Gasb 34 Footages for Historical Cost

Drain Type:	Size:	Length:	Price:	Cost:
ILC.P	12"	131	7.25/15	94.25
REP	36"	243'	32.20/14	7886.29
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Drain-Improvement: ANNA ICENDALL JJ.M THEMPOON ARM 1992 HONER ST. IMPROVEMENTS

Sum: 256'

Final Report: _____ ၃ မေ ေ

* Runoved & FEET From Wostfield 1998 Relocation



TO Ramilton County Drainage Board

RE: J.M. Thompson Drain

Attached is a petition for the extension of the J.M. Thompson Drain. The extension is being proposed as part of the improvements for Hoover Street.

The construction costs shall be borne by the Town of Westfield as part of the road improvements. The maintenance cost for this drain shall remain unchanged. No further parcels shall be included in the drainage shed.

The reconstruction shall include the following as shown on the sheets as noted:

SHEET 5 243 feet of 36" RCP form STA 14+71 to STA 17+14 or STR. 17 to STR 20
SHEET 7 8 feet of 24" RCP between STR 30A and 31 13 feet of 12" RCP between STR 30 and 30B

Total length of the proposed reconstruction is 264 feet of which 243 feet is being reconstructed as pipe in lieu of open swale along the North side of Hoover Street. A total of

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twenty-one (21') feet shall be new drain.

I recommend the Board set a hearing for this drain in May 1992. I also recommend that the Town of Westfield pay the cost of postage for the required notices.

Kenton C. Ward Hamilton County Surveyor

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To: Town of Westfield Attn: Mike Maddox

Re: J.M. Thompson Drain

Enclosed is a petition for reconstruction for extending the J.M. Thompson Drain. This petition must be signed by the Town Council. This extension is shown on sheet 5 of the plan which is between Structure 20 to Structure 17 consisting of 243 feet of 36" RCP. If you have any other sections you would like to add or if you have any questions please contact me.

Sincerely

Kenton C. Ward, / Hamilton County Surveyor

KCW/jh

cc: HNTB - Gerard Tarantino $f_{i} = c c p_{i}$

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Jown of Westfield

130 PENN STREET P.O. BOX 322 WESTFIELD, INDIANA 46074

October 15,1991

TO: Kent Ward Hamilton Co. Drainage Board 942 Maple Av. Noblesville, IN 46060

FROM: Michael Maddox

RE: J.M. Thompson Drain

Dear Mr. Ward,

Enclosed please find the petition for the reconstruction of the J.M.Thompson Drain at Hoover Street. Please have all commisioners sign off, and send me a copy.

Yours Truly,

Michael Maddox Utilities Superintendent Westfield, Indiana



OFFICE OF HAMILTON COUNTY SURVEYOR

This copy printed from the Digital Archive of the Hamilton County Surveyor's Office; One Hamilto

Hamilton County Drainage Board Court House Noblesville, Indiana

IN RE: Westfield Town Council

Hamilton County, Indiana

PETITION FOR RELOCATION AND RECONSTRUCTION

<u>Westfield Town Council</u> (hereinafter "Petitioner"), hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the <u>J.M. Thompson</u> Drain, and in support of said petition advises the Board that:

- 1. Petitioner owns real estate through which a portion of the J.M. Thompson Drain runs.
- 2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains, sanitary sewers and other structures.
- 3. Petitioner's proposed development of its real estate will require relocation and reconstruction of a portion of the <u>J.M. Thompson</u> Drain, as specifically shown on engineering plans and specifications filed with the Hamilton County Surveyor.
- 4. The work necessary for the proposed relocation and reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the <u>J.M. Thompson</u> Drain, without cost to other property owners on the watershed of the <u>J.M. Thompson</u> Drain.

WHEREFORE, Petitioner requests that an Order issue from the Hamilton County Drainage Board authorizing relocation and reconstruction of the <u>J.M. Thompson</u> Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

James A. Williamson Printed Name

President of Town Council



Howard Needles Tammen & Sergendoff Architects Engineers Planners 111 Momment Eircle Indianapolis, Indiana 16204-5179 (317) 656-662 BAX (317) 655-4583

February 18, 1992

Mr. Kenton Ward Hamilton County Surveyor 942 Maple Avenue Noblesville, IN 46060

Re: J. M. Thompson Legal Drain Town of Westfield, Indiana

Dear Mr. Ward:

At their February 10, 1992 council meeting, the Town of Westfield indicated their intent to proceed at this time with at least the western portion of the proposed roadway improvements to Hoover Street. As you are aware, your office has already approved the drainage plans for this project. Construction on the project is scheduled to begin this spring.

On behalf of the Town of Westfield, we have been requested to indicate the Town's opinion that the extension of the proposed 36-inch diameter storm sewer westward along Hoover Street be considered a part of the J. M. Thompson Legal Drain and accordingly be owned and maintained by the county. Any lateral connections to the trunk sewer arising from the street reconstruction will be owned and maintained by the Town of Westfield.

Please let us know if you have any questions on the above recommendation made on behalf of the Town.

Very truly yours,

HOWARD NEEDLES TAMMEN & BERGENDOFF

John E. Kupke, (Ż.E. Associate

JEK/ljc

cc: Mr. Jack Hart, Council President Mr. Michael Maddox, Utilities Superintendent

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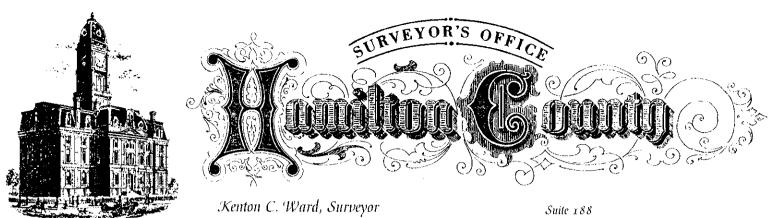
 HOWARD NEEDLES TAMMEN & BERGENDOFF ARCHITECTS ENGINEERS PLANNERS

111 Monument Circle Indianapolis, Indiana 46204-5178 (317) 636-4682

Date:	2/18/92	Time: <u>3:44 P.H.</u>
TO:	Name:	Kenton Ward
	Business:	Hamilton County Surveyor
	Telecopier #:	776-9628
FROM:	Name:	John Kupke
	Telecopier #:	(317) 633-0505
	Project Name:	
,	Project Number:	15277
	Number of Pages	Transmitted (including this page): 2

ADDITIONAL INSTRUCTIONS OR MESSAGES:

If transmission problems are encountered please call Mike Kincy at (317) 636-4682



C. Wara, Survey Phone (317) 776-8495 Fax (317) 776-9628 Suite 188 One Ilamilton County Square Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

September 23, 2003

Re: J.M. Thompson Drain – Hoover Street Ext.

Attached are as-builts, certificate of completion & compliance, and other information for Hoover Street Extension. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated February 18, 1992. The report was approved by the Board at the hearing held May 18, 1992. (See Drainage Board Minutes Book 3, Page 18) The changes are as follows:

The 8 feet of 24"RCP between Structures 30A and 31 was removed with the Westfield Washington Schools Improvements in 1998.

The length of the drain due to the changes described above is now 256 feet.

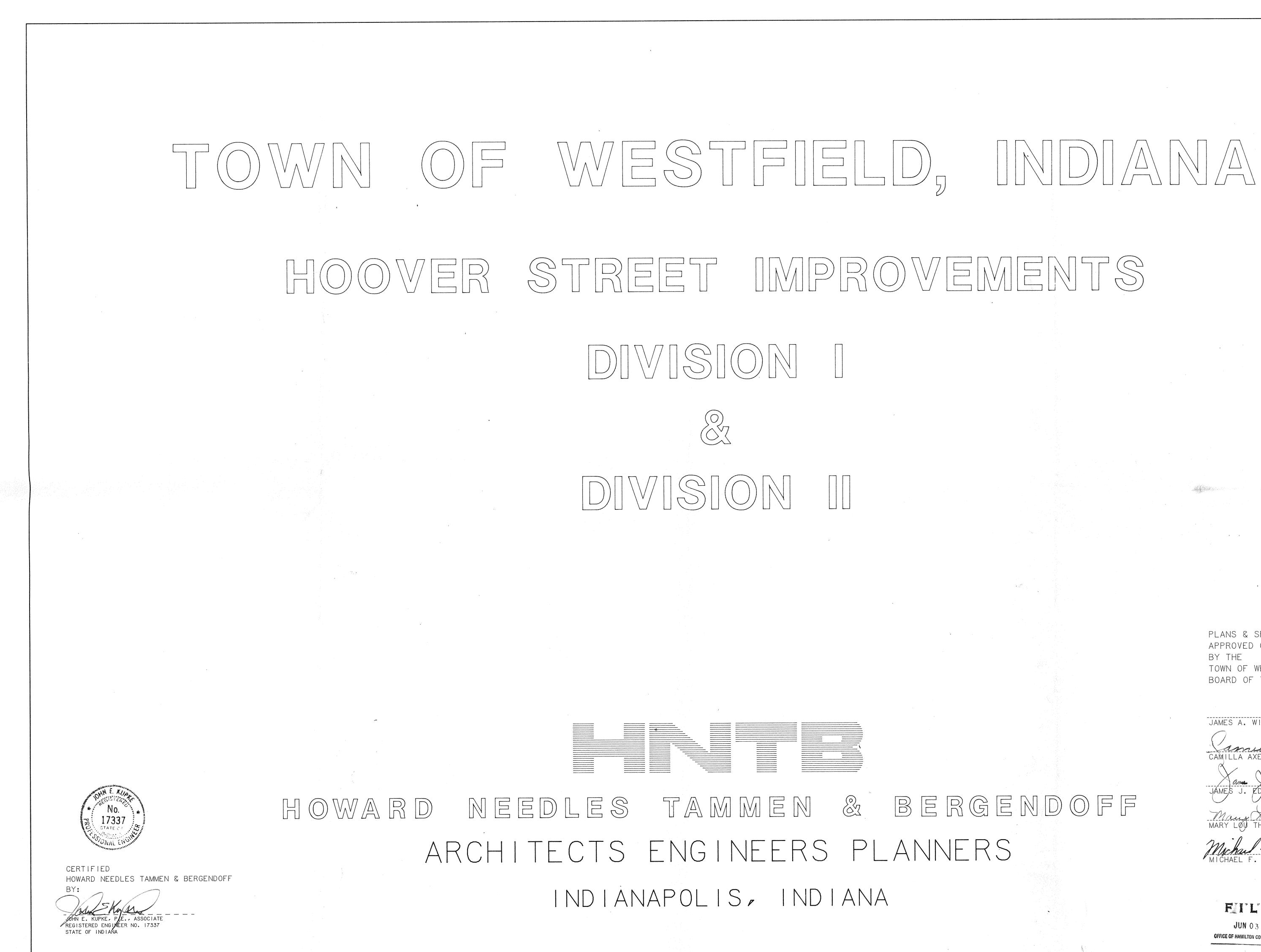
The cost of construction was borne by the Town of Westfield as part of the road improvements for Hoover Street.

I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,

Kenton C. Ward, Hamilton County Surveyor

KCW/slm



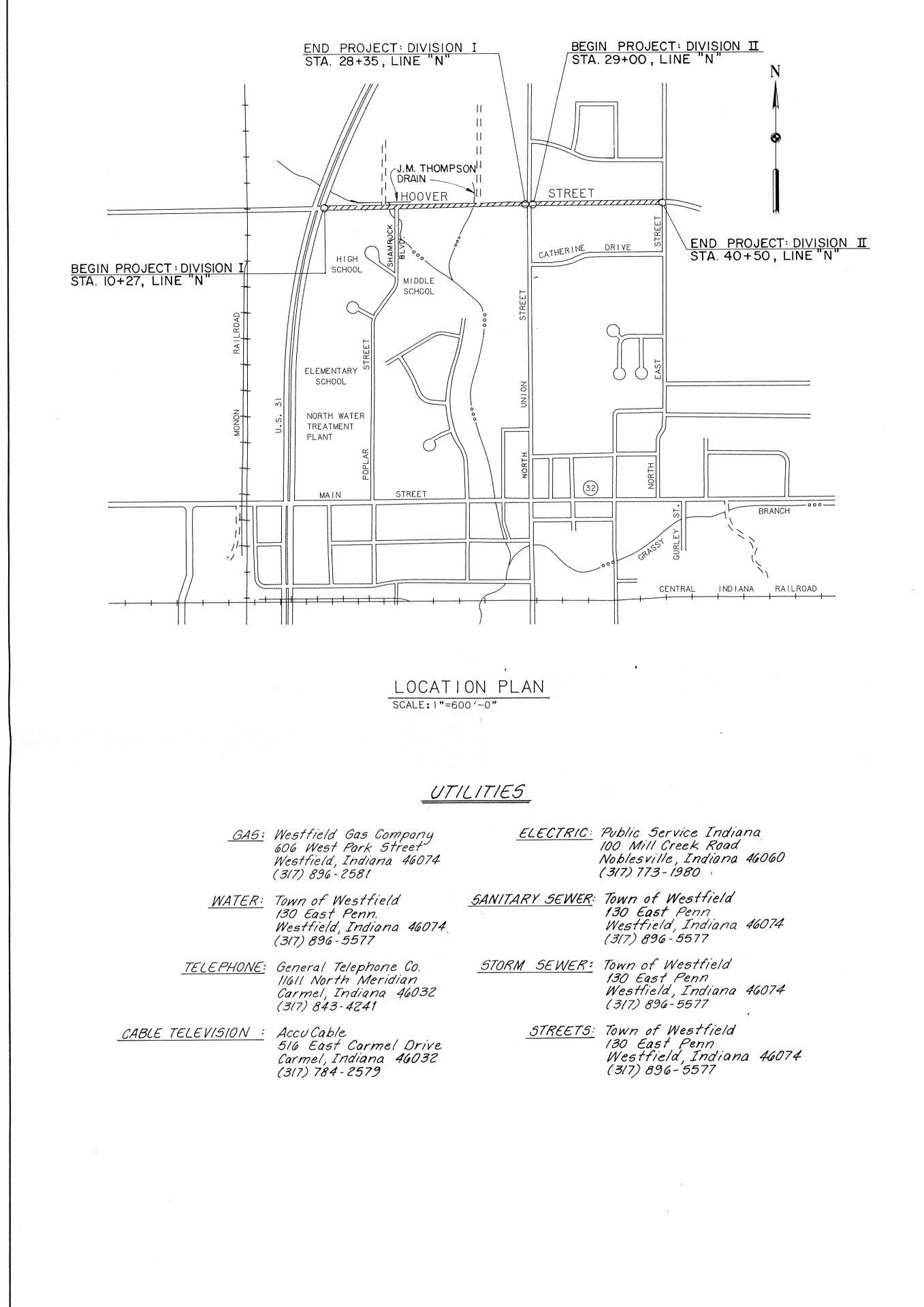
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PLANS & SPECIFICATIONS APPROVED ON MAY 31, 1991 BY THE TOWN OF WESTFIELD BOARD OF TRUSTEES

JAMES A. WILLIAMSON, PRESIDENT

FILED JUN 03 1991 OFFICE OF HAMILTON COUNTY SURVEYOR

SET NO.



VERIFY SCALES	SYMBOL	REVISIONS	BY	DATE	APPROVED	Innin TAR	DESIGNER	D.R.C.	
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GENERAL NOTES	
1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES SHOWN ON	INDEX TO DRAWINGS
THESE PLANS IS FROM INFORMATION PROVIDED BY THE INDIVIDUAL UTILITY COMPANIES. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY UTILITY CONFLICT.	2 General Information
2. ALL STORM SEWER TRENCHES UNDER PAVED AREAS SHALL HAVE FULL DEPTH GRANULAR BACKFILL.	3 Typical Gross Sections
3. CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AT ALL TIMES.	4.9 Plan & Profile
4. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH THE UTILITY COMPANIES TO MINIMIZE INTERFERENCE WITH UTILITY RELOCATION.	10 Structure Data
5. THE EXISTING GUARD RAIL TO BE REMOVED ALONG THE NORTH SIDE OF HOOVER STREET SHALL REMAIN THE PROPERTY OF THE COUNTY.	11 Marking & Signage 12-31 Miscellaneous Details
6. CONTRACTOR SHALL NOTIFY THE HAMILTON COUNTY SURVEYOR AT LEAST 30 DAYS PRIOR TO BEGINNING CONSTRUCTION IN ORDER THAT	
THE SECTION CORNERS AT UNION STREET MAY BE PROTECTED. 7. CONTRACTOR SHALL MAINTAIN FLOW TO THE J. M. THOMPSON DRAIN DURING CONSTRUCTION.	32-51 Cross Sections
8. IF DIVISION I AND DIVISION II ARE CONSTRUCTED CONCURRENTLY, STR. NO. 29C SHALL BE ELIMINATED. THE 72" X 42" CMPA WILL BE REMOVED AND STR. NO. 29B SHALL BE REPAIRED AS REQUIRED.	
9. ALL EXISTING MATERIAL THAT HAS BEEN REMOVED SHALL BE DISPOSED OF OFF SITE BY THE CONTRACTOR, OR AS DIRECTED.	
10. ALL DISTURBED AREAS NOT PAVED OR SODDED SHALL BE SEEDED.	
11. ALL CONSTRUCTION EQUIPMENT SHALL BE STORED IN THE CONTRACTOR'S STAGING AREA AND SHALL NOT BE LEFT ALONG THE PROJECT OVER NIGHT OR WEEKENDS.	BENCH MARKS BM1 EL. 876.57
12. CONTRACTOR SHALL PERFORM ALL WORK ACCORDING TO APPLICABLE OSHA STANDARDS.	USGS BRONZE DISK MARKED "HAMG11" SET IN NORTHEAST SIDE OF SOUTH HEADWALL IN WEST WING WALL OF CULVERT ON S.R. 32 OVER
13. SAFETY FENCING SHALL BE REQUIRED AROUND ALL OPEN EXCAVATIONS.	BOWMAN DITCH. TBM EL. 890.71
14. ALL NEW STORM SEWER PIPE SHALL BE CLASS III R.C.P. UNLESS OTHERWISE NOTED.	RAILROAD SPIKE SET IN SOUTH SIDE POWER POLE IN NORTHWEST CORNER OF INTERSECTION UNION STREET AND HOOVER STREET.
15. ALL UNDERDRAIN PIPE SHALL BE PERFORATED P.V.C. UNLESS OTHERWISE NOTED.	
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EROSION CONTROL NOTES	CONTROL POINT REFERENCES
1. STRAWBALES SHALL BE INSTALLED AROUND ALL C. B. AND INLETS DURING CONSTRUCTION AND SHALL REMAIN IN PLACE AS LONG AS POSSIBLE.	
2. SILT FENCE SHALL BE INSTALLED ALONG THE TOP OF BANK OF THE J. M. THOMPSON DRAIN FROM STATION $20+80\pm$ RT. TO STA. 21+30±	PKN S. Side PWP.
RT. AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.	Line"N"
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NOTE: FOR INFORMATION PURPOSES ONLY.	N. Most Flange Bolt Fire Hydramt
SUPPLEMENTAL REMOVAL ITEMS TO BE INCLUDED WITH THE CLEARING OF RIGHT-OF-WAY	PKN E. Side Lt Pole
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2G Fence Removal LF 70 0 70 2H Pipe Removal LF 291 167 458	PKN E. Side PKN W. Pwp. Side Pwp. Barn p.
21 Inlet Removal EA 1 2 3	P.1. STA 26+54.58 "N" PKN SET
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	P.1. STA 29+40.13"N"
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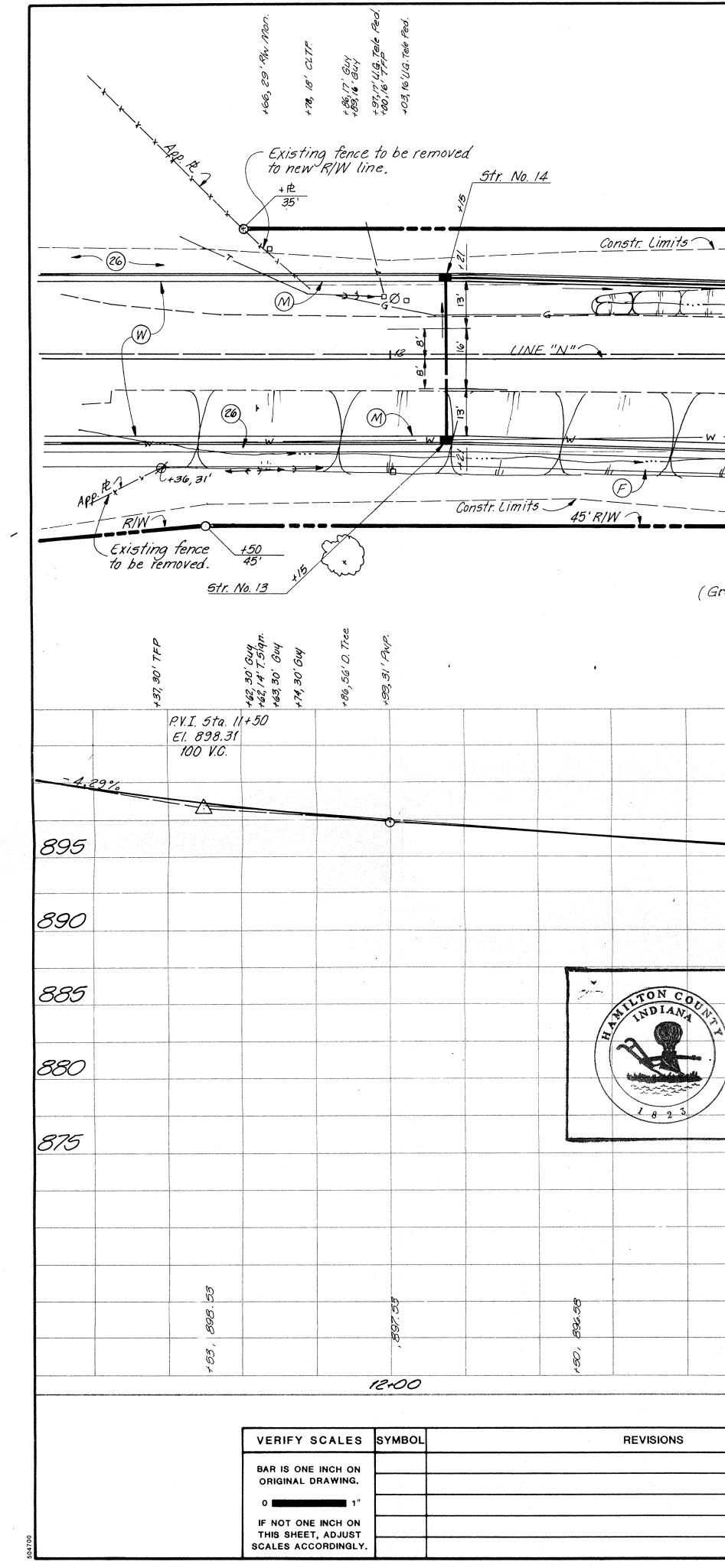
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JUN 0 3 1991 Office of Hamilton County Surveyor

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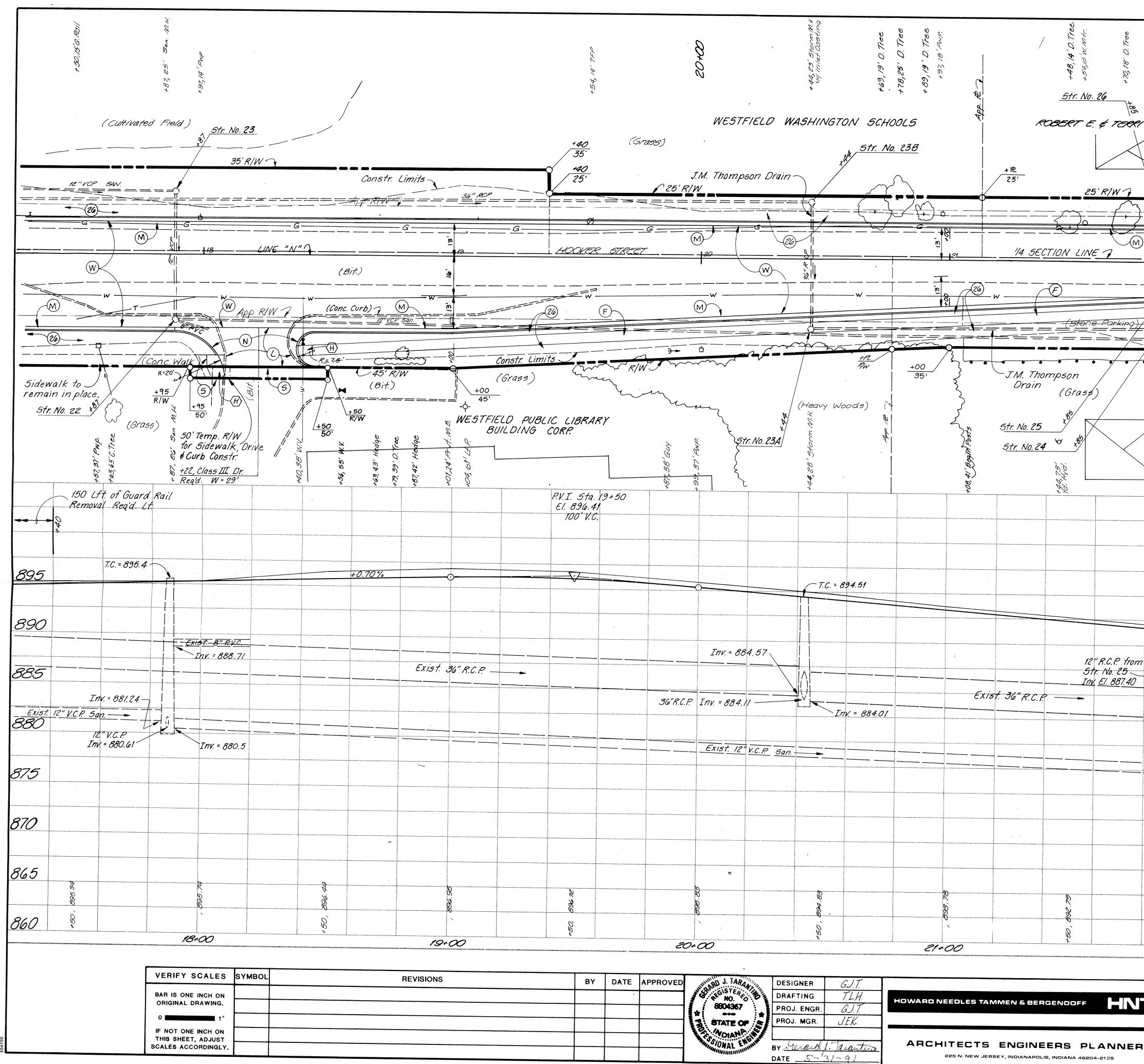
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FILED JUN 03 1991

OFFICE OF HAMILTON COUNTY SURVEYOR .

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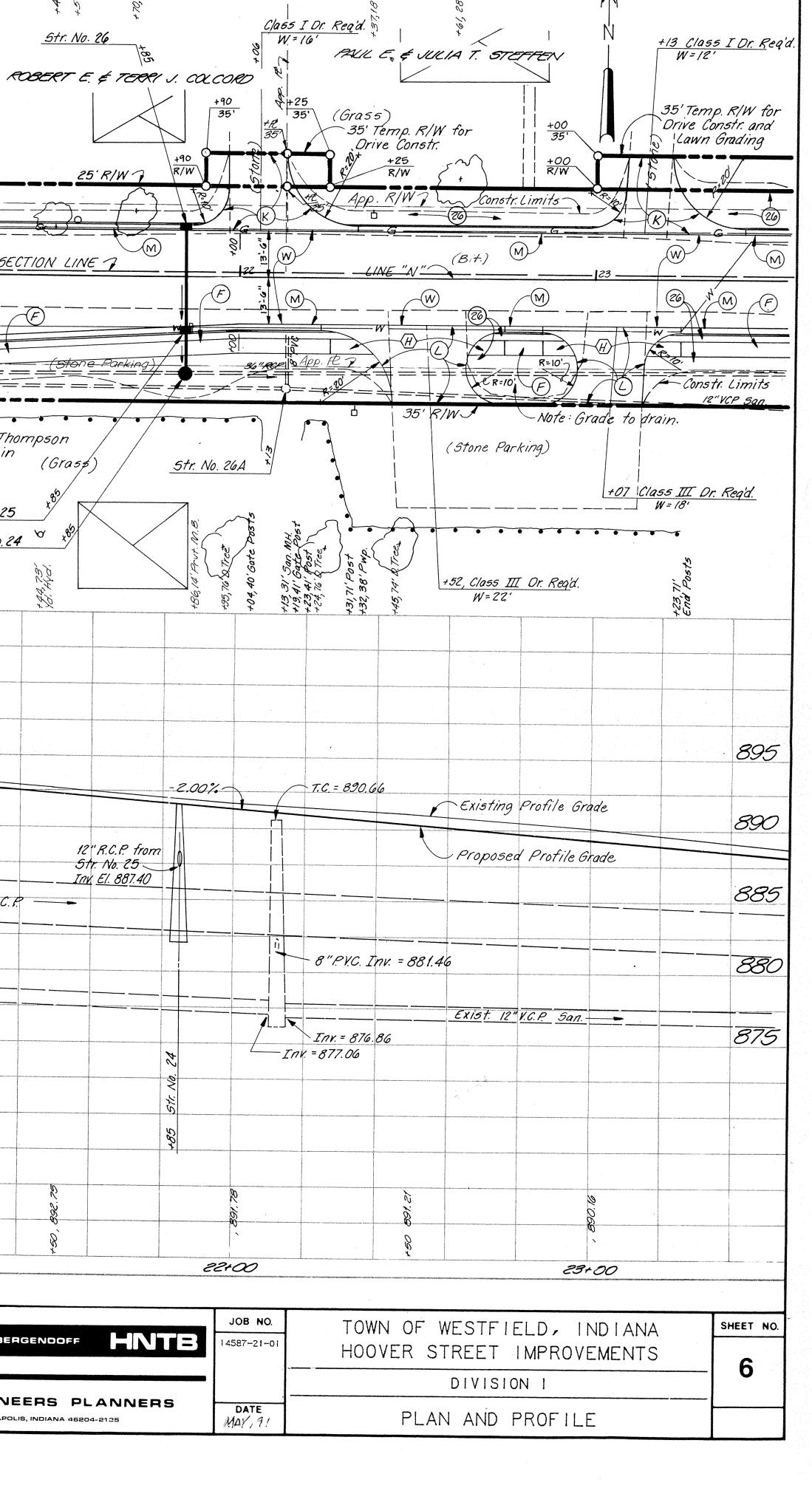
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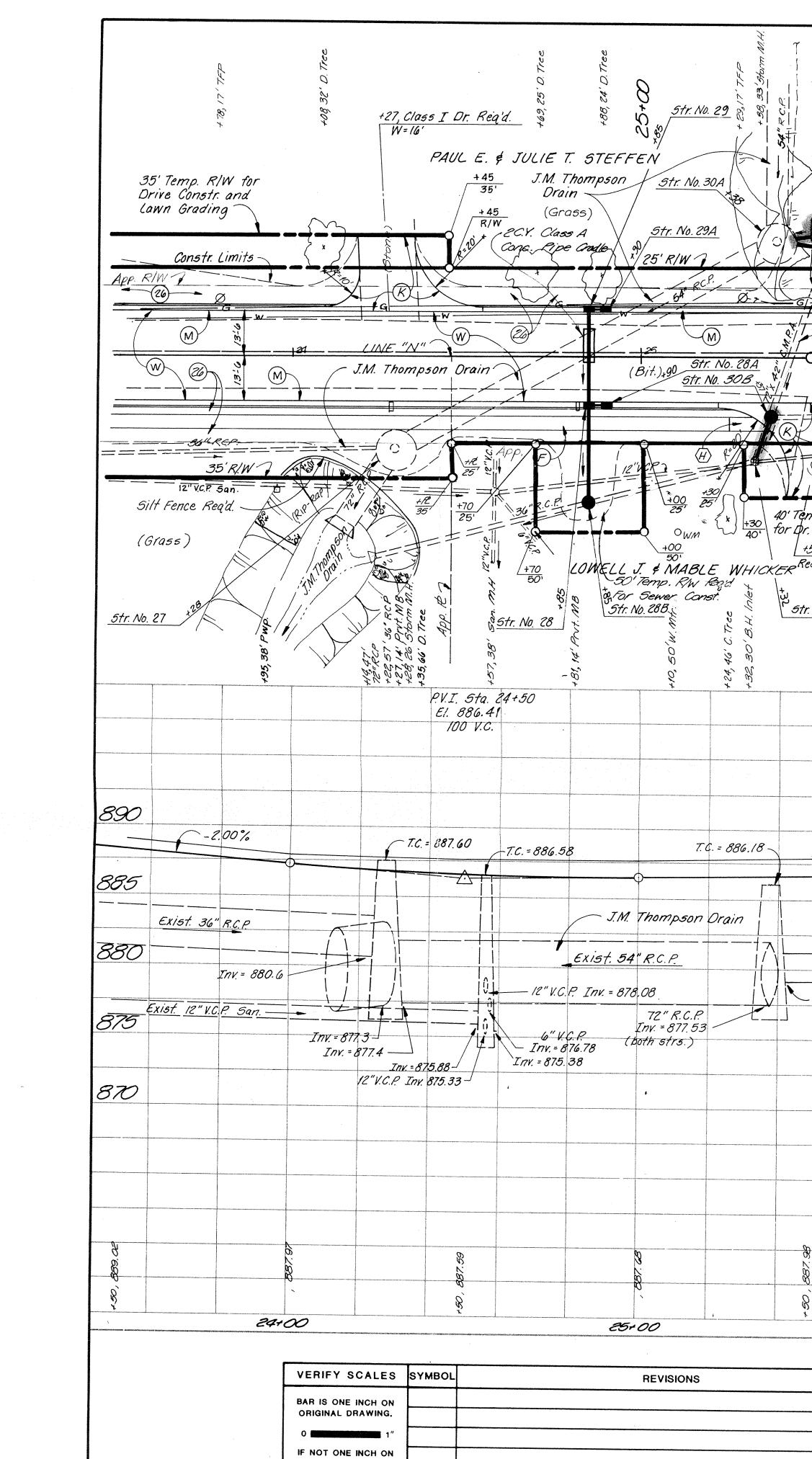
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		-		DATE	31-91	225 N. NEW JERSEY, INDIANAPOLIS, INDIANA 462



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JUN 03 1991 OFFICE OF HAMILTON COUNTY SURVEYOR and the standard and a standard a st



THIS SHEET, ADJUST SCALES ACCORDINGLY.

	egrade Exist. Ditch 20 LF = See Crose	Flow Line Section				orn	té té	r I V	0) V
	r. No. 31	<u>CLIRVE DATA</u> P.1. Sta. 26+54.	50	<u>END PROJECT:</u> STA. 28+35,L		Sign W V W V W K Sect O Man	and	юю И.И.И. П. П. С.	+6/ 40'C.Tree +64,28' D.Tree
20 60 60 10 10 10 10 10 10 10 10 10 10 10 10 10		∆= 1° 46' 12" R= 6900.04'	EUGENE D. O'M			10,000	20, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	€6,11 €6,11	A 28
	+96, Class I Dr	1 - 212 11				+ 33, 1x + 52, 4 4, 15 4, 15 4, 15 4, 15	+ + + + + + + + + + + + + + + + + + +	<u>5tr. No. 36</u>	* +
LIN IN M	W = 18' 51	E= 0,82'		<u>P.R.C.</u> Sta 27+61.13"N"		7. R.W. 44 35		N N	
	+15 35' /	$\frac{+50}{W}$	<u>CLass I Dr. Reg'd</u> 12'	+30 35' Temp. R/W fi				(Grass) Str. No. 39	K.
35' 11		$+15$ $\overline{R/W}$ $+75$		- (Sh V		Roved		TION LINE	L
	Real Providence	$\frac{+75}{R/W}$	(Bit. Parking)	- Cart - Ca	onst. <u>Limits</u> (Bit. Parking	t	$V \qquad V =$	APP. RIN	*
X (=) X A	6 R TX	25' R/W 7			C.& G. Transition			Fiber Optie	z
		ΤΤ	<i>T</i>		W ⁷	W W	~~	₩	<u></u>
2:/ To be removed.					(M)/	W LINE W	" [29]]		
<u> </u>		HOOVER STREET	127		A SECTION LINE (M)	-↓	A, 01		
	<u>5tr. No. 34</u>						5"RCP		
		IE"VCP			IE"VCP			App. RIW	0
KK 2		1		2 R=10	E M		Str. No. 37		•
AT TOTAL	(\mathcal{E})							Grass)	
	<u></u>	Grass)	+20	+40		The second secon	51	r. No. 38	
40' Temp. R/W) +65 for Dr. Constr. 40'	<u></u>	10.32 P.1. Sta 261	$\begin{array}{c c} +20\\ \hline 25'\\ \hline\\\\\\\\\\$	+40 35		1R/W 45			
(+57, Class I Dr. CKER Regid. W = 12'	. P.O.C. Sta 25+	48.01 "N"	+42, Class I Or				<u>P.1. Sta</u>	2 29+40.13 "N"	
1			Req'd. W=24"	35' Temp RIN R	Str. No. 34A	No. 35		RVE DATA	
5tr. No. 30		0	LOWELL J. & MABLE WH.	ICKER				GTA 29+40.13 2° 22' 37"	00
100.1 100.1 1.255)))	la de la d		BUSH W. M.	Dur	BE BE BE			C. Tree W. Wete
		<i>4</i> <i>1</i>		320		+32,21'Guy +37,21'Guy 56,10. +54,61'Prut. 1 +58,17' 34.0 +174,5'RKN C		1.92'	6.38
× ·		P.V.I. Sta. 26+50		+69, +		+37, 21, +37, 21, +54, 67, +54, 67, +54, 67, +74, 5', +74, 5', +74, 5',	ю́т то т		10'0' 10'0 14 x
	3	EI. 887.11 100 V.C.							
								7	
					END PROJECT : D	IVISION I			
					<i>STA. 28+35</i> EL. 889.42				
8 -	Existing Protile	e Grada		1.25%					890
+0.35%									and the state of the
	Proposed Profile	12" R.C.P. from			40' Incidental / Construction				885
	Grade	5tr. No. 53 Inv. = 883.39							
Rolft of 24"	R.C.P. CO.30%		296.154	of 18"R.C.P. C. 0.40%				18" R.C. P. from	
		Inv. = 879.58	2.50 271.	01 10 A.C.I. C 0.4070			Inv. = 880.90	18" R.C. P. from 5tr. No. 38 Inv = 880.98	380
Inv. = 879.15	INV. = 819.39 -						2		
	*								875
		24	NUTON COU This infor	mation was gathered for input			6. 39 39		Alle Sonnen di Franzischen Alle Sonnen ander eine Berner eine Berner eine Berner eine Berner eine Berner eine B
		No.	the sources	an ion was gathered for input ton County Geographical set an official record of the GIS.				· · · · · · · · · · · · · · · · · · ·	
			Entry Date				0	(870
			And the second s				*		
		¥	1823 Entered by			NOTE: 5tr. No. 39 Stub to the	and 4' of 18" R.C.P. south shall be under Division I		
						constructed contract.	under Division I		
				· · · · · · · · · · · · · · · · · · ·					
82.7.82 2.7.92	8.0	Š		- R	8	<i>3</i>	ġ.	8	
- ^K									
	26+00	Ķ	27+00	Ŗ.	28.00	+20		<i>≠</i> €0,	
un consideration de la constante appointe colonia de fait, un travers producte de la constante de la constante La constante de la constante appointe colonia de fait, un travers productes de la constante de la constante appoi	₩₩₩₩₩Ţ₩ŢŶŎŢĬŎŢŎŎŎŎŎĬŎŎŢŢŎŎĸĬĸĊŎŎIJŴĊĬŎġŎŎŎĬŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎ			๛๛๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚๚	28+00	Yan waana mana ta ka	29+00	nan an ann an an an ann an ann an ann an a	

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BY	DATE	APPROVED	WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	DESIGNER	G.J.T.	
Ι		*	LING ANGISTER THE	DRAFTING	T.L.H.	HOWARD NEEDLES TAMMEN & BERGENDOFF
	1		6804367	PROJ. EŅGR.	G.J.T.	
<u> </u>			A STATE OF	PROJ. MGR.	J.E.K.	
			A MOIANP S	Dy Mara d	Ito to	ARCHITECTS ENGINEERS PLA
			TAL MINIS	BY Alexand DATE 5-3	1-91	225 N. NEW JERSEY, INDIANAPOLIS, INDIANA 46204-2

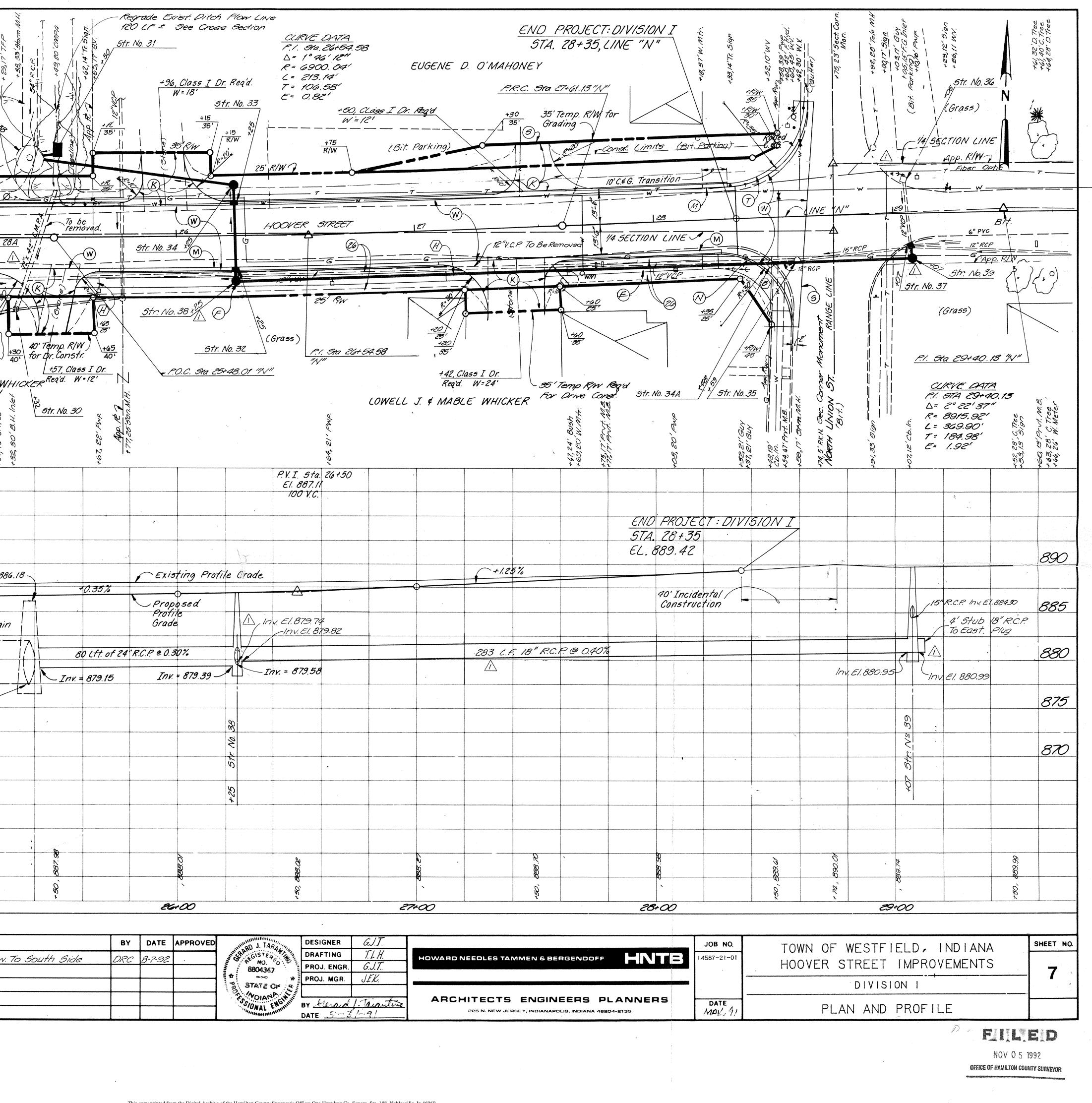
HNTE	JOB NO.	TOWN OF WESTFIELD, INDIANA	SHEET NO.
		HOOVER STREET IMPROVEMENTS	- 7 - 48
ANNERS 4-2135	DATE MAV, 41	PLAN AND PROFILE	

JUN 0 3 1991 OFFICE OF HAMILTON COUNTY SURVEYOR



5tr. No. 29 +27, Class I Dr. Req'd. W=16' PAUL E. & JULIE T. STEFFEN J.M. Thompson +45 Str. No. 30A 35' Temp. R/W for Drive Constr. and 35' Drain 'Lawn Grading-(Grass) 2C.Y. Class A 5tr. No. 29A Cons. Lipe Codler ×'/ 25' R/W -Constr. Limits -App. R/W-(26)-64 / Ør V _____ W____ M -(M) LINE "N" (Bit.),90 Str. No. 28A W) J.M. Thompson Drain ==__________ No NO T 35' R/W 12" V.C.P. 5an. Silt Fence Req'd. OWM (Grass) LOWELL J. & MABLE WHICKER Rea'd. W = 12' +70 Co may to For Sewer Const. Str. No. 288 <u>5tr. No. 27</u> \$ Str. No. 28 8000 +14,47' 72",R2.P +22,57' +23,14' +35,66' (P.V.I. Sta. 24+50 El. 886.41 100 V.C. 890 -2.00% T.C. = 887.60 T.C. = 886.18 T.C. = 886.58 885 Z·ST ------ J.M. Thompson Drain Exist. 36" R.C.P. 880 Exist. 54" R.C.P. Inv. = 880.6 - 12" V.C.P. Inv. = 878,08 875 Exist. 12" V.C.P. San. 72" R.C.P. Inv. = 877.53 -<u>6" V.C.P.</u> - Inv.= 876.78 Inv. = 8773-(both strs.) Inv. = 877.4 -----Inv. = 875. 38 Inv. = 875.88-1 12"V.C.P. Inv. 875.33-870 24+00 25+00 ' VERIFY SCALES SYMBOL REVISIONS A Change Order Nº2- Relocated Sew. To BAR IS ONE INCH ON ORIGINAL DRAWING, IF NOT ONE INCH ON THIS SHEET, ADJUST

SCALES ACCORDINGLY



	BY	DATE	APPROVED	www.mn. J. TARA	DESIGNER	G.J.T.	
to South Side	DRC	8-7-92		STUG PAREGISTER THE	DRAFTING	T.L.H.	HOWARD NEEDLES TAMMEN & BERGENDOFF
		0,00		8804367	PROJ. ENGR.	G.J.T.	
		+			PROJ. MGR.	J.E.K.	
				WAL SINK	BY <u>Margad</u> DATE <u>5-3</u>	1. Taiantine	ARCHITECTS ENGINEERS PLA 225 N. NEW JERSEY, INDIANAPOLIS, INDIANA 46204-4

-				STRUCTU	RE DA	TA				FEDERAL ROAD REGION NO.STAT5I NI	TEAK NU.
	DESCRIPTION SEE ST'D. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPPE WITH- IN EACH GROUP.	COVERTE SKEW COVER STREAM STREAM STREAM CONCRETE CONCRETE	CLASS "A" "B" BORROW "BACKFILL METHOD STEEL* METHOD STEEL*	$OR \rightarrow 0 = -$	STRUCTURE NUMBER LEFT LEFT	RIGHT CROSS INCHES SIZE	DESCRIPTION SEE ST'D. SHEET "MP" FOR ACCEPTABLE TYPE OF PIPPE WITH- IN EACH GROUP.	LENGTH LENGTH SKEW COVER COVER COVER COVER COVER COVER COVER COVER COVER	 STRE AM CONCRETE CONCRETE CONCRETE CONCRETE CONCRETE STEEL STEEL HI STEEL 	ES OR CKNESS * WN THE ALLO STATE * WN THE SYS. EA.	REMARKS
10+91 X	15" R.C.P. Culvert 30	897.90 897.46	1.3	· 2 I	35 28+59		Exist. Storm M.H.	0	0.0		I Exist Str. # 12" Pipe To Be Removed
12+15 X	12" Inlet, Type" J-10" 45	2 893.79 893.35	14.3 A	I Connect to Str. No. 14	36 29+05 X		Exist. Inlet		0-0		I Connect To Str. Nº 37
12+15 X	12" Inlet, Type"M-10" 258	2 893.27 888.90	82.1 A	I Connect to Str. No. 16	37 29+07/	X 15"	Inlet Type "M-10"	6 884.35 884.30	2 27		I Exist Inlet \$ 15" Pipe To
14+73 X	12" Inlet, Type"M-10" 45	2 889.35 888.90	14.3 A	I Connect to Str. No. 16							Be Removed
14+73 X	12" 24"Pipe Catch Basin 15	889.50 889.35	0.5	I Connect to Str. No. 15	38 26+2,5	19' 18"	Manhole,Type"C-4"	.5 7 879.74 879.7			Connect to Str. No. 32
14+78 X	12" Inlet, Type" J-10" 5	2 889.40 889.35	1.6 A	I Connect to Str. No. 15	39 29+07 /	19 18"	Manhole,Type"C-4"	283 880.95 879.8	15.1		Connect to Str. No. 38
14+71 X	12" Inlet, Type"M-10" 15	888.90 888.75	0.5	I Connect to Str. No. 17	40 30+50	X 18"	Manhole,Type"C"	129 881.62 881.1	0 6.6		II Connect to Str. No. 38
14+76 X		2 888.95 888.90	1.6 A	I Connect to Str. No. 16	41 30+50	X 12"	Inlet,Type"M-10"	7 885.24 885.1	7 0.2		II Connect to Str. No. 40
					41A 30+55	X 12"	Inlet,Type"J-10"	5 2 885.34 885.2	9 1.6 A		II Connect to Str. No. 41
	36" Type II G.B.E.S. 243	888.42 886.60	36.5	I Connect to Str. No. 20	42 · 30+50 X	12" '	Inlet,Type"J-10"	28 2 885.52 885.2	4 8.9 A		II Connect to Str. No. 41
15+38 291	Exist. San. M.H. O		0.0	I Adjust Casting to Grade	42A 30+55 X	12"	Inlet,Type"J-10"	5 2 885.57 885.5	2 1.6 A		II Connect to Str. No. 42
17+14 X	12" Inlet, Type"M-10" 10	891.02 890.92	0.3	I Connect to Str. No. 20	43 32+12	25′ 15 ″	Manhole,Type"C-4"	165 883.07 881.8	3 6.9		II Connect to Str.No. 40, Rem
17+14 22'	Exist. Beehive Inlet O		0.0	I Reconstruct Manhole & Adjust Casting to Grade							ExistC.B., Connect Exist.1 S.& E.
17+28 X	12" Inlet,Type"J-10" 47	2 891.49 891.02	15.0 A	I Connect to Str. No. 19	44 32+12	X 12"	Inlet,Type"M-10"	10 886.27 886.1	7 0.3		II Connect to Str. No. 43
17+87 261	Exist. San. M.H. O		0.0	I Adjust Casting to Grade	44A 32+12 X	12"	Inlet,Type"J-10"	28 2 886.55 886.2	7 8.9 A		II Connect to Str. No. 44
17+87 251	Exist. San. M.H. O		0.0	I Adjust Casting to Grade	45 32+19 12'		Exist. San. M.H.	0	0.0	+++++	II Adjust Casting to Grade
20+44 281	Exist. Storm M.H. O		0.0	I Adjust Casting to Grade	46 32+35 13'		Exist. Beehive Inlet	0	0.0		II Exist.Inlet tobe Removed,S
20+44 231	Exist. Storm M.H. O		0.0	I Adjust Casting to Grade	47 34+05	22' 12"	Manhole,Type"C-4"	195 886.23 884.7	6.6		II Connect to Str. No. 43
21+85 271	Manhole,Type"H-4" O		0.0	I Constr.New M.H.Ove: Exist. 36"Storm	48 34+05	X 12"	Inlet,Type"M-10"	7 887.72 887.6	5 0.2		II Connect to Str. No. 47
21+85 X	12" Inlet, Type"M-10" 15	2 887.55 887.40	4.8 A	I Connect to Str. No. 24	49 34+05 X	12"	Inlet,Type"J-10"	29 2 888.00 887.7	2 mm - kir - m 9.2 A		II Connect to Str. No. 48
· 21+85 X	12" Inlet,Type"J-10" 28	887.83 887.55	0.9	I Connect to Str. No. 25	50 39+05	X 12"	Inlet,Type"J-10"	28 2 887.57 887.4	9 8.9 A		II Connect to Str. No. 51
22+13 31	Exist. San. Manhole O		0.0	I To Remain in Place	51 39+05 X	12"	Inlet,Type"M-10"	150 2 887.4 9 887.0	94 47.8 A		II Connect to Str. No. 53
24+25 261	Exist. Storm M.H. O		0.0	I Adjust Casting to Grade	51A 40+39 23'	15"	R.C.P. Culvert	18 887.60 887.5	0.8	2	II Construct Outlet Ditch to Ditch 柜 From Str. No. 53
24+85 X	12" Inlet, Type"M-10" 27	2 882.98 882.71	8.6 A	I Connect to Str. No. 28B							
24+90 X	12" Inlet,Type"J-10" 5	2 883.38 883.31	1.6 A	I Connect to Str. No. 28	52 40+55	X 12"	Inlet,Type"M-10"	42 2 887.25 887.0	13.4 A		II Connect to Str. No. 53, Co Inlet Ditch As Req'd
24+90 421	Manhole,Type"C-4" 0		0.0	I Construct M.H. over Exist.36"R.C.P.	53 40+55 X	12"	Inlet,Type"M-10"	8 887.04 887.0	0.3	1	II Construct Outlet Ditch As
	12" Inlet,Type"M-10" 28	883.26 882.98	0.9	I Connect to Str. No. 28							See Plan & Profile For Di
		2 883.31 883.26			54 40+67 14'		Exist. San. Manhole	0	0.0		II Adjust Casting to Grade
		2 883.31 883.20		I Connect to Str. No. 29							
25+32 301	Exist. Beehive Inlet 0		0.0	I Adjust Casting to Grade Remove 72"x42" C.M.P.A. From North							
25+38 331	Exist. Storm M.H. O		0.0	IorII East Wall to be Reconstructed ***							
eleted .											
					* These structure	es are to be remo	 oved only if Division I and Di	ivision II are constructed con	currently.		
25+50 351	24" Type II G.B.E.S. 8	880.64 880.56	0.6	I Connect to Str. No. 30A. Regrade Ditch From North	** This structure	not required if	Division I and Division II and Division II and Division	re constructed concurrently.			•
26+25 X / 18	3"12" Inlet, Type"M-10" 28	2 879.72 879.61	8.9 A	I Connect to Str. No. 33				LEGEND FOR AB			UGATED STEEL ARCH WITH PAVE
	4"12" Inlet, Type"M-10" 8	879.61 879.58	0.3	I Connect to Str. No. 34	F.B.C.C.S./P.I.	INVERT.	MINOUS COATED CORRUGATED S		INVERT.		
	24" Manhole,Type"C-4" 80		5.6	I Connect to Str. No. 30A		PAVED INVER			PAVED II	NVERT.	RUGATED ALUMINUM ARCH WITH
		013.33 013.13			F.B.C.C.S. C.S.	FULLY BITUN CORRUGATED	MINOUS COATED CORRUGATED S		F.B.C.C.A.A. FULLY B		RUGATED STEEL ARCH. RUGATED ALUMINUM ARCH.
28+48 191	Exist. Inlet O		0.0	I Exist. Inlet & Ripe To Be Removed	C.A.A. S.P.S.	CORRUGATED STRUCTURAL	ALUMINUM. PLATE STEEL.		C.A.A. CORRUGA	TED STEEL ARCH. TED ALUMINUM ARCH.	
									S.P.S.A. STRUCTU	RAL PLATE STEEL ARCH.	

DATE BY D.R.C. M.J.5 G.J.T. J.E.K. **TZHB** DESIGNED DRAWN PROJECT ENGER. PROJECT MGR.

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STRUCTURE	DATA
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NOV 0 5 1992

OFFICE OF HAMILTON COUNTY SURVEYOR