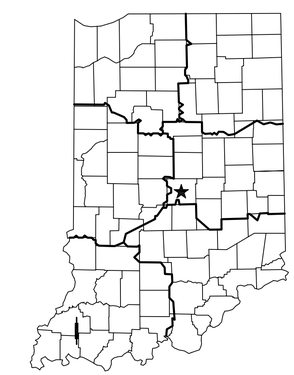
PROJECT NO.	DESIGNATION
IM-069-0(004)	0500436
CONTRACT	BRIDGE FILE
IR-29023	I-69-26-8862 to 8866

INDIANA DEPARTMENT OF TRANSPORTATION

SIGNING AND LIGHTING PLANS

TRAFFIC DATA	Interstate 69
A.A.D.T. (2006)	N/A V.P.D.
A.A.D.T. (2030)	32,100 V.P.D.
D.H.V.	2,350 V.P.H.
DIRECTIONAL DISTRIBUTION	50% E.B. 50% W.B.
TRUCKS	25% D.H.V.
DESIGN DATA	
DESIGN SPEED	70 M.P.H.
PROJECT DESIGN CRITERIA	New Construction (Freeway)
FUNCTIONAL CLASSIFICATION	Freeway
RURAL/URBAN	Rural
TERRAIN	Level
ACCESS CONTROL	Full



PROJECT LOCATION SHOWN BY

WARNING :

THESE PLANS ARE CERTIFIED ONLY FOR COMPLIANCE WITH INDOT LEVEL ONE DESIGN CRITERIA EXCEPT AS NOTED IN THE "SCOPE OF SERVICES" SECTION OF THE CONTRACT DOCUMENTS AND THEY ARE NOT COMPLETE AND ARE NOT ADEQUATE FOR THE PREPARATION OF DESIGN/BUILD BIDS OR CONSTRUCTION OF THE PROJECT. THEY ARE INTENDED ONLY FOR THE LIMITED PURPOSE OF PROVIDING INFORMATION TO ASSIST PROSPECTIVE BIDDERS IN DEVELOPING THEIR BIDS FOR THE PROPOSED DESIGN/BUILD PROJECT IN ACCORDANCE WITH INDOT REQUIREMENTS AND APPLICABLE RULES, REGULATIONS, STANDARDS, PRACTICES, POLICIES, GUIDELINES AND SPECIFICATIONS. DESIGN/BUILDERS SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THEIR DESIGNS AND THE BIDS THAT THEY SUBMIT AND IF PROJECT INFORMATION IN ADDITION TO THESE PLANS IS DEEMED NECESSARY BY A DESIGN/BUILDER, OR IF AN ERROR OR INACCURACY OCCURS IN THESE PLANS, IT SHALL BE THE SOLE RESPONSIBILITY OF THE DESIGN/BUILDER TO ACQUIRE ALL SUCH INFORMATION AND TO DETECT AND CORRECT ANY SUCH ERROR OR INACCURACY.

PROJECT NO.	**IM-069-0(004)**	**P.E.**
PROJECT NO.	**IM-069-0(004)**	**R/W**
PROJECT NO.	**IM-069-0(004)**	**CONST.**

R.P. 20+36 to R.P. 22+09

New Construction of Interstate 69 from Interstate 64 to aproximately 230 feet North of State Road 68

GROSS LENGTH: 1.73 MI.
NET LENGTH: 1.73 MI.

SCALES:

PLAN { LONG: 1" = 50' TRANS: 1" = 50'
PROFILE { LONG: 1" = 50' TRANS: 1" = 10'
MAX. GRADE: 1.89%

BEGIN CONSTRUCTION
STA. 19+68.38 LINE "S-2-A-PR"

STR. No. 1
Bridge File : 169-26-8862
Des. No. 0600794
To Be Built In Combination With Road Contract

BEGIN PROJECT NO. IM-069-0(004)
STA. 1502+42.00 LINE "A"

BEGIN CONSTRUCTION
STA. 87+99.72 LINE "C-PR"

END CONSTRUCTION
STA. 45+05.97 LINE "S-2-A-PR"

END CONSTRUCTION
STA. 118+75.00 LINE "C-PR"

STR. No. 2
Bridge File : 169-26-8863
Des. No. 0600795
To Be Built In Combination With Road Contract

BEGIN CONSTRUCTION
STA. 230+70.00 LINE "D"

STR. No. 4
Bridge File : 169-26-8864
Des. No. 0600796

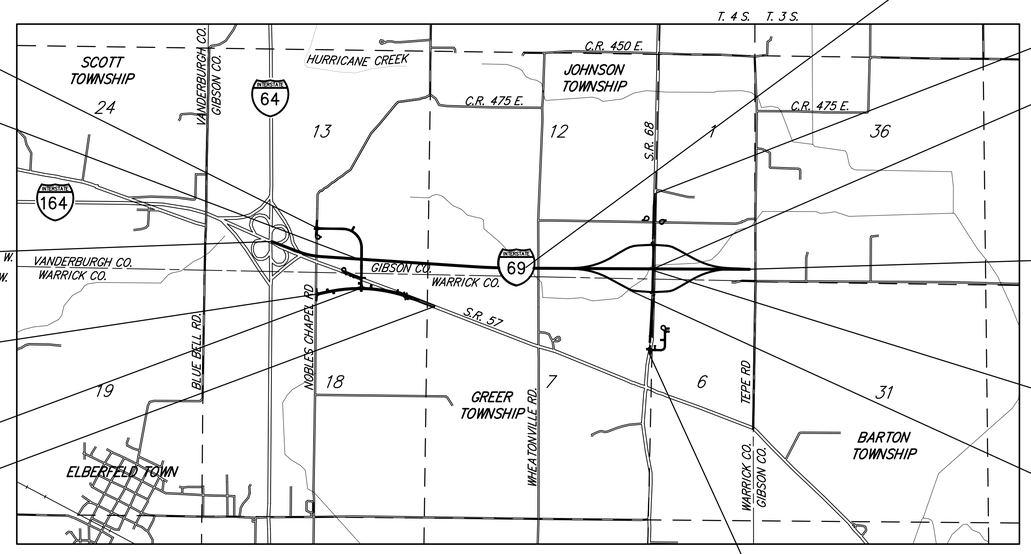
BEGIN PROJECT NO. IM-069-0(004)
STA. 1593+65.00 LINE "A"

STR. No. 3
Bridge File : 169-26-8866
Des. No. 0600798
To Be Built In Combination With Road Contract

STR. No. 5
Bridge File : 169-26-8865
Des. No. 0600797
To Be Built In Combination With Road Contract

END CONSTRUCTION
STA. 269+00.00 LINE "D"

Not To Scale



LOCATION MAP
VANDERBURGH, WARRICK & GIBSON COUNTIES

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2008
TO BE USED WITH THESE PLANS

VS ENGINEERING, INC.

4275 North High School Road
vsei@vsengineering.com
Phone: (317) 293-3542

Indianapolis, Indiana 46254
www.vsengineering.com
Fax: (317) 293-4737

FEDERAL HIGHWAY ADMINISTRATION
U.S. DEPT. OF TRANSPORTATION
APPROVED: _____ DATE
DIVISION ADMINISTRATOR

PLANS PREPARED BY: VS ENGINEERING, INC. (317) 293-3542 PHONE NUMBER
CERTIFIED BY: Bhagwan C. Patel 12/5/07 DATE
APPROVED FOR LETTING: _____
CHIEF, DIVISION OF DESIGN DATE

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

BRIDGE FILE
I-69-26-8862 to 8866
DESIGNATION NO.
0500436

SHEETS		
1	of	38

CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

DIRECTORY... F:\2006\06-2374 I-69 Design Build\DESIGN\DRAWINGS\TITLE\
FILE..... Signing & Lighting Title.dwg
PLOT SCALE: 1:1 PLOT SCALE: 1:1
PLOTTED BY: SGCowen
DATE.....Jan 28,2008 - 3:13pm

UTILITIES

WATER
Pike - Gibson Water, Inc.
Kevin Stillwell
P.O. Box 126
(Fec-Ex: 325 N. Jackson Street)
Oakland City, Indiana 47660
Phone - 812.768.4916
Email - pgw@sit-co.net

WATER
Gibson Water, Inc.
Jim Vickers
517 E. 1250 S.
Haubstadt, Indiana 47639
Phone - 812.768.6899
Email - gibwat@gibsoncounty.net

TELEPHONE
SBC/AT&T
Mary Whitledge
134 NW 6th Street
Evansville, Indiana 47708
Phone - 812.464.6054
Email - mw4794@att.com

TELEPHONE
Verizon North, Inc.
Rebecca McArdle
8001 West Jefferson Blvd.
Fort Wayne, Indiana 46804
Phone - 260.461.2247
Email - rmcardle@verizon.com

CABEL / PHONE / INTERNET
Sigecom
Richard Bowen
6045 Wedeking Avenue
Evansville, Indiana 47715
Phone - 812.437.0395
Email - rbowen@sigecom.com

CABLE
Insight
Chris Dowdy
1150 Maxwell Avenue
Evansville, Indiana 47711
Phone - 812.589.7100
Email - dowdy.c@insightcom.com

GAS / ELECTRIC
Vectren Energy Delivery
Marty Frederick
1 North Main Street
Evansville, Indiana 47711
Phone - 812.491.4765
Email - mfrederick@vectren.com

GAS / ELECTRIC
Duke Energy
Jim Shields
2727 Central Avenue
Columbus, Indiana 47202
Phone - 812.375.2071
Email - jim.shields@duke-energy.com

CELLULAR TOWER
American Tower
David Sparacio
847.240.1508 (x215)
847.867.6428

GENERAL NOTES

**	All breakaway sign supports shall have a maximum projection of 4 inches as stated in the clear zone policy
**	Delineators with posts, Type "D-1" shall be installed at 400 foot intervals on tangent sections and at 150 foot intervals on curve sections along the length of the project according to INDOT Standards.
**	All design shall be in accordance with the standard specifications for structural supports for highway signs, luminaries and traffic signals, – 2006 latest edition.
**	Galvanized Steel pole luminaire support arm can be used in this project. The support arm shall be truss type, fabricated from 2–inch diameter steel pipe. The material shall conform to the following ASTM Specifcations: A–53, Grade B; A–500. Grade B or C; A–501, YIELD STRENGTH, Min. 35 KSI
	Service Point – The Contractor shall furnish and install Wooden pole, Weatherhead Conduit Breaker Box , Photocells, Controller. Also, The Contractor shall install the meter base furnished by the utility company.
**	Waterproofing Device in handhole shall be Scotchcast Encasement (3 M Co.) Kearney AquaSeal (Kearney Co.), Bishop LSW Splice Wrap (Bishop Electric) or approved equal.
**	Roadway conventional lightpole and sign structure identification numbers are to be installed 45° from center line facing vehicular traffic and 10 feet above the ground line. The numbers and letters are to be 1 1/2" x 2 1/2" black or white on white or black background respectively. The marking material shall be Scotchlite, Seibulite, Reflexite or approved equal.
**	Sheet signs and Square posts shall not be ordered until the exact number of signs and length of each post have been determined upon field investigation.
**	All signs shall be marked for identification. The marking material shall be either Scotchlite, Seibulite, Reflexite, or approved equal. The identifying message shall consist of INDOT and the month and year the sign is installed. The message copy shall consist of white or black lettering(of a minimum of 1 inch in height) on black or white background respectively. The marking for sheet signs shall be placed in the lower corner closest to the center line of the road. The marking for panel signs shall be placed on the bottom panel on the end closest to the center line of the roadway. The marking shall not be covered by the sign's support after installation of the sign.
**	Exit Direction sign and stop sign shall not be removed until the new one is at the job site and ready to install. These two signs shall be seen by travel motorist at all times. At least one advance guide sign is required in advance of the exit point
	Aluminum bar bracing (1/4" X 1" X Length req'd) will be required on all post mounted sheet signs exceeding 60 in length.
**	The Vertical clearance of the stop sign shall be 7 feet from edge of pavement
**	Bolts, Nuts and other hardware at and below pole base shall be galvanized and meet the latest specification. The bolts connecting pole base and top of Transformer shall have the same structure strength as the anchor bolts.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX TO SHEETS

SHEET NO.	DRAWING INDEX
1	TITLE SHEET (PART 4 OF 7)
2	INDEX & GENERAL NOTES
3-5	EXISTING SIGNING PLANS
6-16	PROPOSED SIGNING PLANS
17-19	PANEL SIGN DETAILS
20	SHEET SIGN DETAILS
21-22	RMA SIGN DETAILS
23	RAMP SIGNING DETAILS
24	REFERENCE MARKER DETAILS
25-26	PANEL SIGN SUMMARY TABLE
27-30	SHEET SIGN SUMMARY TABLE
31	OVERHEAD SIGN STRUCTURE SUMMARY TABLE
32	EXISTING LIGHTING PLANS
33-36	PROPOSED LIGHTING PLANS
37	LUMINAIRE SCHEDULE

REVISIONS

SHEET NO.	DATE	REVISED

HORIZONTAL AND VERTICAL SHEET SIGN CLEARANCE FOR SINGULAR AND MULTIPLE SIGN INSTALLATION

TYPE OF ROADWAY / CLEARENCE	INTERSTATE AND DIVIDED HIGHWAY WITH SHOULDER (RURAL AND URBAN)	NON-DIVIDED HIGHWAY IN RURAL	DIVIDED HIGHWAY WITH CURB (RURAL AND URBAN)
VERTICAL-EDGE OF TRAVELED WAY PAVEMENT TO BOTTOM OF SIGN (OR SIGNS)	6' TO 6'-6"	5' TO 5'-6"	7' TO 7'-6"
HORIZONTAL-EDGE OF TRAVELED WAY PAVEMENT TO EDGE OF SIGN (OR SIGNS)	12' MIN. OR 6' MIN. FROM THE SHOULDER, WHICHEVER IS GREATER	12' MIN. OR 6' MIN. FROM THE SHOULDER, WHICHEVER IS GREATER	6' MIN.

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

INDEX & GENERAL NOTES

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	2 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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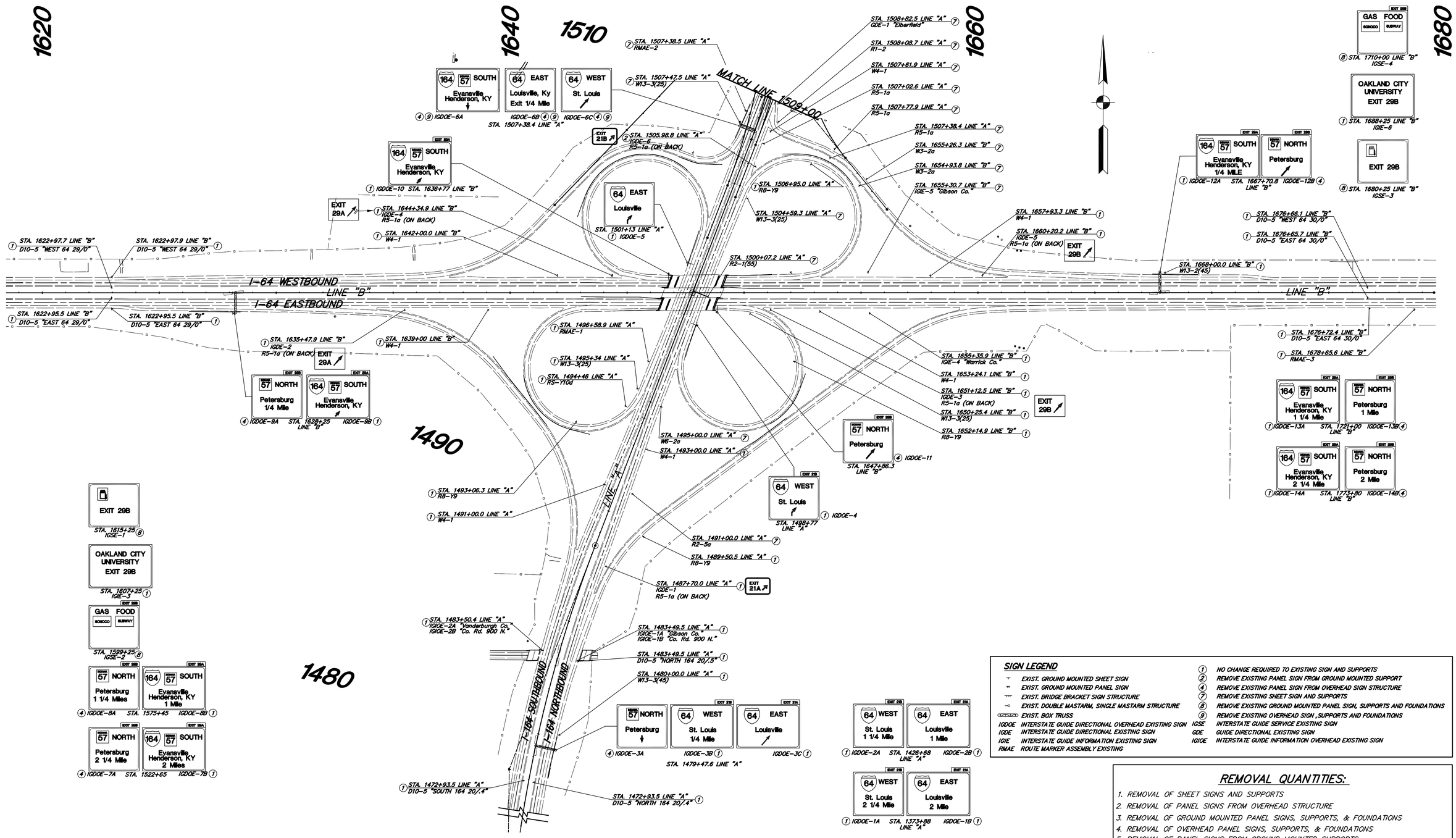

SIGN LEGEND

EXIST. GROUND MOUNTED SHEET SIGN	NO CHANGE REQUIRED TO EXISTING SIGN AND SUPPORTS
EXIST. GROUND MOUNTED PANEL SIGN	REMOVE EXISTING PANEL SIGN FROM GROUND MOUNTED SUPPORT
EXIST. BRIDGE BRACKET SIGN STRUCTURE	REMOVE EXISTING PANEL SIGN FROM OVERHEAD SIGN STRUCTURE
EXIST. DOUBLE MASTARM, SINGLE MASTARM STRUCTURE	REMOVE EXISTING SHEET SIGN AND SUPPORTS
EXIST. BOX TRUSS	REMOVE EXISTING GROUND MOUNTED PANEL SIGN, SUPPORTS AND FOUNDATIONS
	REMOVE EXISTING OVERHEAD SIGN ,SUPPORTS AND FOUNDATIONS
IGDOE INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN	IGSE INTERSTATE GUIDE SERVICE EXISTING SIGN
IGDE INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN	GDE GUIDE DIRECTIONAL EXISTING SIGN
IGIE INTERSTATE GUIDE INFORMATION EXISTING SIGN	IGIOE INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMAE ROUTE MARKER ASSEMBLY EXISTING	

REMOVAL QUANTITIES:

1. REMOVAL OF SHEET SIGNS AND SUPPORTS
2. REMOVAL OF PANEL SIGNS FROM OVERHEAD STRUCTURE
3. REMOVAL OF GROUND MOUNTED PANEL SIGNS, SUPPORTS, & FOUNDATIONS
4. REMOVAL OF OVERHEAD PANEL SIGNS, SUPPORTS, & FOUNDATIONS
5. REMOVAL OF PANEL SIGNS FROM GROUND MOUNTED SUPPORTS

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: NRJ DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING SIGNING PLANS
I-64 AT I-164

HORIZONTAL SCALE	BRIDGE FILE
1" = 200'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	3 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

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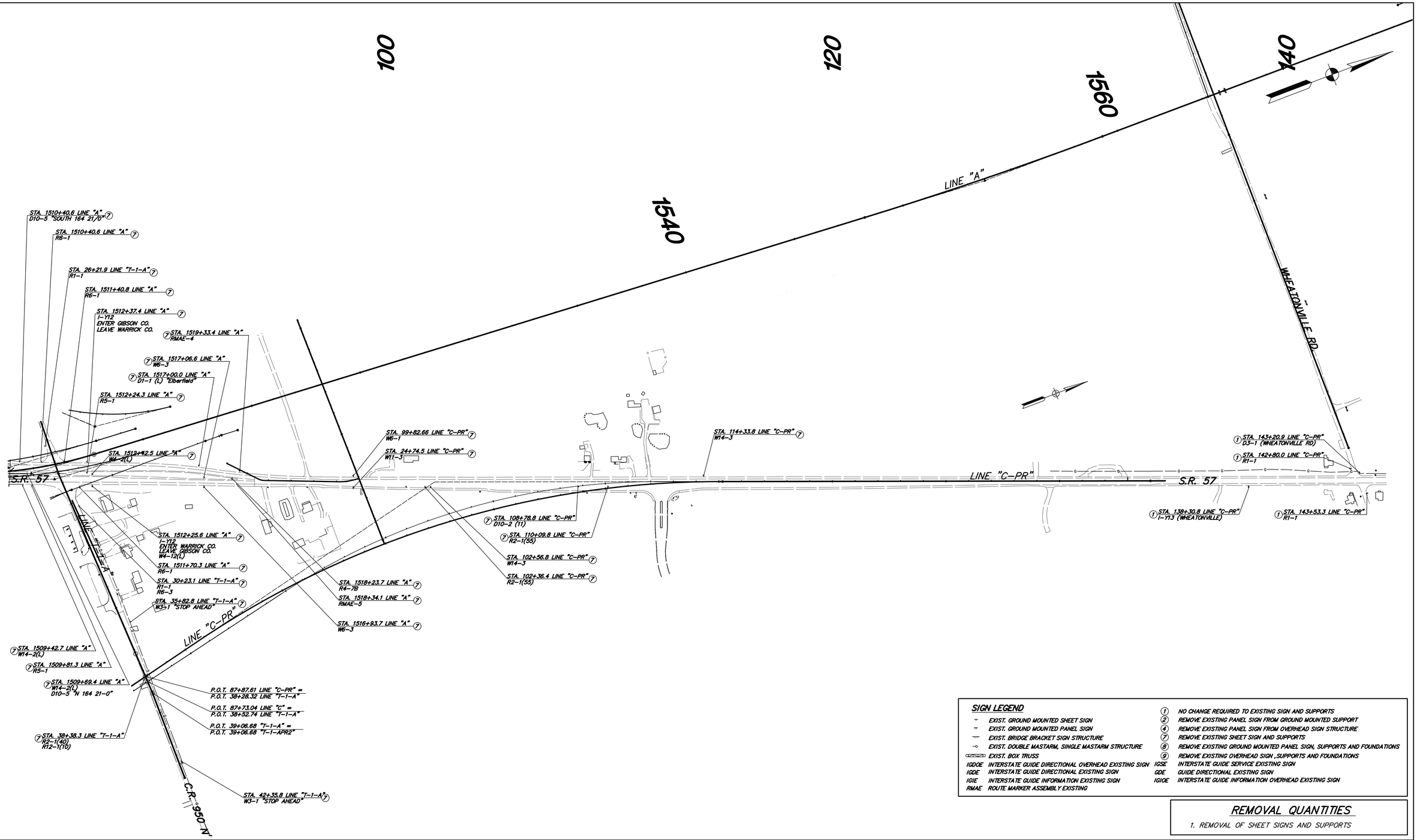

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN	①	NO CHANGE REQUIRED TO EXISTING SIGN AND SUPPORTS
	EXIST. GROUND MOUNTED PANEL SIGN	②	REMOVE EXISTING PANEL SIGN FROM GROUND MOUNTED SUPPORT
	EXIST. BRIDGE BRACKET SIGN STRUCTURE	④	REMOVE EXISTING PANEL SIGN FROM OVERHEAD SIGN STRUCTURE
	EXIST. DOUBLE MASTARM, SINGLE MASTARM STRUCTURE	⑦	REMOVE EXISTING SHEET SIGN AND SUPPORTS
	EXIST. BOX TRUSS	⑧	REMOVE EXISTING GROUND MOUNTED PANEL SIGN, SUPPORTS AND FOUNDATIONS
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN	⑨	REMOVE EXISTING OVERHEAD SIGN , SUPPORTS AND FOUNDATIONS
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN	IGSE	INTERSTATE GUIDE SERVICE EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN	GDE	GUIDE DIRECTIONAL EXISTING SIGN
RMAE	ROUTE MARKER ASSEMBLY EXISTING	IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN

REMOVAL QUANTITIES

1. REMOVAL OF SHEET SIGNS AND SUPPORTS

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: NRJ DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 200'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436

SURVEY BOOK	SHEETS
"PENDING"	4 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

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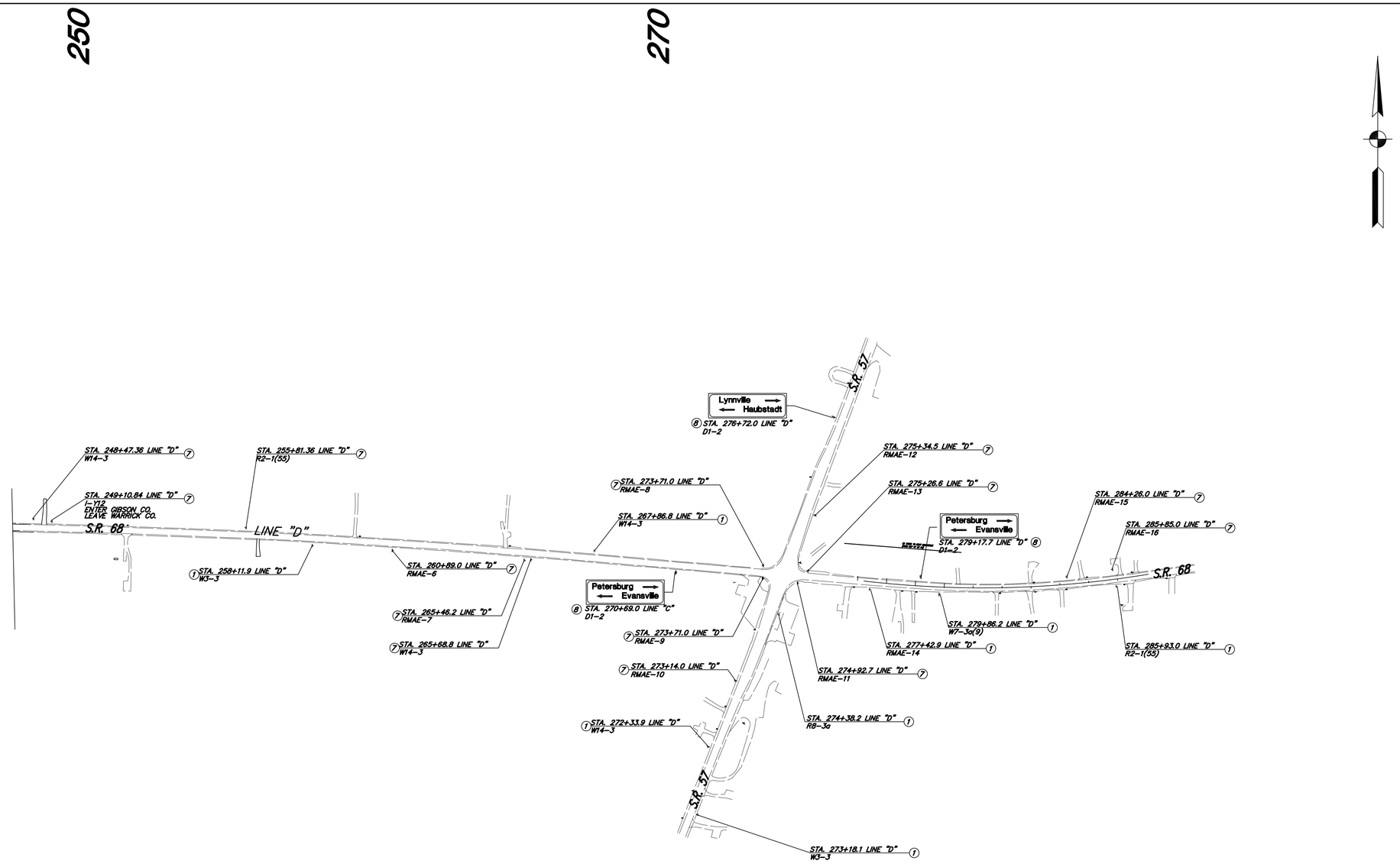

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN	(1)	NO CHANGE REQUIRED TO EXISTING SIGN AND SUPPORTS
	EXIST. GROUND MOUNTED PANEL SIGN	(2)	REMOVE EXISTING PANEL SIGN FROM GROUND MOUNTED SUPPORT
	EXIST. BRIDGE BRACKET SIGN STRUCTURE	(4)	REMOVE EXISTING PANEL SIGN FROM OVERHEAD SIGN STRUCTURE
	EXIST. DOUBLE MASTARM, SINGLE MASTARM STRUCTURE	(7)	REMOVE EXISTING SHEET SIGN AND SUPPORTS
	EXIST. BOX TRUSS	(8)	REMOVE EXISTING GROUND MOUNTED PANEL SIGN, SUPPORTS AND FOUNDATIONS
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN	(9)	REMOVE EXISTING OVERHEAD SIGN ,SUPPORTS AND FOUNDATIONS
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN	IGSE	INTERSTATE GUIDE SERVICE EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN	GDE	GUIDE DIRECTIONAL EXISTING SIGN
RMAE	ROUTE MARKER ASSEMBLY EXISTING	IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN

REMOVAL QUANTITIES:

1. REMOVAL OF SHEET SIGNS AND SUPPORTS
2. REMOVAL OF GROUND MOUNTED PANEL SIGNS, SUPPORTS, & FOUNDATIONS

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 12/5/07 DATE

DESIGNED: SMD | DRAWN: TEB
CHECKED: BCP | CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 200'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	5 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

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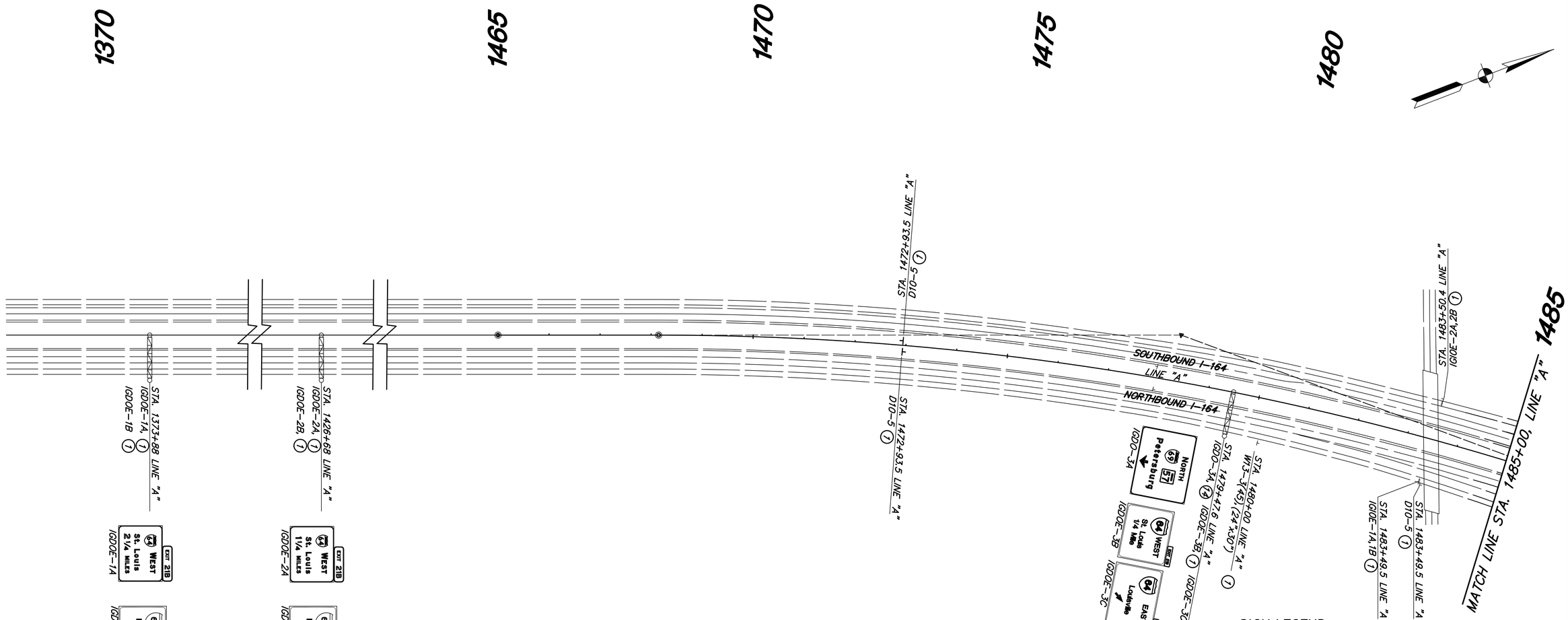

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
1	EXISTING SIGN AND SUPPORTS TO REMAIN
10	EXISTING SHEET SIGN ON NEW SUPPORTS
11	EXISTING PANEL SIGN ON NEW SUPPORTS
12	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
14	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.1370+00 TO STA.1485+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436

SURVEY BOOK	SHEETS
"PENDING"	6 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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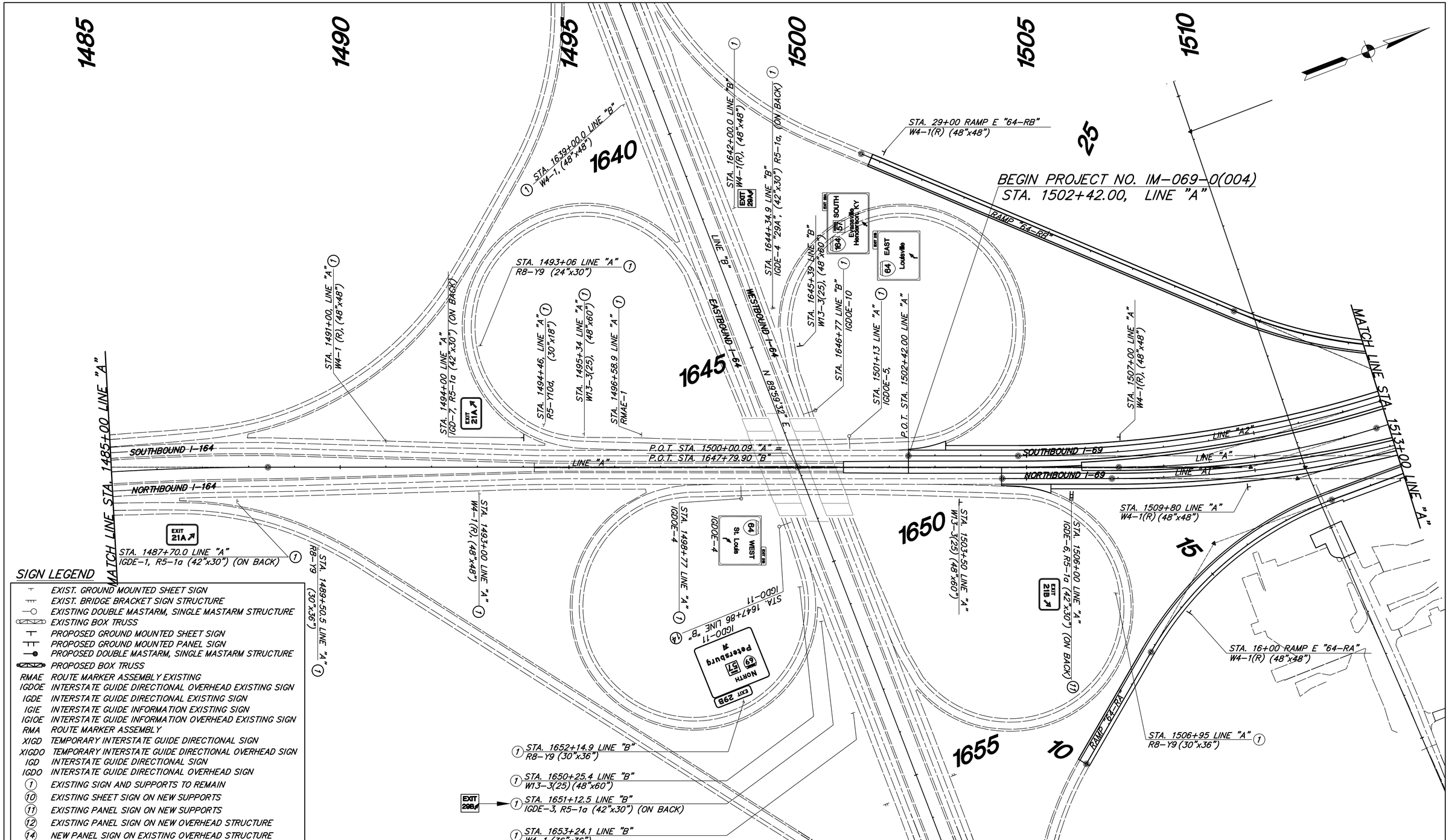

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.1485+00 TO STA.1513+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436

SURVEY BOOK	SHEETS
"PENDING"	7 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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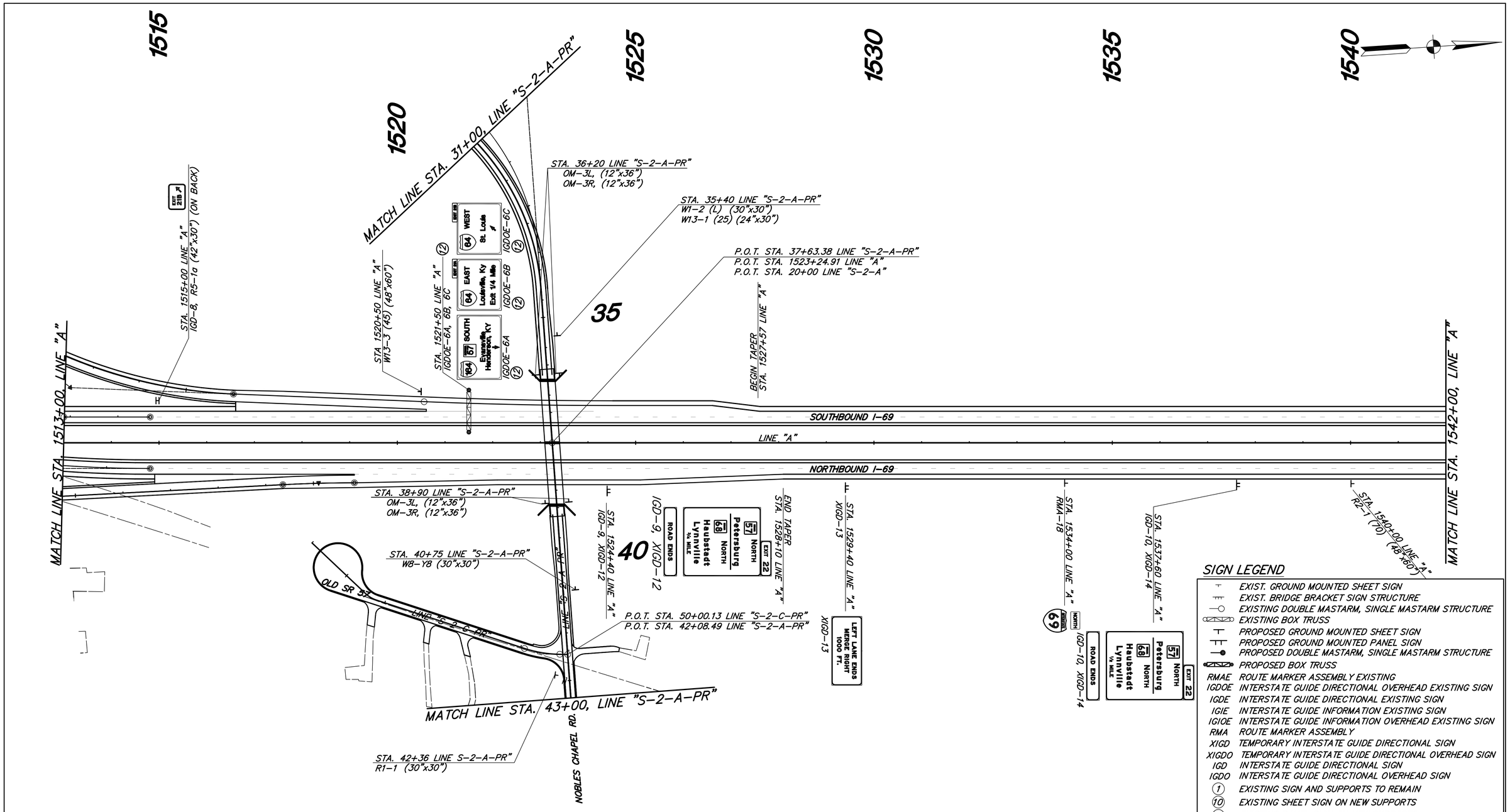

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
(1)	EXISTING SIGN AND SUPPORTS TO REMAIN
(10)	EXISTING SHEET SIGN ON NEW SUPPORTS
(11)	EXISTING PANEL SIGN ON NEW SUPPORTS
(12)	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
(14)	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 12/5/07 DATE

DESIGNED: SMD DRAWN: TEB

CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.1513+00 TO STA.1542+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436

SURVEY BOOK	SHEETS
"PENDING"	8 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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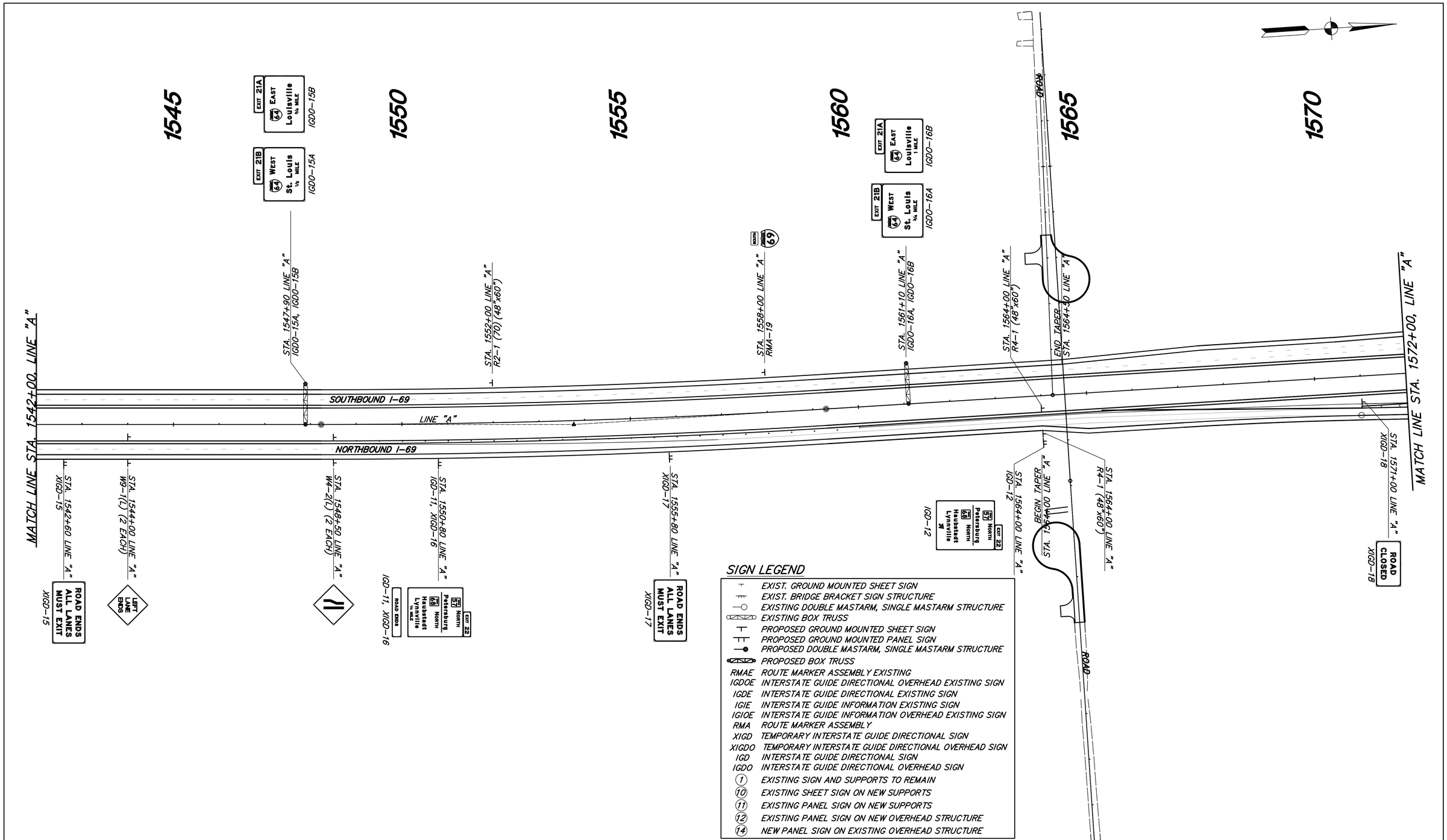
DATE... Wed Dec 12 2007 - 5:47pm



SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
1	EXISTING SIGN AND SUPPORTS TO REMAIN
10	EXISTING SHEET SIGN ON NEW SUPPORTS
11	EXISTING PANEL SIGN ON NEW SUPPORTS
12	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
14	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL ★ REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER ★

RECOMMENDED FOR APPROVAL Bhagwan C Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.1542+00 TO STA.1572+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	9 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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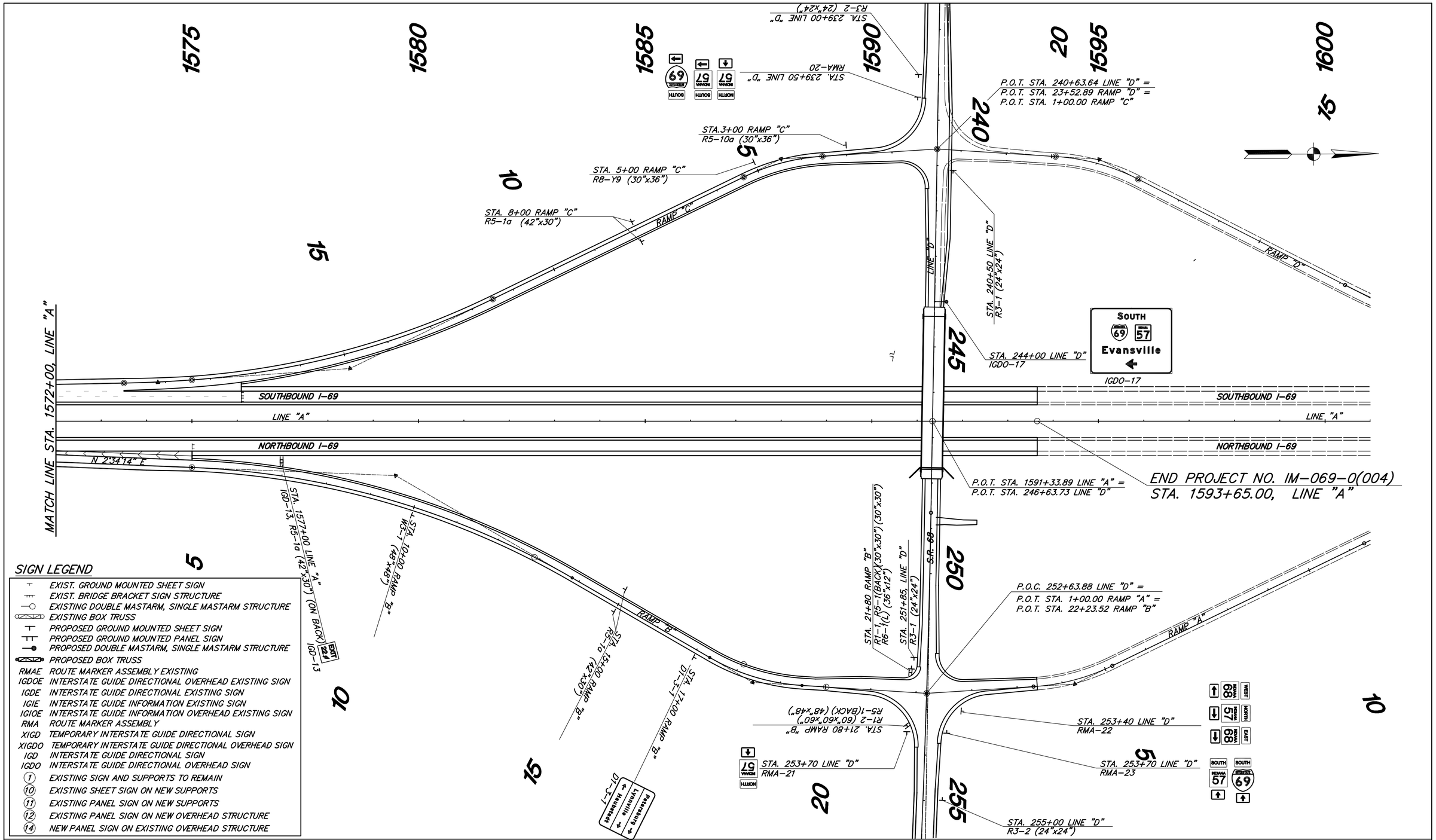

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
(1)	EXISTING SIGN AND SUPPORTS TO REMAIN
(10)	EXISTING SHEET SIGN ON NEW SUPPORTS
(11)	EXISTING PANEL SIGN ON NEW SUPPORTS
(12)	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
(14)	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL
REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.1572+00 TO STA.1600+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436

SURVEY BOOK	SHEETS	
"PENDING"	10 of	38
CONTRACT	PROJECT NO.	
IR-29023	IM-069-0(004)	

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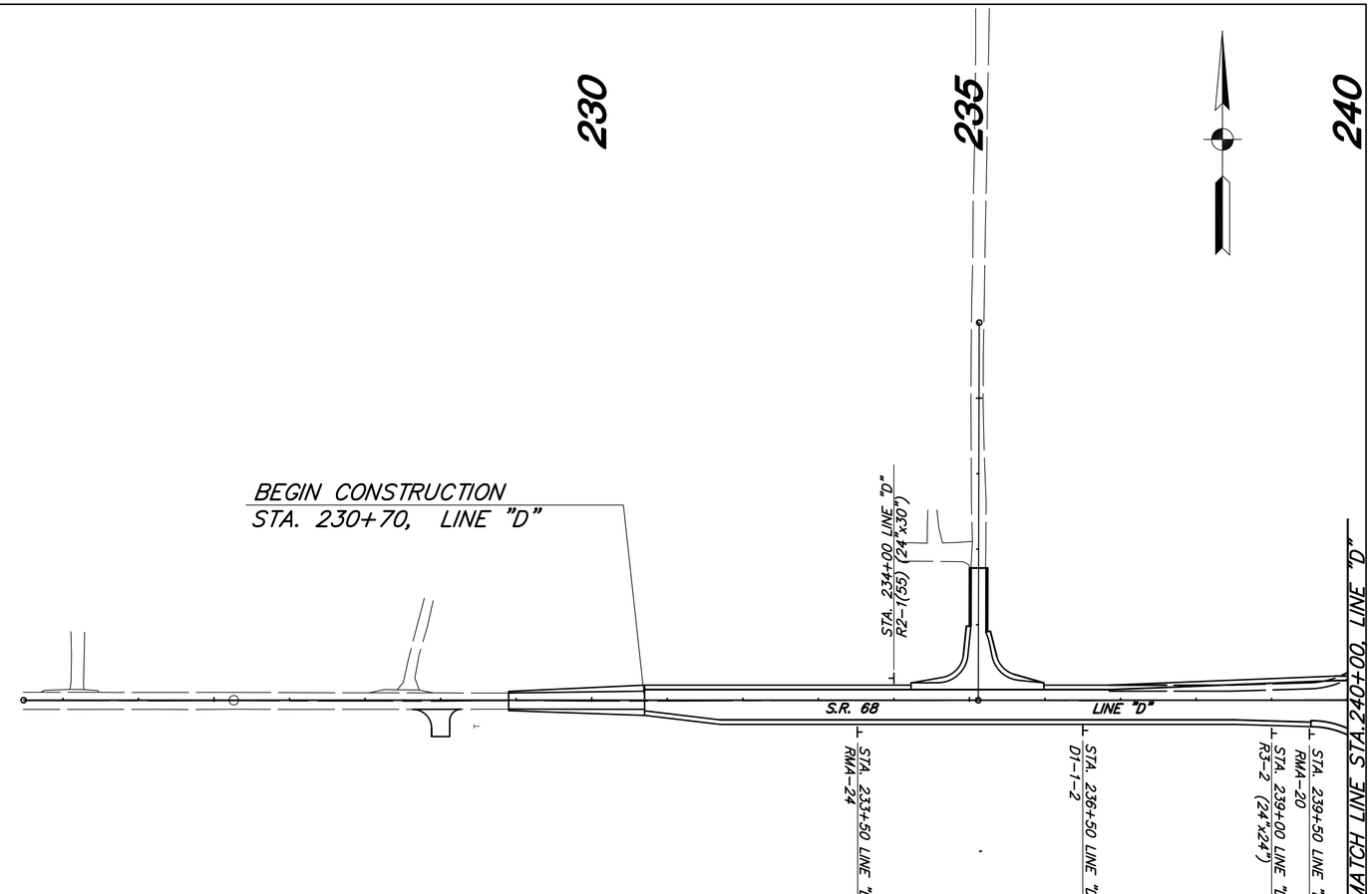

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
1	EXISTING SIGN AND SUPPORTS TO REMAIN
10	EXISTING SHEET SIGN ON NEW SUPPORTS
11	EXISTING PANEL SIGN ON NEW SUPPORTS
12	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
14	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.225+26.19 TO STA.240+00 "D"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	11 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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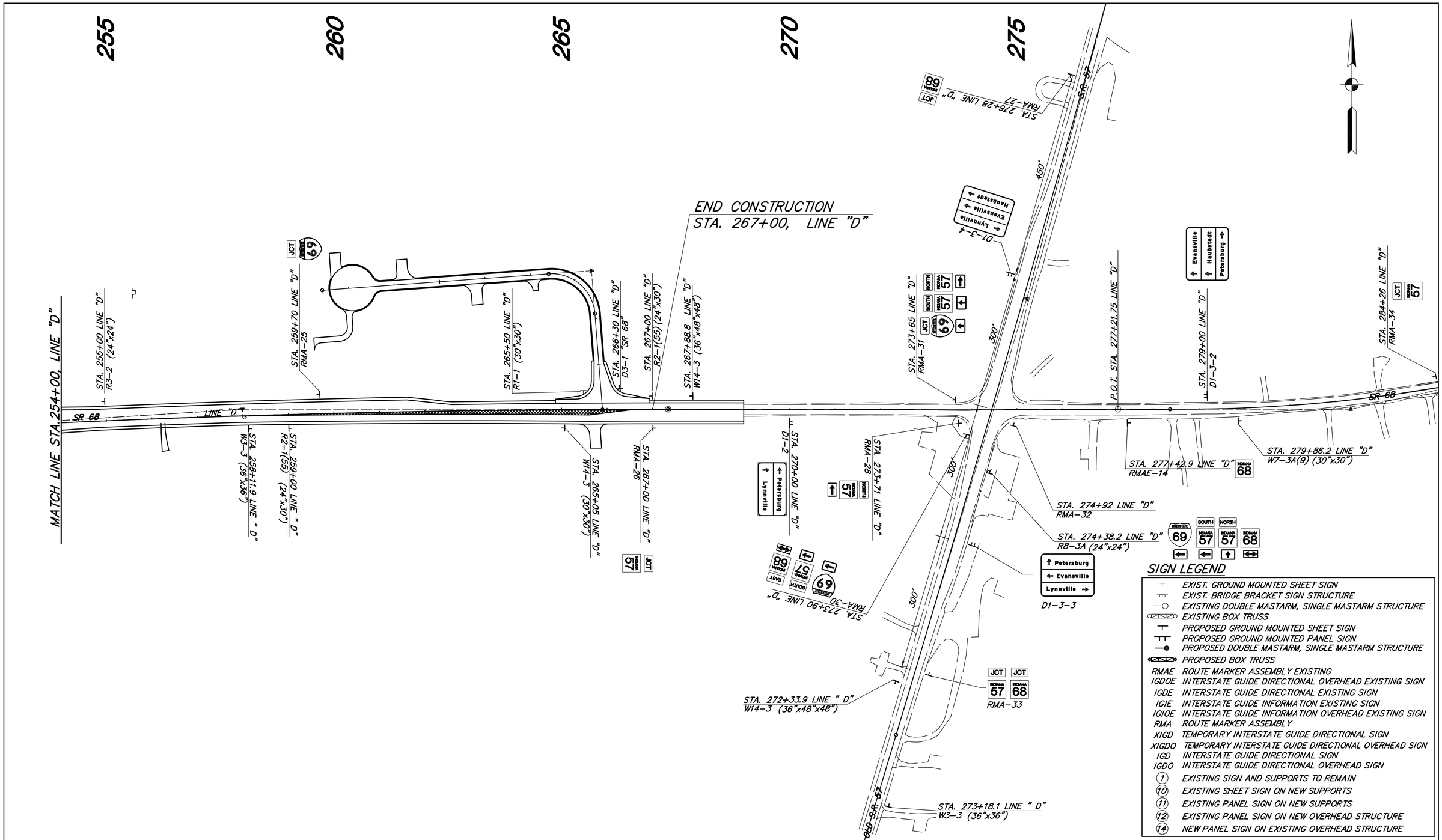
DATE/TIME... Dec 12, 2007 - 2:37pm



SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
1	EXISTING SIGN AND SUPPORTS TO REMAIN
10	EXISTING SHEET SIGN ON NEW SUPPORTS
11	EXISTING PANEL SIGN ON NEW SUPPORTS
12	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
14	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 12/5/07 DATE

DESIGNED: SMD | DRAWN: TEB
CHECKED: BCP | CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.254+00 TO STA.285+85 "D"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	12 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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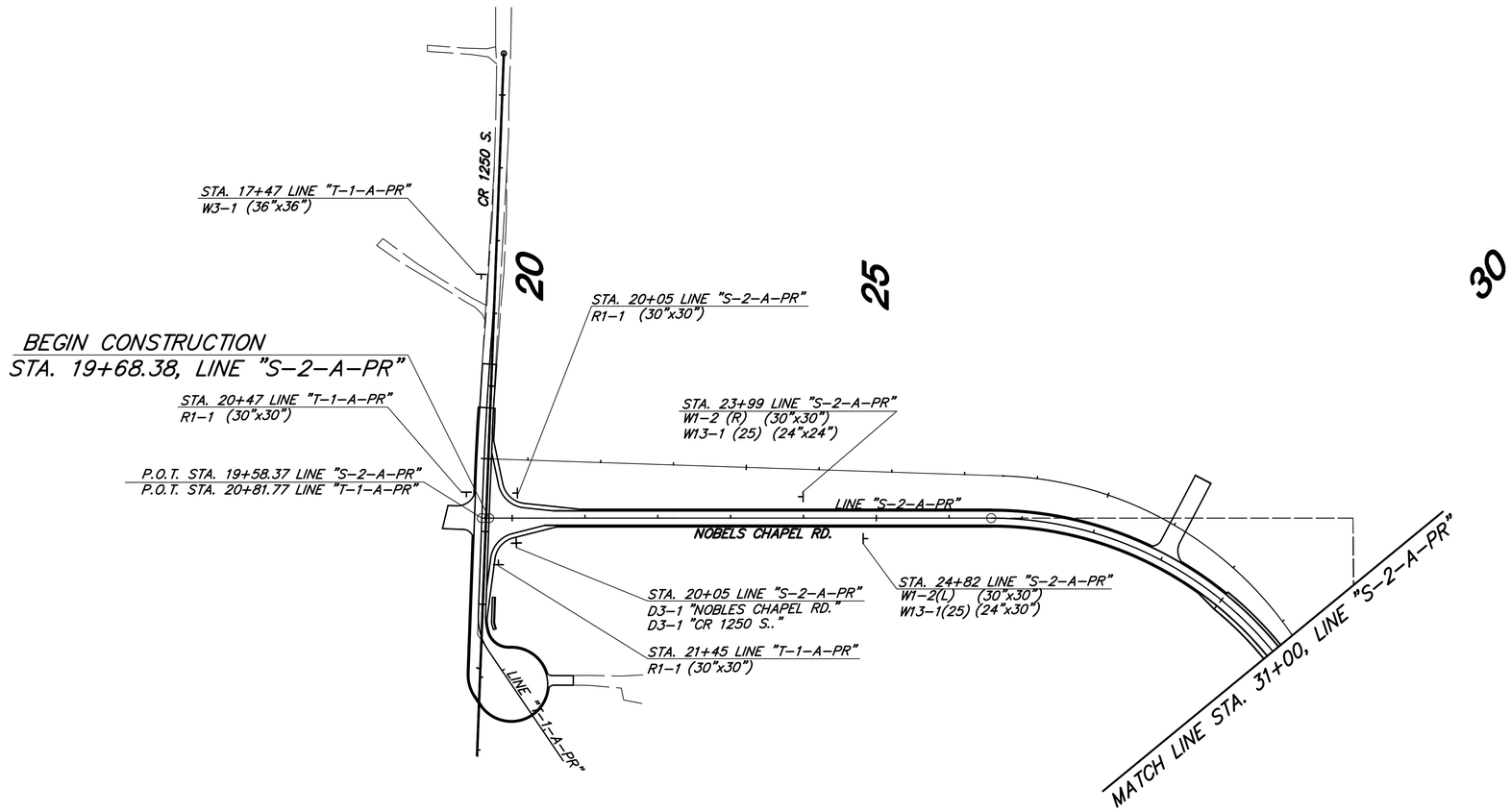
DATE... Wed Dec 12 2007 - 2:59pm



SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
1	EXISTING SIGN AND SUPPORTS TO REMAIN
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11	EXISTING PANEL SIGN ON NEW SUPPORTS
12	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
14	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.15+00 TO STA. 39+00 "S-2-A-PR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	13 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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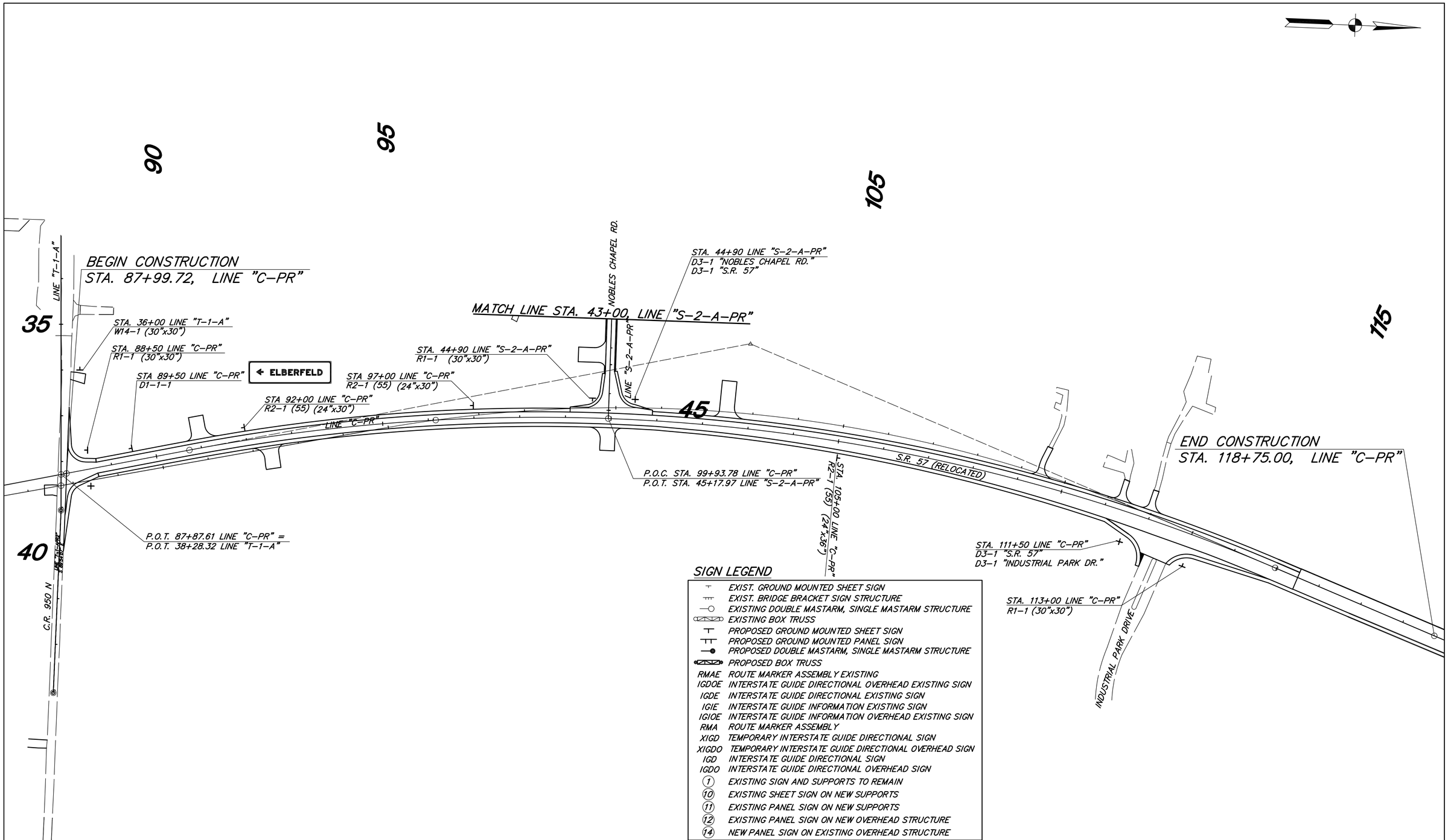

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
1	EXISTING SIGN AND SUPPORTS TO REMAIN
10	EXISTING SHEET SIGN ON NEW SUPPORTS
11	EXISTING PANEL SIGN ON NEW SUPPORTS
12	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
14	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.87+99.82 TO STA.118+00 "C-PR"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	14 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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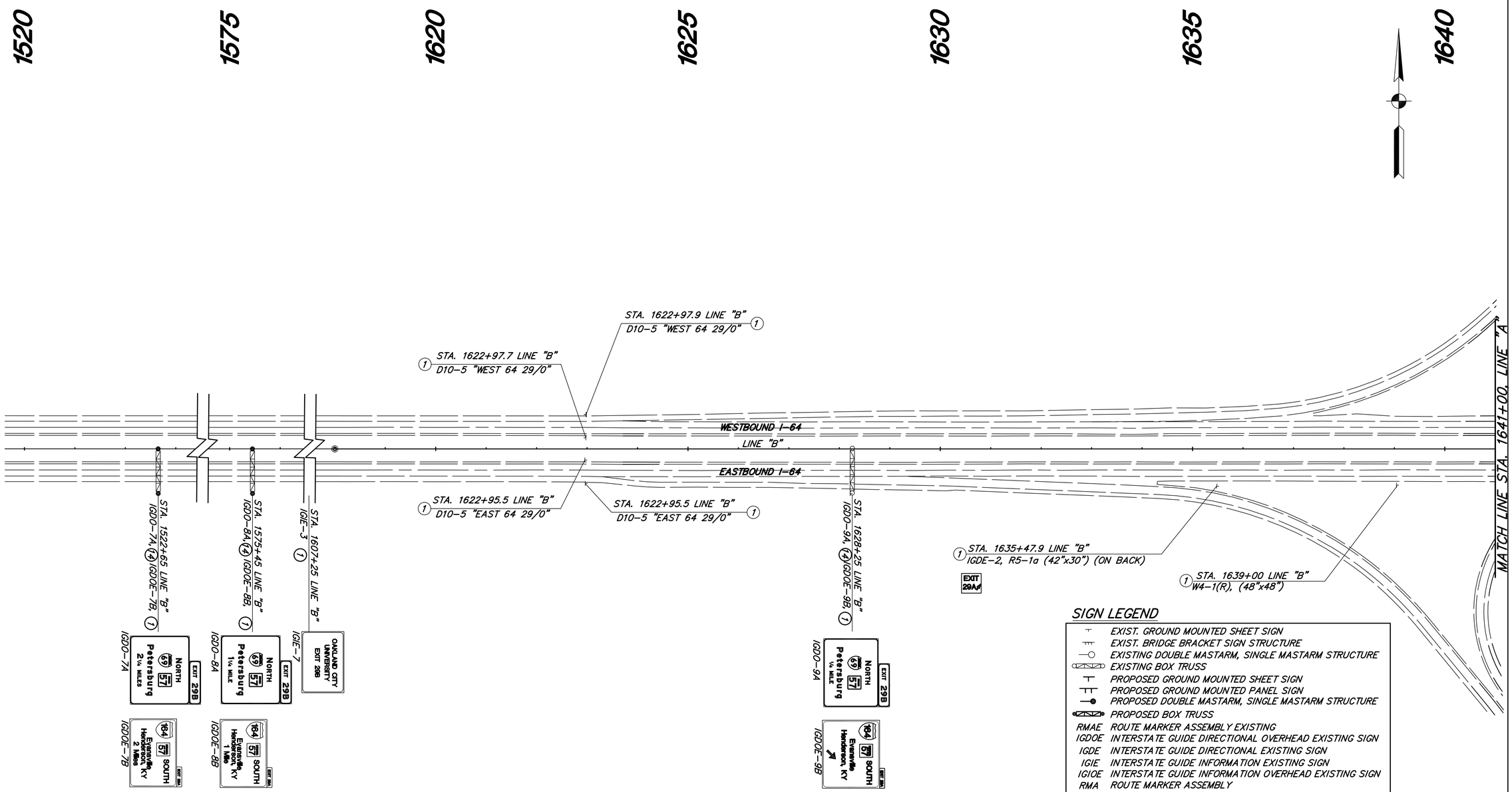

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
(1)	EXISTING SIGN AND SUPPORTS TO REMAIN
(10)	EXISTING SHEET SIGN ON NEW SUPPORTS
(11)	EXISTING PANEL SIGN ON NEW SUPPORTS
(12)	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
(14)	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.1520+00 TO STA.1641+00 "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	15 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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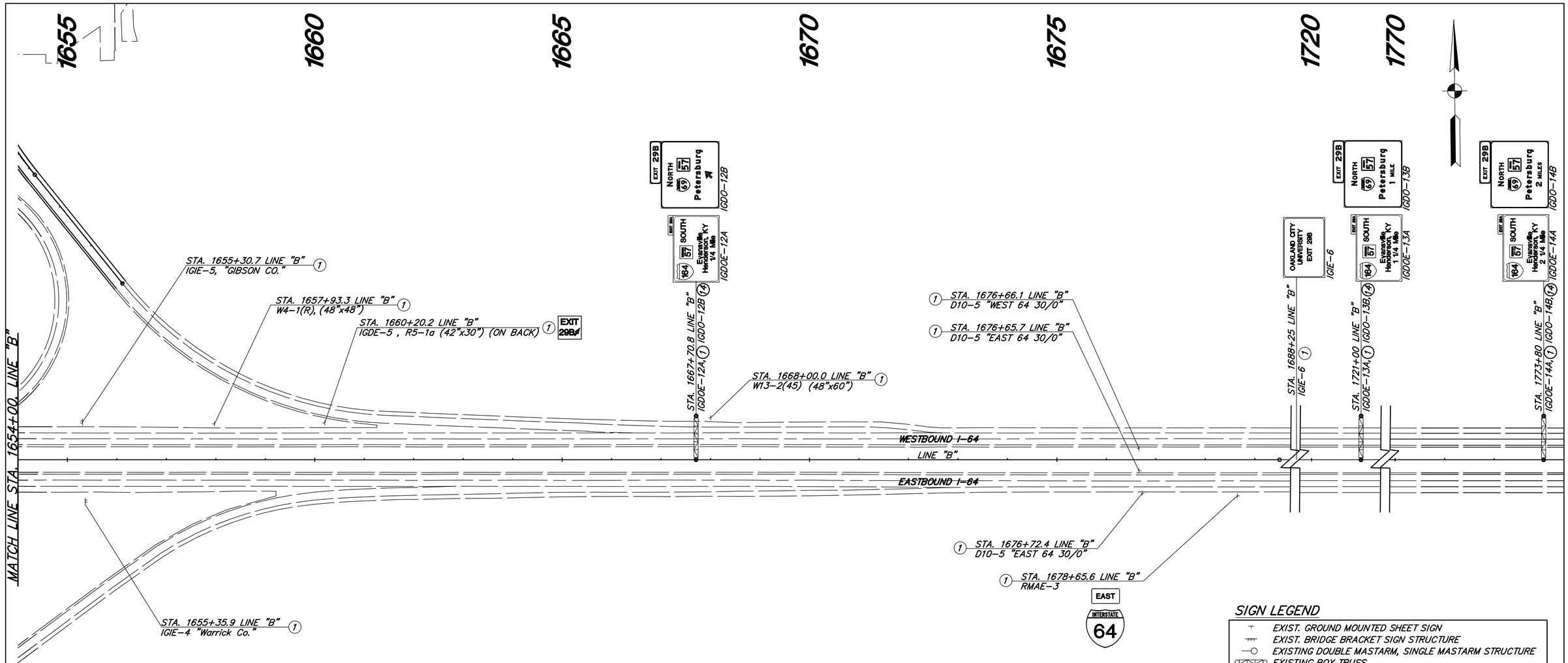

SIGN LEGEND

	EXIST. GROUND MOUNTED SHEET SIGN
	EXIST. BRIDGE BRACKET SIGN STRUCTURE
	EXISTING DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	EXISTING BOX TRUSS
	PROPOSED GROUND MOUNTED SHEET SIGN
	PROPOSED GROUND MOUNTED PANEL SIGN
	PROPOSED DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
	PROPOSED BOX TRUSS
RMAE	ROUTE MARKER ASSEMBLY EXISTING
IGDOE	INTERSTATE GUIDE DIRECTIONAL OVERHEAD EXISTING SIGN
IGDE	INTERSTATE GUIDE DIRECTIONAL EXISTING SIGN
IGIE	INTERSTATE GUIDE INFORMATION EXISTING SIGN
IGIOE	INTERSTATE GUIDE INFORMATION OVERHEAD EXISTING SIGN
RMA	ROUTE MARKER ASSEMBLY
XIGD	TEMPORARY INTERSTATE GUIDE DIRECTIONAL SIGN
XIGDO	TEMPORARY INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
IGD	INTERSTATE GUIDE DIRECTIONAL SIGN
IGDO	INTERSTATE GUIDE DIRECTIONAL OVERHEAD SIGN
(1)	EXISTING SIGN AND SUPPORTS TO REMAIN
(10)	EXISTING SHEET SIGN ON NEW SUPPORTS
(11)	EXISTING PANEL SIGN ON NEW SUPPORTS
(12)	EXISTING PANEL SIGN ON NEW OVERHEAD STRUCTURE
(14)	NEW PANEL SIGN ON EXISTING OVERHEAD STRUCTURE

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING PLANS
STA.1654+00 TO STA.1774+00 "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436

SURVEY BOOK	SHEETS		
"PENDING"	16	of	38
CONTRACT	PROJECT NO.		
IR-29023	IM-069-0(004)		

DIRECTORY...F:\2006\06-2374 I-69 Design Build\DESIGN\DRAWINGS\signing\
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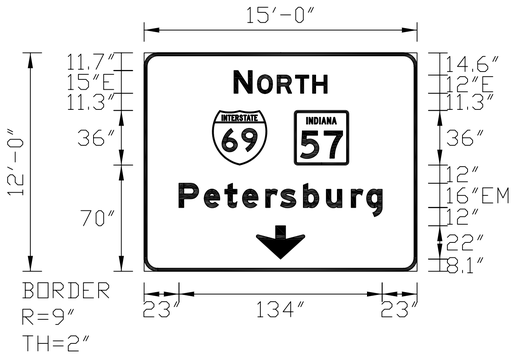
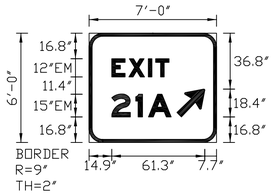
PLOTTED BY..tebick
DATE.....Wed Dec 12 2007 - 5:44pm



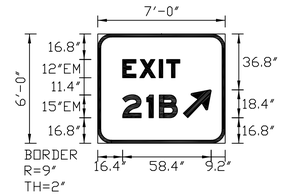
IGDO-3A

STA. 1479+47.6 LINE "A"



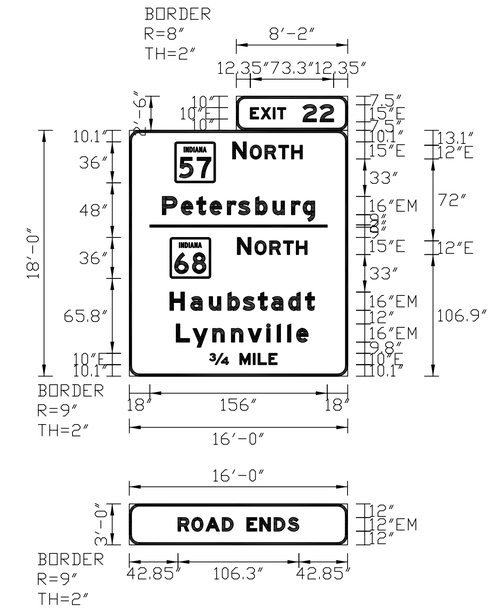
IGD-7

STA. 1494+00 LINE "A"



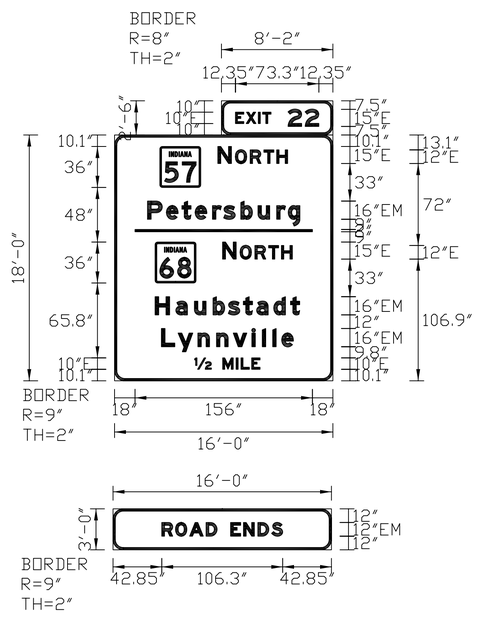
IGD-8

STA. 1515+00 LINE "A"



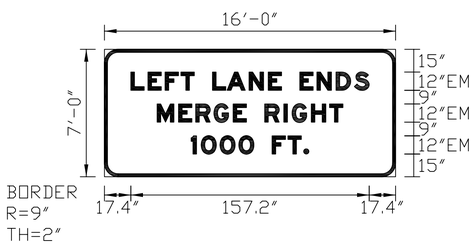
IGD-9 / XIGD-12 (BLACK COPY WITH ORANGE BACKGROUND)

STA. 1524+40 LINE "A"



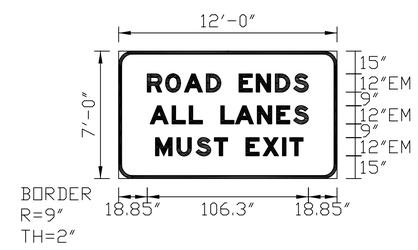
IGD-10 / XIGD-14 (BLACK COPY WITH ORANGE BACKGROUND)

STA. 1537+60 LINE "A"



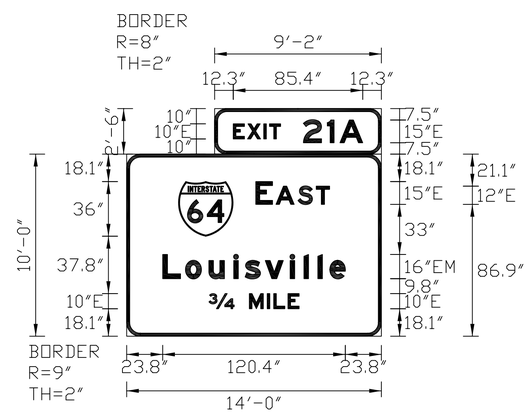
XIGD-13 (BLACK COPY WITH ORANGE BACKGROUND)

STA. 1529+40 LINE "A"



XIGD-15 (BLACK COPY WITH ORANGE BACKGROUND)

STA. 1542+60 LINE "A"



IGDO-15B

STA. 1547+90 LINE "A"

NOTE : (1) ALL SIGNS SHALL HAVE GREEN BACKGROUND WITH WHITE COPY UNLESS OTHERWISE NOTED.

(2) THE LOCATION OF ALL GORE AREA EXIT SIGN SHALL BE LOCATED IN THE FIELD BY THE ENGINEER.

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: MDW
CHECKED: BCP CHECKED: SMD

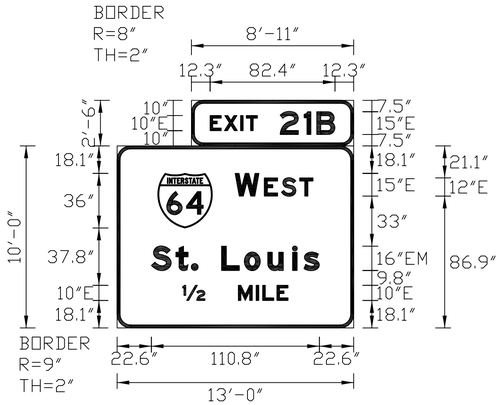
INDIANA DEPARTMENT OF TRANSPORTATION

PANEL SIGN DETAILS

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436

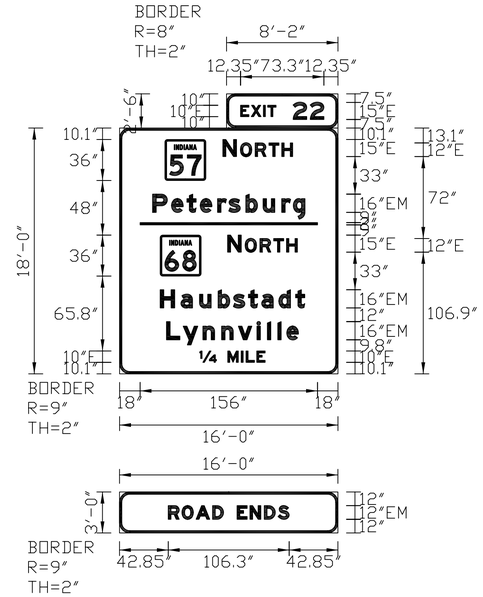
SURVEY BOOK	SHEETS		
"PENDING"	17	of	38
CONTRACT	PROJECT NO.		
IR-29023	IM-069-0(004)		

DIRECTORY.....F:\3200\06-2374 I-69 Design Build\DESIGN\DRAWINGS\signing\
FILE.....Panel Sign Detail 01.dwg
DMSCALE.....LTSCALE.....1
PLOTTED BY.....Mark Wolfe
DATE.....Dec 11,2007 - 5:50pm



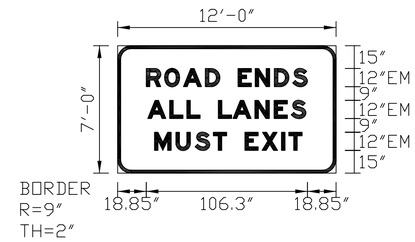
IGDO–15A

STA. 1547+90 LINE "A"



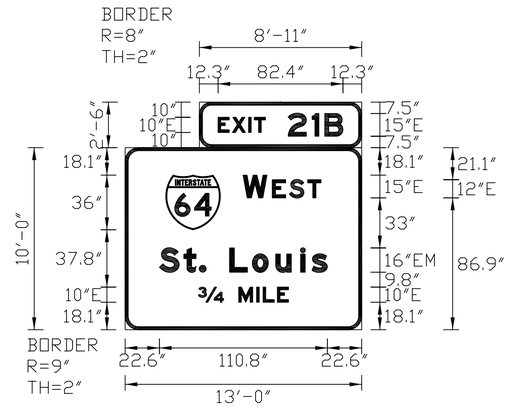
IGD–11/ XIGD–16 (BLACK COPY WITH ORANGE BACKGROUND)

STA. 1550+80 LINE "A"



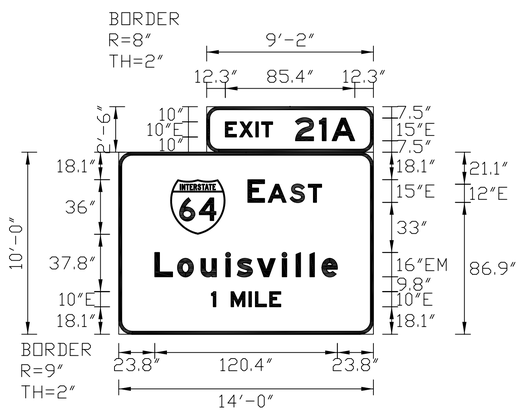
XIGD–17 (BLACK COPY WITH ORANGE BACKGROUND)

STA. 1555+80 LINE "A"



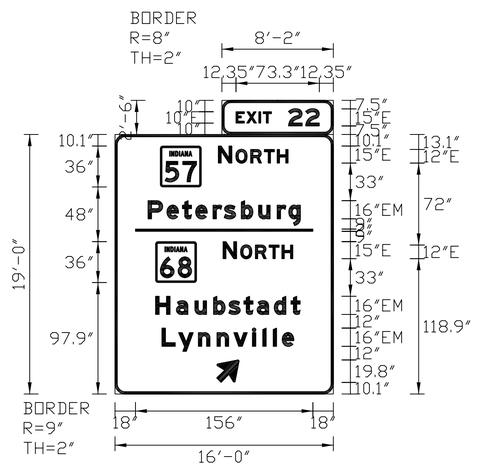
IGDO–16A

STA. 1561+10 LINE "A"



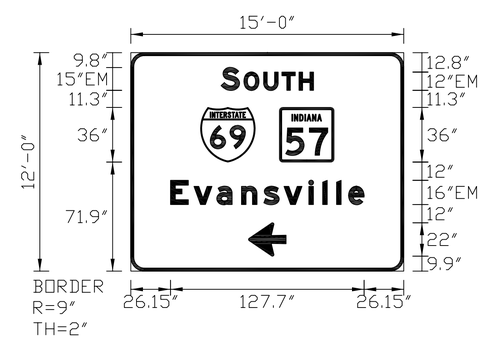
IGDO–16B

STA. 1561+10 LINE "A"



IGD–12

STA. 1564+00 LINE "A"



IGDO–17

STA. 244+00 LINE "D"

NOTE : (1) ALL SIGNS SHALL HAVE GREEN BACKGROUND WITH WHITE COPY UNLESS OTHERWISE NOTED.

(2) THE LOCATION OF ALL GORE AREA EXIT SIGN SHALL BE LOCATED IN THE FIELD BY THE ENGINEER.

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: MDW
CHECKED: BCP CHECKED: SMD

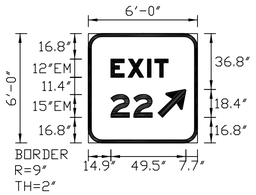
INDIANA DEPARTMENT OF TRANSPORTATION

PANEL SIGN DETAILS

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436

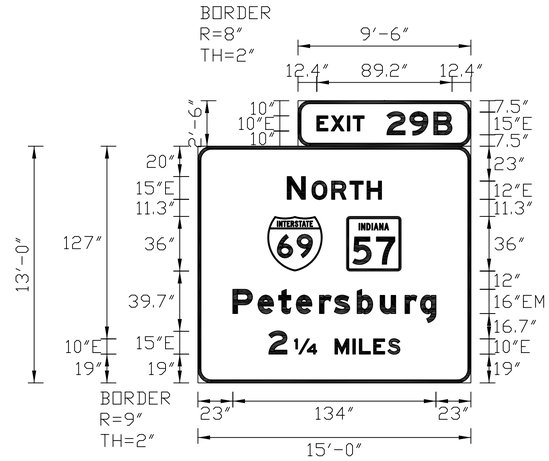
SURVEY BOOK	SHEETS
"PENDING"	18 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

DIRECTORY....F:\2006\06-2374 I-69 Design Build\DESIGN\DRAWINGS\signing\
FILE.....Panel Sign Detail 02.dwg
DGN SCALE.....1.00000000
PLOTTED BY..teblock
DATE.....Dec 11,2007 - 5:51pm



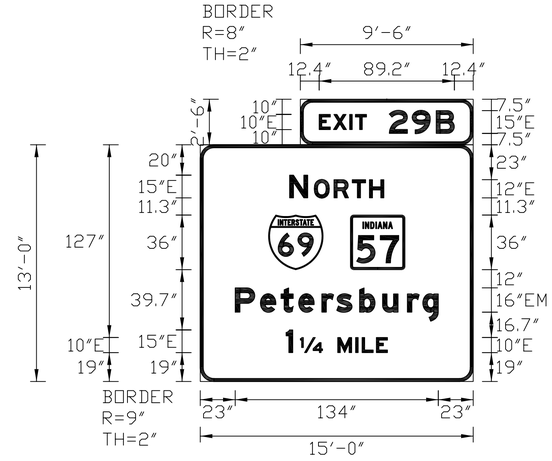
IGD-13

STA. 1577+00 LINE "A"



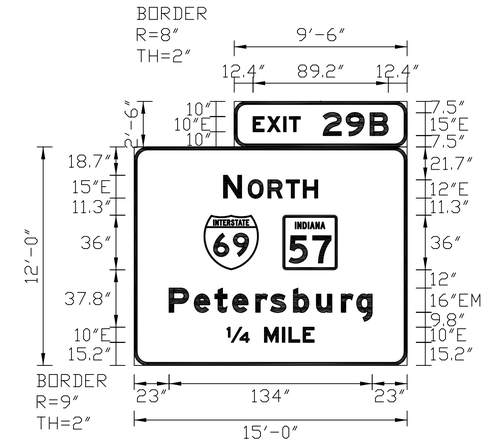
IGDO-7A

STA. 1522+65 LINE "B"



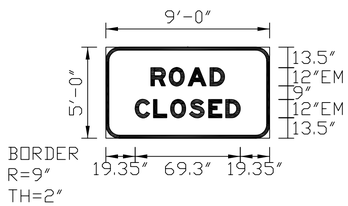
IGDO-8A

STA. 1575+45 LINE "B"



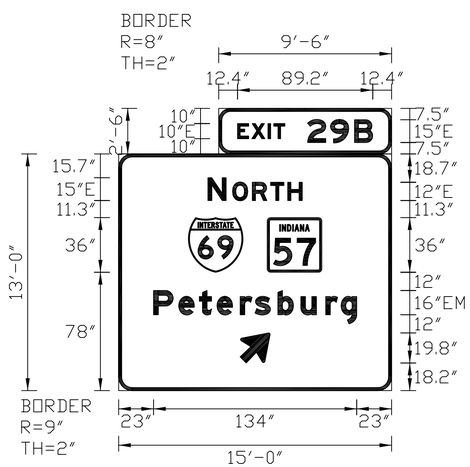
IGDO-9A

STA. 1628+25 LINE "B"



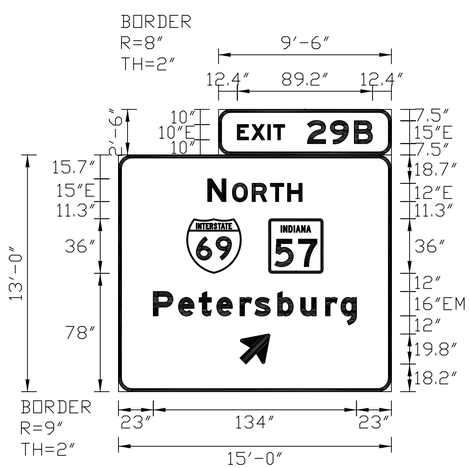
XIGD-18 (BLACK COPY WITH ORANGE BACKGROUND)

STA. 1571+00 LINE "A"



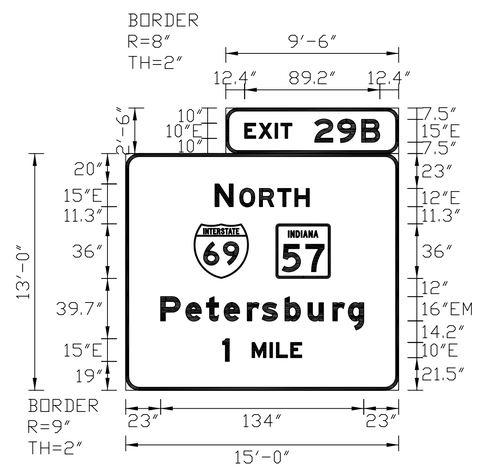
IGDO-11

STA. 1647+86 LINE "B"



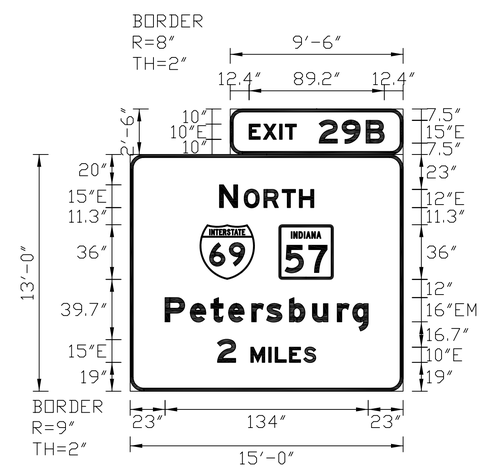
IGDO-12B

STA. 1667+70.8 LINE "B"



IGDO-13B

STA. 1721+00 LINE "B"



IGDO-14B

STA. 1773+80 LINE "B"

NOTE : (1) ALL SIGNS SHALL HAVE GREEN BACKGROUND WITH WHITE COPY UNLESS OTHERWISE NOTED.

(2) THE LOCATION OF ALL GORE AREA EXIT SIGN SHALL BE LOCATED IN THE FIELD BY THE ENGINEER.

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

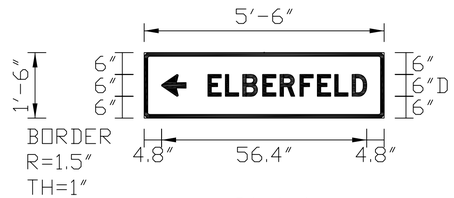
DESIGNED: SMD DRAWN: MDW
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PANEL SIGN DETAILS

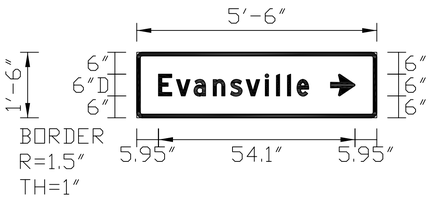
HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	19 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

DIRECTORY...F:\2006\06-2374 I-69 Design Build\DESIGN\DRAWINGS\signing\
FILE.....Panel Sign Detail 03.dwg
PLOTTED AT..FULL SCALE...1
PLOTTED BY..mbisack
DATE.....Dec 11,2007 - 5:52pm



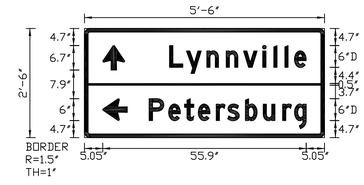
D1-1-1

STA. 89+50 LINE "C-PR"



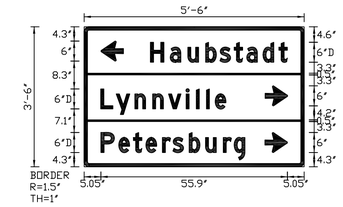
D1-1-2

STA. 236+50 LINE "D"



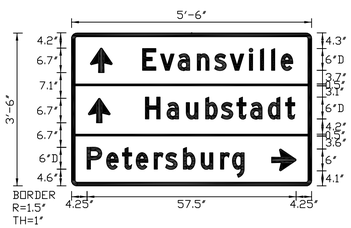
D1-2-1

STA. 270+00 LINE "D"



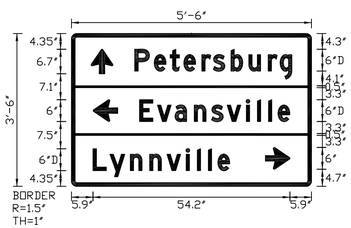
D1-3-1

STA. 17+00 LINE "PB68-PB"



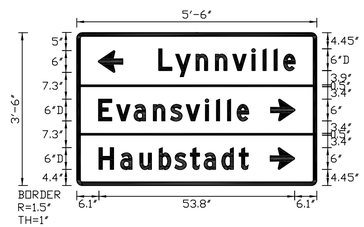
D1-3-2

STA. 279+00 LINE "D"



D1-3-3 Rt.

300' SOUTH OF S.R 68

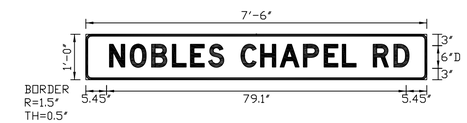


D1-3-4

300' NORTH OF S.R 68

D3-1

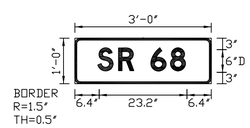
STA. 111+50 LINE "C-PR"



D3-1

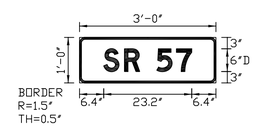
STA. 20+05 LINE "S-2-A-PR"

STA. 44+90 LINE "S-2-A-PR"



D3-1

STA. 266+30 LINE "D"

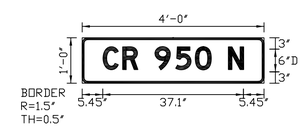


D3-1

STA. 44+90 LINE "S-2-A-PR"

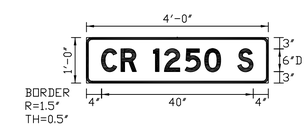
STA. 88+50 LINE "C-PR"

STA. 111+50 LINE "S.R.57"



D3-1

STA. 88+50 LINE "C-PR"



D3-1

STA. 20+05 LINE "S-2-A-PR"

DIRECTORY.....E:\12006\06-2371_I-69 Design Build\DESIGN\DRAWINGS\signing\
FILENAME.....SHEET SIGN DETAILS 0-Deg
DMSCALE.....LTSCALE.....1
PLOTTED BY.....Mark Wolfe
DATE.....Dec 12,2007 - 3:20pm

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: MDW
CHECKED: BCP CHECKED: SMD

INDIANA
DEPARTMENT OF TRANSPORTATION

SHEET SIGN DETAILS

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	20 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

M3-1-B(I)
(36"x18")

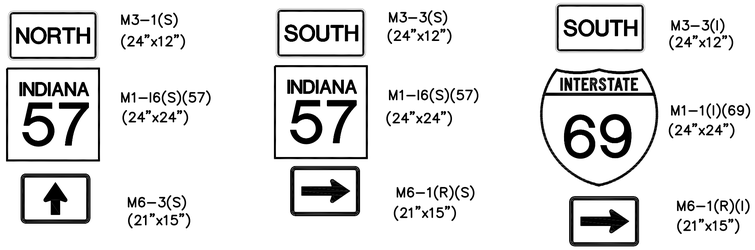
M1-1-A(I)(69)
(36"x36")

RMA-18

M3-3-B(I)
(36"x18")

M1-1-A(I)(69)
(36"x36")

RMA-19



M3-1(S)
(24"x12")

M1-I6(S)(57)
(24"x24")

M6-3(S)
(21"x15")

M3-3(S)
(24"x12")

M1-I6(S)(57)
(24"x24")

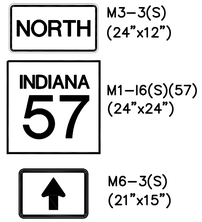
M6-1(R)(S)
(21"x15")

M3-3(I)
(24"x12")

M1-1(I)(69)
(24"x24")

M6-1(R)(I)
(21"x15")

RMA-20



M3-3(S)
(24"x12")

M1-I6(S)(57)
(24"x24")

M6-3(S)
(21"x15")

RMA-21

M3-4(S)
(24"x12")

M1-I6(S)(68)
(24"x24")

M6-1(L)(S)
(21"x15")

M3-1(S)
(24"x12")

M1-I6(S)(57)
(24"x24")

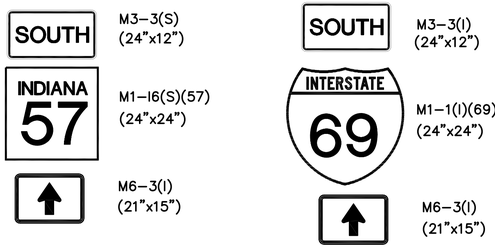
M6-1(R)(S)
(21"x15")

M3-2(S)
(24"x12")

M1-I6(S)(68)
(24"x24")

M6-1(R)(S)
(21"x15")

RMA-22



M3-3(S)
(24"x12")

M1-I6(S)(57)
(24"x24")

M6-3(I)
(21"x15")

M3-3(I)
(24"x12")

M1-1(I)(69)
(24"x24")

M6-3(I)
(21"x15")

RMA-23

M2-1(I)
(21"x15")

M1-1(I)(69)
(24"x24")

M2-1(S)
(21"x15")

M1-I6(S)(57)
(24"x24")

RMA-24

M2-1(I)
(21"x15")

M1-1(I)(69)
(24"x24")

RMA-25

M2-1(S)
(21"x15")

M1-I6(S)(57)
(24"x24")

RMA-26

M2-1(S)
(21"x15")

M1-I6(S)(68)
(24"x24")

RMA-27

M3-1(S)
(24"x12")

M1-I6(S)(57)
(24"x24")

M6-1(L)(S)
(21"x15")

RMA-28

DIRECTORY: F:\2006\06-2374_I-69 Design Build\DESIGN\DRAWINGS\signing\ 1.75CALE.I
DGN: RMA-Sign Detail 03.dwg DWSCALE.T
PLOTTED BY: Patel, Sagar
DATE: Dec 03,2007 - 8:22am

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: SEG
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

RMA SIGN DETAILS

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	21 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

M1–1(I)(69)
(24"x24")

M6–1(R)(I)
(21"x15")

M3–3(S)
(24"x12")

M1–I6(S)(57)
(24"x24")

M6–1(R)(S)
(21"x15")

M3–2(S)
(24"x12")

M1–I6(S)(68)
(24"x24")

M6–4(S)
(21"x15")

RMA-30

M2–1(S)
(21"x15")

M1–1(I)(69)
(24"x24")

M6–3(I)
(21"x15")

M3–3(S)
(24"x12")

M1–I6(S)(57)
(24"x24")

M6–3(S)
(21"x15")

M3–1(S)
(24"x12")

M1–I6(S)(57)
(24"x24")

M6–1(R)(S)
(21"x15")

RMA-31

M1–1(I)(69)
(24"x24")

M6–1–A(L)(I)
(21"x15")

M3–3(S)
(24"x12")

M1–I6(S)(57)
(24"x24")

M6–1(L)(S)
(21"x15")

M3–1(S)
(24"x12")

M1–I6(S)(57)
(24"x24")

M6–3(S)
(21"x15")

M1–I6(S)(68)
(24"x24")

M6–4(S)
(21"x15")

RMA-32

M2–1(S)
(21"x15")

M1–I6(S)(57)
(24"x24")

M2–1(S)
(21"x15")

M1–I6(S)(68)
(24"x24")

RMA- 33

M2–1(S)
(21"x15")

M1–I6(S)(57)
(24"x24")

RMA-34

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

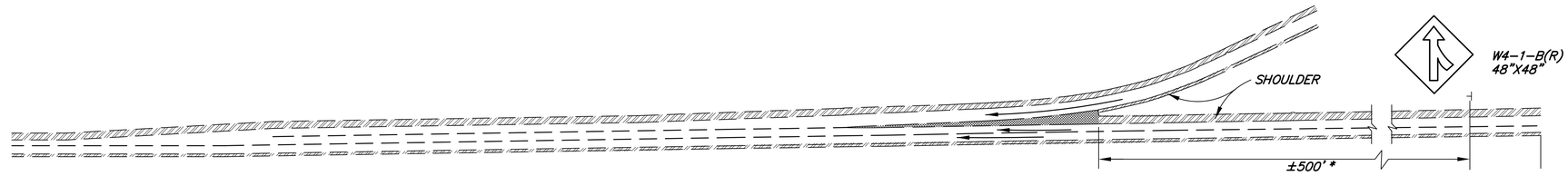
DESIGNED: SMD DRAWN: SEG
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

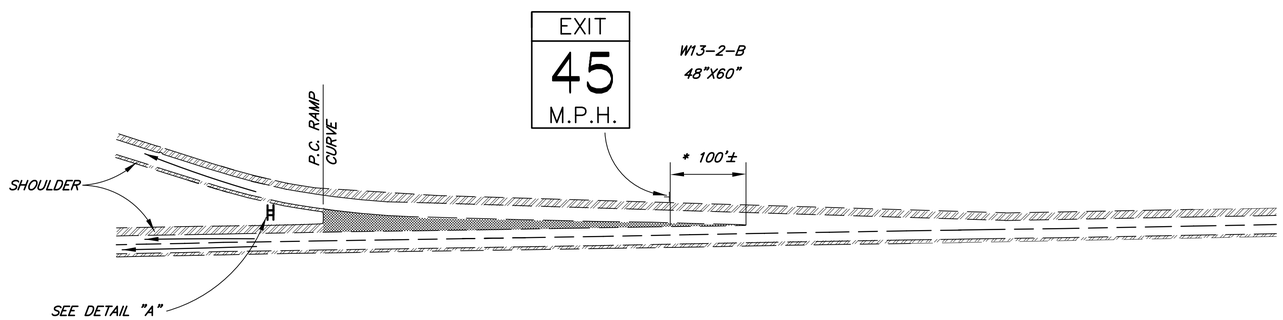
RMA SIGN DETAILS

HORIZONTAL SCALE	BRIDGE FILE
NA	I–69–26–8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	22 of 38
CONTRACT	PROJECT
IR–29023	IM–069–0(004)

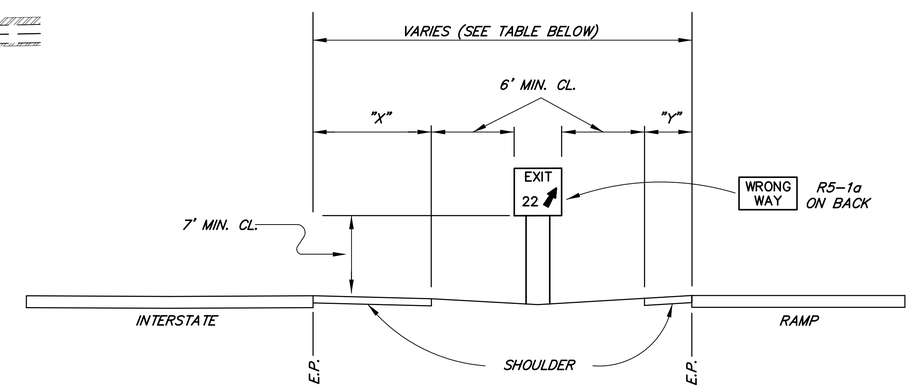
DIRECTORY: F:\2006\06-2374_I-69 Design Build\DESIGN\DRAWINGS\signing\ I_TSCALE.T
FILE NAME: RMA Sign Detail 02.dwg DWGSCALE.T
PLOTTED BY: Melissa Hale
DATE: Dec 05,2007 - 9:21am



SIGNING FOR PARALLEL ACCELERATION LANE



SIGNING FOR TAPERED DECELERATION LANE



* THE DISTANCE AND THE STATIONS SHOWN IN THE PLANS ARE FOR APPROX. LOCATION. THE W4-1-B(R) AND W13-2-B SHALL BE LOCATED IN THE FIELD BY THE ENGINEER.

ALL SIGNS SHALL BE OFFSET A MIN. OF 6' FROM THE EDGE OF THE SHOULDER

SIGN WIDTH	SHOULDER WIDTH		GORE WIDTH
	"X"	"Y"	
5.0	6.50	4.0	31.0
6.0	10.0	4.0	32.5
7.0	10.0	4.0	33.5

DETAIL "A"

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

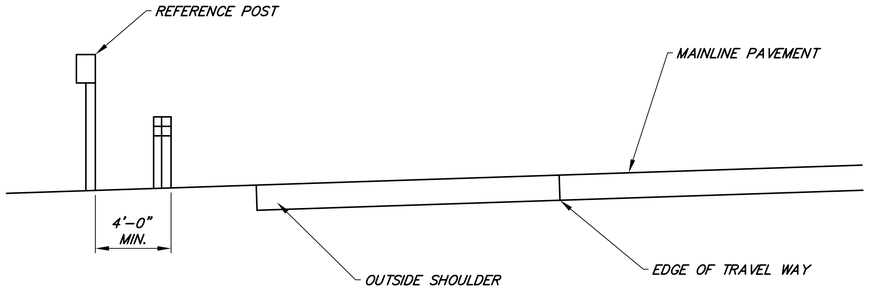
DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

RAMP SIGNING DETAILS

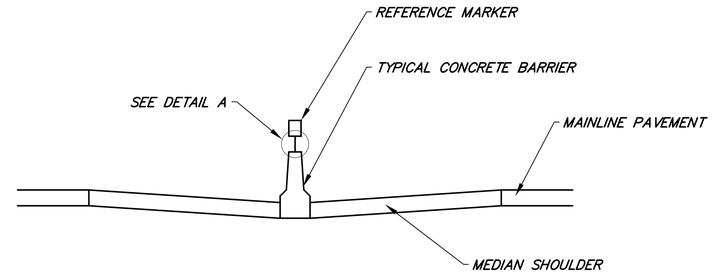
HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	23 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

DIRECTORY....F:\2008\08-2374 I-69 Design Build\DESIGN\DRAWINGS\signing\
FILE....Ramp Sign Details.dgn
DMGSCALE..200 TSCALE..100
PLOTTED BY..bebcock
DATE/TIME..Mon, 02.12.2007 - 3:29pm

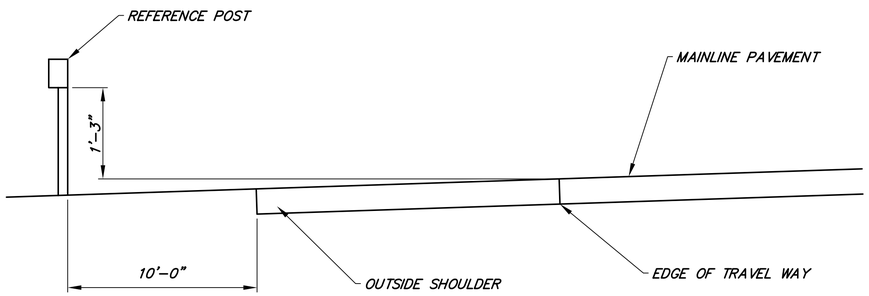


OUTSIDE SHOULDER WITH GUARDRAIL

SCALE 1/4" = 1'-0"

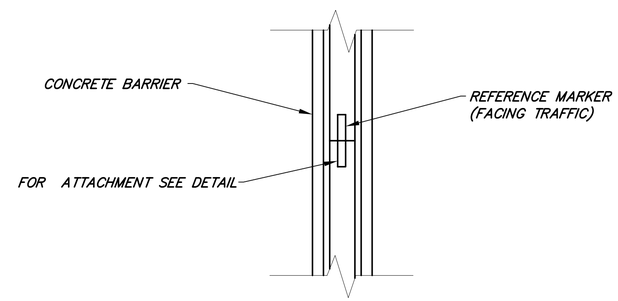


CROSS SECTION VIEW



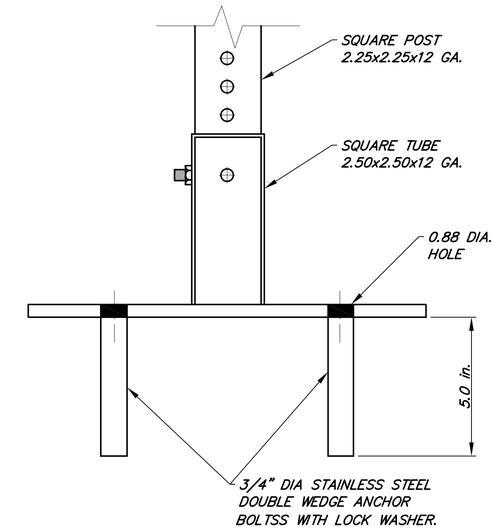
RAMP PLACEMENT

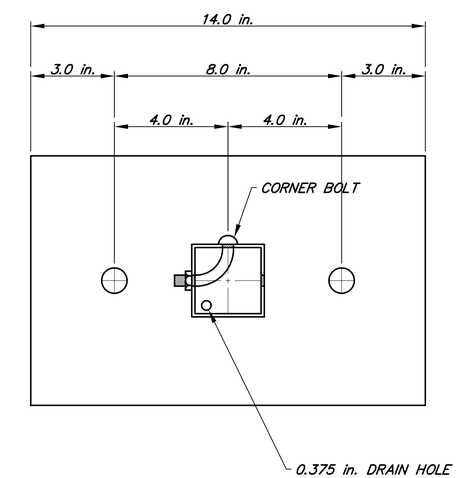
SCALE 1/4" = 1'-0"



PLAN VIEW
SINGLE MEDIAN BARRIER

SCALE: 1/4"=1'-0"





BARRIER MOUNTING BRACKET
DETAIL A

SCALE: 3/8"=1'-0"

MILE POST MARKER TABLE

M.P. No.	SIGN LOCATION	SIGN CODE in. x in	SIGN SIZE	POST LENGTH	REMARKS
LINE "A"					
20.5	1483+49.5	EXIST.	EXIST.		I-164 NB-NO CHANGE REQ'D.
20.5	1483+50.4	EXIST.	EXIST.		I-164 SB-NO CHANGE REQ'D.
21.0	1509+89.5	D10-2	12x36		I-69 NB
21.0	1509+89.5	D10-2	12x36		I-69 SB
22.0	1562+69.5	D10-2	12x36		I-69 NB
22.0	1562+69.5	D10-2	12x36		I-69 SB

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

REFERENCE MARKER DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
PENDING	24 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

DIRECTORY...F:\2006\06-2374 I-69 Design Build\DESIGN\DRAWINGS\signing\ LTSCALE...1
FILE:.....Reference marker detail sheet1.dwg DIMSCALE.4
PLOTTED BY:.....Bhagwan Patel
DATE:.....Jan 09,2008 - 8:42am

PANEL SIGN SUMMARY TABLE

LOCATION (STATION)	SIGN CODE	SIGN SIZE (FTxFT)	SIGN SUMMARY: PANEL SIGN AREA (SFT.) ENCAPSULATED LENS REFLECTIVE SHEETING	POST LENGTH (FT.): POST 1 POST LENGTH	POST 1 STUB LENGTH	POST 2 POST LENGTH	POST 2 STUB LENGTH	POST 3 POST LENGTH	POST 3 STUB LENGTH	W6 x 9 STEEL (LBS.)	W6 x 9 FND TYPE VII	W8 x 10 STEEL (LBS.)	W8 x 10 FND TYPE VII	W8 x 15 STEEL (LBS.)	W8 x 15 FND TYPE IX	W8 x 13 STEEL (LBS.)	W8 x 13 FND TYPE X	W8 x 18 STEEL (LBS.)	W8 x 18 FND TYPE XI	W10 x 19 STEEL (LBS.)	W10 x 19 FND TYPE XII
LINE "A"																					
1479+47.6	IGDO-3A	15x12	180		MOUNTED ON EXIST. BOX TRUSS																
1494+00	IGD-7	7x6	42																		
1515+00	IGD-8	7x6	42																		
1524+40	IGD-9	8.17x2.5	20.41																		
		16x18	288																		
	XIGD-12	16x3	48																		
1529+40	XIGD-13	16x7	112																		
1537+60	IGD-10	8.17x2.5	20.41																		
		16x18	288																		
	XIGD-14	16x3	48																		
1542+60	XIGD-15	12x7	84																		
1547+90	IGDO-15A	8.92x2.5	22.30		MOUNTED ON BOX TRUSS																
		13x10	130																		
	IGDO-15B	9.17x2.5	22.91		MOUNTED ON BOX TRUSS																
		14x10	140																		
1550+80	IGD-11	8.17x2.5	20.41																		
		16x18	288																		
	XIGD-16	16x3	48																		
1555+80	XIGD-17	12x7	84																		
1561+10	IGDO-16A	8.92x2.5	22.30		MOUNTED ON BOX TRUSS																
		13x10	130																		
	IGDO-16B	9.17x2.5	22.92		MOUNTED ON BOX TRUSS																
		14x10	140																		
1564+00	IGD-12	8.17x2.5	20.41																		
		16x19	304																		
1571+00	XIGD-18	9x5	45																		
1577+00	IGD-13	6x6	36																		
LINE "B"																					
1522+65	IGDO-7A	9.5x2.5	23.75		MOUNTED ON EXIST. BOX TRUSS																
		15x13	195																		
1575+45	IGDO-8A	9.5x2.5	23.75		MOUNTED ON EXIST. BOX TRUSS																
		15x13	195																		
1628+25	IGDO-9A	9.5x2.5	23.75		MOUNTED ON EXIST. BOX TRUSS																
		15x12	180																		
SUB-TOTAL			3,290.32																		

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: SEG
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PANEL SIGN SUMMARY TABLE

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	25 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

DIRECTORY= F:\2006\06-2174 I-69 Design Build\DESIGN\DRAWINGS\TABLES\ L/SCALE=1
DGN= PANEL SIGN TABLE 01.dwg DWG/SCALE=1
PLOTTED BY: PAUL SEG
DATE Dec 11,2007 - 8:53am

PANEL SIGN SUMMARY TABLE

LOCATION (STATION)	SIGN CODE	SIGN SIZE (FTxFT)	SIGN SUMMARY: PANEL SIGN AREA (SFT.) ENCAPSULATED LENS REFLECTIVE SHEETING	POST LENGTH (FT.): POST 1 POST LENGTH	POST 1 STUB LENGTH	POST 2 POST LENGTH	POST 2 STUB LENGTH	POST 3 POST LENGTH	POST 3 STUB LENGTH	W6 x 9 STEEL (LBS.)	W6 x 9 FND TYPE VII	W8 x 10 STEEL (LBS.)	W8 x 10 FND TYPE VII	W8 x 15 STEEL (LBS.)	W8 x 15 FND TYPE IX	W8 x 13 STEEL (LBS.)	W8 x 13 FND TYPE X	W8 x 18 STEEL (LBS.)	W8 x 18 FND TYPE XI	W10 x 19 STEEL (LBS.)	W10 x 19 FND TYPE XII
LINE "B"																					
1647+86	IGDO-11	9.5x2.5	23.75		MOUNTED ON EXIST. BOX TRUSS																
		15x13	195																		
1667+70.8	IGDO-12B	9.5x2.5	23.75		MOUNTED ON EXIST. BOX TRUSS																
		15x13	195																		
1721+00	IGDO-13B	9.5x2.5	23.75		MOUNTED ON EXIST. BOX TRUSS																
		15x13	195																		
1773+80	IGDO-14B	9.5x2.5	23.75		MOUNTED ON EXIST. BOX TRUSS																
		15x13	195																		
LINE "D"																					
244+00	IGDO-17	15x12	180		MOUNTED ON CANTILEVER STRUCTURE																
SUB-TOTAL			1,055.00																		
TOTAL			4,345.32																		

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: SEG
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PANEL SIGN SUMMARY TABLE

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	26 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

DIRECTORY... F:\2006\06-2174 I-69 Design Build\DESIGN\DRAWINGS\TABLES\ 1/2SCALE...1
DGN FILE... PANEL SIGN TABLE 02.dwg DWGSCALE...1
PLOTTED BY: PAUL SEG
DATE..... Dec 11,2007 - 8:40am

SHEET SIGN & POST SUMMARY

	PLAN SHEET NO. / LINE	SIGN LOCATION	SIGN CODE	SIGN (in.xin.)	SIGN 0.080 SFT.	SIGN 0.100 SFT.	SIGN 0.125 SFT.	SIGN 0.080 SFT.	SIGN 0.100 SFT.	SIGN 0.125 SFT.	POST: SQUARE, QUIK – PUNCH 2¼" x 2¼" x 12 ga. (TYPE 1) UNREINFORCED POST LENGTH (FT.) 1	2	TOTAL	REINFORCED POST LENGTH (FT.) 1	2	TOTAL	2" x 2" x 12 ga. (TYPE 2) UNREINFORCED POST LENGTH (FT.) 1	2	TOTAL	REINFORCED POST LENGTH (FT.) 1	2	TOTAL	21/2" x 2 1/2" x 12 ga. (TYPE 3) UNREINFORCED POST LENGTH (FT.) 1	2	TOTAL	REINFORCED POST LENGTH (FT.) 1	2	TOTAL
I-164/I-69	LINE "A"																													
		1479+47.6, RT.	M1-1-A(I)(69)	36x36		9.00								MOUNTED ON IGDO-3A																
			M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGDO-3A																
		1494+00, LT.	R5-1a	42x30	8.75									MOUNTED ON BACK OF IGD-7																
		1503+50, RT.	W13-3(25)	48x60		20.00																								
		1506+00, RT.	R5-1a	42x30	8.75									MOUNTED ON BACK OF IGDE-6																
		1507+00, LT.	W4-1(R)	48x48		16.00																								
		1509+80, RT	W4-1(R)	48x48		16.00																								
		1515+00, LT.	R5-1a	42x30	8.75									MOUNTED ON BACK OF IGD-8																
		1520+50, LT.	W13-3(45)	48x60		20.00																								
		1524+40, RT.	M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGD-9																
			M1-16-A(S)(68)	36x36		9.00								MOUNTED ON IGD-9																
		1534+00, RT.	RMA-18																											
			M3-1-B(I)	45x21	6.56																									
			M1-1-A(I)(69)	36x36		9.00																								
		1537+60, RT.	M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGD-10																
			M1-16-A(S)(68)	36x36		9.00								MOUNTED ON IGD-10																
		1540+00, RT.	R2-1(70)	48x60		20.00																								
		1544+00, RT.	W9-1(L) (2 EACH)	36x36		18.00																								
		1547+90, LT.	M1-1-A(I)(64)	36x36		9.00								MOUNTED ON IGDO-15A																
		1547+90, LT.	M1-1-A(I)(64)	36x36		9.00								MOUNTED ON IGDO-15B																
		1548+50, RT.	W4-2(L) (2 EACH)	36x36		18.00																								
		1550+80, RT.	M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGD-11																
			M1-16-A(S)(68)	36x36		9.00								MOUNTED ON IGD-11																
		1552+00, LT.	R2-1(70)	48x60		20.00																								
		1558+00, LT.	RMA-19																											
			M3-3-B(I)	36x18	4.5																									
			M1-1-A(I)(69)	36x36		9.00																								
		1561+10, LT.	M1-1-A(I)(64)	36x36		9.00								MOUNTED ON IGDO-16A																
		1561+10, LT.	M1-1-A(I)(64)	36x36		9.00								MOUNTED ON IGDO-16B																
		1564+00, LT.	R4-1	48x60		20.00																								
		1564+00, RT.	R4-1	48x60		20.00																								
		1577+00, RT.	R5-1a	48x60		20.00								MOUNTED ON BACK OF IGD-13																
I-64																														
	LINE "B"																													
		1522+65, RT.	M1-1-A(I)(69)	36x36		9.00								MOUNTED ON IGDO-7A																
			M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGDO-7A																
		1575+45, RT.	M1-1-A(I)(69)	36x36		9.00								MOUNTED ON IGDO-8A																
			M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGDO-8A																
		1628+25, RT.	M1-1-A(I)(69)	36x36		9.00								MOUNTED ON IGDO-9A																
			M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGDO-9A																
		1645+39, LT.	W13-3 (25)	48x60		20.00																								
		1647+86,RT.	M1-1-A(I) (69)	36x36		9.00								MOUNTED ON IGDO-11																
			M1-16-A (S) (57)	36x36		9.00								MOUNTED ON IGDO-11																
		1667+70.8, LT.	M1-1-A(I)(69)	36x36		9.00								MOUNTED ON IGDO-12B																
			M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGDO-12B																
		1721+00, LT.	M1-1-A(I)(69)	36x36		9.00								MOUNTED ON IGDO-13B																
			M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGDO-13B																
		1773+80, LT.	M1-1-A(I)(69)	36x36		9.00								MOUNTED ON IGDO-14B																
			M1-16-A(S)(57)	36x36		9.00								MOUNTED ON IGDO-14B																
SHEET TOTAL					37.31	480.00																								

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN SUMMARY SHEET

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	27 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

DIRECTORY...F:\2006\06-2374 I-69 Design Build\DESIGN\DRAWINGS\TABLES\ LTSCALE...1
FILE:..... Sheet Sign Summary Table.dwg **Layout1** DWSCALE...1
PLOTTED BY: tebrooks
DATE:..... Dec 02,2007 - 4:03am

SHEET SIGN & POST SUMMARY

	PLAN SHEET NO. / LINE	SIGN LOCATION	SIGN CODE	(in.xin.)	SIGN 0.080 SFT.	SIGN 0.100 SFT.	SIGN 0.125 SFT.	SIGN 0.080 SFT.	SIGN 0.100 SFT.	SIGN 0.125 SFT.	POST: SQUARE, QUIK – PUNCH, 2¼" x 2¼" x 12 ga. (TYPE 1), UNREINFORCED, POST LENGTH (FT.) 1	2	TOTAL	REINFORCED, POST LENGTH (FT.) 1	2	TOTAL	2" x 2" x 12 ga. (TYPE 2), UNREINFORCED, POST LENGTH (FT.) 1	2	TOTAL	REINFORCED, POST LENGTH (FT.) 1	2	TOTAL	21/2" x 2 1/2" x 12 ga. (TYPE 3), UNREINFORCED, POST LENGTH (FT.) 1	2	TOTAL	REINFORCED, POST LENGTH (FT.) 1	2	TOTAL
SR 68																													
	LINE "D"																												
		233+50, RT.	RMA–24																										
			M2–1(I)	21x15	2.19																								
			M1–1(I)(69)	24x24	4.00																								
			M2–1(S)	21x15	2.19																								
			M1–16(S)(57)	24x24	4.00																								
		234+00, LT.	R2–1 (55)	24x30	5.00																								
		236+50, RT.	D1–1–2	66x18	8.25																								
		239+00, RT.	R3–2	24x24	4.00																								
		239+50, RT.	RMA–20																										
			M3–1(S)	24x12	2.00																								
			M1–16(S)(57)	24x24	4.00																								
			M6–3(S)	21x15	2.19																								
		239+50, RT.	M3–3(S)	24x12	2.00																								
			M1–16(S)(57)	24x24	4.00																								
			M6–1(R)(S)	21x15	2.19																								
			M3–3(I)	24x12	2.00																								
			M1–1(I)(69)	24x24	4.00																								
			M6–1(R)(I)	21x15	2.19																								
		240+50,	R3–1	24x24	4.00																								
		244+00, LT.	M1–1–A(I)(69)	36x36		9.00								MOUNTED ON IGDO–17															
			M1–16–A(S)(57)	36x36		9.00									MOUNTED ON IGDO–17														
		251+85, RT.	R3–1	24x24	4.00																								
		253+40, RT.	RMA–22																										
			M3–1(S)	24x12	2.00																								
			M1–16(S)(57)	24x24	4.00																								
			M6–1(R)(S)	21x15	2.19																								
			M3–4(S)	24x12	2.00																								
			M1–16–A(S)(68)	24x24	4.00																								
			M6–1(L)(S)	21x15	2.19																								
			M3–2(S)	24x12	2.00																								
			M1–16(S)(68)	24x24	4.00																								
			M6–1(R)(S)	21x15	2.19																								
		253+70, LT.	RMA–23																										
			M3–3(S)	24x12	2.00																								
			M1–16(S)(57)	24x24	4.00																								
			M6–3(S)	21x15	2.19																								
			M3–3(I)	24x12	2.00																								
			M1–1(I)(69)	24x24	4.00																								
			M6–3(I)	21x15	2.19																								
		253+70, RT.	RMA–21																										
			M3–3(S)	24x12	2.00																								
			M1–16(S)(57)	24x24	4.00																								
			M6–3(S)	21x15	2.19																								
		255+00, LT.	R3–2	24x24	4.00																								
		258+11.9, RT.	W3–3	36x36		9.00																							
		259+00, RT.	R2–1(55)	24x30	5.00																								
		259+70, LT.	RMA–25																										
			M2–1(I)	21x15	2.19																								
			M1–1(I)(69)	24x24	4.00																								
		265+05, RT.	W14–3	30x30	6.25																								
		265+50, LT.	R1–1	30x30	6.25																								
		266+30, LT.	D3–1(SR 68)	36x12	3.00																								
		267+00, RT.	RMA–26																										
			M2–1(S)	21x15	2.19																								
			M1–16(S)(57)	24x24	4.00																								
		267+00, LT.	R2–1(55)	24x30	5.00																								
		267+88.8, LT.	W14–3	36x48x48		5.56																							
		270+00, RT.	D1–2–1	66x30	13.75																								
		272+33.9, RT.	W14–3	36x48x48		5.56																							
SHEET TOTAL					166.97	38.12																							

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PLOTTED BY:tebrock
DATE.....Dec 02,2007 – 4:07am

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN SUMMARY SHEET

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	28 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

SHEET SIGN & POST SUMMARY

	SIGN									POST																	
										SQUARE, QUIK – PUNCH																	
										2¼" x 2¼" x 12 ga. (TYPE 1)						2" x 2" x 12 ga. (TYPE 2)						21/2" x 2 1/2" x 12 ga. (TYPE 3)					
										UNREINFORCED			REINFORCED			UNREINFORCED			REINFORCED			UNREINFORCED			REINFORCED		
				0.080	0.100	0.125	0.080	0.100	0.125	POST LENGTH (FT.)			POST LENGTH (FT.)			POST LENGTH (FT.)			POST LENGTH (FT.)			POST LENGTH (FT.)			POST LENGTH (FT.)		
				(in.xin.)	SFT.	SFT.	SFT.	SFT.	SFT.	SFT.	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL	1	2	TOTAL
SR 68																											
	LINE "D" (CONT.)	273+00, RT.	RMA–33																								
			M2–1(S)	21x15	2.19																						
			M1–16(S)(57)	24x24	4.00																						
			M2–1(S)	21x15	2.19																						
			M1–16(S)(68)	24x24	4.00																						
		273+18.1, RT.	W3–3	36x36		9.00																					
		273+71, RT.	RMA–28																								
			M3–1(S)	24x12	2.00																						
			M1–16(S)(57)	24x24	4.00																						
			M6–1(L)(S)	21x15	2.19																						
		273+90, LT.	RMA–30																								
			M1–1(I)(69)	24x24	4.00																						
			M6–1(R)(I)	21x15	2.19																						
			M3–3(S)	24x12	2.00																						
			M1–16(S)(57)	24x24	4.00																						
			M6–1(R)(S)	21x15	2.19																						
			M3–2(S)	24x12	2.00																						
			M1–16(S)(68)	24x24	4.00																						
			M6–4(S)	21x15	2.19																						
		274+92, RT.	RMA–32																								
			M1–1(I)(69)	24x24	4.00																						
			M6–1(L)(I)	21x15	2.19																						
			M3–1(S)	24x12	2.00																						
			M1–16(S)(57)	24x24	4.00																						
			M6–3(S)	21x15	2.19																						
			M1–16(S)(68)	24x24	4.00																						
			M6–4(S)	21x15	2.19																						
		273+65, LT.	RMA–31																								
			M2–1(S)	21x15	2.19																						
			M1–1(I)(69)	24x24	4.00																						
			M6–3(I)	21x15	2.19																						
			M3–3(S)	24x12	2.00																						
			M1–16(S)(57)	24x24	4.00																						
			M6–3(S)	21x15	2.19																						
			M3–1(S)	24x12	2.00																						
			M1–16(S)(57)	24x24	4.00																						
			M6–1(S)(R)	21x15	2.19																						
		276+28, LT.	M2–1(S)	21x15	2.19																						
			M1–16(S) (68)	24x24	4.00																						
		279+00, LT.	D1–3–2	66x42		19.25																					
		279+86.2, RT.	W7–3A(9)	30x30	6.25																						
		300' SOUTH OF SR 68	D1–3–3 RT.	66x42		19.25																					
		300' NORTH OF SR 68	D1–3–4	66x42		19.25																					
		284+26, LT.	RMA–34																								
			M2–1(S)	21x15	2.19																						
			M1–16(S)(57)	24x24	4.00																						
SHEET TOTAL					107.10	66.75																					

BHAGWAN C. PATEL ★ REGISTERED ★ NO. 16003 STATE OF INDIANA ★ PROFESSIONAL ENGINEER ★

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN SUMMARY SHEET

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	29 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

DIRECTORY....F:\2006\06-2374 I-69 Design Build\DESIGN\DRAWINGS\TABLES\ LTSCALE...1
FILE.....Sheet Sign Summary Table.dwg **Layout3** DIMSCALE...1
PLOTTED BY...Beck
DATE.....Dec 02,2007 – 4:18am

SHEET SIGN & POST SUMMARY

	PLAN SHEET NO. / LINE	SIGN LOCATION	SIGN CODE	(in.xin.)	SIGN 0.080 SFT.	SIGN 0.100 SFT.	SIGN 0.125 SFT.	SIGN 0.080 SFT.	SIGN 0.100 SFT.	SIGN 0.125 SFT.	POST: SQUARE, QUIK – PUNCH 2¼" x 2¼" x 12 ga. (TYPE 1) UNREINFORCED POST LENGTH (FT.) 1	2	TOTAL	REINFORCED POST LENGTH (FT.) 1	2	TOTAL	2" x 2" x 12 ga. (TYPE 2) UNREINFORCED POST LENGTH (FT.) 1	2	TOTAL	REINFORCED POST LENGTH (FT.) 1	2	TOTAL	21/2" x 2 1/2" x 12 ga. (TYPE 3) UNREINFORCED POST LENGTH (FT.) 1	2	TOTAL	REINFORCED POST LENGTH (FT.) 1	2	TOTAL
NOBLES CHAPEL RD.																													
	LINE "S-2-A-PR"																												
		20+05, LT.	R1-1	30x30	6.25																								
		20+05, RT.	D3-1	90x12	7.50																								
		20+05, RT.	D3-1	90x12	7.50																								
		21+45, RT.	R1-1	30x30	6.25																								
		23+99, LT.	W1-2(L)	30x30	6.25																								
		23+99, LT.	W13-1(25)	24x30	5.00																								
		24+82, RT.	W1-2	30x30	6.25																								
		24+82, RT.	W13-1(25)	24x30	5.00																								
		35+40, LT.	W1-2(L)	30x30	6.25																								
		35+40, LT.	W13-1(25)	24x30	5.00																								
		36+20, LT.	OM-3L	12x36		3.00																							
		36+20, RT.	OM-3R	12x36		3.00																							
		38+90, LT.	OM-3R	12x36		3.00																							
		38+90, RT.	OM-3L	12x36		3.00																							
		40+75, LT.	W8-Y8	30x30	6.25																								
		42+37, RT.	R1-1	30x30	6.25																								
		44+90, RT.	R1-1	30x30	6.25																								
		44+90, LT.	D3-1	90x12	7.50																								
		44+90, LT.	D3-1	36x12	3.00																								
SR 57 (RELOCATED)																													
	LINE "C-PR"																												
		88+50, LT.	R1-1	30x30	6.25																								
		88+50, RT.	D3-1	36x12	3.00																								
		88+50, RT.	D3-1	48x12	4.00																								
		89+50, LT.	D1-1-1	66x18	8.25																								
		92+00, LT.	R2-1	24x30	5.00																								
		97+00, LT.	R2-1	24x30	5.00																								
		105+00, RT.	R2-1	24x36		6.00																							
		111+50, RT.	D3-1	36x12	3.00																								
		111+50, RT.	D3-1	96x12	8.00																								
		113+00, RT.	R1-1	30x30	6.25																								
CR 950 N.																													
	LINE "T-1-A"																												
		36+00, LT.	W14-1	30x30	6.25																								
CR 1250 S.																													
	LINE "T-1-A-PR"																												
		17+47, LT.	W3-1	36x36		9.00																							
		20+47, LT.	R1-1	30x30	6.25																								
		21+45, RT.	R1-1	30x30	6.25																								
	RAMP E "64-RA"																												
		16+00, RT.	W4-1(R)	48x48		16.00																							
	RAMP E "64-RB"																												
		29+00, RT.	W4-1(R)	48x48		16.00																							
	RAMP "B"																												
		10+00, RT.	W3-1	36x36		9.00																							
		15+00, RT.	R5-1a	42x30	8.75																								
		15+00, LT.	R5-1a	42x30	8.75																								
		17+00, RT.	D1-3-1	66x42		19.25																							
		21+80, RT.	R1-2	60x60x60		25.00																							
		21+80, RT.	R5-1	48x48		16.00																							
		21+80, LT.	R1-1	30x30	6.25																								
		21+80, LT.	R5-1	30x30	6.25																								
		21+80, LT.	R6-1	36x12	3.00																								
	RAMP "C"																												
		3+00	R5-10a	30x36		7.50																							
		5+00	R8-Y9	30x36		7.50																							
		8+00	R5-1a	42x30	8.75																								
SHEET TOTAL					199.75	143.25																							
TOTAL					511.13	728.12																							

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

SHEET SIGN SUMMARY SHEET

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	30 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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FILE....Sheet Sign Summary Table.dwg Layout4 DIMSCALE..1
PLOTTED BY..Beck DATE..Dec 02,2007 - 4:22am

LINE NO.	LOCATION (STA.)	SIGN CODE	SIGN SIZE (ft x ft)	STRUCTURE TYPE	FOUNDATION TYPE LEFT	FOUNDATION TYPE MEDIAN	FOUNDATION TYPE RIGHT	WALKWAY & HANDRAIL (ft)	LUMINAIRES (EA)	COMMENTS
LINE "A"										
	1373+88	IGDOE-1A,1B	EXISTING SIGNS	EXIST. BOX TRUSS				EXISTING WALKWAY & HANDRAIL		NO CHANGE REQ'D.
	1426+68	IGDOE-2A,2B	EXISTING SIGNS	EXIST. BOX TRUSS				EXISTING WALKWAY & HANDRAIL		NO CHANGE REQ'D.
	1479+47.6	IGDO-3A	15x12	EXIST. BOX TRUSS				EXISTING WALKWAY & HANDRAIL	2	
		IGDOE-3B,3C	EXISTING SIGNS	EXIST. BOX TRUSS				EXISTING WALKWAY & HANDRAIL		NO CHANGE REQ'D.
	1498+77	IGDOE-4	EXISTING SIGNS	EXIST. DOUBLE ARM CANTILEVER				EXISTING WALKWAY & HANDRAIL		NO CHANGE REQ'D.
	1501+13	IGDOE-5	EXISTING SIGNS	EXIST. DOUBLE ARM CANTILEVER				EXISTING WALKWAY & HANDRAIL		NO CHANGE REQ'D.
	1521+50	IGDOE-6A,6B,6C	EXISTING SIGNS	BOX TRUSS				TRACK LIGHT SYSTEM	6	
	1547+90	IGDO-15A	8.92x2.5	BOX TRUSS				TRACK LIGHT SYSTEM	4	
			13x10							
		IGDO-15B	9.16x2.5							
			14x10							
	1561+10	IGDO-16A	8.92x2.5	BOX TRUSS				TRACK LIGHT SYSTEM	4	
			13x10							
		IGDO-16B	9.16x2.5							
			14x10							
LINE "D"										
	244+00	IGDO-17	14x12	DOUBLE ARM CANTILEVER				TRACK LIGHT SYSTEM	2	
LINE "B"										
	1522+65	IGDO-7A	9.5x2.5	EXIST. BOX TRUSS				EXTEND EXIST. WALKWAY 1.0'		
			15x13							
	1575+45	IGDO-8A	9.5x2.5	EXIST. BOX TRUSS				EXTEND EXIST. WALKWAY 1.0'		
			15x13							
	1628+25	IGDO-9A	9.5x2.5	EXIST. BOX TRUSS				EXTEND EXIST. WALKWAY 1.0'	2	
			15x12							
	1645+39	IGDOE-10	EXISTING SIGN	EXIST. DOUBLE ARM CANTILEVER				EXISTING WALKWAY & HANDRAIL		NO CHANGE REQ'D.
	1647+86	IGDO-11	9.5x2.5	EXIST. DOUBLE ARM CANTILEVER				TRACK LIGHT SYSTEM	2	
			15x13							
	1667+70.8	IGDO-12B	9.5x2.5	EXIST. BOX TRUSS				EXISTING WALKWAY & HANDRAIL		
			15x13							
	1721+00	IGDO-13B	9.5x2.5	EXIST. BOX TRUSS				EXISTING WALKWAY & HANDRAIL		
			15x13							
	1773+80	IGDO-14B	9.5x2.5	EXIST. BOX TRUSS				EXTEND EXIST. WALKWAY 1.0'		
			15x13							

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: SEG
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE SUMMARY

HORIZONTAL SCALE	BRIDGE FILE
NA	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	31 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

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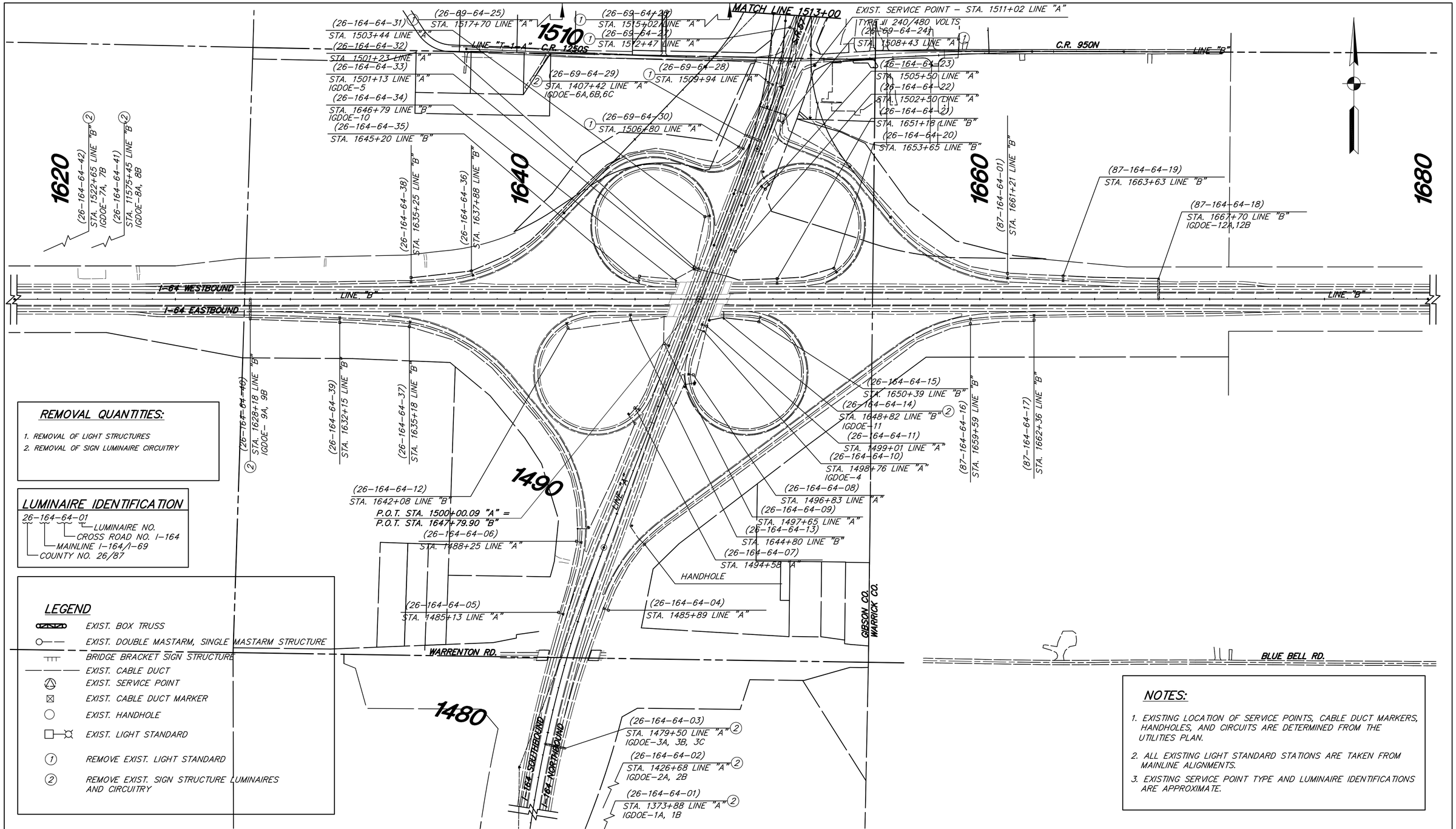
DATE= Dec 11,2007 - 8:14am



REMOVAL QUANTITIES:

1. REMOVAL OF LIGHT STRUCTURES
2. REMOVAL OF SIGN LUMINAIRE CIRCUITRY

LUMINAIRE IDENTIFICATION

26-164-64-01
- LUMINAIRE NO.
- CROSS ROAD NO. I-164
- MAINLINE I-164/I-69
- COUNTY NO. 26/87

LEGEND

- EXIST. BOX TRUSS
- EXIST. DOUBLE MASTARM, SINGLE MASTARM STRUCTURE
- BRIDGE BRACKET SIGN STRUCTURE
- EXIST. CABLE DUCT
- EXIST. SERVICE POINT
- EXIST. CABLE DUCT MARKER
- EXIST. HANDHOLE
- EXIST. LIGHT STANDARD
- (1) REMOVE EXIST. LIGHT STANDARD
- (2) REMOVE EXIST. SIGN STRUCTURE LUMINAIRES AND CIRCUITRY

NOTES:

1. EXISTING LOCATION OF SERVICE POINTS, CABLE DUCT MARKERS, HANDHOLES, AND CIRCUITS ARE DETERMINED FROM THE UTILITIES PLAN.
2. ALL EXISTING LIGHT STANDARD STATIONS ARE TAKEN FROM MAINLINE ALIGNMENTS.
3. EXISTING SERVICE POINT TYPE AND LUMINAIRE IDENTIFICATIONS ARE APPROXIMATE.

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

EXISTING LIGHTING PLANS
I-64 AT I-164

HORIZONTAL SCALE	BRIDGE FILE
1" = 200'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION
NA	0500436
SURVEY BOOK	SHEETS
PENDING	32 of 38
CONTRACT	PROJECT
IR-29023	IM-069-0(004)

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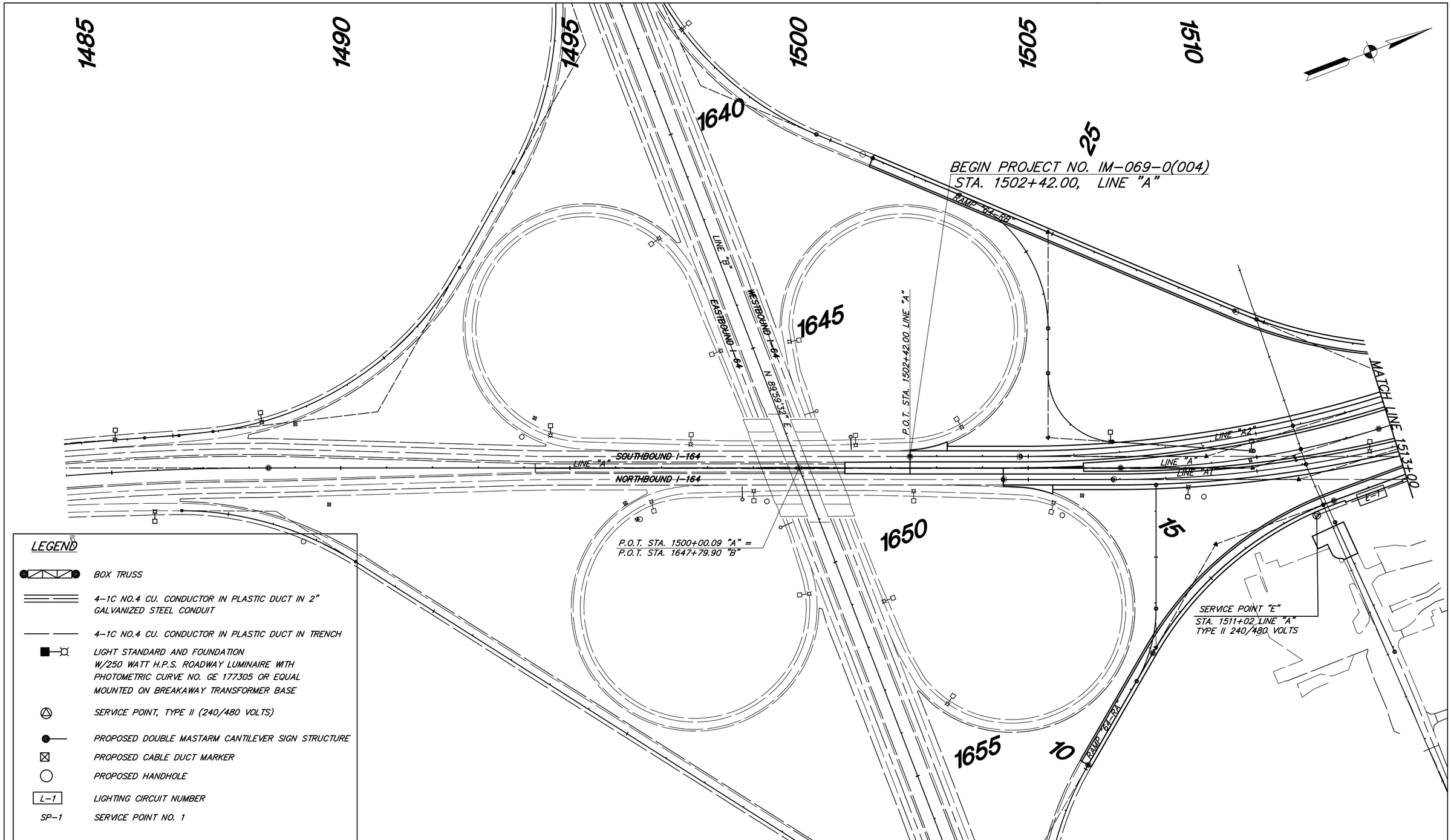

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PLOTTED BY: SEbrock
DATE/TIME: Wed 12/12/07 - 11:54am

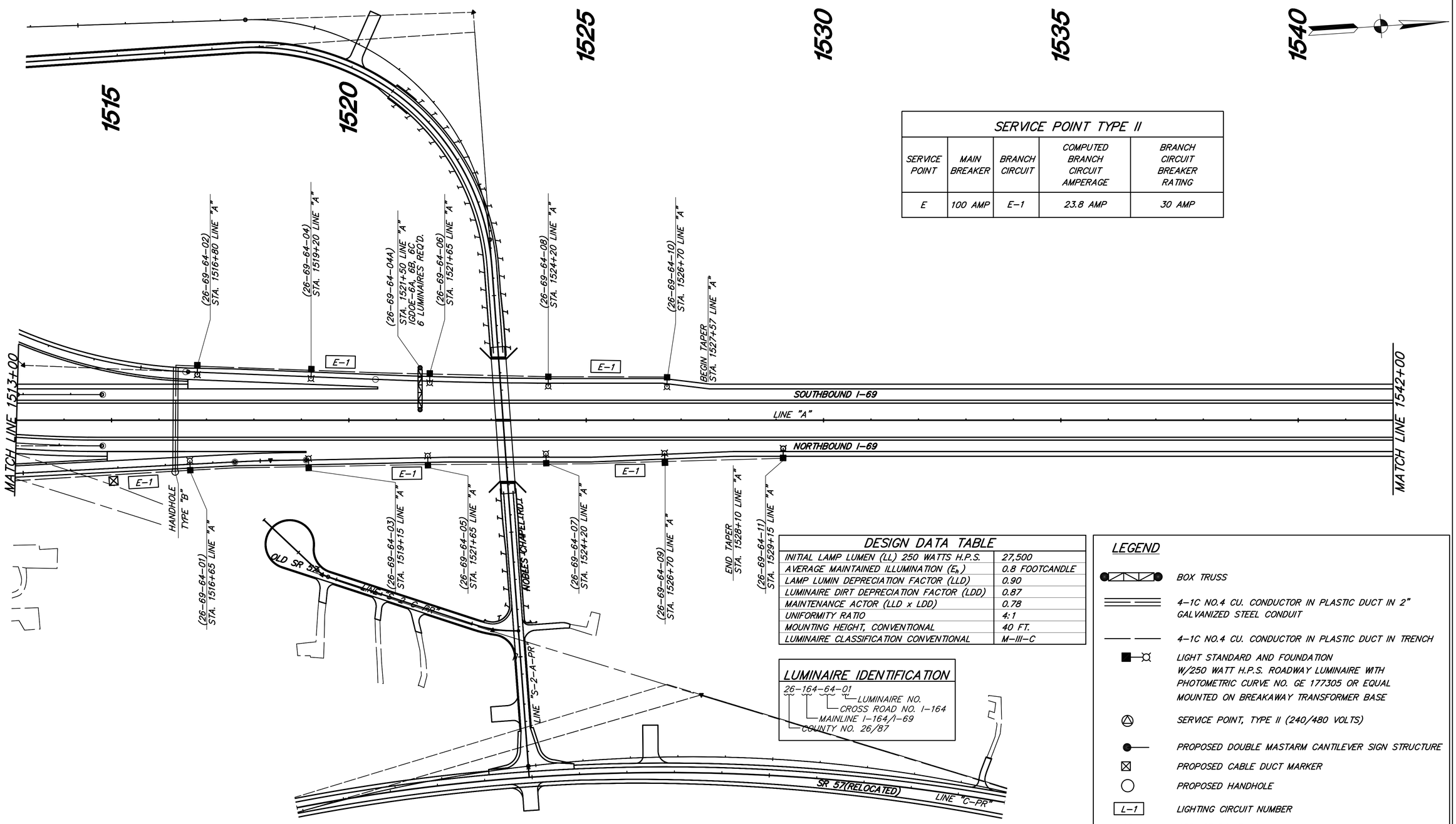
BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL	Bhagwan C Patel	12/5/07
	DESIGN ENGINEER	DATE
DESIGNED: SMD	DRAWN: TEB	
CHECKED: BCP	CHECKED: SMD	

INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS
STA.1484+00 TO STA.1513+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	33 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)



SERVICE POINT TYPE II

SERVICE POINT	MAIN BREAKER	BRANCH CIRCUIT	COMPUTED BRANCH CIRCUIT AMPERAGE	BRANCH CIRCUIT BREAKER RATING
E	100 AMP	E-1	23.8 AMP	30 AMP

DESIGN DATA TABLE

INITIAL LAMP LUMEN (LL) 250 WATTS H.P.S.	27,500
AVERAGE MAINTAINED ILLUMINATION (E_h)	0.8 FOOTCANDLE
LAMP LUMIN DEPRECIATION FACTOR (LLD)	0.90
LUMINAIRE DIRT DEPRECIATION FACTOR (LDD)	0.87
MAINTENANCE ACTOR (LLD x LDD)	0.78
UNIFORMITY RATIO	4:1
MOUNTING HEIGHT, CONVENTIONAL	40 FT.
LUMINAIRE CLASSIFICATION CONVENTIONAL	M-III-C

LUMINAIRE IDENTIFICATION

26-164-64-01
- LUMINAIRE NO.
- CROSS ROAD NO. I-164
- MAINLINE I-164/I-69
- COUNTY NO. 26/87

LEGEND

- BOX TRUSS
- 4-1C NO.4 CU. CONDUCTOR IN PLASTIC DUCT IN 2" GALVANIZED STEEL CONDUIT
- 4-1C NO.4 CU. CONDUCTOR IN PLASTIC DUCT IN TRENCH
- LIGHT STANDARD AND FOUNDATION W/250 WATT H.P.S. ROADWAY LUMINAIRE WITH PHOTOMETRIC CURVE NO. GE 177305 OR EQUAL MOUNTED ON BREAKAWAY TRANSFORMER BASE
- SERVICE POINT, TYPE II (240/480 VOLTS)
- PROPOSED DOUBLE MASTARM CANTILEVER SIGN STRUCTURE
- PROPOSED CABLE DUCT MARKER
- PROPOSED HANDHOLE
- L-1 — LIGHTING CIRCUIT NUMBER
- SP-1 — SERVICE POINT NO. 1

BHAGWAN C. PATEL REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS
STA.1513+00 TO STA.1542+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	34 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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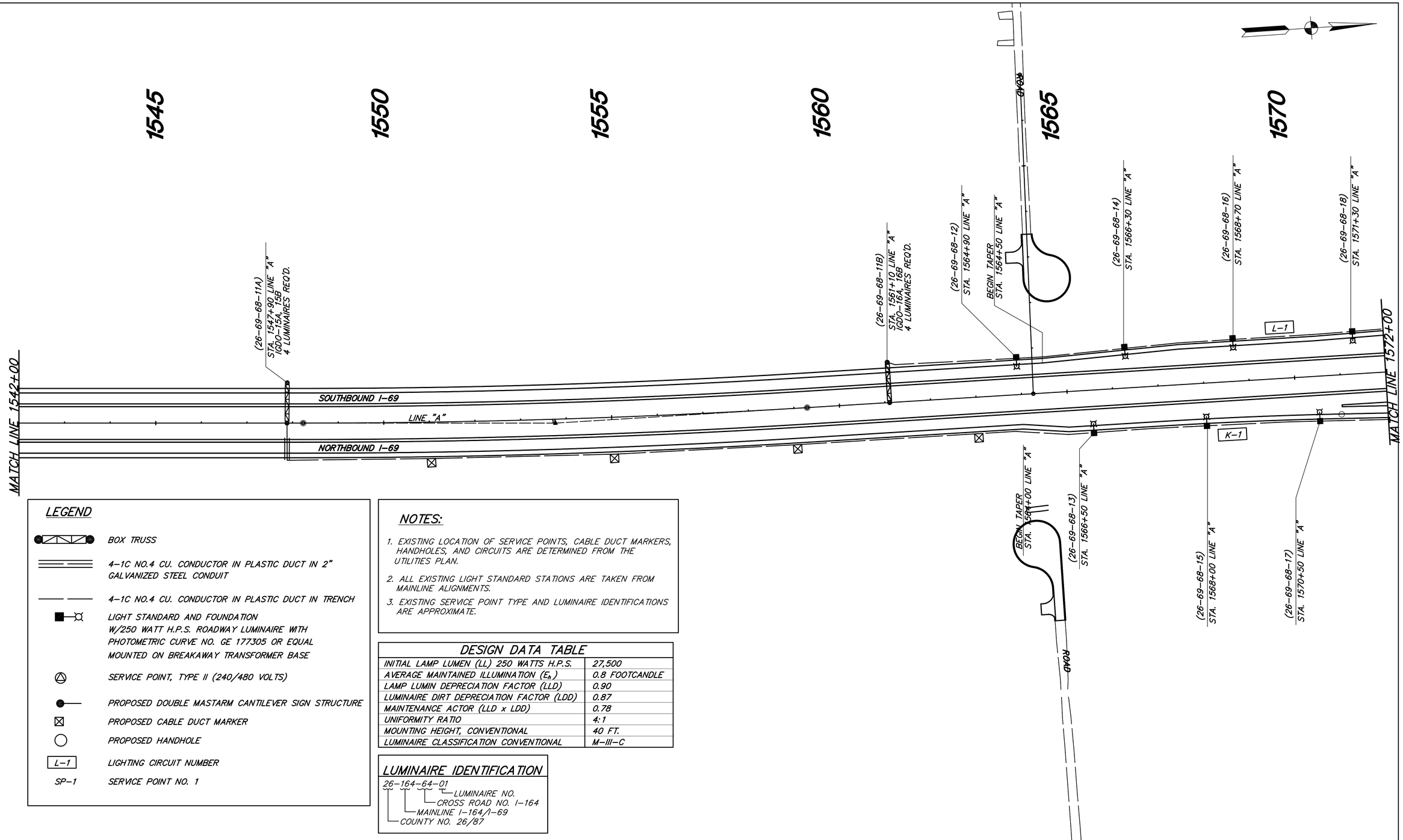

LEGEND

- BOX TRUSS
- 4-1C NO.4 CU. CONDUCTOR IN PLASTIC DUCT IN 2" GALVANIZED STEEL CONDUIT
- 4-1C NO.4 CU. CONDUCTOR IN PLASTIC DUCT IN TRENCH
- LIGHT STANDARD AND FOUNDATION W/250 WATT H.P.S. ROADWAY LUMINAIRE WITH PHOTOMETRIC CURVE NO. GE 177305 OR EQUAL MOUNTED ON BREAKAWAY TRANSFORMER BASE
- SERVICE POINT, TYPE II (240/480 VOLTS)
- PROPOSED DOUBLE MASTARM CANTILEVER SIGN STRUCTURE
- PROPOSED CABLE DUCT MARKER
- PROPOSED HANDHOLE
- L-1 — LIGHTING CIRCUIT NUMBER
- SP-1 — SERVICE POINT NO. 1

NOTES:

1. EXISTING LOCATION OF SERVICE POINTS, CABLE DUCT MARKERS, HANDHOLES, AND CIRCUITS ARE DETERMINED FROM THE UTILITIES PLAN.
2. ALL EXISTING LIGHT STANDARD STATIONS ARE TAKEN FROM MAINLINE ALIGNMENTS.
3. EXISTING SERVICE POINT TYPE AND LUMINAIRE IDENTIFICATIONS ARE APPROXIMATE.

DESIGN DATA TABLE

INITIAL LAMP LUMEN (LL) 250 WATTS H.P.S.	27,500
AVERAGE MAINTAINED ILLUMINATION (E_h)	0.8 FOOTCANDLE
LAMP LUMIN DEPRECIATION FACTOR (LLD)	0.90
LUMINAIRE DIRT DEPRECIATION FACTOR (LDD)	0.87
MAINTENANCE ACTOR (LLD x LDD)	0.78
UNIFORMITY RATIO	4:1
MOUNTING HEIGHT, CONVENTIONAL	40 FT.
LUMINAIRE CLASSIFICATION CONVENTIONAL	M-III-C

LUMINAIRE IDENTIFICATION

26-164-64-01
- LUMINAIRE NO.
- CROSS ROAD NO. I-164
- MAINLINE I-164/I-69
- COUNTY NO. 26/87

BHAGWAN C. PATEL
REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS
STA.1542+00 TO STA.1572+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	35 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

DIRECTORY... F:\2006\06-2374 I-69 Design Build\DESIGN\DRAWINGS\LIGHTING\
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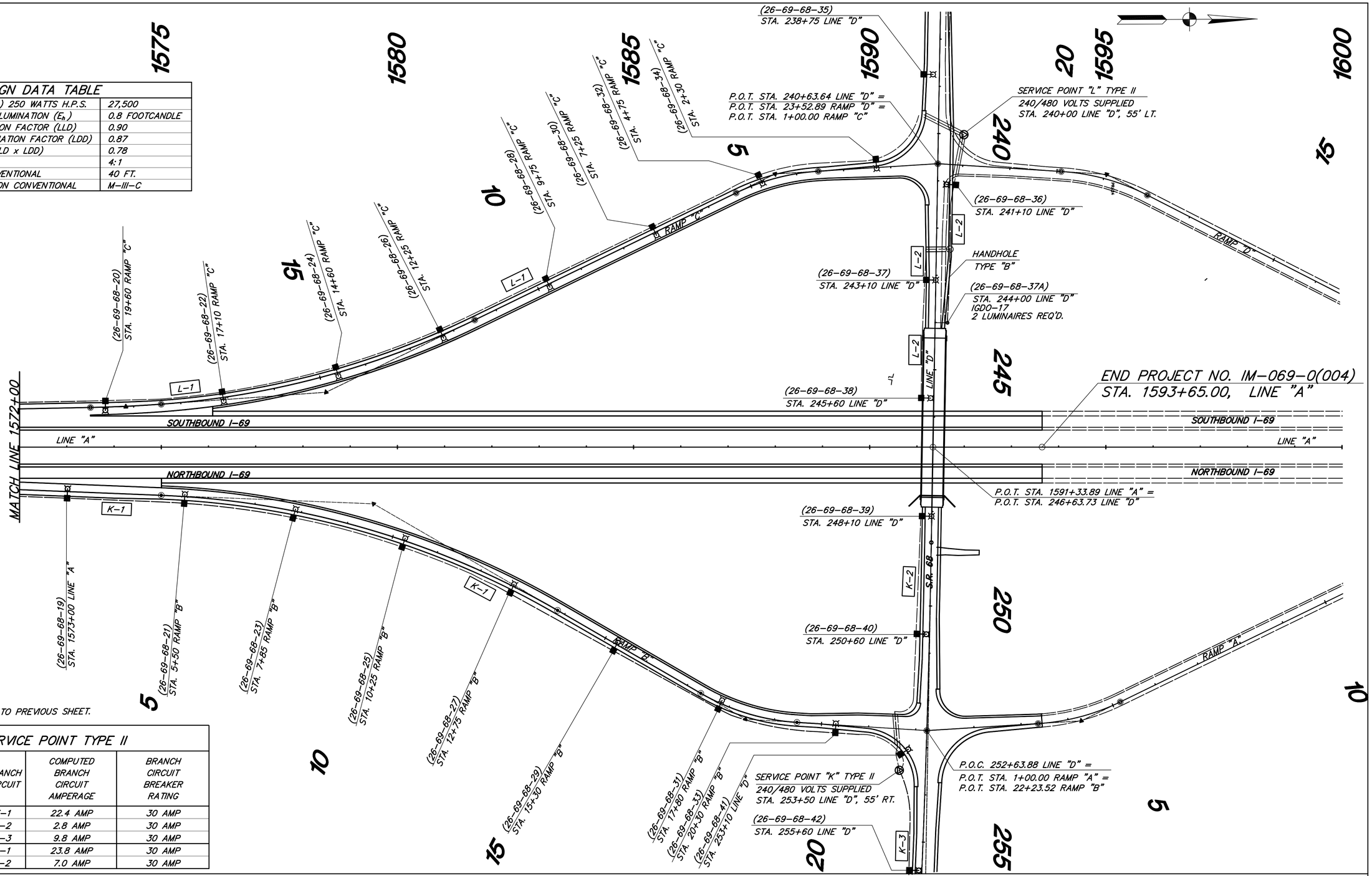
DMGSCALE: 200 LTSCALE: 100
PLOTTED BY: SEchert
DATE... Dec 14,2007 - 11:57am

DESIGN DATA TABLE	
INITIAL LAMP LUMEN (LL) 250 WATTS H.P.S.	27,500
AVERAGE MAINTAINED ILLUMINATION (E_h)	0.8 FOOTCANDLE
LAMP LUMIN DEPRECIATION FACTOR (LLD)	0.90
LUMINAIRE DIRT DEPRECIATION FACTOR (LDD)	0.87
MAINTENANCE ACTOR (LLD x LDD)	0.78
UNIFORMITY RATIO	4:1
MOUNTING HEIGHT, CONVENTIONAL	40 FT.
LUMINAIRE CLASSIFICATION CONVENTIONAL	M-III-C



NOTE:

FOR LEGEND REFER TO PREVIOUS SHEET.

SERVICE POINT TYPE II				
SERVICE POINT	MAIN BREAKER	BRANCH CIRCUIT	COMPUTED BRANCH CIRCUIT AMPERAGE	BRANCH CIRCUIT BREAKER RATING
K	100 AMP	K-1	22.4 AMP	30 AMP
		K-2	2.8 AMP	30 AMP
		K-3	9.8 AMP	30 AMP
L	100 AMP	L-1	23.8 AMP	30 AMP
		L-2	7.0 AMP	30 AMP

BHAGWAN C. PATEL
REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan Patel 12/5/07
DESIGN ENGINEER DATE

DESIGNED: SMD DRAWN: TEB
CHECKED: BCP CHECKED: SMD

INDIANA
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS
STA.1572+00 TO STA.1600+00 "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	36 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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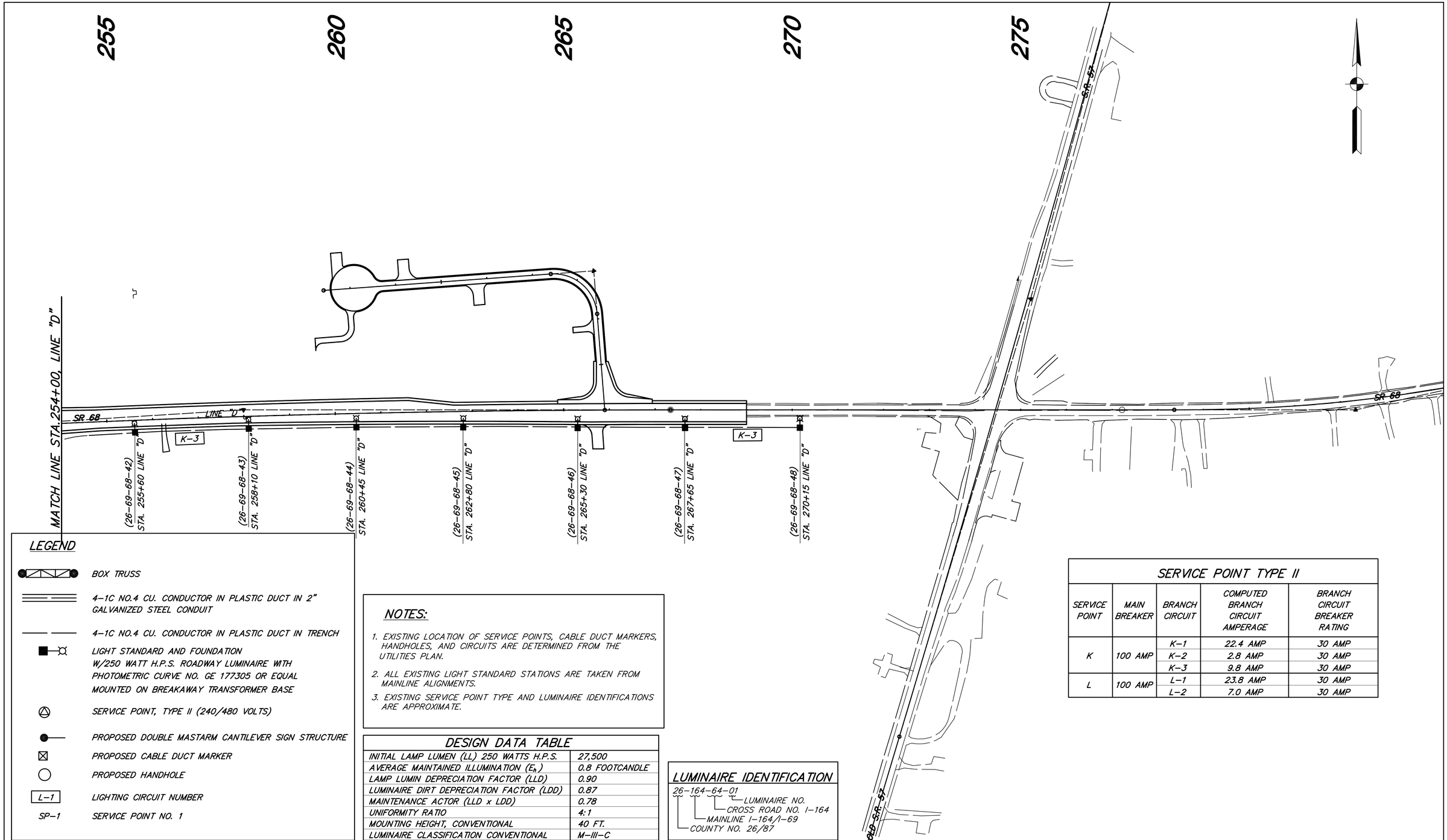

LEGEND

- BOX TRUSS
- 4-1C NO.4 CU. CONDUCTOR IN PLASTIC DUCT IN 2" GALVANIZED STEEL CONDUIT
- 4-1C NO.4 CU. CONDUCTOR IN PLASTIC DUCT IN TRENCH
- LIGHT STANDARD AND FOUNDATION W/250 WATT H.P.S. ROADWAY LUMINAIRE WITH PHOTOMETRIC CURVE NO. GE 177305 OR EQUAL MOUNTED ON BREAKAWAY TRANSFORMER BASE
- SERVICE POINT, TYPE II (240/480 VOLTS)
- PROPOSED DOUBLE MASTARM CANTILEVER SIGN STRUCTURE
- PROPOSED CABLE DUCT MARKER
- PROPOSED HANDHOLE
- L-1 — LIGHTING CIRCUIT NUMBER
- SP-1 — SERVICE POINT NO. 1

NOTES:

1. EXISTING LOCATION OF SERVICE POINTS, CABLE DUCT MARKERS, HANDHOLES, AND CIRCUITS ARE DETERMINED FROM THE UTILITIES PLAN.
2. ALL EXISTING LIGHT STANDARD STATIONS ARE TAKEN FROM MAINLINE ALIGNMENTS.
3. EXISTING SERVICE POINT TYPE AND LUMINAIRE IDENTIFICATIONS ARE APPROXIMATE.

DESIGN DATA TABLE

INITIAL LAMP LUMEN (LL) 250 WATTS H.P.S.	27,500
AVERAGE MAINTAINED ILLUMINATION (E_h)	0.8 FOOTCANDLE
LAMP LUMIN DEPRECIATION FACTOR (LLD)	0.90
LUMINAIRE DIRT DEPRECIATION FACTOR (LDD)	0.87
MAINTENANCE ACTOR (LLD x LDD)	0.78
UNIFORMITY RATIO	4:1
MOUNTING HEIGHT, CONVENTIONAL	40 FT.
LUMINAIRE CLASSIFICATION CONVENTIONAL	M-III-C

LUMINAIRE IDENTIFICATION

26-164-64-01

- 01 — LUMINAIRE NO.
- 64 — CROSS ROAD NO. I-164
- 164 — MAINLINE I-164/I-69
- 26 — COUNTY NO. 26/87

SERVICE POINT TYPE II

SERVICE POINT	MAIN BREAKER	BRANCH CIRCUIT	COMPUTED BRANCH CIRCUIT AMPERAGE	BRANCH CIRCUIT BREAKER RATING
K	100 AMP	K-1	22.4 AMP	30 AMP
		K-2	2.8 AMP	30 AMP
		K-3	9.8 AMP	30 AMP
L	100 AMP	L-1	23.8 AMP	30 AMP
		L-2	7.0 AMP	30 AMP

BHAGWAN C. PATEL — REGISTERED NO. 16003 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 12/5/07 DATE

DESIGNED: SMD | DRAWN: TEB

CHECKED: BCP | CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLANS
STA.254+00 TO STA.285+85 "D"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	37 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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DATE: ...June 14,2007 - 11:59am

LUMINAIRE SCHEDULE FOR I-69

LUMINAIRE NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
CONNECTION TYPE	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	1
CIRCUIT CONNECTION	B	B	R	R	B	R	R	B	B	B	R	R	R	B	B	R	R	B	B	R	R	B	B	R	R	B	B	R	R	B	B	R	R	B	R	R	B	B	R	B	B	R	B	R	B	R	B	R
POLE SET BACK (FT.)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
MAST ARM LENGTH (FT.)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TOP FOUNDATION ELEVATION WITH RESPECT TO EDGE OF PAVEMENT																																																
SET BACK FROM — E.O.P.											✓																						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SET BACK FROM — TAPER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓																															
SET BACK FROM — RAMP																		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																
LUMINAIRE E.M.H. (FT.)	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40

SIGN LUMINAIRE SCHEDULE FOR I-69

LUMINAIRE NO.	4A	11A	11B	37A
SIGN I.D./ UNDERPASS I.D.	IGDOE-6A,6B,6C	IGDO-15A,15B	IGDO-16A,16B	IGDO-17
CONNECTION TYPE	2	1	1	1
CIRCUIT CONNECTION	B	B	B	R
NO. OF ILLUMENAIRES	8	4	4	2

BHAGWAN C. PATEL
REGISTERED
NO. 16003
STATE OF INDIANA
PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL Bhagwan C. Patel — DESIGN ENGINEER — 12/5/07 DATE

DESIGNED: SMD | DRAWN: TEB
CHECKED: BCP | CHECKED: SMD

INDIANA DEPARTMENT OF TRANSPORTATION

LUMINAIRE SCHEDULE

HORIZONTAL SCALE	BRIDGE FILE
NONE	I-69-26-8862 to 8866
VERTICAL SCALE	DESIGNATION NO.
NA	0500436
SURVEY BOOK	SHEETS
"PENDING"	38 of 38
CONTRACT	PROJECT NO.
IR-29023	IM-069-0(004)

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