section.
1	When Guard Rail Type "H" is called for on this project the Contractor shall have the option of using
•	either , the Semi Ellipse Aluminum Tubular Section or the Steel Tubular Section.
1	Wherever reference is made, on the design plans to Subbase Type I or II or Subbase Type II, this reference is to be interpreted as "Subbase" and the materials required will confer to II.
	interpreted as "Subbase" and the materials required will conform to a, "Supplemental Specification for Subbase".
×	Road shall have 4" Edge Lines and Yellow Skip Centerline as set out in "Special Provisions"
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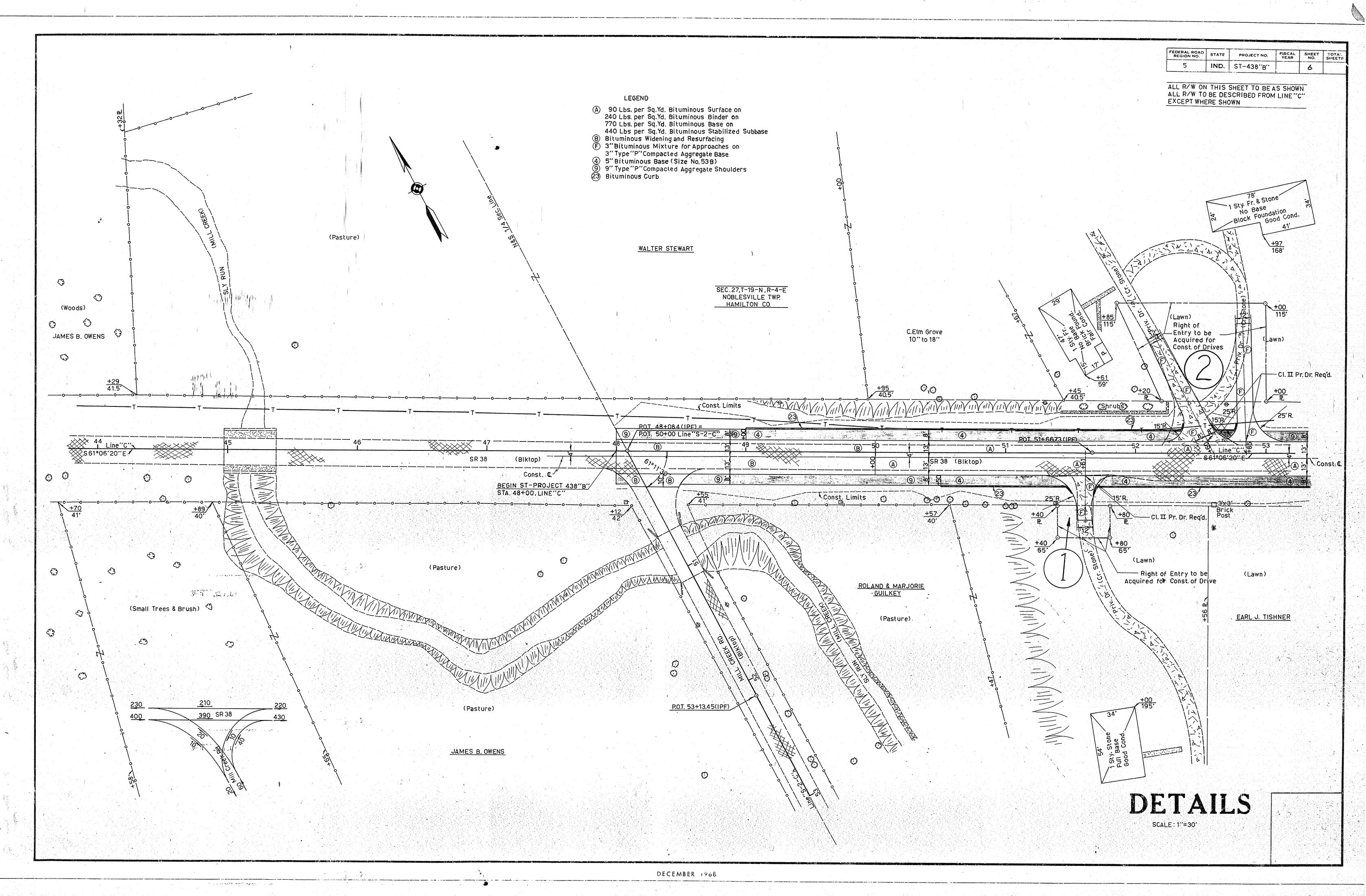
	R/W INDEX
SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INFORMATION SHEET
3	TYPICAL CROSS SECTION
4	PLAT NO. 1
5	PLAN & PROFILE
6	DETAIL
7	TABLE OF QUANTITIES
8	PLAT NO. 3

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SHEET NO.			APPF	P.R. ROVAL	DATE ADO	PTED"A"or EVISION"R"
1 2	TITLE SHEET INFORMATION SHEET					
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	ST'D DIV. LANE () ST'D. SINGLE LANE PAVEMENT SECTIONS		,			
3	TYPICAL CROSS SECTION					
	ST'D. RAMP SECTION					
	ST'D CONT. REINF. CONC. PAV'T. SHEET "CRC-A"					
	ST'D. CONT. REINF. CONC. PAV T. SHEET "CRC-A" ST'D. CONT. REINF. CONC. PAV T. SHEET "CRC-B" ST'D. PAVEMENT JOINTS SHEET "A"					
4-5	PLAT NO. 1 & NO. 3					
<u>6</u> 7	PLAN AND PROFILE DETAILS					
8	TABLE OF QUANTITIES STRUCTURE DATA					
9	DEMOLITION PORTION ITEMS ESTIMATE OF QUANTITIES					
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12	MISCELLANEOUS STANDARDS, SHEET "MB-2" MISCELLANEOUS STANDARDS, SHEET "MC"			*	R-1-2-	74
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	MISCELLANEOUS STANDARDS, SHEET "ME - 2" MISCELLANEOUS STANDARDS, SHEET "MG"					
18	MISCELLANEOUS STANDARDS, SHEET "MH" MISCELLANEOUS STANDARDS, SHEET "MH - I"		9-2	5-73	R - 7-2	-73
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	MISCELLANEOUS STANDARDS, SHEET "MK" MISCELLANEOUS STANDARDS, SHEET "MN"					
	MISCELLANEOUS STANDARDS, SHEET "MP" MISCELLANEOUS STANDARDS, SHEET "MQ"					
	MISCELLANEOUS STANDARDS, SHEET "MR"					
	MISCELLANEOUS STANDARDS, SHEET "MS" MISCELLANEOUS STANDARDS, SHEET "MS - 1"					
	MISCELLANEOUS STANDARDS, SHEET "MT"					
	MISCELLANEOUS STANDARDS, SHEET "MT - IA" MISCELLANEOUS STANDARDS, SHEET "MT - IB"					
	MISCELLANEOUS STANDARDS, SHEET "MT - 6A" MISCELLANEOUS STANDARDS, SHEET "MT - 6B"					
	MISCELLANEOUS STANDARDS, SHEET "MT - 12" MISCELLANEOUS STANDARDS, SHEET, "MV"					
***************************************	MISCELLANEOUS STANDARDS, SHEET "MV - I" MISCELLANEOUS STANDARDS, SHEET "MV - 2"					
	MISCELLANEOUS STANDARDS, SHEET "MV - 3" MISCELLANEOUS STANDARDS, SHEET "MV - 4"					
	ST'D. STR. CONN. FOR EXTENSION ST'D. R.C. BOX. CULV.					
	ST'D R. C. BOX CULV. SK. END & WING DET. SK. ST'D. R. C. BOX CULV. SK. END & WING DET. SK.			.		
	ST'D. R. C. CULV. W. O. F. ST'D. R. C. CULV. U. F.					
	ST'D R.C. CULV W.O.F. SK. ST'D R.C. CULV U.F. SK.					
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13	CONSTRUCTION IDENTIFICATION SIGNS		7-9	-/3	R-4-2	- / 3
	ST'D. HEADWALLS					
20-24 *	CROSS SECTIONS B.P.R. APPROVAL PENDING					

MAY , 1967









		FEDERAL ROAD STATE PROJECT NO FISCAL SHEET TOTAL NO SHEETS 5 IND. ST-438"B" 7
	SUMMARY OF QUANTITIES AND APPROACH TABLE	
	BITUMING STATE TYPE "P"	
DESCRIPTION LOCATION (APPROACH TYPE OR DESCRIPTION WIDTH LENGTH WORLD RADII 10% NOT SHOWN)	FOR ROADS CROSSOVERS ON SUBSIDENCE BASE I BASE I BASE I BINDEP BINDEP CON SUBSIDER	
CLASS) "W" "L" O. M W "R" 1 2 CYS FEET FEET FEET % % CUT FIL	35 35 37 90 3 1 330 4 440 4 6240 4 55 5 5 6 5 5 6 5 6 5 6 6 5 6 6 6 6 6	
MAINLINE		
48+00 TO 50+00 Resurfacing 26'	26 69 146 0.4	
50+00 TO 54+00 New Pavement 26' 48+00 TO 54+00 Shoulders 8'Rt,&Lt.	- 134 0.7 221 644	
APPROACHES		
48+08.4 Rt. Mill Creek Rd.		
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52+60 Lt. CI.II Pr. Dr. 16'-12' 86' 15'-25' 52+85 Lt. CI.II Pr. Dr. 12' 91' 15'-25'	25.4	
53+23 Rt. CI. II Pr. Dr. 12' 28' 25'-15'	15.0	
TOTAL	75 80 194 266 214 280 1-272 31 2.0 3.1 2.0 3.5 460 460 460 460 460 460 460 460 460 460	
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보다는 1950년 전에 가장 그리는 그 회에 불편한 회사에 대한 사람들이 가는 함께 하는 사람들은 경우를 가는 가장 그리고 있다. 기계		
	APRIL 1973	

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