2841

ROAD CONTRACT NO.

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-3275(A)	1980	1	4

RIGHT OF WAY PLANS

CODE No. T020

STATE OF INDIANA

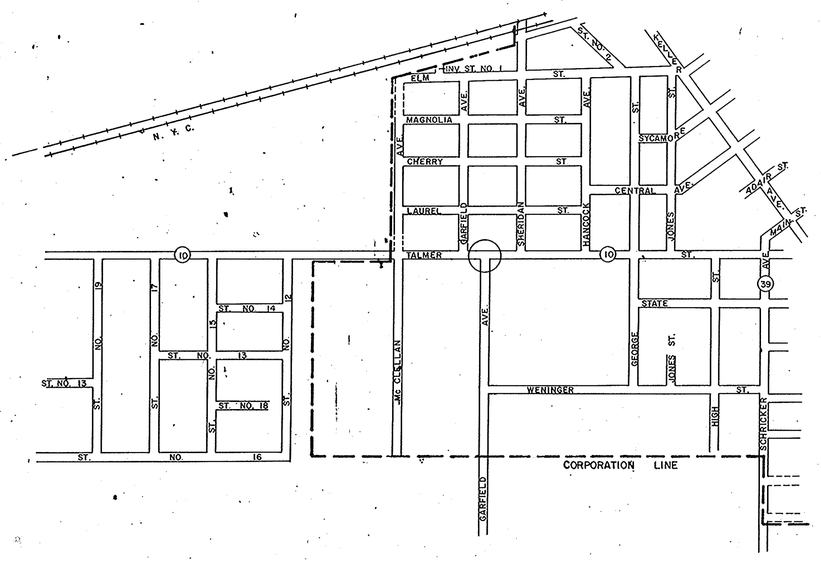
INDIANA STATE HIGHWAY COMMISSION

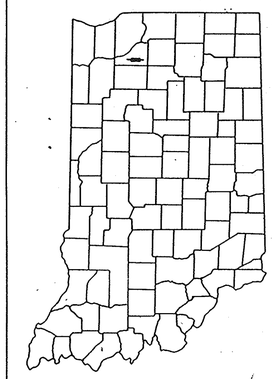
PLAN AND PROFILE OF PROPOSED

STATE HIGHWAY

PROJECT NO. ST-3275 (A)

THIS PROJECT SHALL CONSIST OF CHANNELIZATION IMPROVEMENT AT THE INTERSETION OF STATE ROAD 10 AND GARFIELD AVENUE IN THE CITY OF NORTH JUDSON, STARKE COUNTY.





LOCATION OF SECTION INDICATED THUS

DESIGN DATA	
A.D.T. (19)	V.P.D.
A.D.T. (19) PROJECTED	V.P.D.
D.H.V. (19)	V.P.H.
DIRECTIONAL DISTRIBUTION	%
TRUCKS D.H.V. A.D.T.	%
DESIGN SPEED	M.P.H.
ACCESS CONTROL	

LEGEND

- (A) BARRICADE TYPE "A"
- (B) BARRICADE TYPE "B"
- (C) CONSTRUCTION SIGN TYPE "A"
- (D) CONSTRUCTION IDENTIFICATION SIGN
- (A1) PERMANENT BARRICADE TYPE "A"

Code 2841
4 Sheets

RECOMMENDED FOR APPROVAL _____

ENGINEER OF TRAFFIC DESIGN

RECOMMENDED FOR APPROVAL _____

CHIEF ENGINEER DIVISION OF TRAFFIC

BW 7-10-80

RECOMMENDED FOR APPROVAL 7-11-80 APPROVED 7-14-80

John W. Burnett — CHIEF, DIVISION OF LAND ACQUISITION

G K Hallock — CHIEF ENGINEER INDIANA STATE HIGHWAY COMMISSION

RIGHT OF WAY PLANS ONLY

S R. 10 & GARFIELD AVE.
NORTH JUDSON
STARKE CO.

INDIANA STATE HIGHWAY COMMISSION
STANDARD SPECIFICATIONS DATED 1978
TO BE USED WITH THESE PLANS

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

APPROVED

DIVISION ENGINEER DATE

ROAD FILE:-

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-3275(A)		1		

SEPT. 1970

2841

UTILITIES

POWER LINE :	NORTHERN INDIANA PUBLIC SERVICE CO. 5265 HOHMAN AVE. HOMMOND, IND.
TELEPHONE :	UNITED TELEPHONE CO. OF INDIANA WARSAW, INDIANA P.O. BOX 391
GAS :	NORTHERN INDIANA PUBLIC SERVICE CO. 5265 HOHMAN AVE. HOMMOND, IND.
WATER & SERVICE :	TOWN OF NORTH JUDSON NORTH JUDSON, IND.

REVISIONS

SHEET NO	DATE	REVISED
4	11-3-80	ADDED SIDEWALK - PAR. 1

R/W INDEX

SHEET NO	DESIGNATION
1	Title Sheet
2	Information Sheet
3	Parcel Listing Sheet
4	Details

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 _____ inches.

Standard single lane pavement sections _____ as shown on Sheet No ___ to be used on this project.

** 7 inches pavement shall be used.

Typical cross section as shown on Sheets No ___ to be used on this project.

** Standards under dates as listed in the index on this sheet to be used on this project.

All Ditches of 1% grade and over shall be sodded except where ditch is in rock cut or where Paved Side Ditch is to be constructed.

Sodding shall be placed as shown on Standard and Typical Cross Sections and on Miscellaneous Standard Sheet "MB".

All Earth Shoulders, Median Area, 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 No

The final Cross-Sections of the "Grading Contract" shall be the original cross-sections of the "Paving Contract" except 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 Station _____ and Station _____, the Contractor will be required to remove the present roadway surface and base as directed by the Engineer.

For Kinds of Pipe permitted for each size and classification as shown on the Structure Data Sheet, see Miscellaneous Standard Sheets "MP" and "MP-1".

Such part of existing downspout drains that are disturbed by either adding or replacing the curb, shall be replaced and connected as directed by the Engineer. Payment for this work shall be included in the Contract unit price for _____ Curb.

The Contractor must accept the plan quantities of Subbase as given on the Estimate of Quantities Sheet subject to the conditions as set out in 307.07 of the Standard Specifications.

The minimum grade for Underdrains shall be 0.20%. Where the profile grade is less than 0.20% special grades for Underdrains shall be established by the Engineer.

County Road _____ shall have 4 "Edge Lines" and "Skip Center Lines" as set out in "Special Provisions" and "Yellow 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 be 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.

All Highway Drainage Structures 42" dia and over have been designed on the basis of a 10 year storm frequency. (Except Structure Numbers _____, which have been designed for a _____ year storm frequency)

The elevations of the design headwater for each culvert having a design flood of more than 500 cubic feet per second, are shown on the Plan-Profile Sheets at the culvert locations.

The quantity Crown Vetch Seeding, shown on the Estimate of Quantities Sheet is to be used at those locations where the slopes are 3:1 or steeper or in an area requiring sand cut or sand fills or as directed by the Engineer.

The quantity of Peat Excavation as shown the plans has been estimated on the basis of theoretical cross-sections by using Method "A" where it applies and Method "B" where it applies.

Preformed Joint Material for Cross-overs, Drives, Road Approaches and Sidewalk will not be paid for directly, the cost thereof to be included in the contract unit price for the various items in the contract.

For Paved side ditch and Sodding Quantities see table on Sheet No _____

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 have the option of using either the Steel Beam Section, the Semi-Ellipse Aluminum Tubular Section or the Steel Tubular Section.

When Guard Rail Type "C" 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.

When Guard Rail Type "D" is called for on this project the Contractor shall have the option of using either the Steel Beam Sections, 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 Beam 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 Beam 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 either, the the Semi-Ellipse Aluminum Tubular Section or the Steel Tubular Section.

The Engineer may Change the Type of Fence Shown on the Plans upon Receipt of Reasonable, Written Justification from the Property Owner.

Prior to extending existing pipe structures, headwall in place on extended end shall be removed.

** Unless otherwise specified the contractor shall have the option of using either Hot Asphaltic Concrete (HAC) or Hot Asphaltic Emulsion (HAE) on all Bituminous items.

Movement of excavation is shown on Mass Haul Diagram on Sheet No. _____, with the entire project being one balance.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX

FEDERAL ROAD REGION NO	STATE	PROJECT NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
5	IND.	ST-3275(A)	1980	2	4

SHEET NO	DESIGNATION	FHWA APPROVAL	DATE ADOPTED "A" or LATEST REVISION "R"
1	TITLE SHEET		
2	INFORMATION SHEET		
	TYPICAL CROSS SECTION		
	PLAT NO 1		
	PLAN AND PROFILE		
3	DETAILS		
	TABLE OF QUANTITIES		
	STRUCTURE DATA		
	AERIAL MOSAIC		
4	ESTIMATE OF QUANTITIES		
5	ESTIMATE OF QUANTITIES (CONT)		
	STD DIVIDED LANE SECTION ( )		
	STD SINGLE LANE SECTION		
	STD RAMP SECTION		
	STD PAVEMENT JOINTS SHEET "A"		
	STD PAVEMENT JOINTS SHEET "B"		
	MISCELLANEOUS STANDARDS, SHEET "MA"		
	MISCELLANEOUS STANDARDS, SHEET "MA-1"		
	MISCELLANEOUS STANDARDS, SHEET "MA-2"		
	MISCELLANEOUS STANDARDS, SHEET "MB"		
	MISCELLANEOUS STANDARDS, SHEET "MB-1"		
	MISCELLANEOUS STANDARDS, SHEET "MB-2"		
	MISCELLANEOUS STANDARDS, SHEET "MC"		
6	MISCELLANEOUS STANDARDS, SHEET "MC-1"	10-21-76	R 7-1-76
7	MISCELLANEOUS STANDARDS, SHEET "MD"	6-14-74	R 1-2-74
	MISCELLANEOUS STANDARDS, SHEET "MD-1"		
	MISCELLANEOUS STANDARDS, SHEET "MD-2"		
	MISCELLANEOUS STANDARDS, SHEET "MD-3"		
	MISCELLANEOUS STANDARDS, SHEET "MD-4"		
8	MISCELLANEOUS STANDARDS, SHEET "ME"	6-9-71	R 3-1-71
	MISCELLANEOUS STANDARDS, SHEET "ME-1"		
	MISCELLANEOUS STANDARDS, SHEET "ME-2"		
	MISCELLANEOUS STANDARDS, SHEET "MH"		
	MISCELLANEOUS STANDARDS, SHEET "MH-1"		
	MISCELLANEOUS STANDARDS, SHEET "MH-2"		
	MISCELLANEOUS STANDARDS, SHEET "MI"		
	MISCELLANEOUS STANDARDS, SHEET "MI-1"		
	MISCELLANEOUS STANDARDS, SHEET "MI-2"		
	MISCELLANEOUS STANDARDS, SHEET "MJ"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-1"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-2"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-2A"		
	MISCELLANEOUS STANDARDS, SHEET "MJ-3"		
	MISCELLANEOUS STANDARDS, SHEET "MN"		
	MISCELLANEOUS STANDARDS, SHEET "MP"		
	MISCELLANEOUS STANDARDS, SHEET "MP-1"		
	MISCELLANEOUS STANDARDS, SHEET "MQ"		
	MISCELLANEOUS STANDARDS, SHEET "MR"		
	MISCELLANEOUS STANDARDS, SHEET "S"		
	MISCELLANEOUS STANDARDS, SHEET "S-1"		
	MISCELLANEOUS STANDARDS, SHEET "MT"		
	MISCELLANEOUS STANDARDS, SHEET "MT-1"		
	MISCELLANEOUS STANDARDS, SHEET "MT-1A"		
	MISCELLANEOUS STANDARDS, SHEET "MT-2"		
	MISCELLANEOUS STANDARDS, SHEET "MT-3"		
	MISCELLANEOUS STANDARDS, SHEET "MT-7"		
	MISCELLANEOUS STANDARDS, SHEET "MT-9"		
	MISCELLANEOUS STANDARDS, SHEET "MV-4"		
	STD STR CONN FOR EXTENSION SHEET MU		
	STD R C BOX CULV		
	STD R C BOX CULV SK END & WING DET SK		
	STD R C BOX CULV SK END & WING DET SK		
	STD R C CULV W O F		
	STD R C CULV U F		
	STD R C CULV W O F SK		
	STD R C CULV U F SK		
	GUARD RAIL SHEET GR-1		
	GUARD RAIL SHEET GR-2		
	GUARD RAIL SHEET GR-3		
	GUARD RAIL SHEET GR-4A		
	GUARD RAIL SHEET GR-4		
	ALUMINUM GUARD RAIL DETAILS, SHEET GR-5		
	STEEL TUBE GUARD RAIL DETAILS, SHEET GR-6		
	GUARD RAIL PIER CONNECTION DETAILS, SHEET GR-7		
	GUARD RAIL SHEET GR-8		
	GUARD RAIL SHEET GR-9		
	GUARD RAIL BURIED ENDS, SHEET, GR-10		
	GUARD RAIL BREAKAWAY CABLE TERMINAL, SHEET GR 10A		
	GUARD RAIL BREAKAWAY CABLE TERMINAL, SHEET GR 10B		
	GUARD RAIL BREAKAWAY CABLE TERMINAL, SHEET GR 10C		
	CONCRETE MEDIAN BARRIER, SHEET CB-1		
	STD FOR SUPERELEVATION SHEET 2		
	STD DETOUR SIGNS, SHEET 1		
	STD DETOUR SIGNS, SHEET 1A		
9	STD DETOUR SIGNS, SHEET 2		R 6-1-79
10	STD DETOUR SIGNS, SHEET 2A		R 8-1-79
11	STD DETOUR SIGNS, SHEET 3	5-18-77	R 4-1-77
	STD DETOUR SIGNS, SHEET 3A		
12	STD DETOUR SIGNS, SHEET 4	5-18-77	R 4-1-77
13	STD DETOUR SIGNS, SHEET 5	11-29-76	R 6-1-76
	TRAFFIC SIGN DETAILS, SHEET 9		
	CROSS SECTIONS		

* F.H.W.A. APPROVAL PENDING

ROAD SR 10 COUNTY-STARKE PROJECT ST-3275 (A) L.A. CODE 7020 DATE 07/10/80

LALIO

PARCEL LISTING FOR LAND ACQUISITION
INDIANA STATE HIGHWAY COMMISSION

PARCEL NUMBER	GRANTOR	CENTER LINE	FROM APPROX STA.	TO APPROX STA.	PLAN SHEET	BRIDGE	TOTAL AREA	R/W EXISTING	NATURE OF TITLE	LAND TO BE ACQUIRED	RESIDUE AREA	BLDG.
1	GOLLNICK, J. R. ET UX.	B	298	298	4		12,709SF	4,718SF	FS	417SF	A= 7,574SF	

* (ASTERISK) IN THE BRIDGE COLUMN INDICATES THE PARCEL IS PARTIALLY OR COMPLETELY WITHIN THE LIMITS OF A BRIDGE PROJECT.
* (ASTERISK) IN THE BLDG. COLUMN INDICATES A BUILDING TO BE REMOVED IS PARTIALLY OR COMPLETELY WITHIN THE R/W REQUIRED.

FS = FEE SIMPLE TITLE

1482

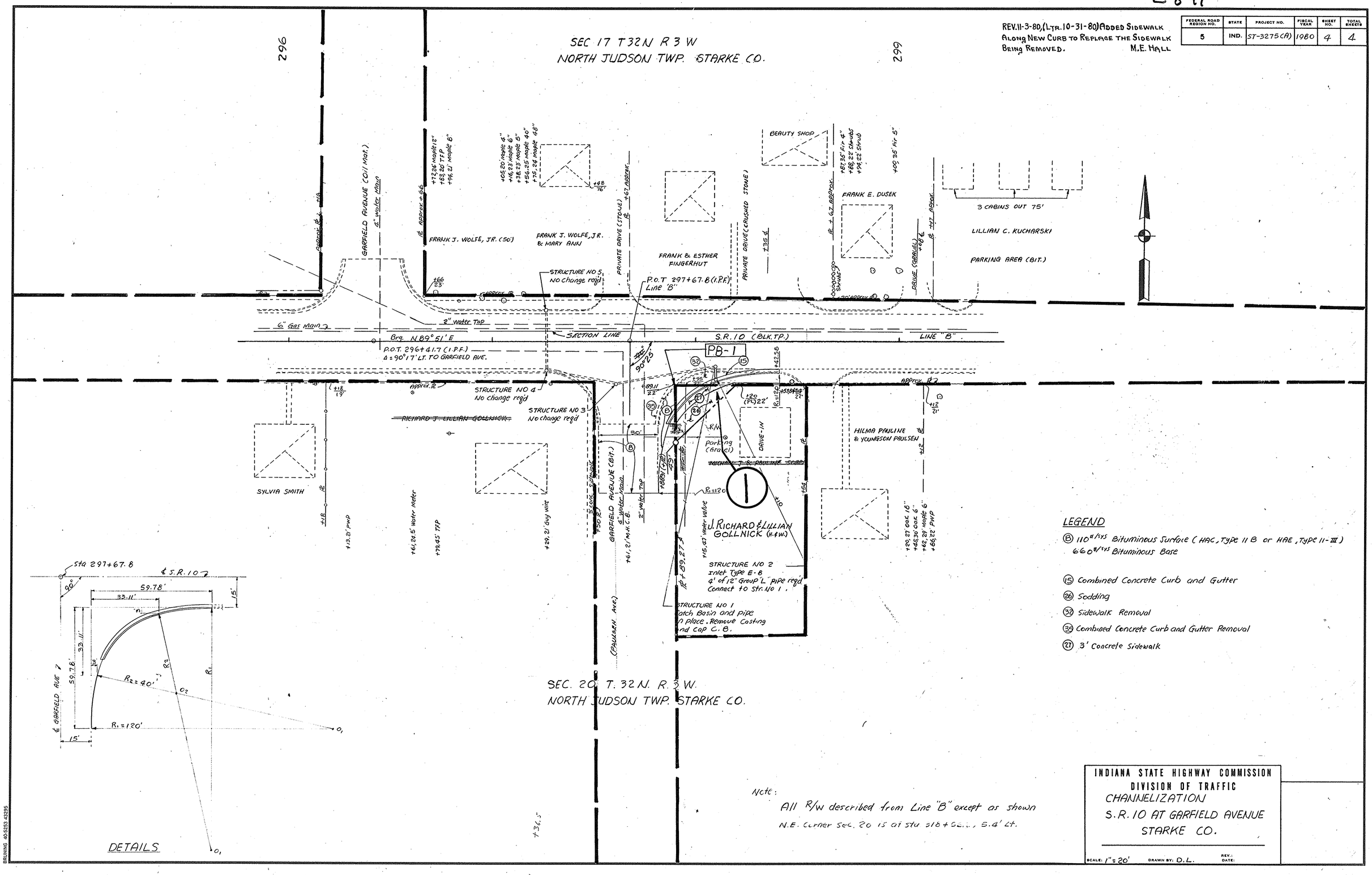
FEDERAL ROAD AREAS NO.	STATE	PROJECT NO.	TOTAL YEAR	PAGE NO.	TOTAL PAGES
5	IND.	ST-3275 (A)	1980	3	4

FEDERAL ROAD AREAS NO.	STATE	PROJECT NO.	TOTAL YEAR	PAGE NO.	TOTAL PAGES
5	IND.	ST-3275(A)	1980	3	4

2841

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-3275(A)	1980	4	4

REV. 11-3-80, (LTR. 10-31-80) ADDED SIDEWALK ALONG NEW CURB TO REPLACE THE SIDEWALK BEING REMOVED. M.E. HALL



INDIANA STATE HIGHWAY COMMISSION
DIVISION OF TRAFFIC
CHANNELIZATION
S.R. 10 AT GARFIELD AVENUE
STARKE CO.

SCALE: 1" = 20' DRAWN BY: D.L. REV.: DATE:

BRUNING 40-5253 43295