

R-24550 4 of 8

PROJECT	DESIGNATION
IM-65-1(140) 6	9241965
CONTRACT	
R-24550	

INDIANA  
DEPARTMENT OF  
TRANSPORTATION

# ROAD PLANS

ROUTE: I-65 FROM: RP 6+073 TO: RP 8+014  
 PROJECT NO. IM-65-1(140) 6 P.E.  
 IM-65-1(140) 6 R/W  
 IM-65-1( ) 6 CONST.

TRAFFIC DATA	INTERSTATE 65
AADT, 2003	85,500 V.P.D.
AADT, 2023 PROJECTED	112,700 V.P.D.
D.H.V. 2023 PROJECTED %	9,050 V.P.D.
DIRECTIONAL DISTRIBUTION	50 %
TRUCKS	8% D.H.V.
	34% AADT.
ESAL	88,000,000

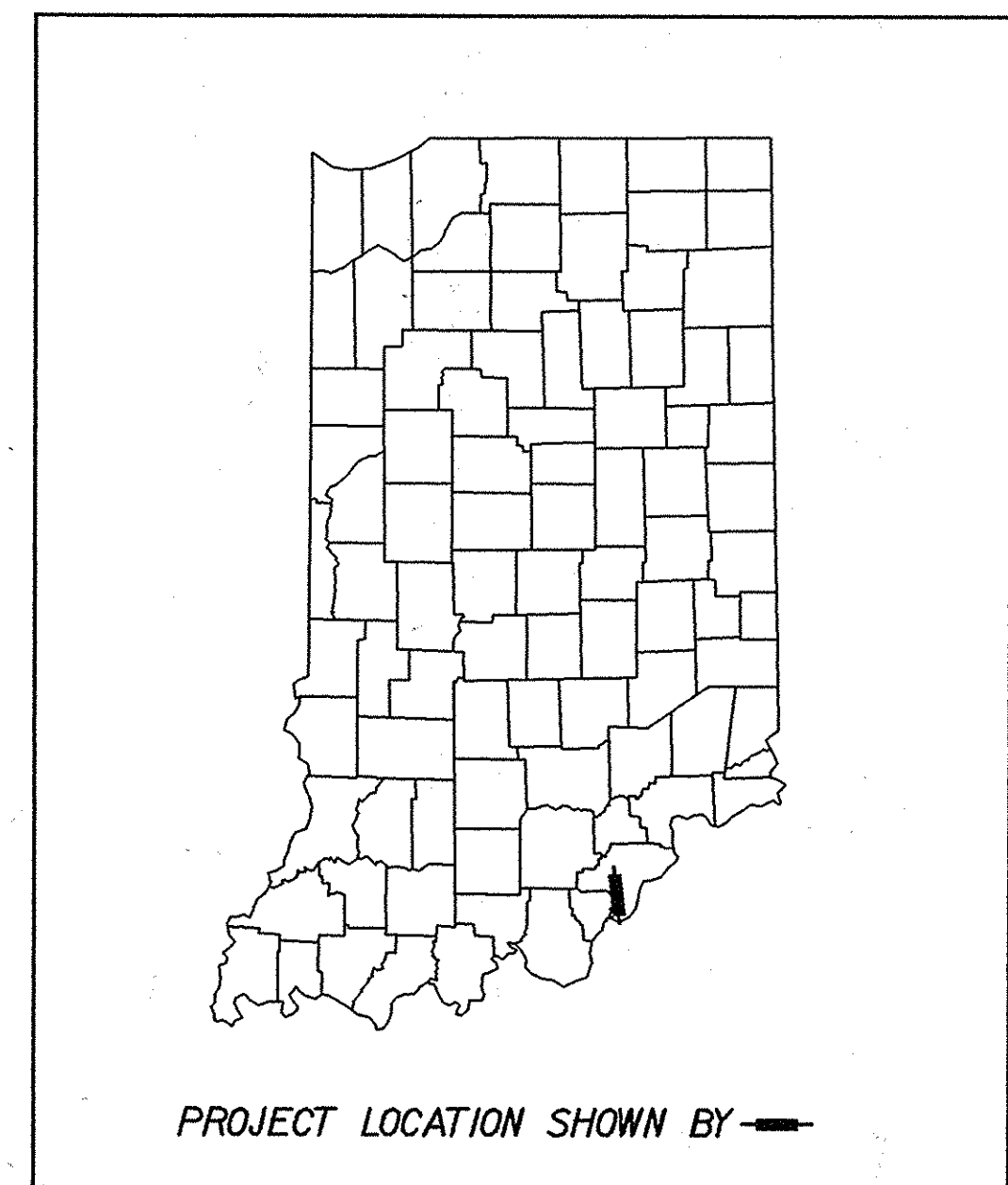
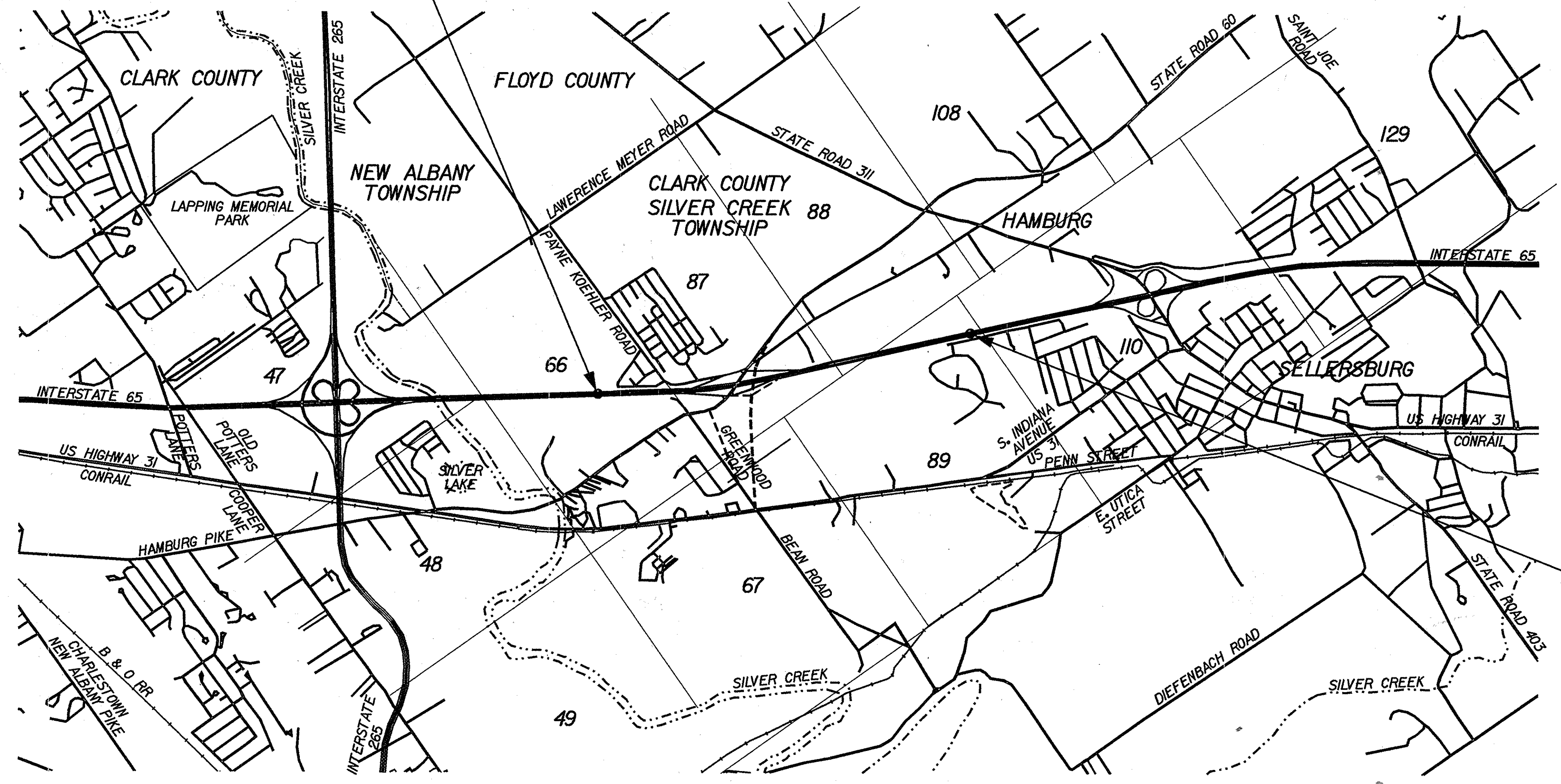
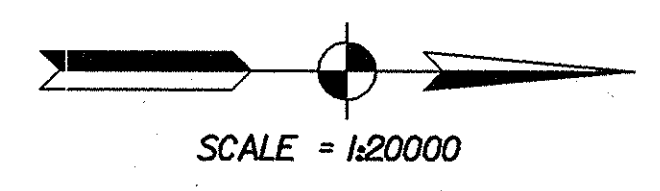
  

DESIGN DATA	
DESIGN SPEED	110 km/HR
CONSTRUCTION ZONE SPEED	70 km/HR
PROJECT DESIGN CRITERIA	COMPLETE RECONSTRUCTION (4R) (FREEWAYS)
FUNCTIONAL CLASSIFICATION	FREEWAY
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	FULL

**BEGIN PROJECT**  
 IM-65-1(140) 6  
 P.O.T. STA. 13+800.000  
 LINE "EE"

BEGINNING IN GRANT 66 APPROXIMATELY 621.4 METERS NORTHWESTERLY AND 1,106.5 METERS NORTHEASTERLY FROM THE SOUTHWEST CORNER OF GRANT 66 EXTENDING IN A NORTHERLY DIRECTION 2,500.0 METERS TO A POINT IN GRANT 89 APPROXIMATELY 845.6 METERS NORTHWESTERLY AND 271.7 METERS NORTHEASTERLY FROM THE SOUTHWEST CORNER OF GRANT 89, ALL IN CLARK COUNTY.

GROSS LENGTH: 2,500 km  
 NET LENGTH: 2,500 km  
 MAXIMUM GRADE: 2.000%



**LEGEND**  
 FOR MAINTENANCE OF TRAFFIC PLANS  
 SEE SHEETS 26 - 67

**END PROJECT**  
 IM-65-1(140) 6  
 P.O.T. STA. 16+300.000  
 LINE "EE"

(INDIANA DEPARTMENT OF TRANSPORTATION  
 STANDARD SPECIFICATIONS DATED 1999  
 TO BE USED WITH THESE PLANS)

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
 The HNTB Companies  
 111 Monument Circle, Indianapolis, Indiana 46204-5178 (317)636-4682  
 HNTB PROJECT NO. 27606-DS-002

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

PLANS PREPARED BY: MARK R. URBAN, P.E. PROJECT MANAGER  
 REGISTERED ENGINEER NO. 19600423  
 STATE OF INDIANA  
 CERTIFIED BY: *Mark R. Urban* 3/22/02  
 MARK R. URBAN, P.E. ASSOCIATE VICE PRESIDENT  
 APPROVED FOR LETTING: *Philip J. Kishen* 4/22/2002  
 CHIEF, DIVISION OF DESIGN

MARK R. URBAN  
 REGISTERED ENGINEER  
 No. 19600423  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER  
 3/22/02

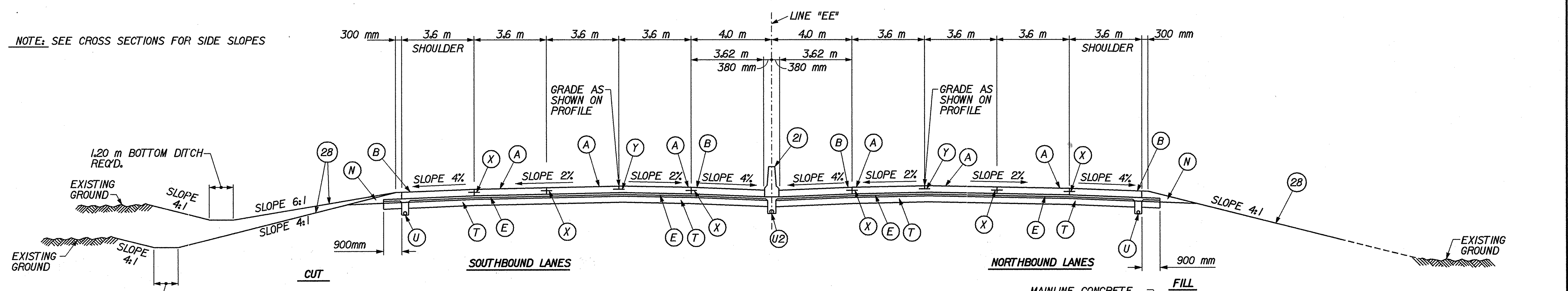
DESIGNATION	9241965
SHEETS	1 of 130
PROJECT	IM-65-1(140) 6

CONTRACT R-24550





NOTE: SEE CROSS SECTIONS FOR SIDE SLOPES

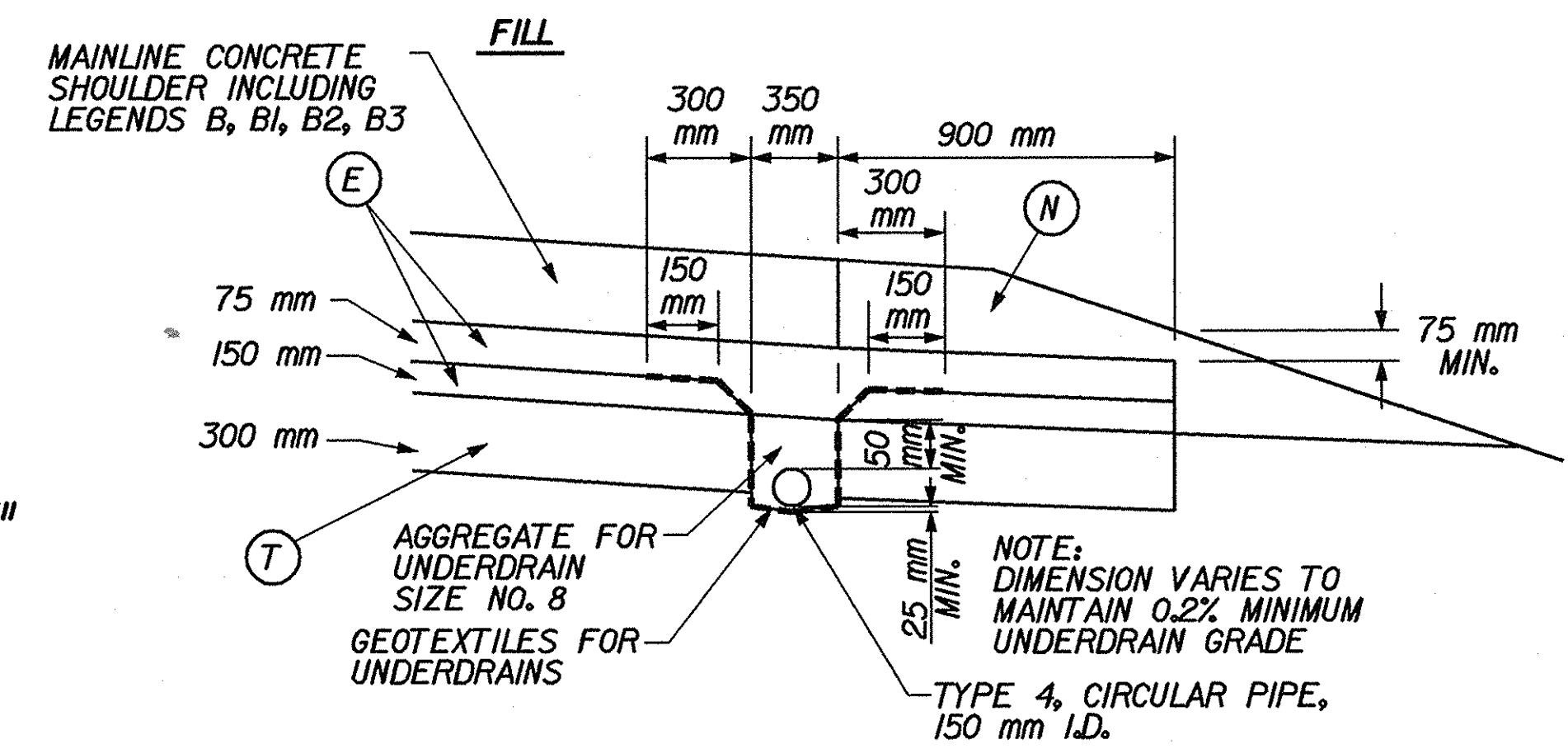


**LEGEND**

- (A) 375 mm QC/QA PCCP W/ 5.5 m "TYPE D-1" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE
- (B) 375 mm QC/QA PCCP FOR SHOULDERS W/ SAWED AND SEALED JOINTS ALIGNED W/ D-1 JOINTS IN (A) W/ MILLED CORRUGATIONS
- (E) SUBBASE FOR PCCP CONSISTS OF:  
75 mm OF CRUSHED COURSE AGGREGATE, NO. 8 ON  
150 mm OF COMPACTED AGGREGATE FOR BASE, 0, SIZE 53
- (N) VARIABLE DEPTH COMPACTED AGGREGATE FOR SHOULDER, TYPE "0", SIZE NO. 53
- (T) 250 mm COMPACTED AGGREGATE BASE, TYPE "0", SIZE NO. 53
- (U) 150 mm I.D. UNDERDRAIN (SEE DETAIL THIS SHEET AND STD. DWG. NO. 718-UNDR-01)
- (U2) 200 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 6 AND STD. DWG. NO. 718-UNDR-01)
- (X) LONGITUDINAL CONSTRUCTION JOINT
- (Y) LONGITUDINAL JOINT
- (2) CONCRETE MEDIAN BARRIER, 1145 mm (SEE DETAIL ON SHEET NO. 22)
- (28) SEED MIXTURE "R"

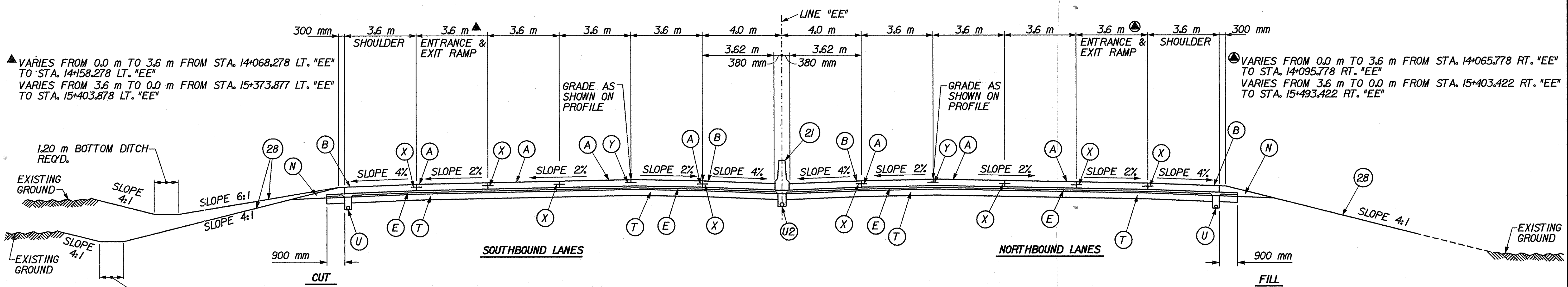
**TYPICAL SECTION I-65 FOR TANGENT**

STA. 13+800.000 LT. "EE" TO STA. 14+068.278 LT. "EE"  
 STA. 13+943.100 RT. "EE" TO STA. 14+065.778 RT. "EE"  
 STA. 14+888.976 LT. "EE" TO STA. 15+191.377 LT. "EE"  
 STA. 14+888.976 RT. "EE" TO STA. 15+187.936 RT. "EE"  
 STA. 15+403.878 LT. "EE" TO STA. 16+300.000 LT. "EE"  
 STA. 15+493.422 RT. "EE" TO STA. 16+300.000 RT. "EE"



**TYPICAL I-65 EDGE UNDERDRAIN DETAIL**

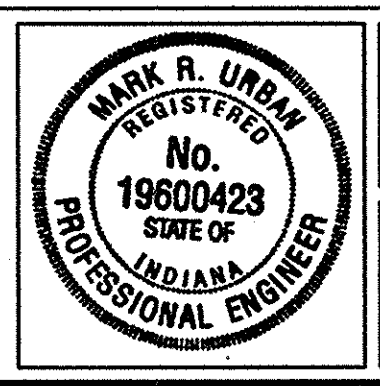
N.T.S.



**TYPICAL SECTION I-65 FOR TANGENT**

STA. 14+068.278 LT. "EE" TO STA. 14+278.278 LT. "EE"  
 STA. 14+065.778 RT. "EE" TO STA. 14+278.278 RT. "EE"  
 STA. 15+191.377 LT. "EE" TO STA. 15+403.878 LT. "EE"  
 STA. 15+187.936 RT. "EE" TO STA. 15+493.422 RT. "EE"

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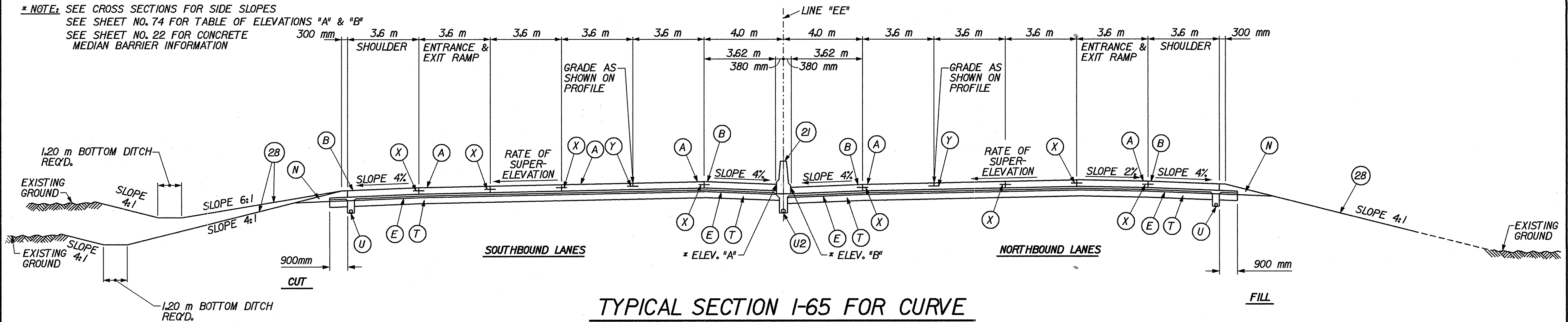


RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE  
 DESIGNED: RJS/JMW DRAWN: CPH  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
**TYPICAL CROSS SECTIONS**

HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	3 of 130
CONTRACT	PROJECT
R-24550	IM-65-1(140) 6

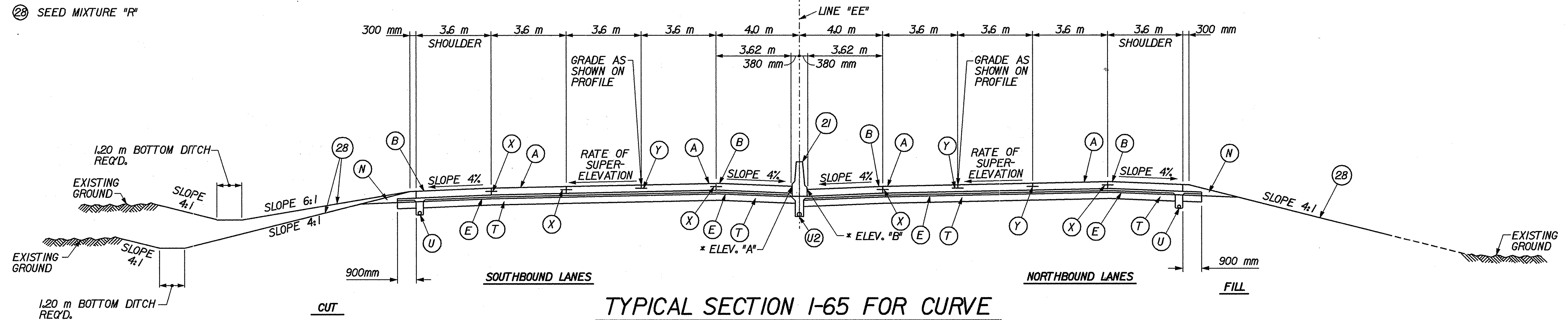
\* NOTE: SEE CROSS SECTIONS FOR SIDE SLOPES  
SEE SHEET NO. 74 FOR TABLE OF ELEVATIONS "A" & "B"  
SEE SHEET NO. 22 FOR CONCRETE  
MEDIAN BARRIER INFORMATION



**TYPICAL SECTION I-65 FOR CURVE**  
STA. 14+278.278 LT. "EE" TO STA. 14+373.278 LT. "EE"

**LEGEND**

- (A) 375 mm QC/QA PCCP W/ 5.5 m "TYPE D-I" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE
- (B) 375 mm QC/QA PCCP FOR SHOULDERS W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A) W/ MILLED CORRUGATIONS
- (E) SUBBASE FOR PCCP CONSISTS OF:  
75 mm OF CRUSHED COURSE AGGREGATE, NO. 8 ON  
150 mm OF COMPACTED AGGREGATE FOR BASE, 0, SIZE NO. 53
- (N) VARIABLE DEPTH COMPACTED AGGREGATE FOR SHOULDER, TYPE "0", SIZE NO. 53
- (T) 250 mm COMPACTED AGGREGATE BASE, TYPE "0", SIZE NO. 53
- (U) 150 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 3 AND STD. DWG. NO. 718-UNDR-01)
- (U2) 200 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 6 AND STD. DWG. NO. 718-UNDR-01)
- (X) LONGITUDINAL CONSTRUCTION JOINT
- (Y) LONGITUDINAL JOINT
- (2) CONCRETE MEDIAN BARRIER, 1145 mm (SEE DETAIL ON SHEET NO. 22)
- (28) SEED MIXTURE "R"



**TYPICAL SECTION I-65 FOR CURVE**  
STA. 14+373.278 LT. "EE" TO STA. 14+888.976 LT. "EE"  
STA. 14+278.278 RT. "EE" TO STA. 14+888.976 RT. "EE"

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RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: RJS/JMW DRAWN: CPH  
CHECKED: MRU CHECKED: MRU

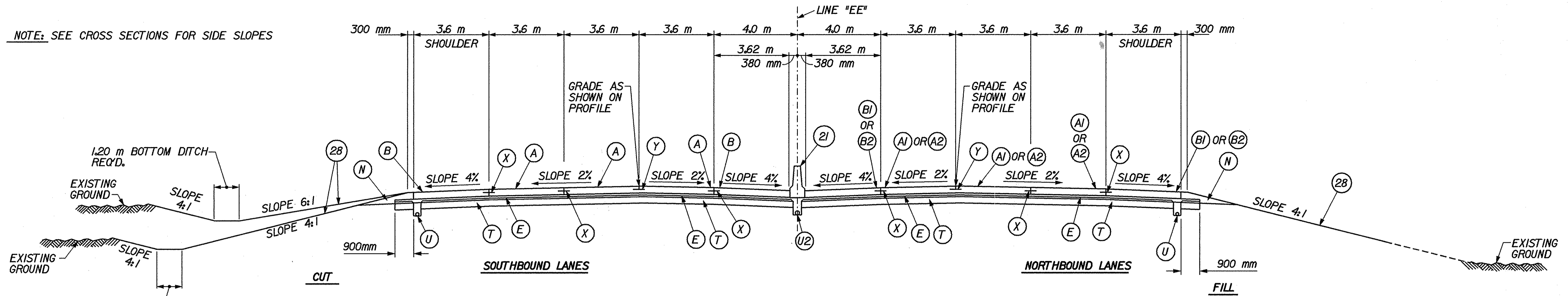
INDIANA  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 4 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



NOTE: SEE CROSS SECTIONS FOR SIDE SLOPES



1.20 m BOTTOM DITCH REQ'D.

**LEGEND**

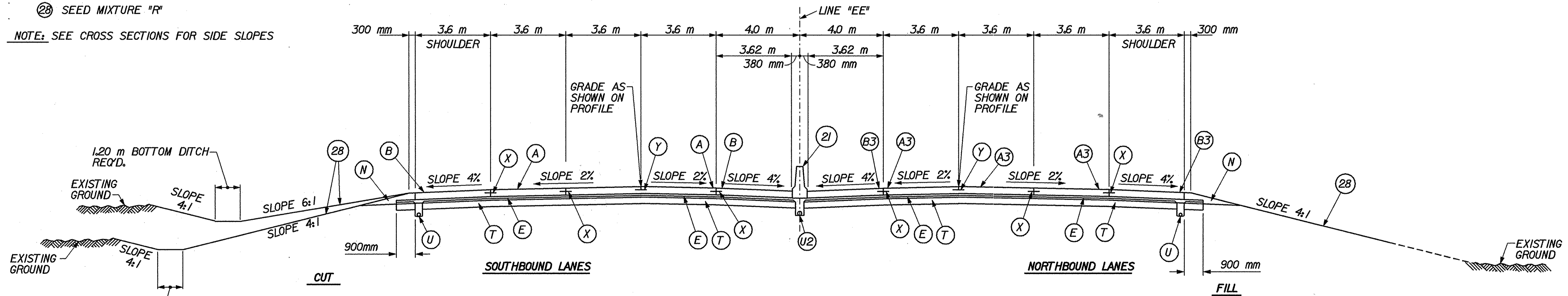
- (A1) 375 mm QC/QA PCCP, MODIFIED W/ 4.6 m "TYPE D-I" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE
- (A2) 375 mm QC/QA PCCP, MODIFIED W/ 5.5 m "TYPE D-I" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE
- (A3) 350 mm QC/QA PCCP, MODIFIED W/ 5.5 m "TYPE D-I" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE
- (B1) 375 mm QC/QA PCCP, MODIFIED W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A1) W/ MILLED CORRUGATIONS
- (B2) 375 mm QC/QA PCCP, MODIFIED FOR SHOULDERS W/ SAWED AND SEALED JOINTS ALIGNED W/ D-I JOINTS IN (A2) W/ MILLED CORRUGATIONS
- (B3) 350 mm QC/QA PCCP, MODIFIED W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A3) W/ MILLED CORRUGATIONS
- (E) SUBBASE FOR PCCP CONSISTS OF:  
75 mm OF CRUSHED COURSE AGGREGATE, NO. 8 ON  
150 mm OF COMPACTED AGGREGATE FOR BASE, 0, SIZE 53
- (N) VARIABLE DEPTH COMPACTED AGGREGATE FOR SHOULDER, TYPE "0", SIZE NO. 53
- (T) 250 mm COMPACTED AGGREGATE BASE, TYPE "0", SIZE NO. 53
- (U) 150 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 3 AND STD. DWG. NO. 718-UNDR-01)
- (U2) 200 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 6 AND STD. DWG. NO. 718-UNDR-01)
- (X) LONGITUDINAL CONSTRUCTION JOINT
- (Y) LONGITUDINAL JOINT
- (28) CONCRETE MEDIAN BARRIER, 1145 mm (SEE DETAIL ON SHEET NO. 22)
- (28) SEED MIXTURE "R"

**TYPICAL SECTION I-65 FOR CONCRETE CURING TEST SECTION TANGENT**

STA. 13+800.000 RT. "EE" TO STA. 13+816.500 RT. "EE" (A2)  
 STA. 13+816.500 RT. "EE" TO STA. 13+844.100 RT. "EE" (A1)  
 STA. 13+844.100 RT. "EE" TO STA. 13+910.100 RT. "EE" (A2)

SEE SHEET 25 FOR ADDITIONAL DETAILS

NOTE: SEE CROSS SECTIONS FOR SIDE SLOPES



1.20 m BOTTOM DITCH REQ'D.

**TYPICAL SECTION I-65 FOR CONCRETE CURING TEST SECTION TANGENT**

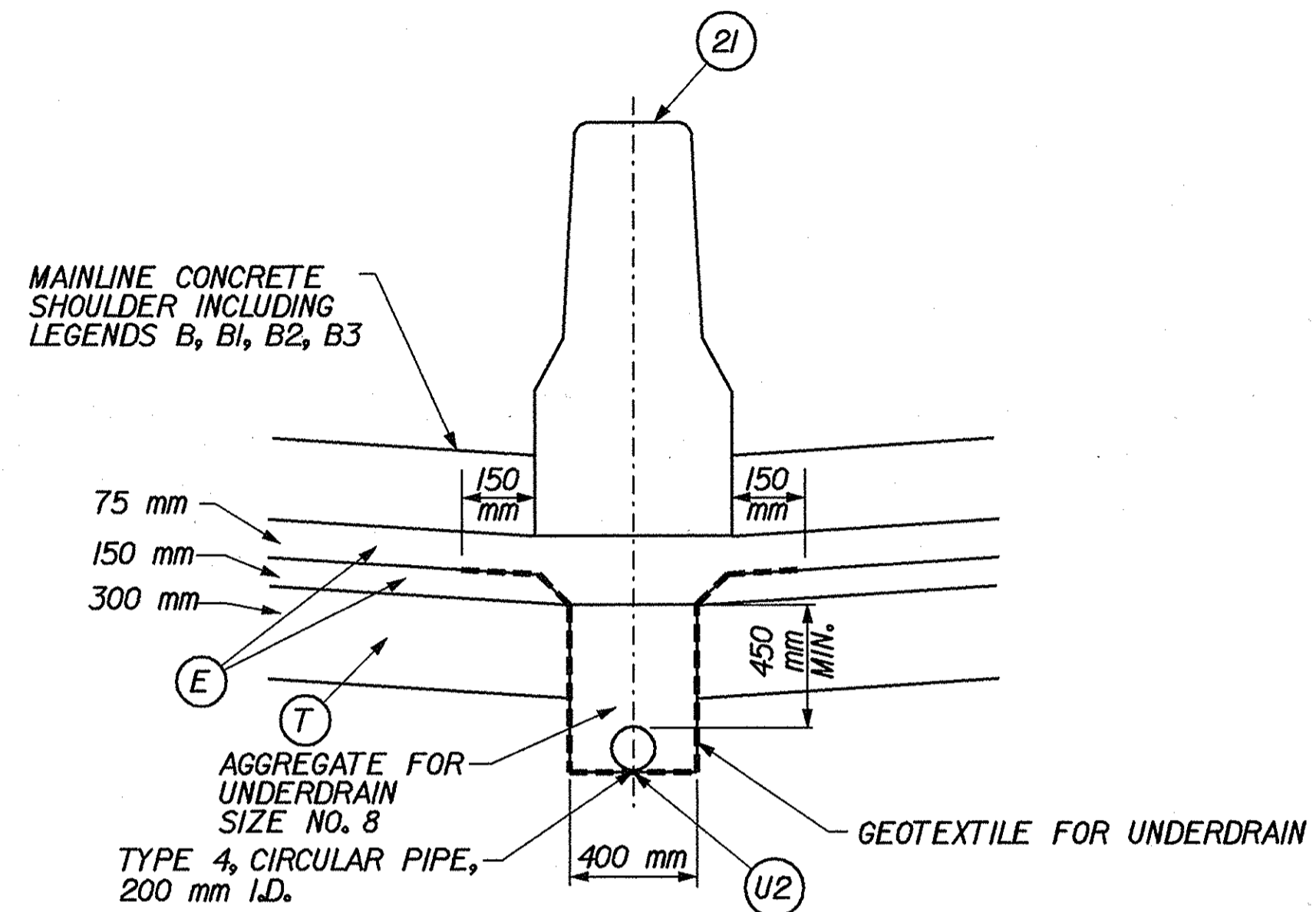
STA. 13+910.100 RT. "EE" TO STA. 13+943.100 RT. "EE"  
 SEE SHEET 25 FOR ADDITIONAL DETAILS



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE  
 DESIGNED: RJS/JMW DRAWN: CPH  
 CHECKED: MRU CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION  
**TYPICAL CROSS SECTIONS**

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924965
SURVEY BOOK	SHEETS 5 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

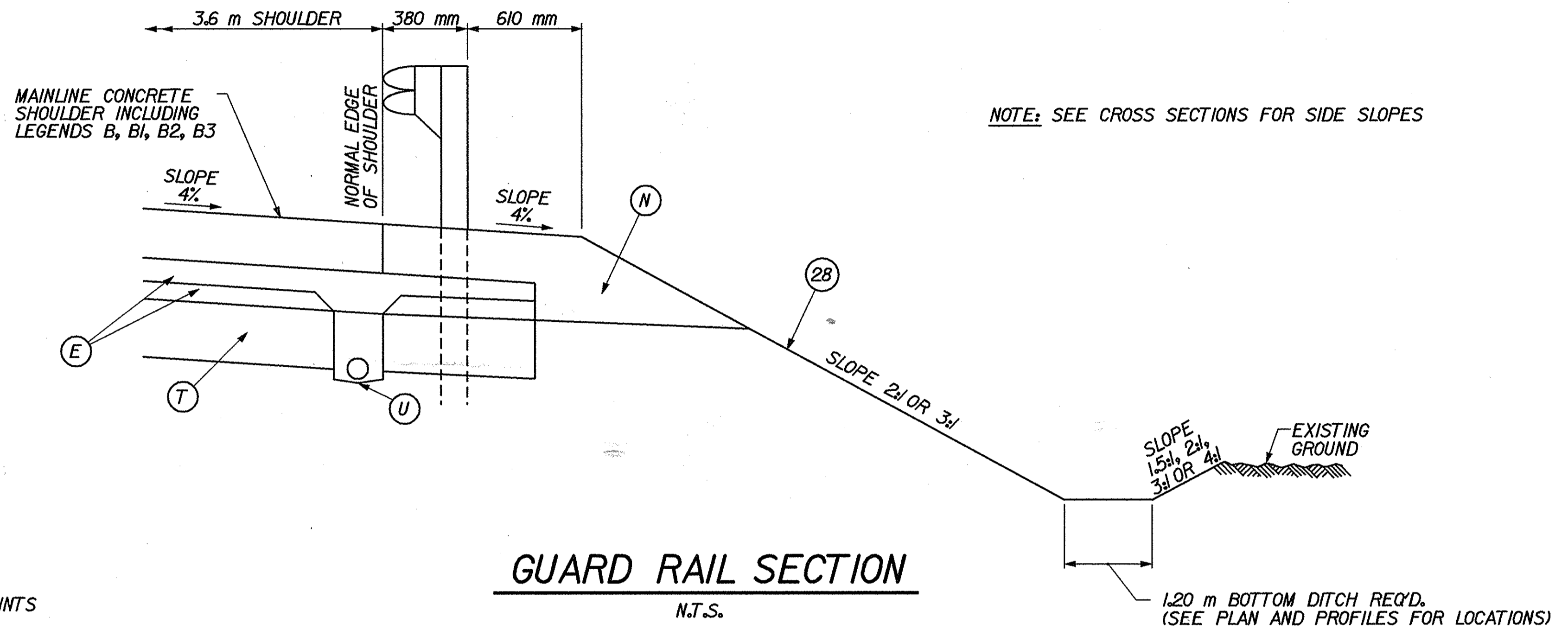


**MEDIAN UNDERDRAIN DETAIL**

N.T.S.

**LEGEND**

- (B) 375 mm QC/QA PCCP FOR SHOULDERS W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A) W/ MILLED CORRUGATIONS
- (B1) 375 mm QC/QA PCCP, MODIFIED W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A1) W/ MILLED CORRUGATIONS
- (B2) 375 mm QC/QA PCCP, MODIFIED FOR SHOULDERS W/ SAWED AND SEALED JOINTS ALIGNED W/ D-I JOINTS IN (A2) W/ MILLED CORRUGATIONS
- (B3) 350 mm QC/QA PCCP, MODIFIED W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A3) W/ MILLED CORRUGATIONS
- (E) SUBBASE FOR PCCP CONSISTS OF:  
75 mm OF CRUSHED COURSE AGGREGATE, NO. 8 ON  
150 mm OF COMPACTED AGGREGATE FOR BASE, 0, SIZE 53
- (N) VARIABLE DEPTH COMPACTED AGGREGATE FOR SHOULDER, TYPE "0", SIZE NO. 53
- (T) 250 mm COMPACTED AGGREGATE BASE, TYPE "0", SIZE NO. 53
- (U) 150 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 3 AND STD. DWG. NO. 718-UNDR-01)
- (U2) 200 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 6 AND STD. DWG. NO. 718-UNDR-01)
- (21) CONCRETE MEDIAN BARRIER, 1145 mm (SEE DETAIL ON SHEET NO. 22)
- (28) SEED MIXTURE "R"



**GUARD RAIL SECTION**

N.T.S.

- STA. 13+800.000 RT. "EE" TO STA. 14+230.000 RT. "EE"
- STA. 14+015.810 LT. "EE" TO STA. 14+261.555 LT. "EE"
- STA. 14+400.000 RT. "EE" TO STA. 14+462.865 RT. "EE"
- STA. 14+466.000 LT. "EE" TO STA. 14+946.060 LT. "EE"
- STA. 14+710.000 RT. "EE" TO STA. 14+818.585 RT. "EE"
- STA. 15+084.874 LT. "EE" TO STA. 16+300.000 LT. "EE"
- STA. 15+403.422 RT. "EE" TO STA. 16+314.012 RT. "EE"
- STA. 25+663.000 RT. RAMP D TO STA. 25+710.000 RT. RAMP D
- STA. 33+840.000 RT. RAMP C TO STA. 34+055.000 RT. RAMP C
- STA. 33+840.000 LT. RAMP C TO STA. 33+855.240 LT. RAMP C
- STA. 44+230.000 RT. RAMP B TO STA. 44+390.000 RT. RAMP B

NOTE: SEE CROSS SECTIONS FOR SIDE SLOPES

1.20 m BOTTOM DITCH REQ'D.  
(SEE PLAN AND PROFILES FOR LOCATIONS)

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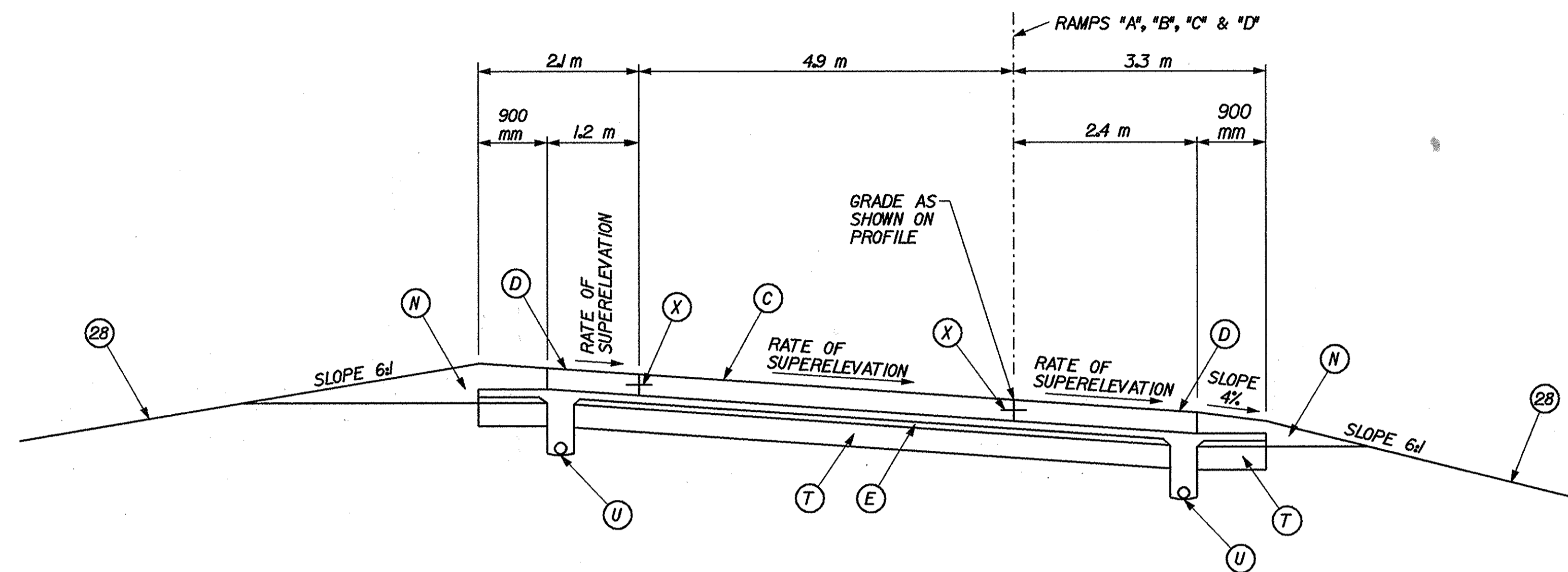
RECOMMENDED FOR APPROVAL	<i>Mark R. Urban</i>	3/22/02
DESIGNED:	RJS/JMW	DRAWN: CPH
CHECKED:	MRU	CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	6 of 130
CONTRACT	PROJECT
R-24550	IM-65-1 (140) 6





**TYPICAL SECTION I-65 FOR ENTRANCE AND EXIT RAMPS AT S.R. 60\***

STA. 55+070.000 RAMP "A" TO STA. 55+097.280 RAMP "A"  
 STA. 44+365.799 RAMP "B" TO STA. 44+390.000 RAMP "B"  
 STA. 33+840.000 RAMP "C" TO STA. 33+868.888 RAMP "C"  
 STA. 25+676.264 RAMP "D" TO STA. 25+710.000 RAMP "D"

\* REMAINDER OF EACH RAMP TO BE CONSTRUCTED BY OTHERS

**LEGEND**

- (C) 300 mm QC/QA PCCP W/ 5.5 m "TYPE D-I" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE
- (D) 300 mm QC/QA PCCP W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (C) W/ MILLED CORRUGATIONS
- (E) SUBBASE FOR CEMENT CONCRETE PAVEMENT CONSISTING OF: 75 mm OF CRUSHED COURSE AGGREGATE, NO. 8 ON 150 mm OF COMPACTED AGGREGATE BASE, TYPE "0", SIZE NO. 53
- (N) VARIABLE DEPTH COMPACTED AGGREGATE FOR SHOULDER, TYPE "0", SIZE NO. 53
- (T) 250 mm COMPACTED AGGREGATE BASE, TYPE "0", SIZE NO. 53
- (U) 150 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 3 AND STD. DWG. NO. 718-UNDR-01)
- (X) LONGITUDINAL CONSTRUCTION JOINT
- (28) SEED MIXTURE "R"



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: RJS/JMW DRAWN: CPH  
 CHECKED: MRU CHECKED: MRU

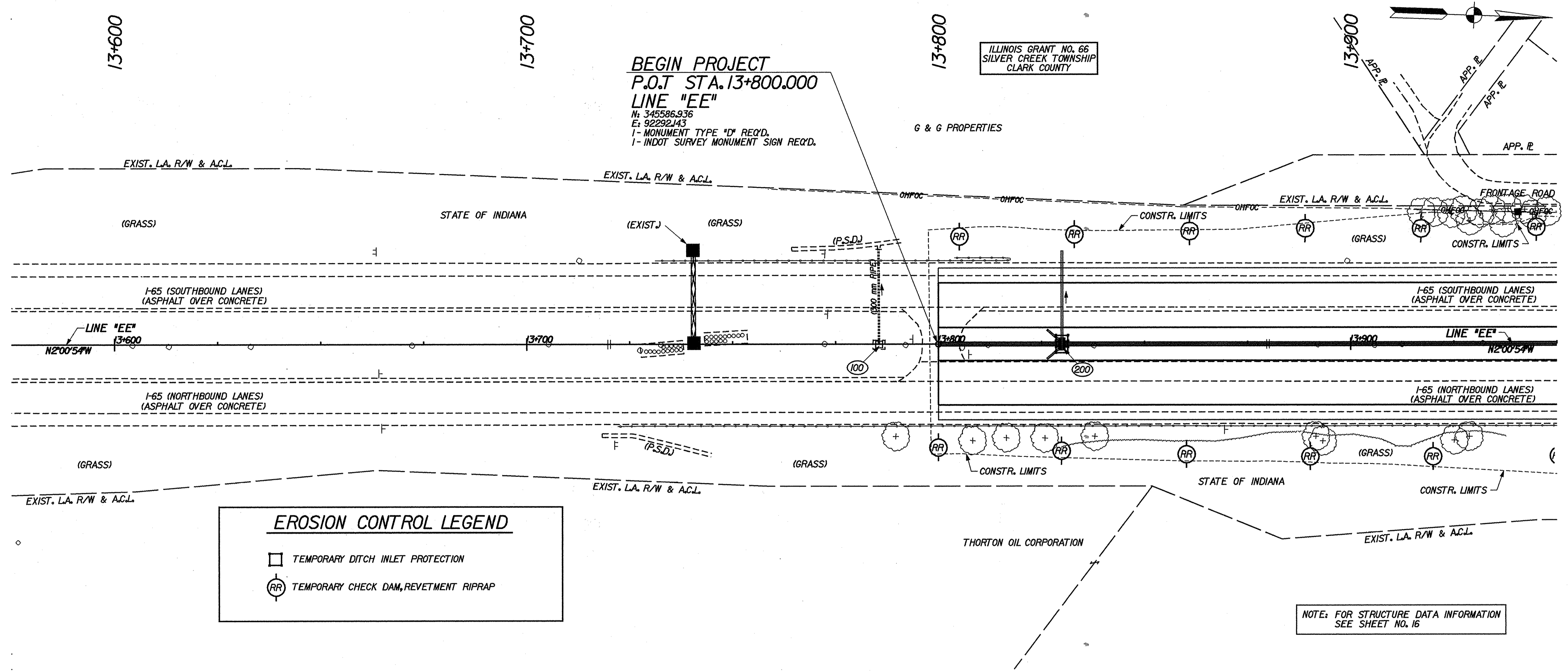
INDIANA  
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE 1:50	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924/965
SURVEY BOOK	SHEETS 7 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

ILLINOIS GRANT NO. 66  
SILVER CREEK TOWNSHIP  
CLARK COUNTY

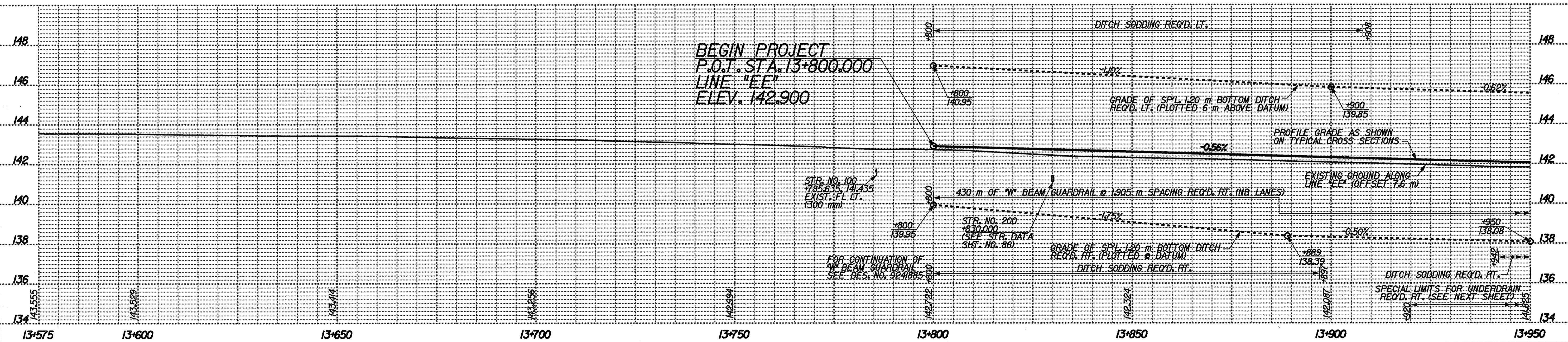
**BEGIN PROJECT**  
P.O.T. STA. 13+800.000  
**LINE "EE"**  
N: 345586.936  
E: 92292.143  
1- MONUMENT TYPE "D" REQ'D.  
1- INDOT SURVEY MONUMENT SIGN REQ'D.



**EROSION CONTROL LEGEND**

- TEMPORARY DITCH INLET PROTECTION
- ⊙ TEMPORARY CHECK DAM, REVETMENT RIPRAP

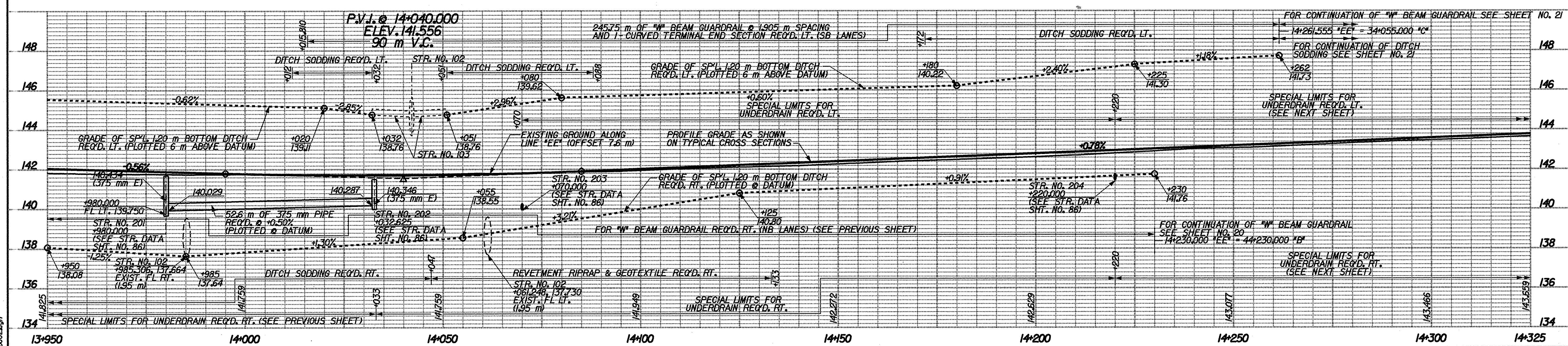
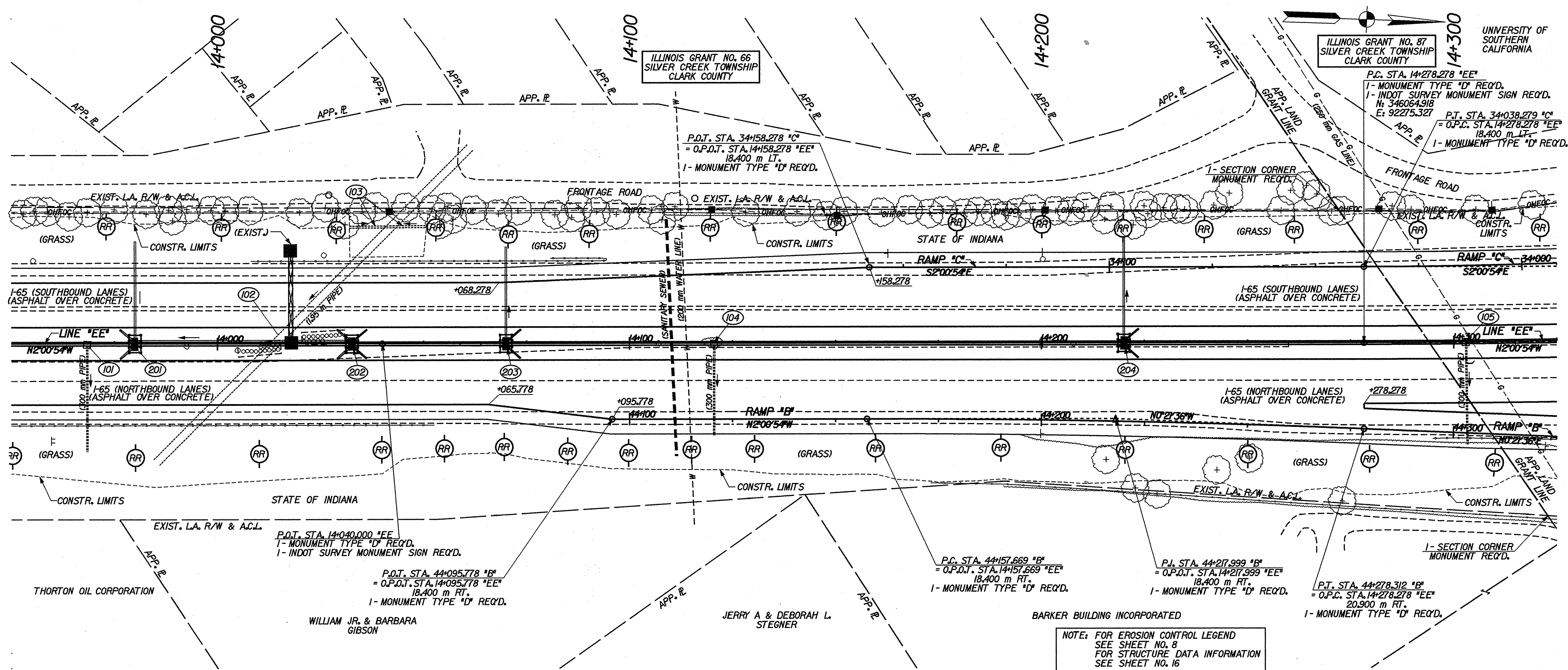
NOTE: FOR STRUCTURE DATA INFORMATION  
SEE SHEET NO. 16



**BEGIN PROJECT**  
P.O.T. STA. 13+800.000  
**LINE "EE"**  
ELEV. 142.900

<p>13554 02-APR-2002 T:\TRANSP\27606\13554\13554.dwg</p>	<p>SURVEY POINTS LOCATED USING INDIANA EAST STATE PLANE COORDINATE VALUES.</p>		<p>RECOMMENDED FOR APPROVAL <i>Mark R. Ulsam</i> 3/22/02 DESIGN ENGINEER DATE</p>	<p>INDIANA DEPARTMENT OF TRANSPORTATION</p> <p><b>PLAN AND PROFILE</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE 1:500</td> <td>BRIDGE FILE</td> </tr> <tr> <td>VERTICAL SCALE 1:100</td> <td>DESIGNATION 924/965</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS 8 of 130</td> </tr> <tr> <td>CONTRACT R-24550</td> <td>PROJECT IM-65-1(140) 6</td> </tr> </table>	HORIZONTAL SCALE 1:500	BRIDGE FILE	VERTICAL SCALE 1:100	DESIGNATION 924/965	SURVEY BOOK	SHEETS 8 of 130	CONTRACT R-24550	PROJECT IM-65-1(140) 6
HORIZONTAL SCALE 1:500	BRIDGE FILE												
VERTICAL SCALE 1:100	DESIGNATION 924/965												
SURVEY BOOK	SHEETS 8 of 130												
CONTRACT R-24550	PROJECT IM-65-1(140) 6												





	RECOMMENDED FOR APPROVAL	<i>Mark R. Urban</i> 3/22/02 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION  PLAN AND PROFILE	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: RJS/JMM	DRAWN: CPH		1:500	DESIGNATION
CHECKED: MRU	CHECKED: MRU		SURVEY BOOK	SHEETS	
			CONTRACT R-24550	9 of 130	PROJECT IM-65-1(140) 6

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NOTE: FOR EROSION CONTROL LEGEND SEE SHEET NO. 8  
FOR STRUCTURE DATA INFORMATION SEE SHEET NO. 16

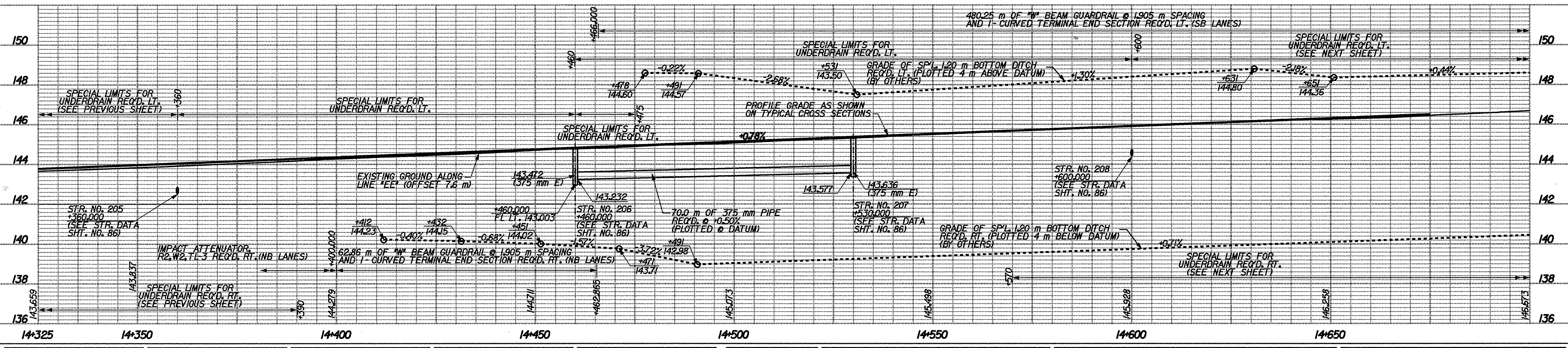
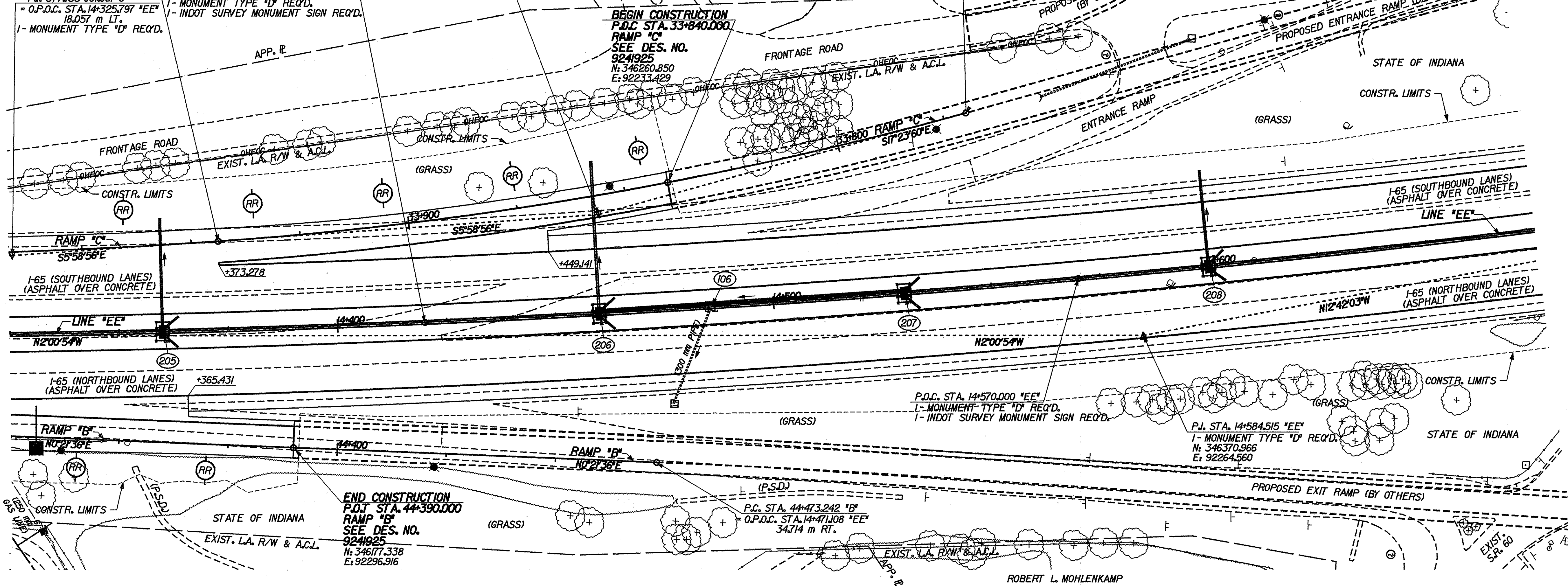
P.C.C. STA. 33+943.805 "C"  
= O.P.D.C. STA. 14+373.278 "EE"  
20.300 m LT.  
1- MONUMENT TYPE "D" REQ'D.

P.C.C. STA. 14+420.000 "EE"  
1- MONUMENT TYPE "D" REQ'D.  
1- INDOT SURVEY MONUMENT SIGN REQ'D.

P.J. STA. 33+857.092 "C"  
= O.P.D.C. STA. 14+461.117 "EE"  
22.641 m LT.  
1- MONUMENT TYPE "D" REQ'D.

UNIVERSITY OF SOUTHERN CALIFORNIA  
CURVE DATA  
P.J. STA. 14+584.515 "EE"  
 $\Delta = 10^{\circ}41'09"$  LT.  
R = 3274.454 m  
T = 306.237 m  
L = 610.698 m  
E = 14.289 m  
SE = R.C.

P.C. STA. 33+769.801 "C"  
= O.P.D.C. STA. 14+547.504 "EE"  
39.941 m LT.



02-APP-2002 1418 T:\TRANSP\27606\13\del\va3pp03.dgn

DESIGNED: RJS/JMW	DRAWN: CPH
CHECKED: MRU	CHECKED: MRU

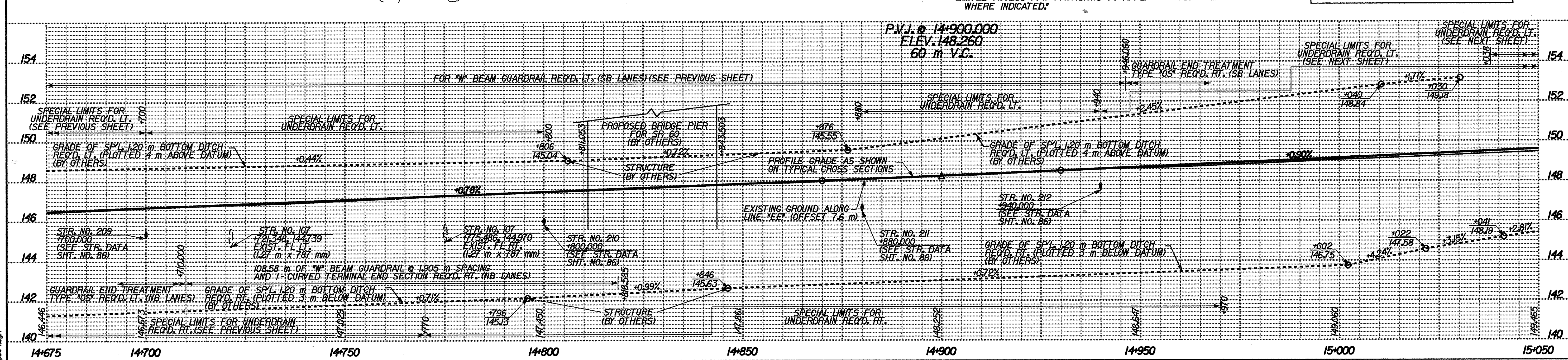
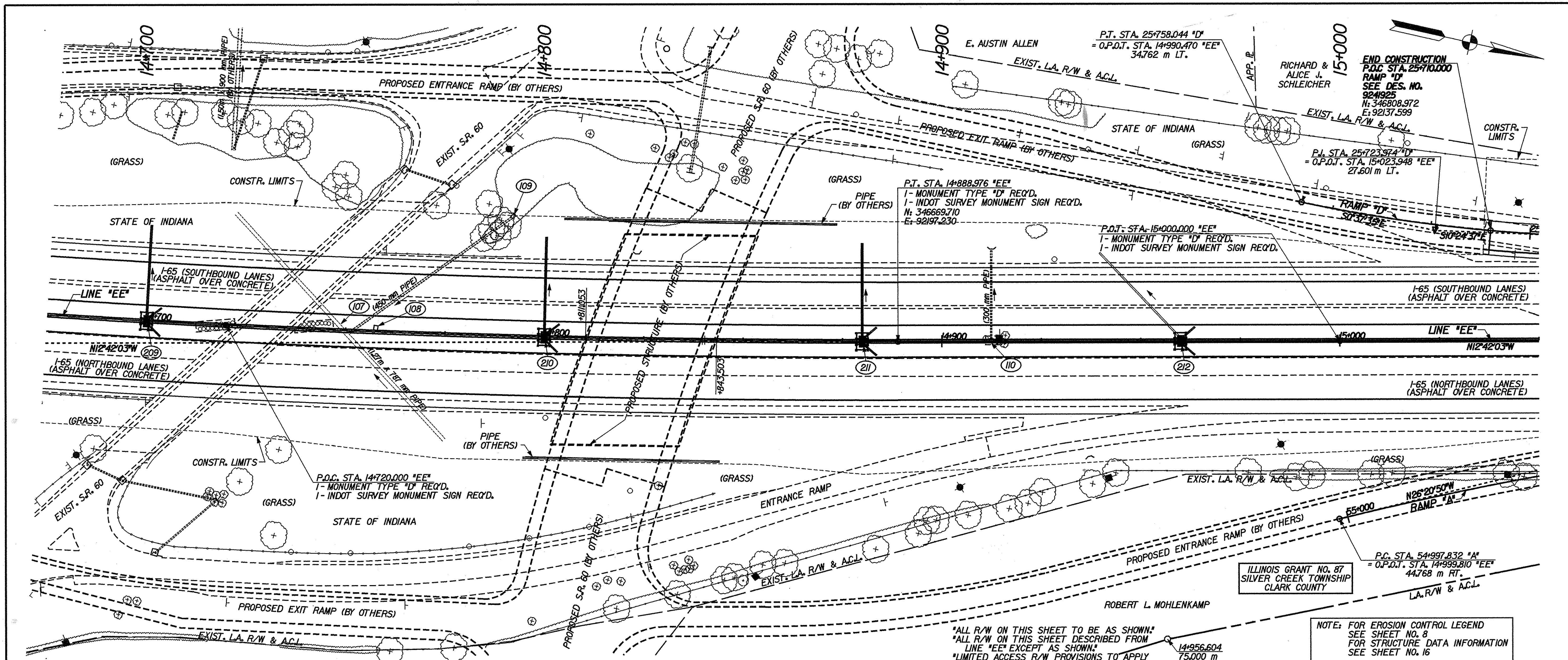


RECOMMENDED FOR APPROVAL  
*Mark R. Urban* 3/26/02  
DESIGN ENGINEER DATE

INDIANA  
DEPARTMENT OF TRANSPORTATION  
PLAN AND PROFILE

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9241965
SURVEY BOOK	SHEETS 10 of 130
CONTRACT R-24550	PROJECT IM-65-1(14)16

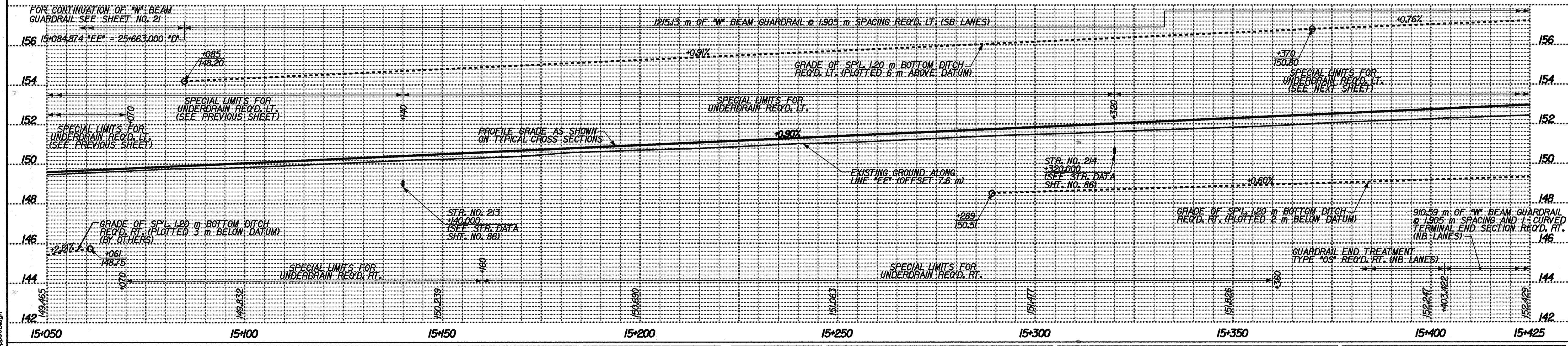
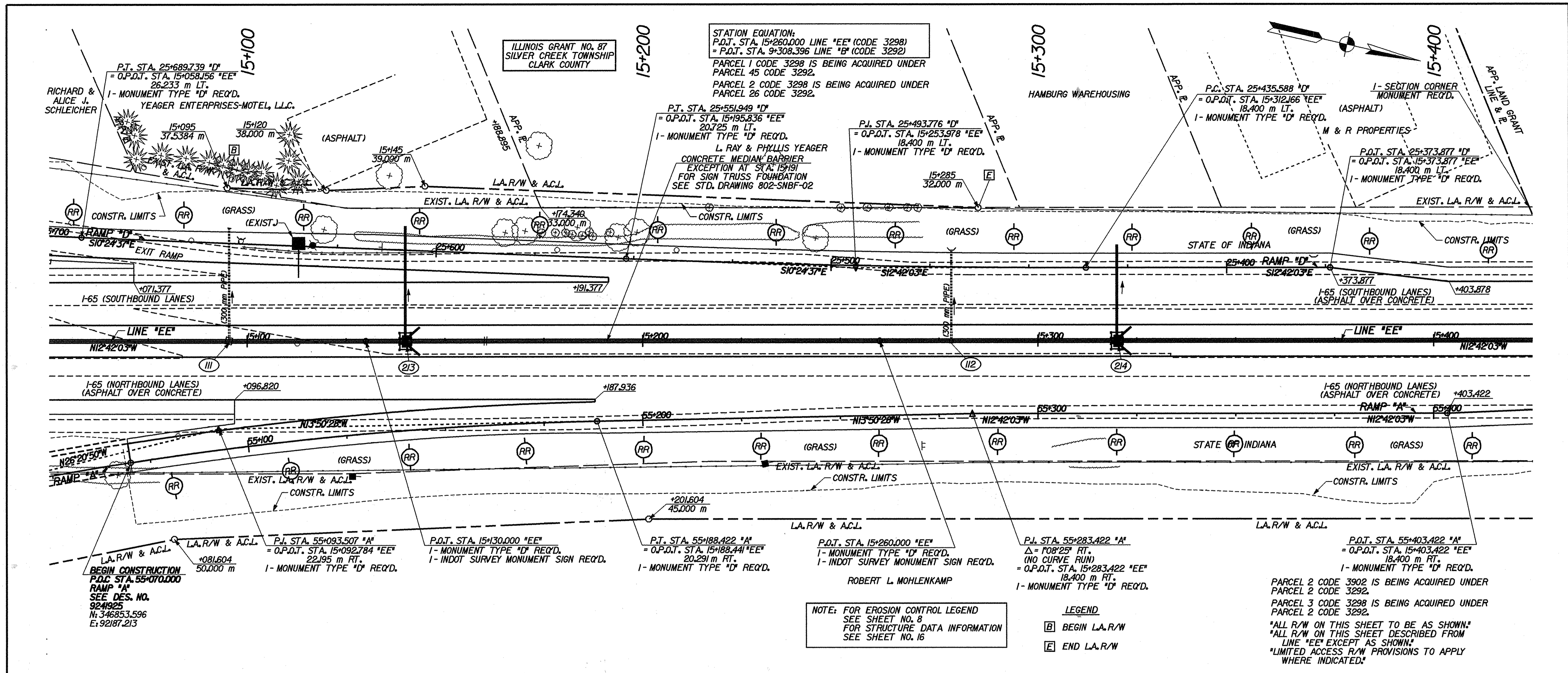




	RECOMMENDED FOR APPROVAL	 DESIGN ENGINEER DATE 3/22/07	INDIANA DEPARTMENT OF TRANSPORTATION  PLAN AND PROFILE	HORIZONTAL SCALE 1:500	BRIDGE FILE
	DESIGNED: RJS/JMW	DRAWN: CPH		VERTICAL SCALE 1:100	DESIGNATION 9241965
CHECKED: MRU	CHECKED: MRU		SURVEY BOOK	SHEETS 11 of 130	
			CONTRACT R-24590	PROJECT IM-65-1(40) 6	

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		<b>RECOMMENDED FOR APPROVAL</b> <i>Mark R. Urban</i> 3/22/02 DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b> <b>PLAN AND PROFILE</b>	<table border="1"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1:500</td> <td></td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1:100</td> <td>9241965</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td></td> <td>12 of 130</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-24550</td> <td>IM-65-1(140) 6</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1:500		VERTICAL SCALE	DESIGNATION	1:100	9241965	SURVEY BOOK	SHEETS		12 of 130	CONTRACT	PROJECT	R-24550	IM-65-1(140) 6
HORIZONTAL SCALE	BRIDGE FILE																			
1:500																				
VERTICAL SCALE	DESIGNATION																			
1:100	9241965																			
SURVEY BOOK	SHEETS																			
	12 of 130																			
CONTRACT	PROJECT																			
R-24550	IM-65-1(140) 6																			
DESIGNED: RJS/JMW	DRAWN: CPH	CHECKED: MRU	CHECKED: MRU																	

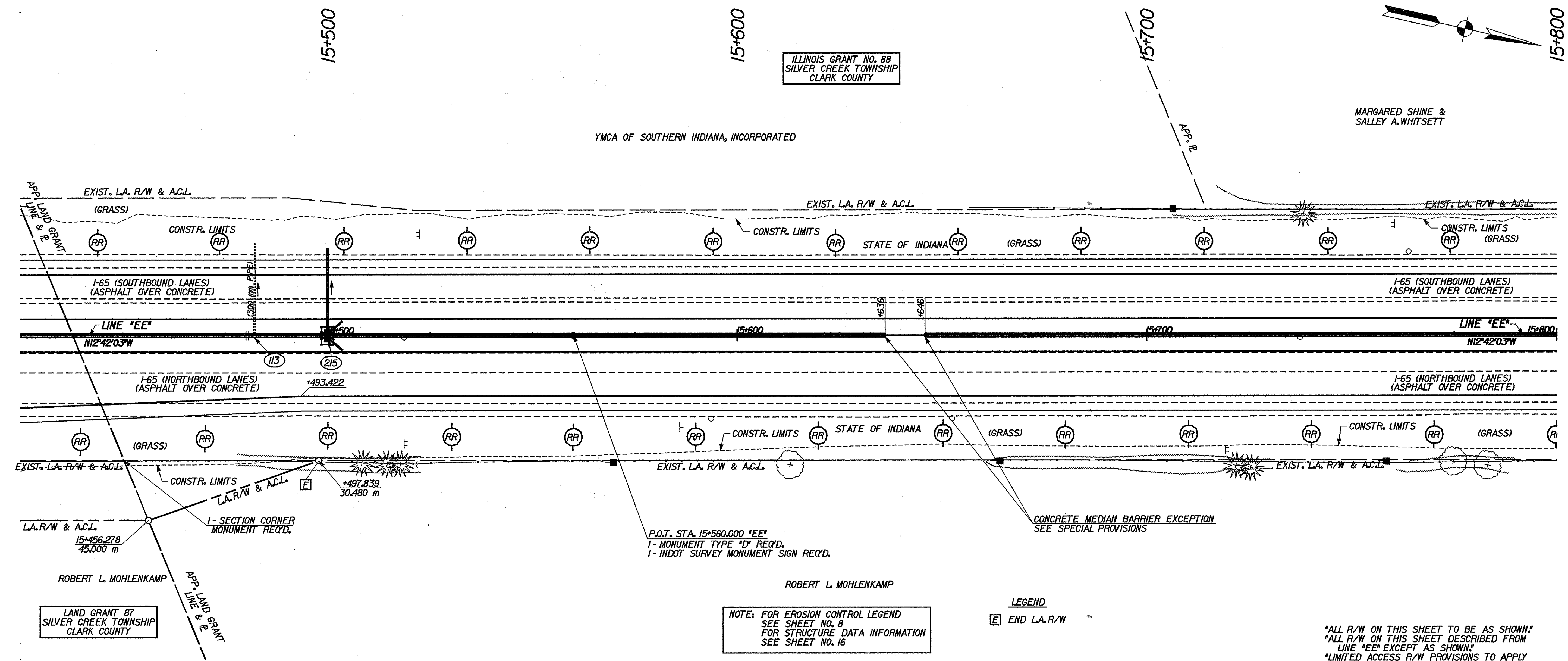
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ILLINOIS GRANT NO. 88  
SILVER CREEK TOWNSHIP  
CLARK COUNTY

YMCA OF SOUTHERN INDIANA, INCORPORATED

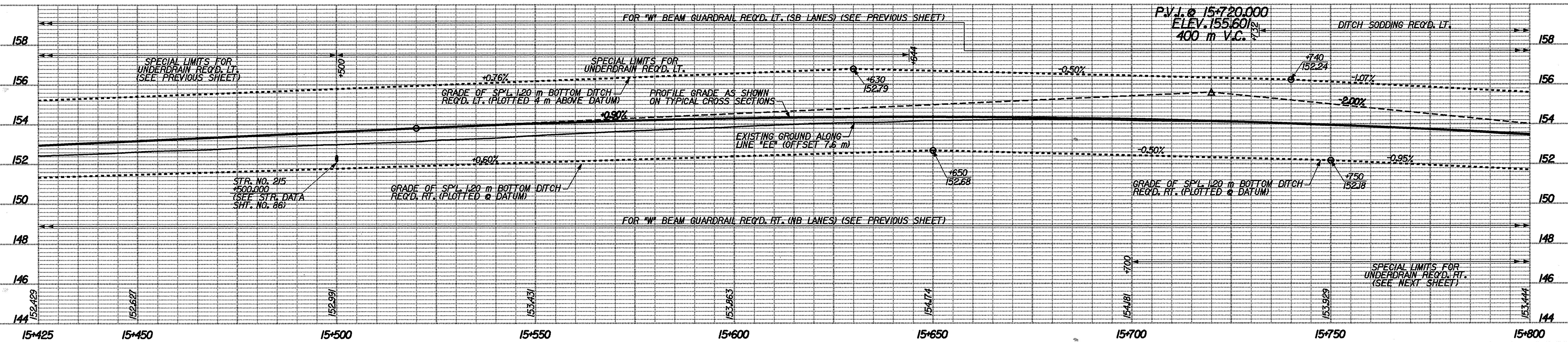
MARGARET SHINE &  
SALLEY A. WHITSETT



NOTE: FOR EROSION CONTROL LEGEND  
SEE SHEET NO. 8  
FOR STRUCTURE DATA INFORMATION  
SEE SHEET NO. 16

LEGEND  
[E] END L.A. R/W

"ALL R/W ON THIS SHEET TO BE AS SHOWN."  
"ALL R/W ON THIS SHEET DESCRIBED FROM  
LINE "EE" EXCEPT AS SHOWN."  
"LIMITED ACCESS R/W PROVISIONS TO APPLY  
WHERE INDICATED."



02-APR-2002 15:07  
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		RECOMMENDED FOR APPROVAL <i>Mark R. Urban</i> 3/22/02 DESIGN ENGINEER DATE	HORIZONTAL SCALE 1:500 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9241965
DESIGNED: RJS/JMW CHECKED: MRU	DRAWN: CPH CHECKED: MRU	INDIANA DEPARTMENT OF TRANSPORTATION  PLAN AND PROFILE	SURVEY BOOK CONTRACT R-24550	SHEETS 13 of 130 PROJECT IM-65-1(140) 6



15+800

15+900

16+000

16+100

ILLINOIS GRANT NO. 88  
SILVER CREEK TOWNSHIP  
CLARK COUNTY

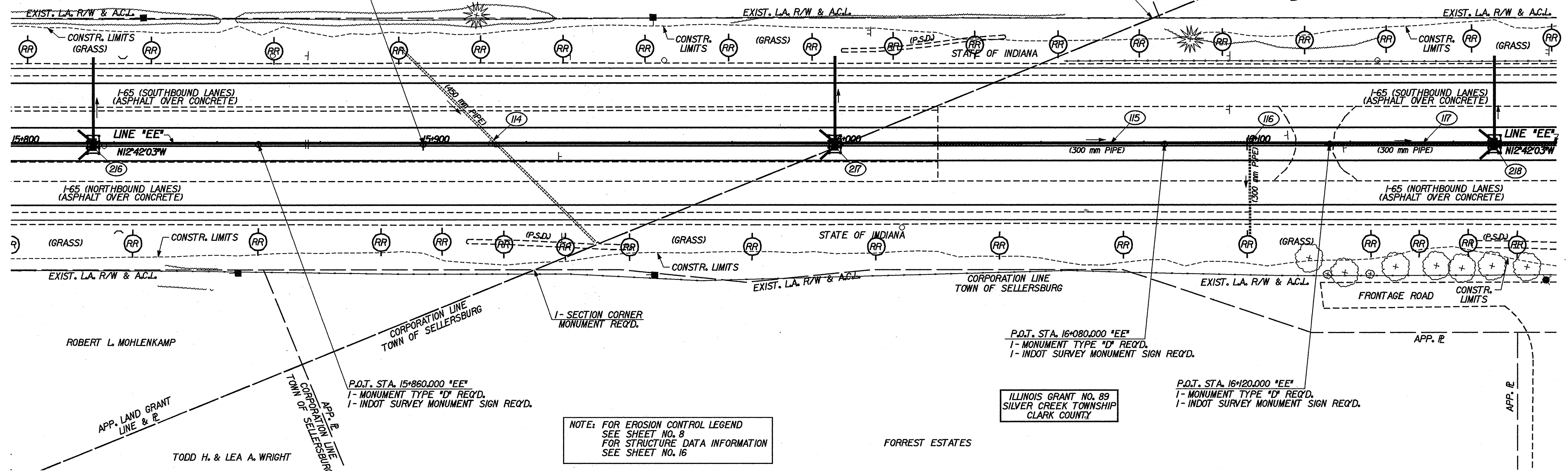
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1- INDOT SURVEY MONUMENT SIGN REQ'D.

MARGARET SHINE &  
SALLEY A. WHITSETT

1- SECTION CORNER  
MONUMENT REQ'D.

CORPORATION LINE  
TOWN OF SELLERSBURG

ROBERT K. LEONARD



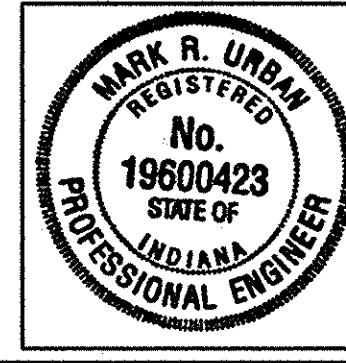
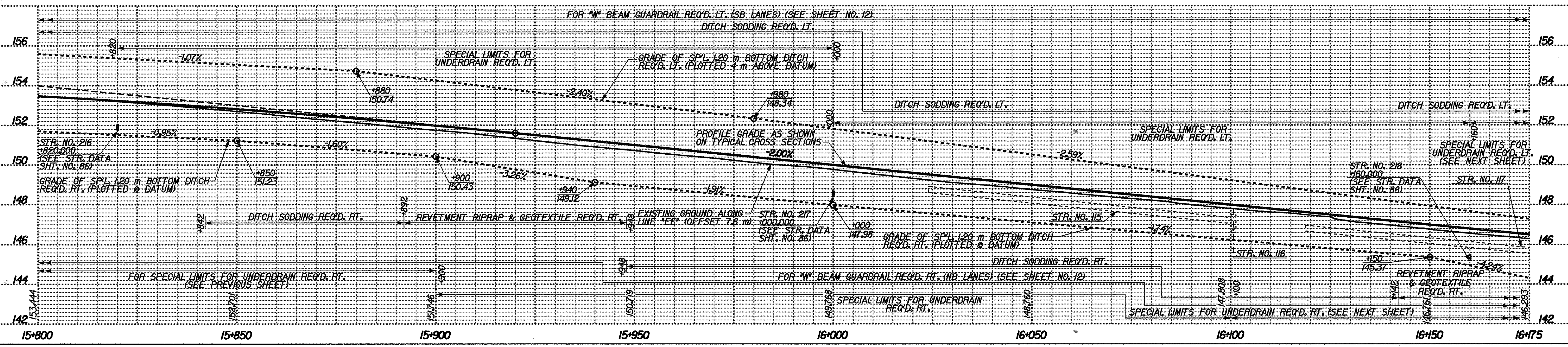
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1- INDOT SURVEY MONUMENT SIGN REQ'D.

NOTE: FOR EROSION CONTROL LEGEND  
SEE SHEET NO. 8  
FOR STRUCTURE DATA INFORMATION  
SEE SHEET NO. 16

P.O.T. STA. 16+080.000 "EE"  
1- MONUMENT TYPE "D" REQ'D.  
1- INDOT SURVEY MONUMENT SIGN REQ'D.

ILLINOIS GRANT NO. 89  
SILVER CREEK TOWNSHIP  
CLARK COUNTY

P.O.T. STA. 16+120.000 "EE"  
1- MONUMENT TYPE "D" REQ'D.  
1- INDOT SURVEY MONUMENT SIGN REQ'D.



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/2/02  
DESIGN ENGINEER DATE

DESIGNED: RJS/JMM DRAWN: CPH  
CHECKED: MRU CHECKED: MRU

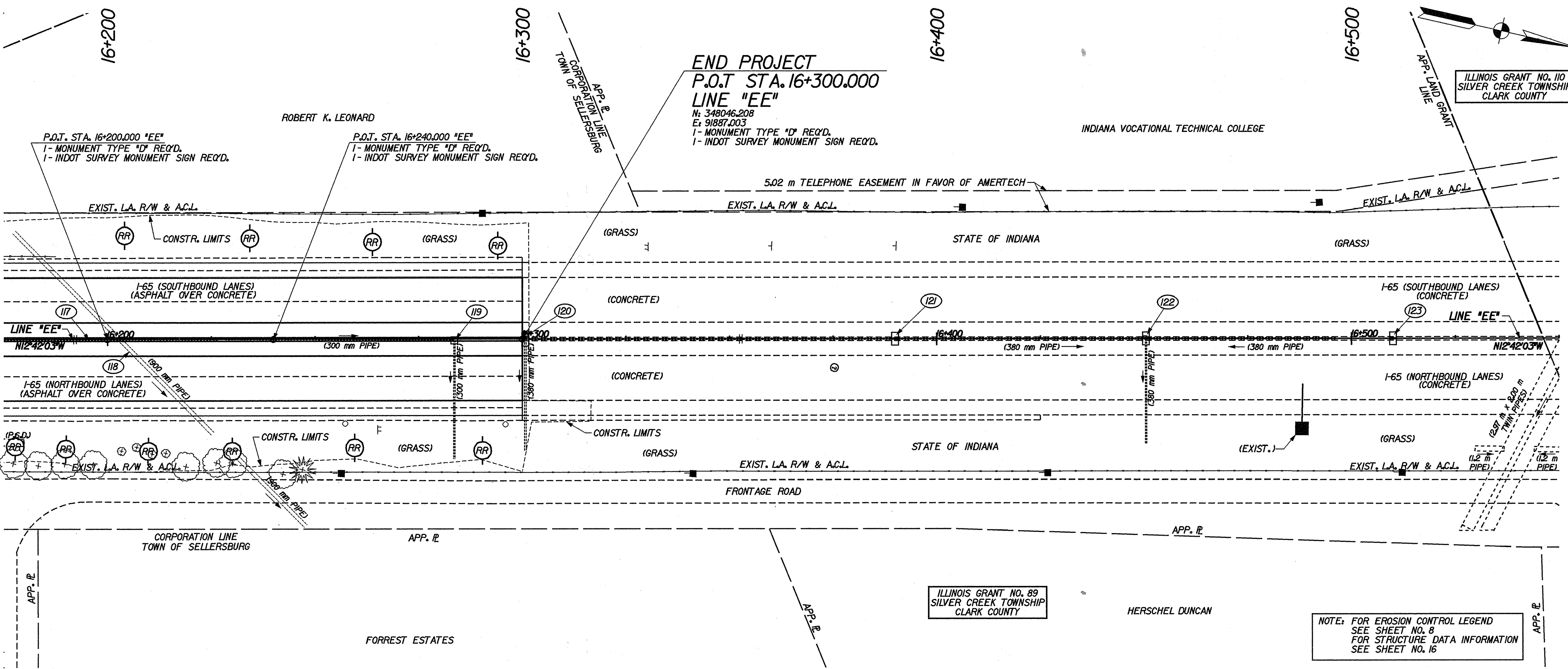
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 924965
SURVEY BOOK	SHEETS 14 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

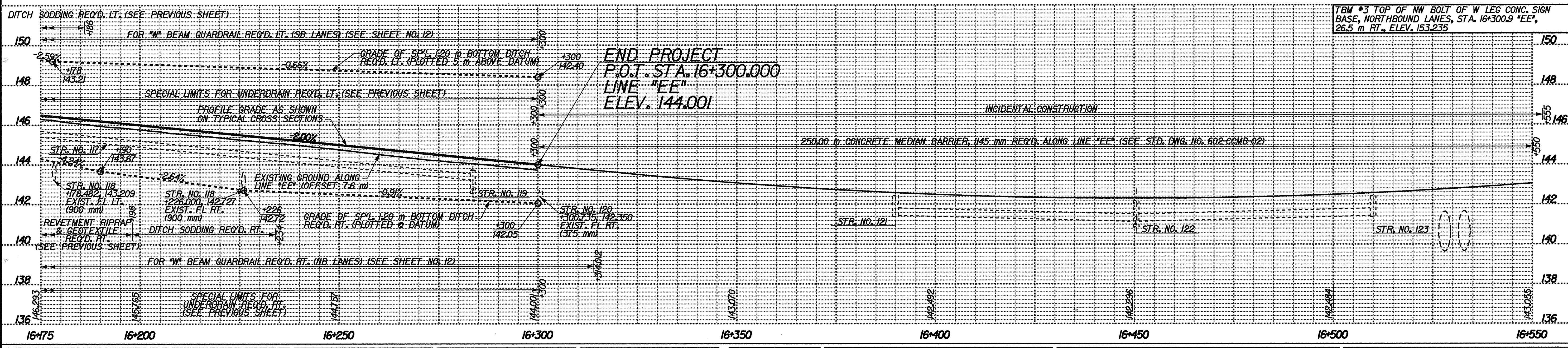
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**END PROJECT**  
**P.O.T. STA. 16+300.000**  
**LINE "EE"**  
 N. 348046.208  
 E. 91887.003  
 1- MONUMENT TYPE "D" REQ'D.  
 1- INDOT SURVEY MONUMENT SIGN REQ'D.

NOTE: FOR EROSION CONTROL LEGEND  
 SEE SHEET NO. 8  
 FOR STRUCTURE DATA INFORMATION  
 SEE SHEET NO. 16



**END PROJECT**  
**P.O.T. STA. 16+300.000**  
**LINE "EE"**  
**ELEV. 144.001**

TBM #3 TOP OF NW BOLT OF W LEG CONC. SIGN  
 BASE, NORTHBOUND LANES, STA. 16+300.9 "EE",  
 26.5 m RT., ELEV. 153.235



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE  
 DESIGNED: RJS/JMM DRAWN: CPH  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
**PLAN AND PROFILE**

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9241965
SURVEY BOOK	SHEETS 15 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

02-APR-2002 1442 T:\TRANSP\27606\133\616\330002.dwg



EXISTING I-65 STORM STRUCTURES

STR. NO. 100  
STA. 13+785.635 "EE" C.  
BEYOND PROJECT LIMITS

STR. NO. 101  
STA. 13+968.466 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 102  
STA. 14+014.175 "EE" C.  
NO CHANGE REQ'D.

STR. NO. 103  
STA. 14+042.142 "EE" C., 28.309 m LT.  
NO CHANGE REQ'D.

STR. NO. 104  
STA. 14+20.588 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 105  
STA. 14+303.031 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 106  
STA. 14+485.864 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 107  
STA. 14+749.513 "EE" C.  
REMOVE EXISTING PIPE

STR. NO. 108  
STA. 14+769.704 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 109  
STA. 14+791.310 "EE" C., 30.091 m LT.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 110  
STA. 14+912.484 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 111  
STA. 15+095.442 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 112  
STA. 15+278.601 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 113  
STA. 15+482.572 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 114  
STA. 15+918.432 "EE" C.  
NO CHANGE REQ'D.

STR. NO. 115  
STA. 16+023.957 C.  
REMOVE EXISTING PIPE

STR. NO. 116  
STA. 16+100.667 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 117  
STA. 16+118.774 "EE" C.  
NO CHANGE REQ'D.

STR. NO. 118  
STA. 16+204.221 "EE" C.  
NO CHANGE REQ'D.

STR. NO. 119  
STA. 16+283.598 "EE" C.  
REMOVE EXISTING INLET AND PIPE

STR. NO. 120  
STA. 16+300.685 "EE" C.  
REMOVED IN PREVIOUS CONTRACT

STR. NO. 121  
STA. 16+390.000 "EE" C.  
REMOVED IN PREVIOUS CONTRACT

STR. NO. 122  
STA. 16+450.478 "EE" C.  
REMOVED IN PREVIOUS CONTRACT

STR. NO. 123  
STA. 16+510.000 "EE" C.  
REMOVED IN PREVIOUS CONTRACT

PROPOSED I-65 STORM STRUCTURES

STR. NO. 200  
STA. 13+830.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 21.8 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 201  
STA. 13+980.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 24.4 m OF 450 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 202  
STA. 14+032.625 "EE" C.  
INLET, TYPE MOD. "H-5", AND 52.6 m OF 375 mm PIPE  
(CONNECTS TO STR. NO. 201), 17.0 m OF 300 mm  
SLOTTED DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 203  
STA. 14+070.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 22.7 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 204  
STA. 14+220.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 24.9 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 205  
STA. 14+360.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 25.2 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 206  
STA. 14+460.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 34.1 m OF 450 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 207  
STA. 14+530.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 70.0 m OF 375 mm PIPE  
(CONNECTS TO STR. NO. 206), AND 8.5 m OF 300 mm  
SLOTTED DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 208  
STA. 14+600.000 "EE" C.  
INLET, TYPE "H-5", AND 22.0 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 209  
STA. 14+700.000 "EE" C.  
INLET, TYPE "H-5", AND 24.0 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 210  
STA. 14+800.000 "EE" C.  
INLET, TYPE "H-5", AND 25.0 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 211  
STA. 14+880.000 "EE" C.  
INLET, TYPE "H-5", AND 24.5 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 212  
STA. 14+960.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 30.2 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 213  
STA. 15+140.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 28.2 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 214  
STA. 15+320.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 23.4 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

PROPOSED I-65 STORM STRUCTURES (CONTINUED)

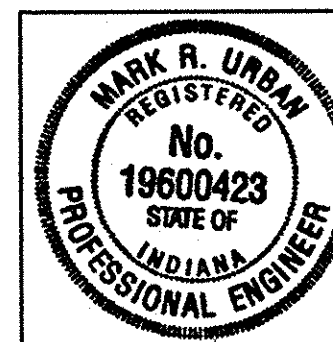
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INLET, TYPE MOD. "H-5", AND 21.2 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 216  
STA. 15+820.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 21.2 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 217  
STA. 16+000.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 20.5 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

STR. NO. 218  
STA. 16+160.000 "EE" C.  
INLET, TYPE MOD. "H-5", AND 20.5 m OF 375 mm PIPE,  
I-PIPE END SECTION AND 8.5 m OF 300 mm SLOTTED  
DRAIN REQ'D. (SEE DETAIL ON SHEET NO. 23).

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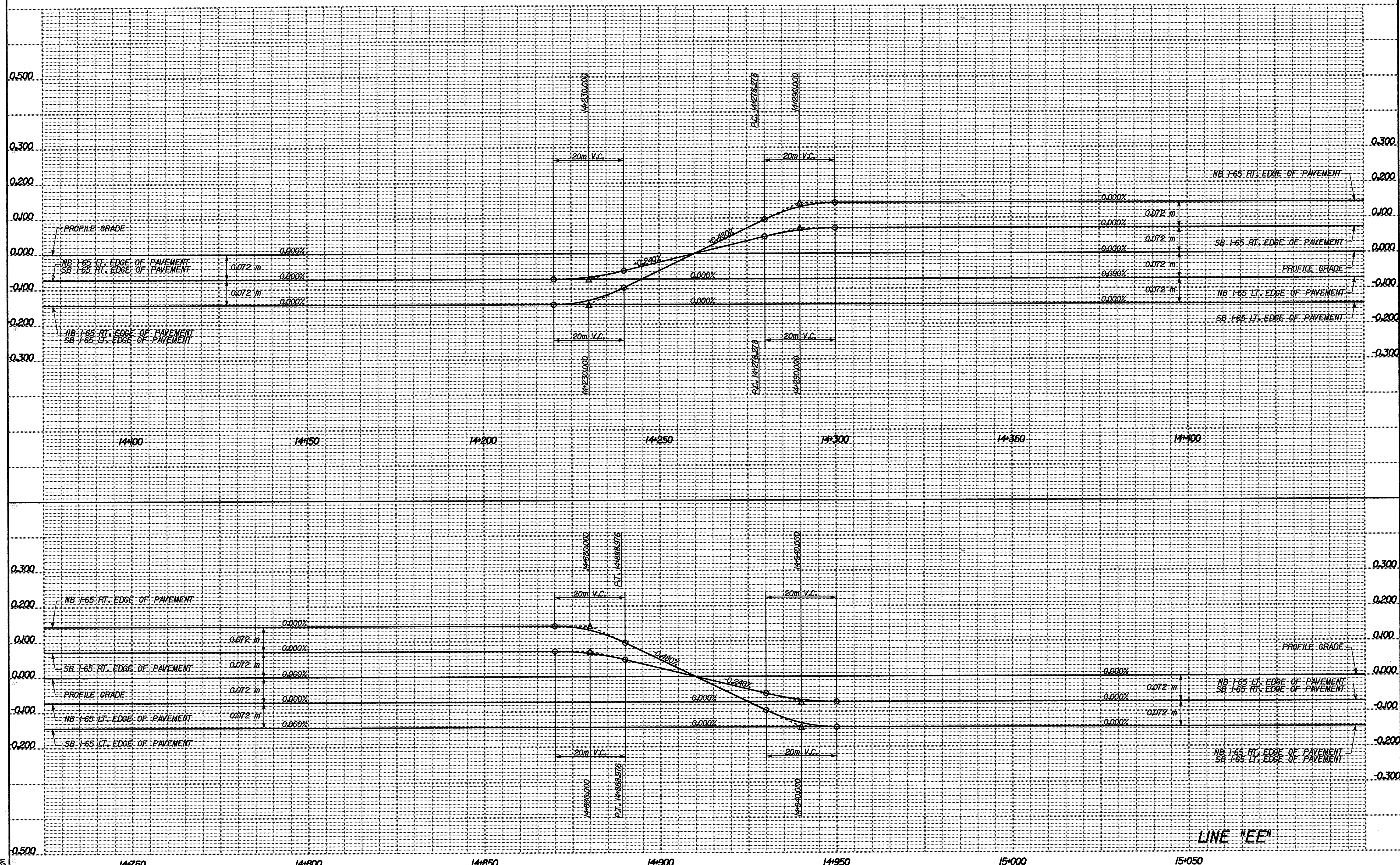
RECOMMENDED FOR APPROVAL	<i>Mark R. Urban</i>	3/22/02
	DESIGN ENGINEER	DATE
DESIGNED:	RJS	DRAWN: JMM
CHECKED:	MRU	CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

STRUCTURE DATA INFORMATION

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 16 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

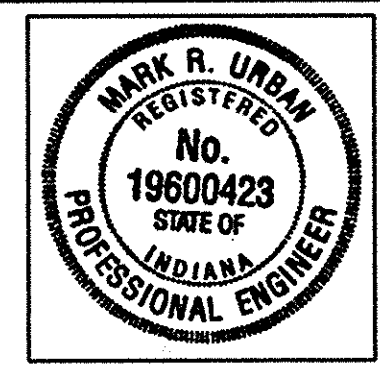




LINE "EE"

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14+750	14+800	14+850	14+900	14+950	15+000	15+050



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

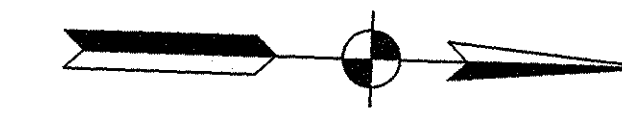
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 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DETAILS

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:5	DESIGNATION 9241965
SURVEY BOOK	SHEETS 17 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



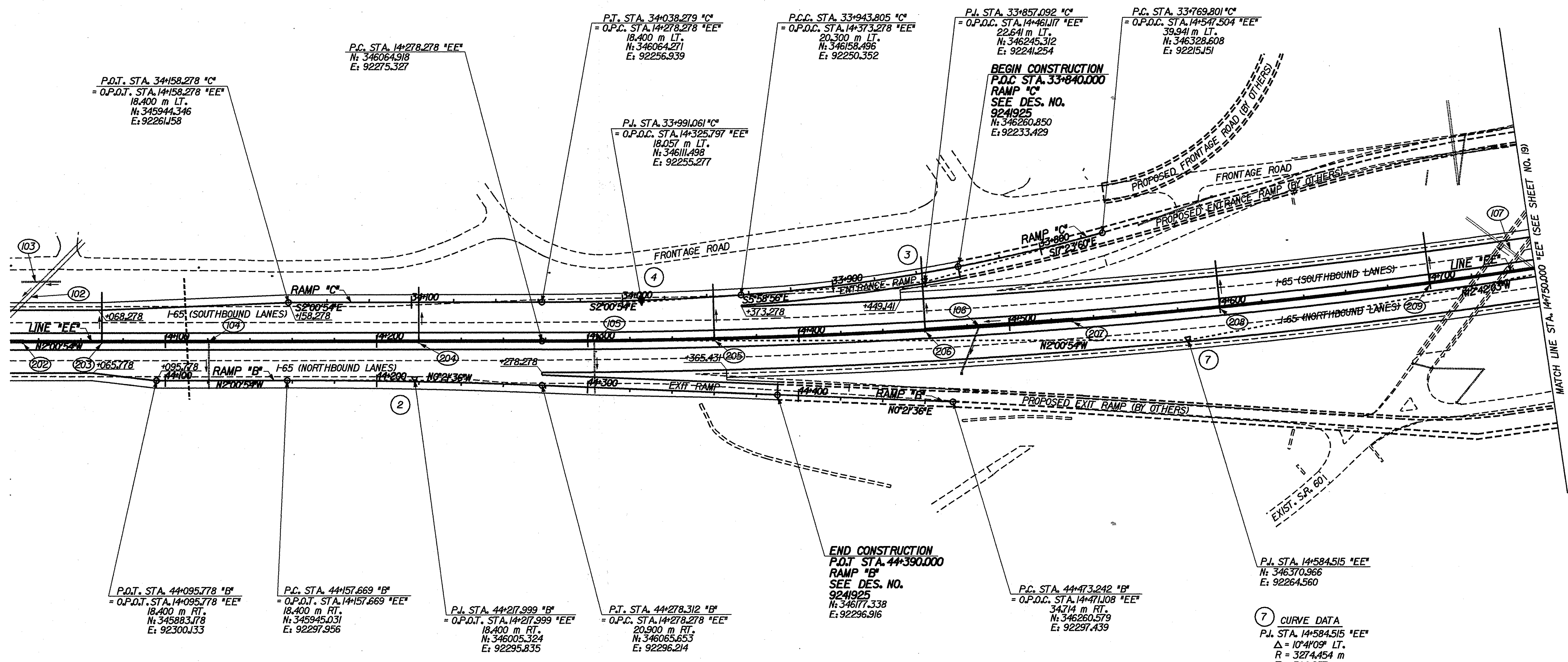


④ CURVE DATA  
 P.I. STA. 33+991.061 \*C\*  
 $\Delta = 3^{\circ}58'03''$  RT.  
 R = 1364.355 m  
 T = 47.256 m  
 L = 94.474 m  
 E = 0.818 m  
 SE = 4.0%

③ CURVE DATA  
 P.I. STA. 33+857.092 \*C\*  
 $\Delta = 1^{\circ}25'03''$  RT.  
 R = 873.188 m  
 T = 87.291 m  
 L = 174.004 m  
 E = 4.352 m  
 SE = 4.0%

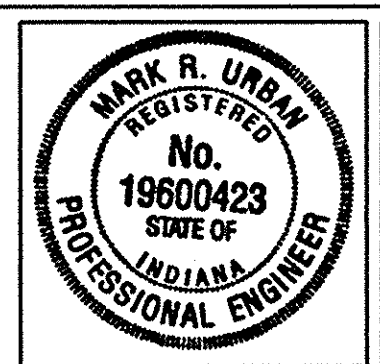
② CURVE DATA  
 P.I. STA. 44+217.999 \*B\*  
 $\Delta = 2^{\circ}22'30''$  RT.  
 R = 2910.627 m  
 T = 60.330 m  
 L = 120.643 m  
 E = 0.625 m  
 SE = 2.0%

⑦ CURVE DATA  
 P.I. STA. 14+584.515 \*EE\*  
 $\Delta = 10^{\circ}4'09''$  LT.  
 R = 3274.454 m  
 T = 306.237 m  
 L = 610.698 m  
 E = 14.289 m  
 SE = R.C.



NOTE:  
 FOR RAMP PROFILES SEE SHEET NO'S. 20 - 21  
 FOR STRUCTURE DATA INFORMATION  
 SEE SHEET NO. 16

16-MAR-2002 17:18 T:\TRANSP\27606\3366\3366.dgn



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/23/02  
 DESIGN ENGINEER DATE  
 DESIGNED: RJS/JMW DRAWN: CPH  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 INTERCHANGE ALIGNMENT DETAILS

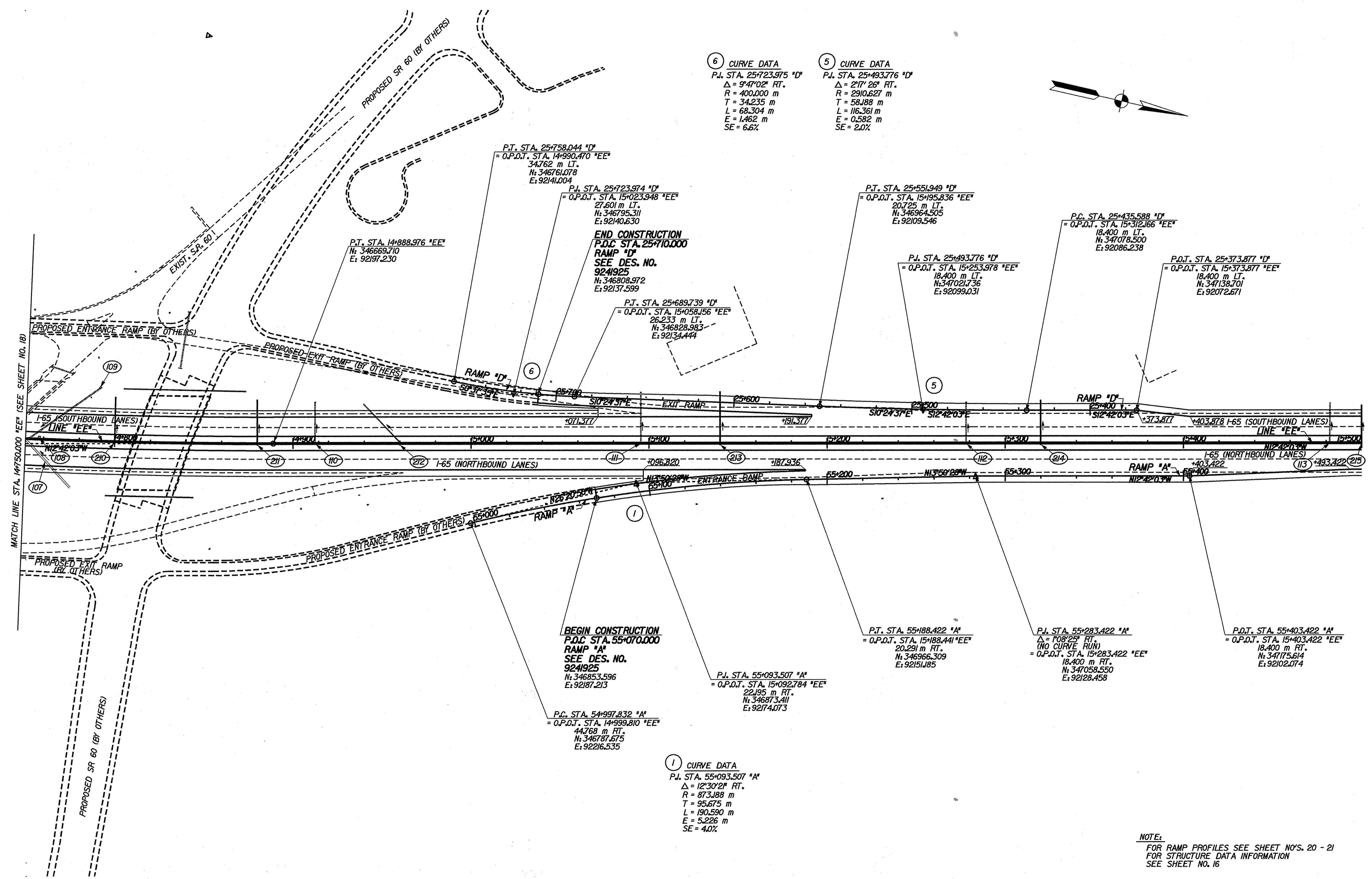
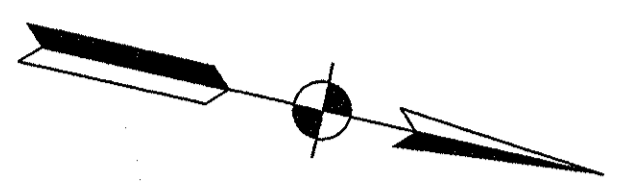
HORIZONTAL SCALE 1"=100'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 18 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



⑥ CURVE DATA  
 P.J. STA. 25+723.975 'D'  
 $\Delta = 9^{\circ}4'02''$  RT.  
 R = 400.000 m  
 T = 34.235 m  
 L = 68.304 m  
 E = 1.462 m  
 SE = 6.6%

⑤ CURVE DATA  
 P.J. STA. 25+493.776 'D'  
 $\Delta = 2^{\circ}17'26''$  RT.  
 R = 2910.627 m  
 T = 58.188 m  
 L = 116.361 m  
 E = 0.582 m  
 SE = 2.0%

① CURVE DATA  
 P.J. STA. 55+093.507 'A'  
 $\Delta = 12^{\circ}30'21''$  RT.  
 R = 873.188 m  
 T = 95.675 m  
 L = 190.590 m  
 E = 5.226 m  
 SE = 4.0%



NOTE:  
 FOR RAMP PROFILES SEE SHEET NO'S. 20 - 21  
 FOR STRUCTURE DATA INFORMATION  
 SEE SHEET NO. 16

10.53  
 17-MAR-2002  
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RECOMMENDED FOR APPROVAL  
*Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: RJS/JMM DRAWN: CPH  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

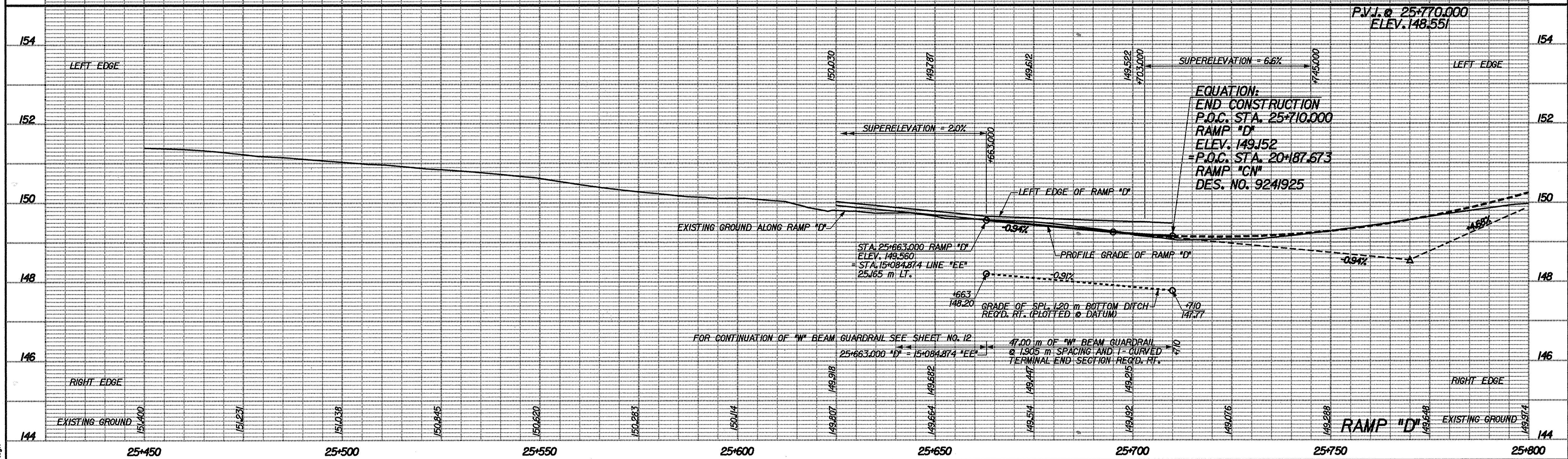
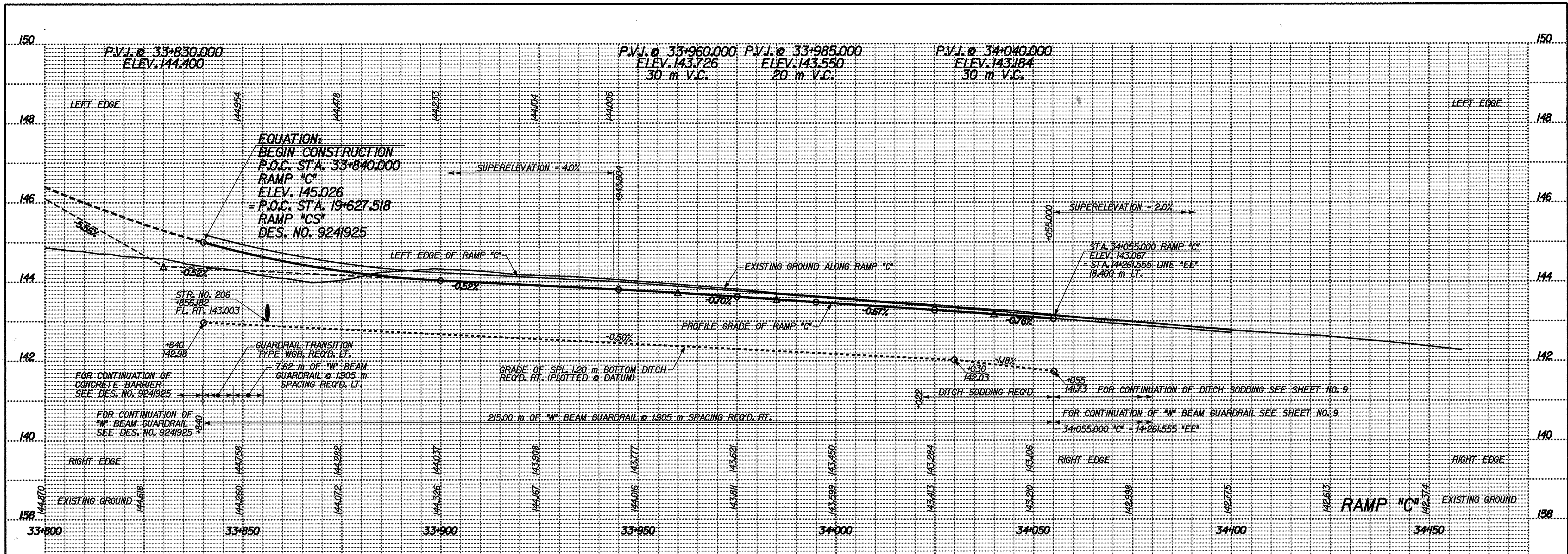
INTERCHANGE ALIGNMENT DETAILS

HORIZONTAL SCALE 1"=100'	BRIDGE FILE
VERTICAL SCALE 1"=10'	DESIGNATION 924196S
SURVEY BOOK	SHEETS 19 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



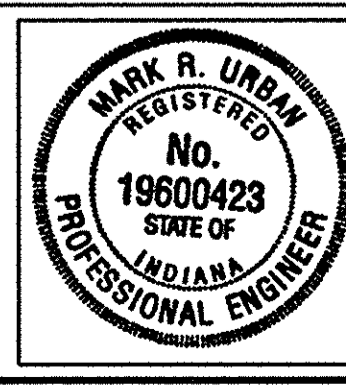






15-MAR-2002 17:36 T:\TRANS\27606\3\cor3\900.dgn

DESIGNED: RJS	DRAWN: CPH
CHECKED: MRU	CHECKED: MRU



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

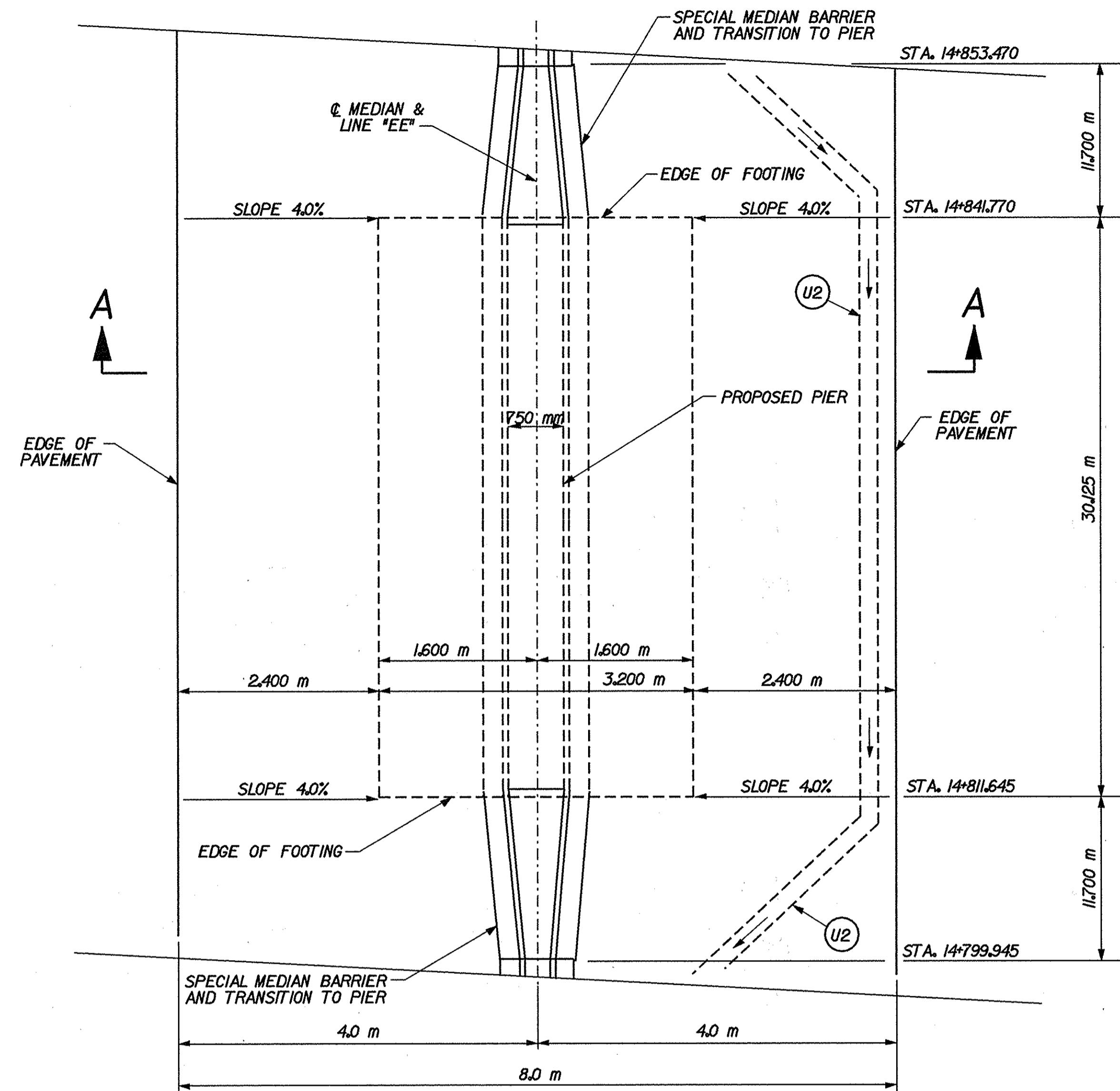
INDIANA DEPARTMENT OF TRANSPORTATION  
**RAMP PROFILES  
 RAMP C & RAMP D**

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:50	DESIGNATION 9241965
SURVEY BOOK	SHEETS 21 of 130
CONTRACT R-24550	PROJECT IM-65-1(140)6

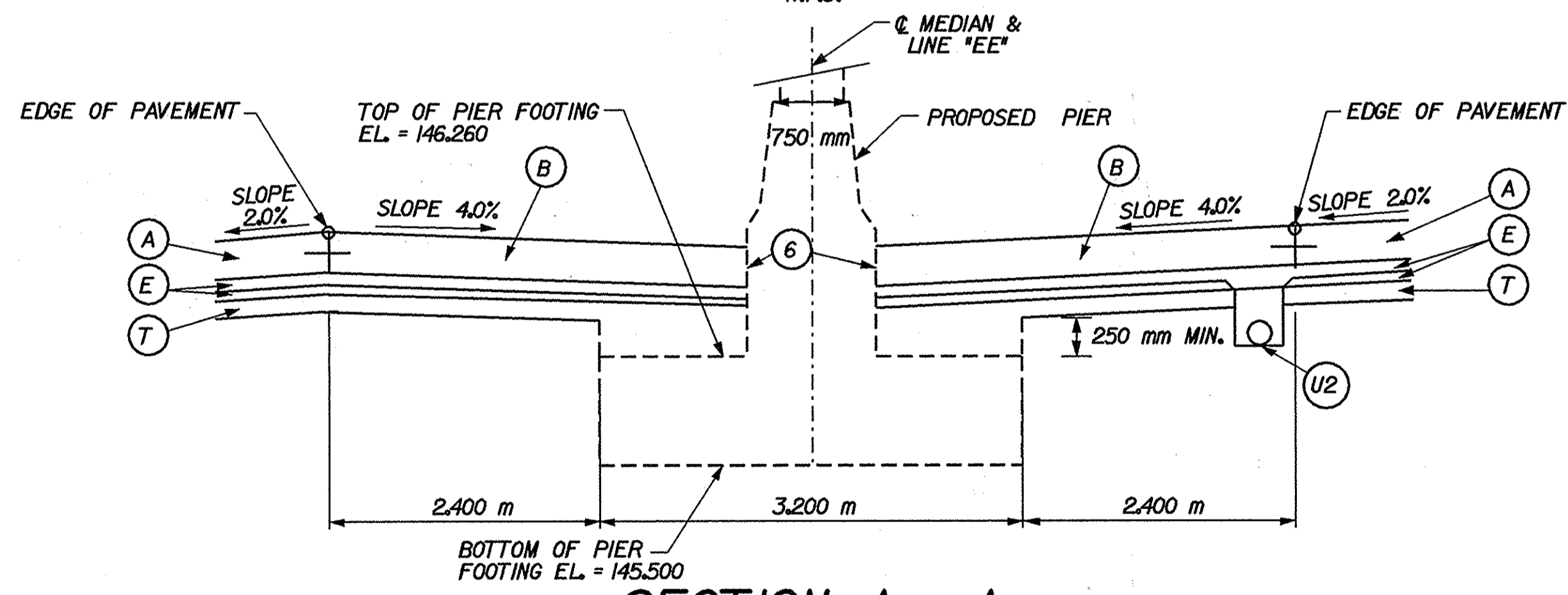






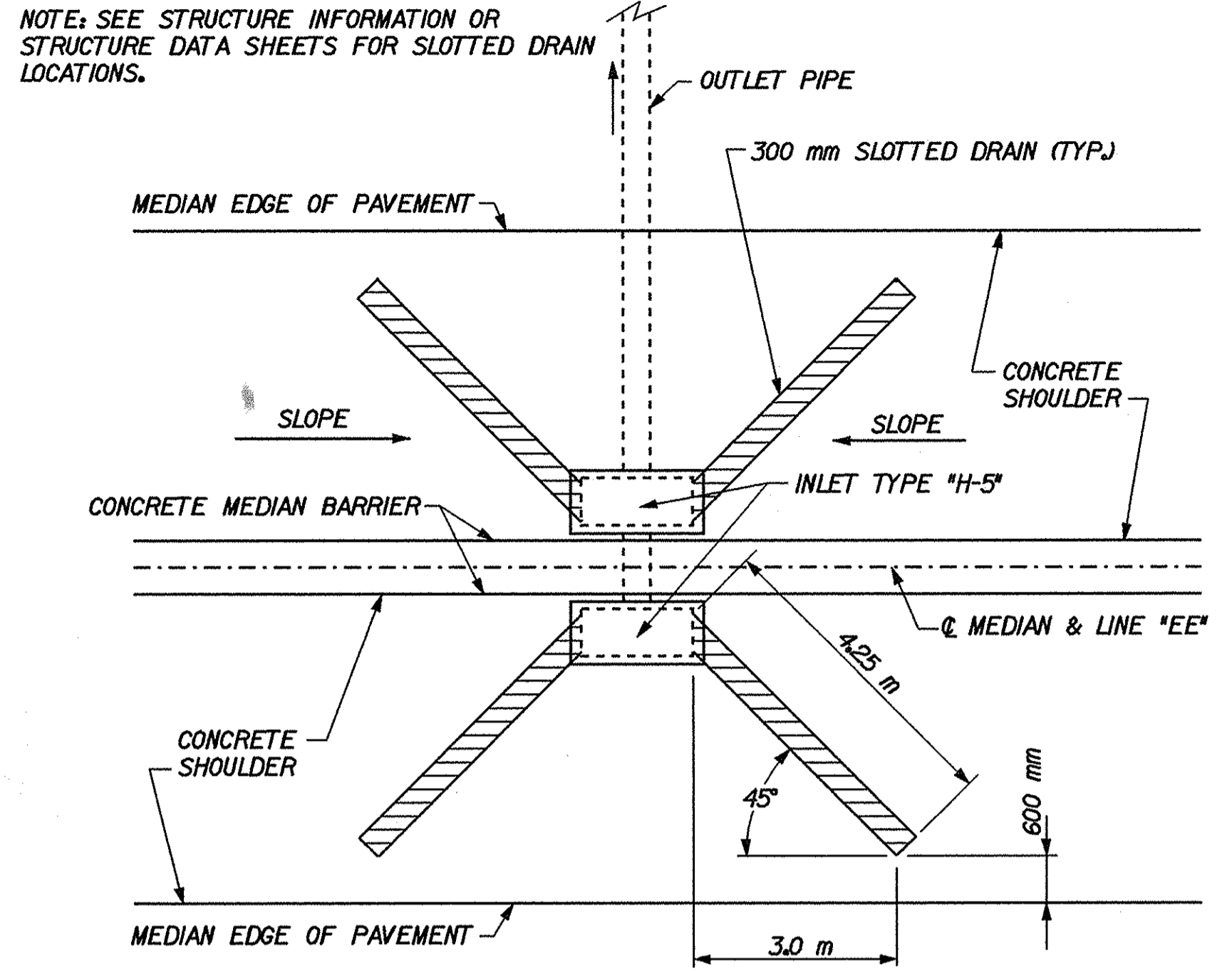


**PLAN VIEW**  
N.T.S.



**SECTION A - A**  
N.T.S.

STA. 14+811.645 "EE" TO STA. 14+841.770 "EE"  
**MEDIAN SHOULDER AT S.R. 60 BRIDGE PIER**

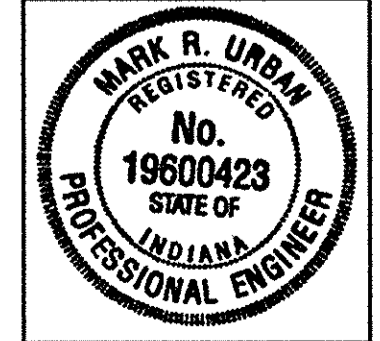


**TYPICAL LOCATION OF 300 mm SLOTTED DRAIN AT "H-5" INLETS**  
N.T.S.

**LEGEND**

- (A) 375 mm QC/QA PCCP W/ 5.5 m "TYPE D-I" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE
- (B) 375 mm QC/QA PCCP FOR SHOULDERS W/ SAWED AND SEALED JOINTS ALIGNED W/ D-I JOINTS IN (A) W/ MILLED CORRUGATIONS
- (E) SUBBASE FOR CEMENT CONCRETE PAVEMENT CONSISTING OF: 75 mm OF 100% CRUSHED COURSE AGGREGATE, NO. 8 ON 150 mm OF COMPACTED AGGREGATE BASE, TYPE "O", SIZE NO. 53
- (T) 250 mm COMPACTED AGGREGATE BASE, TYPE "O", SIZE NO. 53
- (U2) 200 mm I.D. UNDERDRAIN (SEE DETAIL ON SHEET NO. 6 AND STD. DWG. NO. 718-UNDR-01)
- (6) 6 mm PREFORMED JOINT FILLER

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RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: RJS/JMW DRAWN: CPH  
CHECKED: MRU CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION  
**MISCELLANEOUS DETAILS**

HORIZONTAL SCALE AS SHOWN	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924/965
SURVEY BOOK	SHEETS 23 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



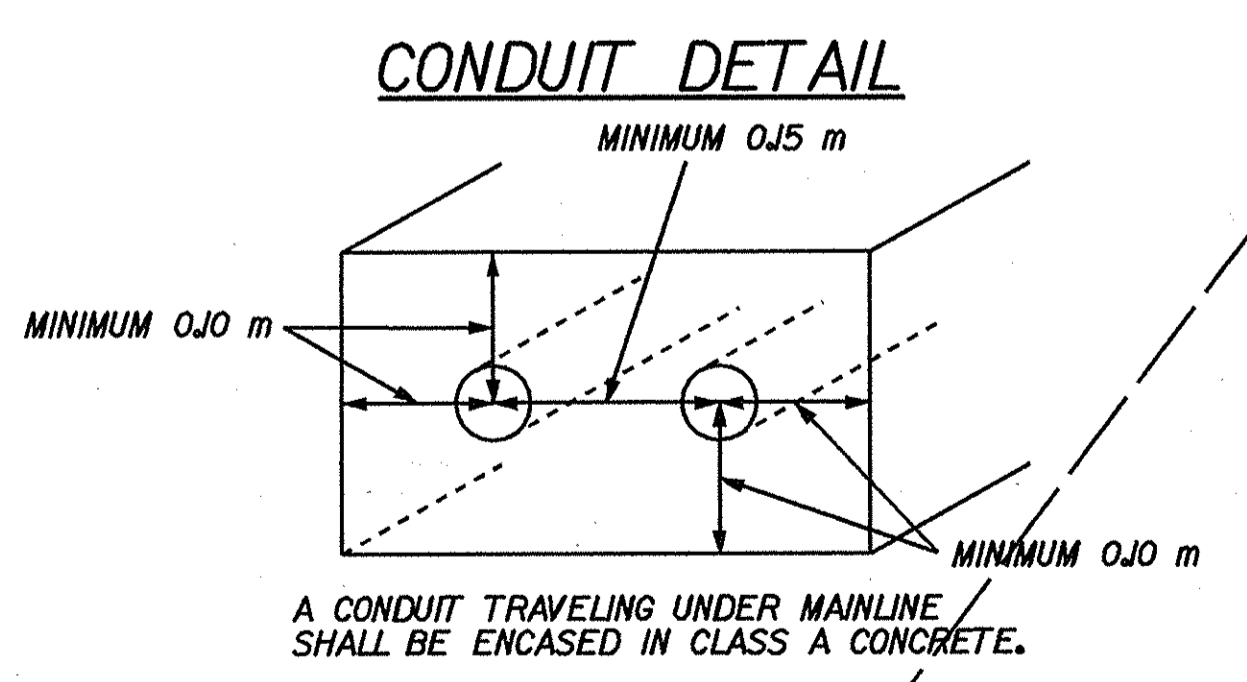
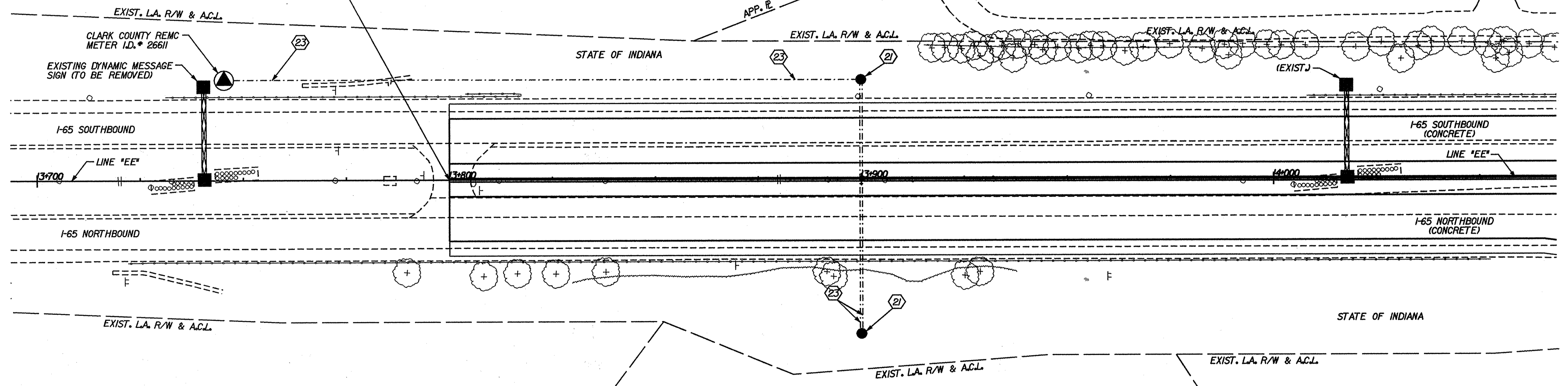
13+700

13+800

13+900

14+000

BEGIN CONSTRUCTION  
P.O.T. STA. 13+800.000  
LINE "EE"

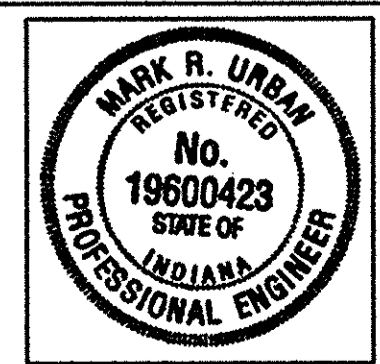


**SYMBOL LEGEND**

- SERVICE POINT
- HANDHOLE
- 50mm CONDUIT

**LEGEND**

- PROVIDE HANDHOLE
- 4-1/8 NO. 4, IN 50mm CONDUIT



RECOMMENDED FOR APPROVAL	<i>Mark R. Urban</i>	DATE	3/22/02
DESIGNED BY	JMM	DRAWN BY	JMM
CHECKED BY	MRU	CHECKED BY	MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

**MISCELLANEOUS DETAILS  
CONCRETE EXPERIMENT**

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
	924/965
SURVEY BOOK	SHEETS
	24 of 130
CONTRACT	PROJECT
R-24950	IM-65-1(140) 6

16-MAR-2002 11:54  
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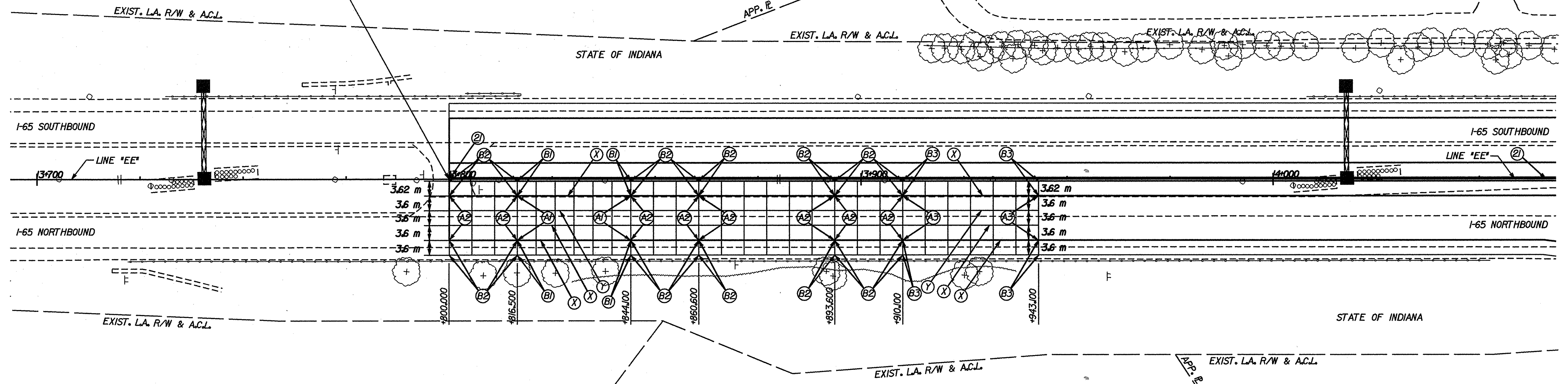
13+700

13+800

13+900

14+000

BEGIN CONSTRUCTION  
P.O.T. STA. 13+800.000  
LINE "EE"



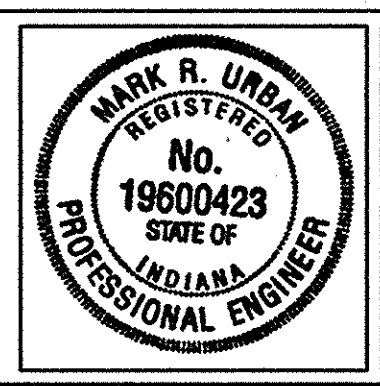
**NOTES**

PCCP SUBBASE AND BASE ARE AS FOLLOWS:  
 SUBBASE FOR PCCP CONSISTS OF:  
 75 mm OF CRUSHED COURSE AGGREGATE, NO. 8 ON  
 150 mm OF COMPACTED AGGREGATE FOR BASE, 0, SIZE 53  
 BASE FOR PCCP CONSISTS OF:  
 250 mm COMPACTED AGGREGATE BASE, TYPE "0", SIZE NO. 53

**LEGEND**

- (A1) 375 mm QC/QA PCCP, MODIFIED W/ 4.6 m "TYPE D-F" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE ON SUBBASE AND BASE
- (A2) 375 mm QC/QA PCCP, MODIFIED W/ 5.5 m "TYPE D-F" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE ON SUBBASE AND BASE
- (A3) 350 mm QC/QA PCCP, MODIFIED W/ 5.5 m "TYPE D-F" CONTRACTION JOINT SPACING PERPENDICULAR TO CENTERLINE ON SUBBASE AND BASE
- (B1) 375 mm QC/QA PCCP, MODIFIED W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A1) W/ MILLED CORRUGATIONS ON SUBBASE AND BASE
- (B2) 375 mm QC/QA PCCP, MODIFIED W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A2) W/ MILLED CORRUGATIONS ON SUBBASE AND BASE
- (B3) 350 mm QC/QA PCCP, MODIFIED W/ SAWED AND SEALED TRANSVERSE JOINTS ALIGNED W/ D-I JOINTS IN (A3) W/ MILLED CORRUGATIONS ON SUBBASE AND BASE
- (X) LONGITUDINAL CONSTRUCTION JOINT
- (Y) LONGITUDINAL JOINT
- (Z) CONCRETE MEDIAN BARRIER, 1145 mm (SEE DETAIL ON SHEET NO. 22)

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RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

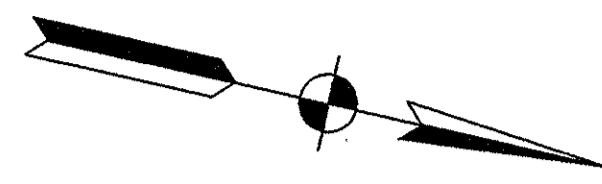
DESIGNED: JMM DRAWN: JMM  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS  
 JOINT DETAILS  
 CONCRETE EXPERIMENT

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924965
SURVEY BOOK	SHEETS 25 of 130
CONTRACT R-24550	PROJECT IM-65-1 (140) 6



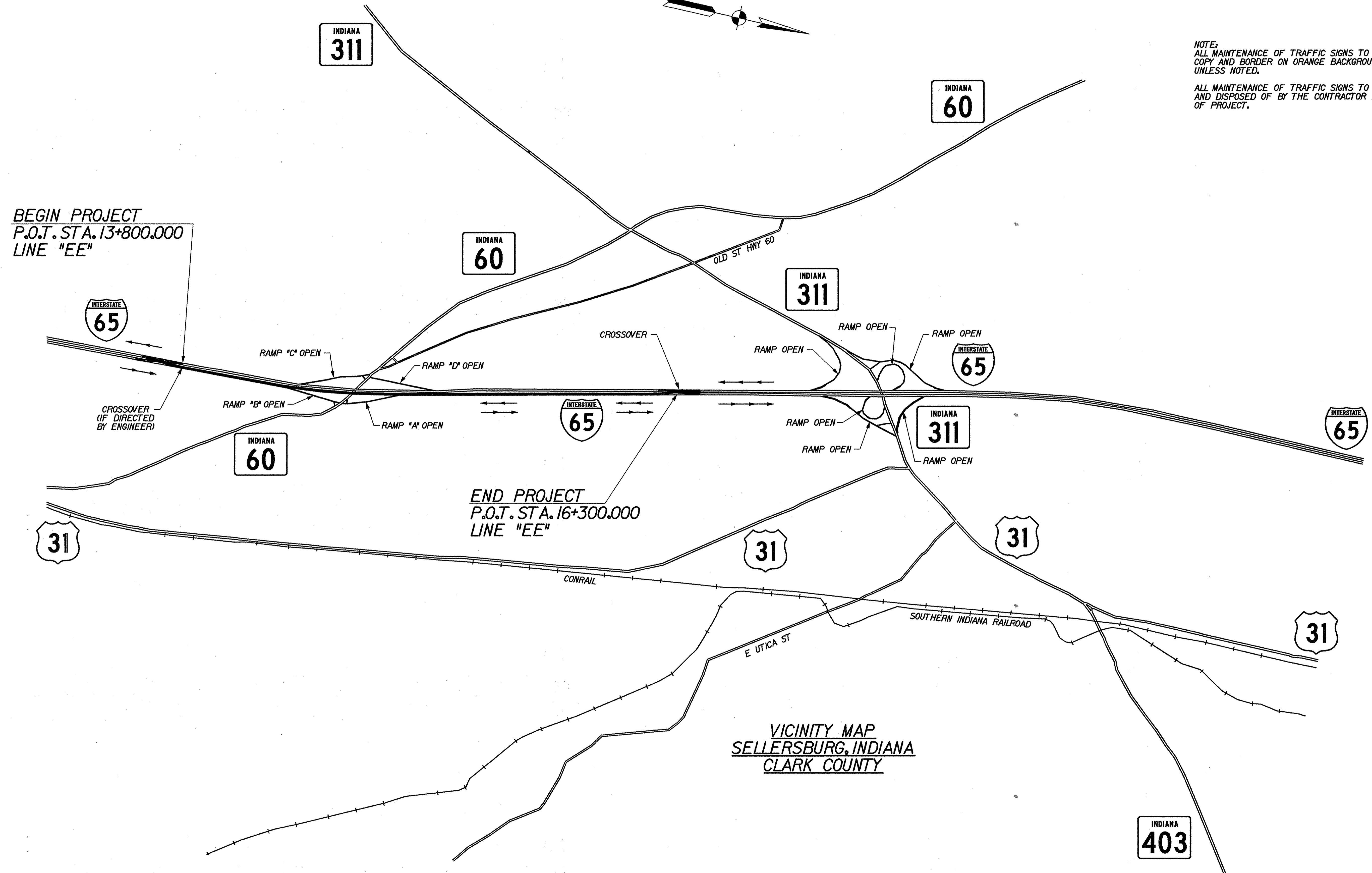


NOTE:  
 ALL MAINTENANCE OF TRAFFIC SIGNS TO BE BLACK COPY AND BORDER ON ORANGE BACKGROUND UNLESS NOTED.  
 ALL MAINTENANCE OF TRAFFIC SIGNS TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT THE END OF PROJECT.

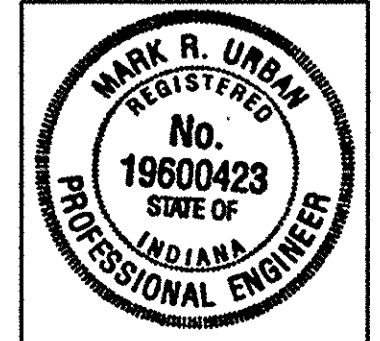
BEGIN PROJECT  
 P.O.T. STA. 13+800.000  
 LINE "EE"

END PROJECT  
 P.O.T. STA. 16+300.000  
 LINE "EE"

VICINITY MAP  
 SELLERSBURG, INDIANA  
 CLARK COUNTY



16-MAR-2002 10:12  
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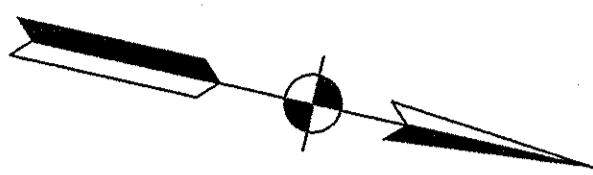


RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE  
 DESIGNED: MRU DRAWN: JES  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ADVANCE SIGNING DETAILS  
 PHASE 2 & 3

HORIZONTAL SCALE	BRIDGE FILE
1/10000	
VERTICAL SCALE	DESIGNATION
	924/965
SURVEY BOOK	SHEETS
	26 of 130
CONTRACT	PROJECT
R-24550	IM-65-1 (140) 6



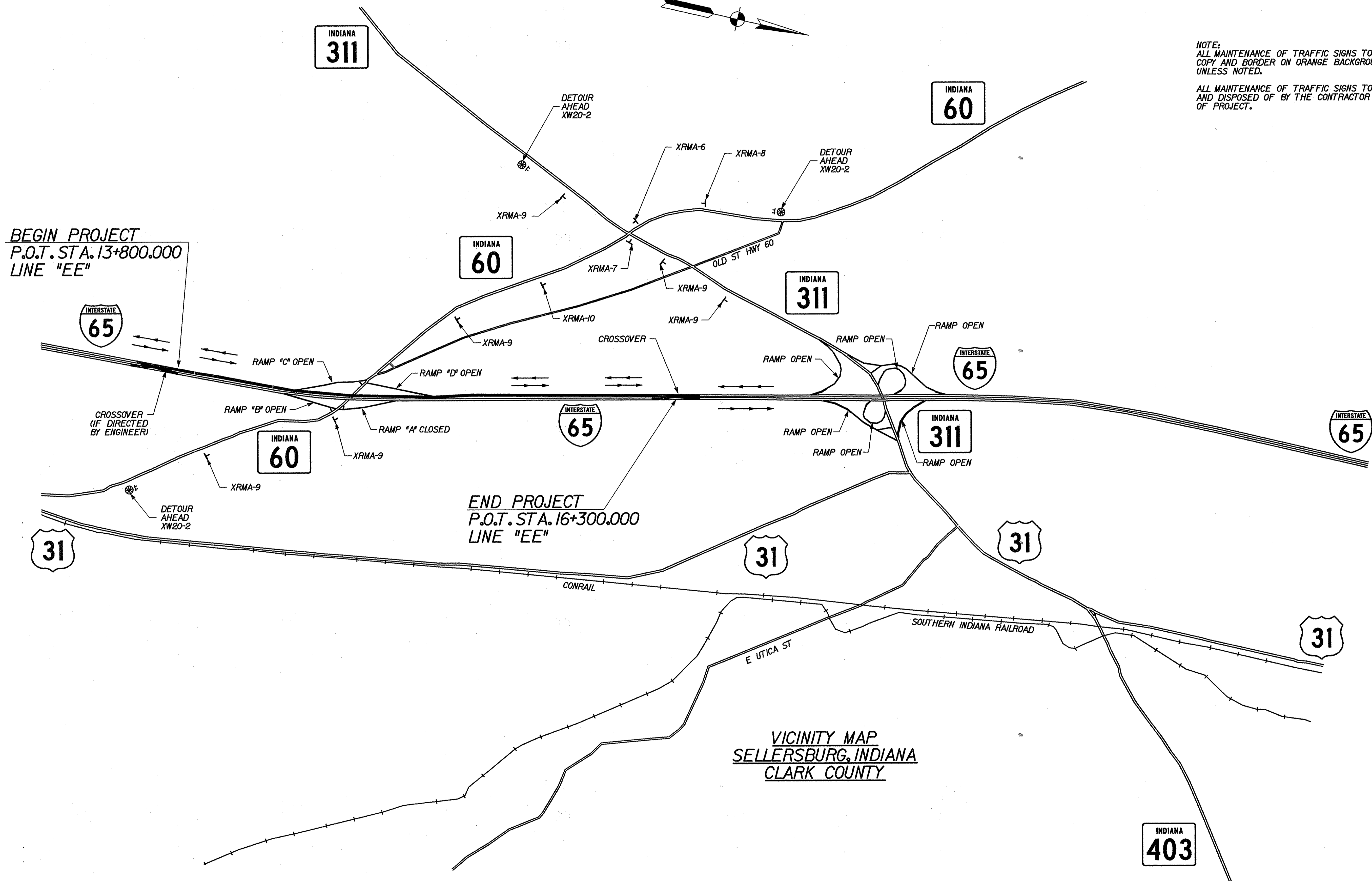


NOTE:  
 ALL MAINTENANCE OF TRAFFIC SIGNS TO BE BLACK COPY AND BORDER ON ORANGE BACKGROUND UNLESS NOTED.  
 ALL MAINTENANCE OF TRAFFIC SIGNS TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT THE END OF PROJECT.

BEGIN PROJECT  
 P.O.T. STA. 13+800.000  
 LINE "EE"

END PROJECT  
 P.O.T. STA. 16+300.000  
 LINE "EE"

VICINITY MAP  
 SELLERSBURG, INDIANA  
 CLARK COUNTY



16-MAR-2002 16:18  
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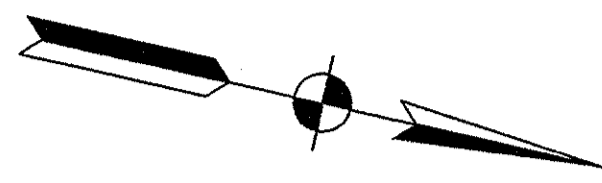


RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE  
 DESIGNED: MRU DRAWN: JES  
 CHECKED: PBS CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION  
 ADVANCE SIGNING DETAILS  
 PHASE 4A

HORIZONTAL SCALE 1"=1000'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 27 of 130
CONTRACT R-24530	PROJECT IM-65-1(140) 6



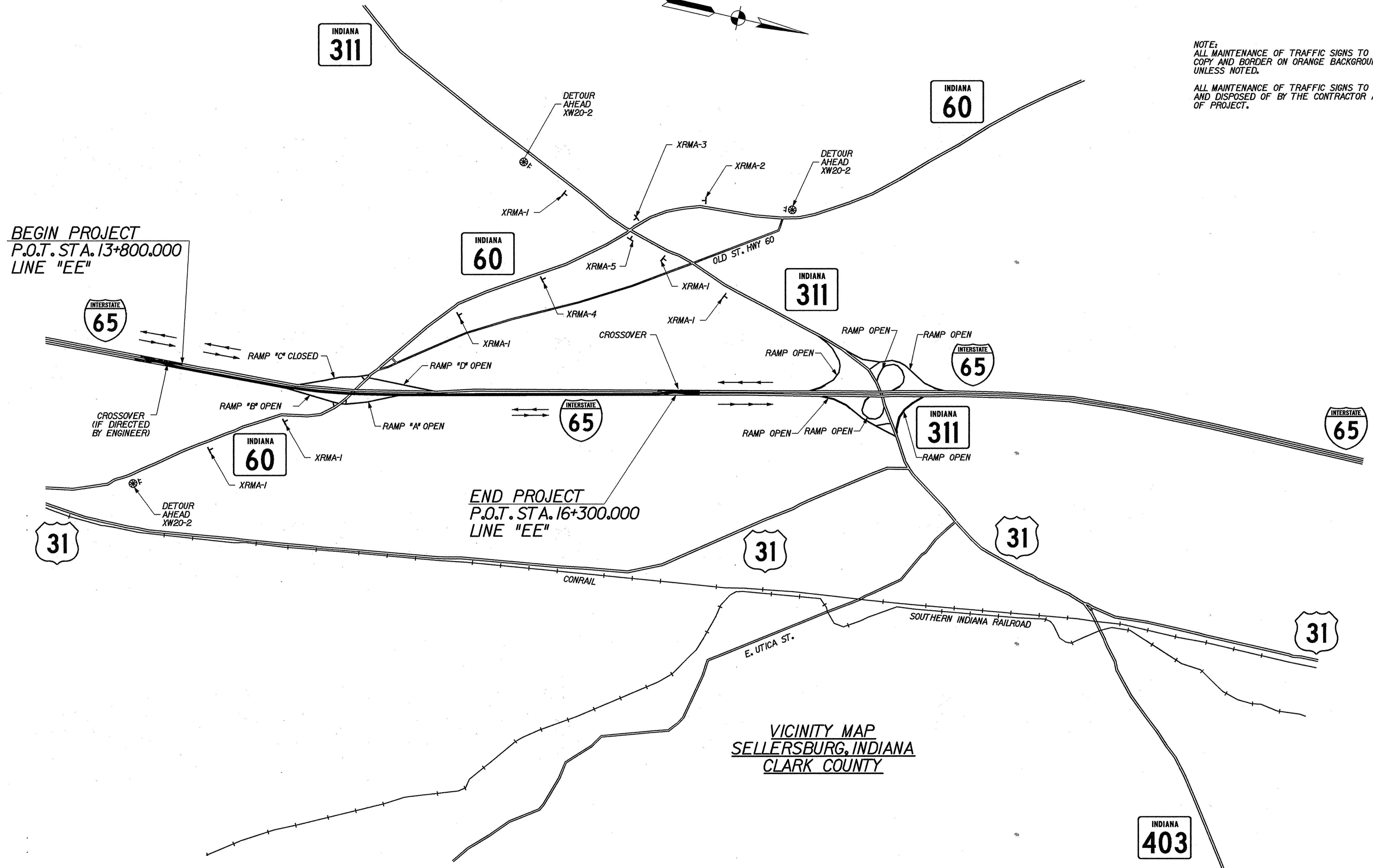


NOTE:  
 ALL MAINTENANCE OF TRAFFIC SIGNS TO BE BLACK COPY AND BORDER ON ORANGE BACKGROUND UNLESS NOTED.  
 ALL MAINTENANCE OF TRAFFIC SIGNS TO BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AT THE END OF PROJECT.

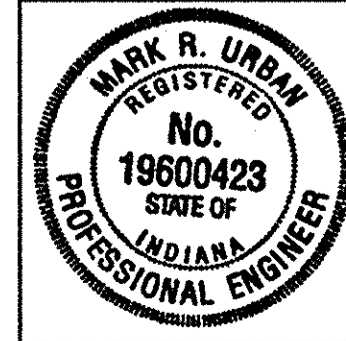
BEGIN PROJECT  
 P.O.T. STA. 13+800.000  
 LINE "EE"

END PROJECT  
 P.O.T. STA. 16+300.000  
 LINE "EE"

VICINITY MAP  
 SELLERSBURG, INDIANA  
 CLARK COUNTY



16-MAR-2002 10:24  
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RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE  
 DESIGNED: MRU DRAWN: JES  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 ADVANCED SIGNING DETAILS,  
 PHASE 4B

HORIZONTAL SCALE 1/10000	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924/965
SURVEY BOOK	SHEETS 28 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



DETOUR ROUTE MARKER ASSEMBLIES



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-3(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M6-3(S)  
525mm X 375mm

XRMA-1



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-3(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M5-1(L)(S)  
525mm X 375mm

XRMA-2



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-3(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M6-1(S)  
525mm X 375mm

XRMA-3



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-3(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M5-1(R)(S)  
525mm X 375mm

XRMA-4



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-3(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M6-1(S)  
525mm X 375mm

XRMA-5



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-1(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M6-1(S)  
525mm X 375mm

XRMA-6



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-1(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M6-1(S)  
525mm X 375mm

XRMA-7



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-1(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M5-1(L)(S)  
525mm X 375mm

XRMA-8



XM4-8  
600mm X 300mm  
M4-5(S)  
600mm X 300mm  
M3-1(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M5-1(L)(S)  
525mm X 375mm

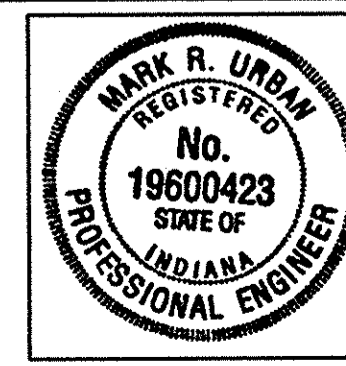
XRMA-9



XM4-8  
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M4-5(S)  
600mm X 300mm  
M3-1(S)  
600mm X 300mm  
MI-1(65)  
600mm X 600mm  
M6-1(S)  
525mm X 375mm

XRMA-10

16-MAR-2002 10:30  
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RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

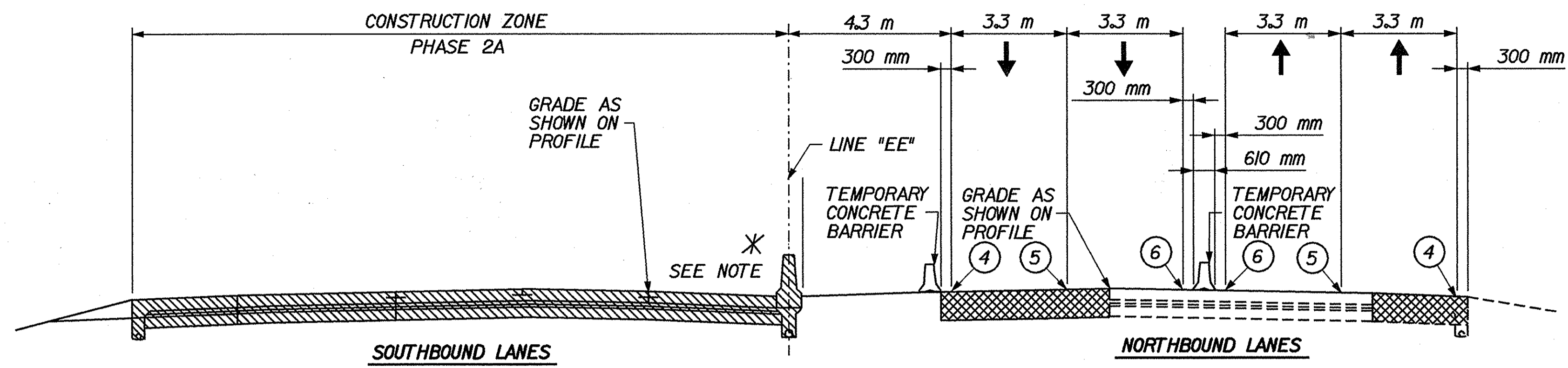
DESIGNED: MRU DRAWN: JES  
CHECKED: PBS CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION SIGNING DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1:30	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	29 of 130
CONTRACT	PROJECT
R-24550	IM-65-1(140) 6





**\*NOTES:**

PERMANENT CONCRETE MEDIAN BARRIER CONSTRUCTED:

PHASE 2A AND PHASE 2B:  
 STA. 13+800 "EE" TO STA. 14+100 "EE"  
 STA. 14+500 "EE" TO STA. 15+040 "EE"  
 STA. 15+325 "EE" TO STA. 15+636 "EE"  
 STA. 15+646 "EE" TO STA. 16+300 "EE"

PHASE 4A:  
 STA. 14+100 "EE" TO STA. 14+150 "EE"  
 STA. 14+375 "EE" TO STA. 14+500 "EE"  
 STA. 15+040 "EE" TO STA. 15+250 "EE"

PHASE 4B:  
 STA. 14+225 "EE" TO STA. 14+375 "EE"

CONCRETE MEDIAN BARRIER TO BE CONSTRUCTED AFTER ALL RAMP ARE COMPLETED IN PHASE 4B:

STA. 14+150 "EE" TO STA. 14+225 "EE"  
 STA. 15+250 "EE" TO STA. 15+325 "EE"

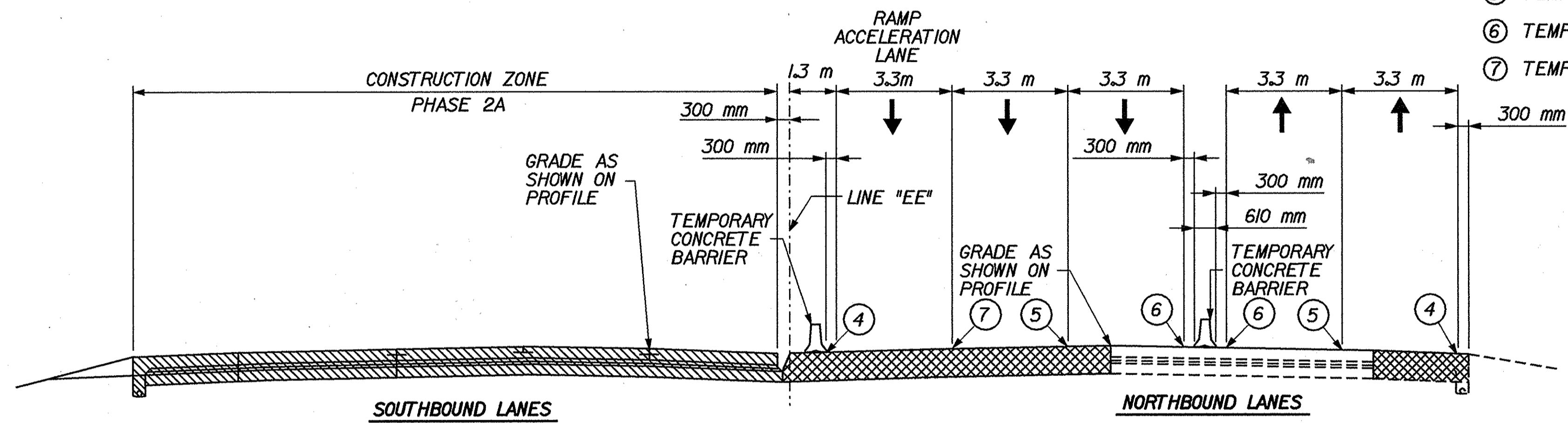
STA. 15+636 "EE" TO STA. 15+646 "EE" BY OTHERS

**MAINTENANCE OF TRAFFIC I-65 - PHASE 2A**

STA. 13+800.000 RT."EE" TO STA. 14+942.000 RT."EE"  
 STA. 15+180.000 RT."EE" TO STA. 16+300.000 RT."EE"  
 STA. 13+800.000 LT."EE" TO STA. 14+190.000 LT."EE"  
 STA. 14+400.000 LT."EE" TO STA. 16+300.000 LT."EE"

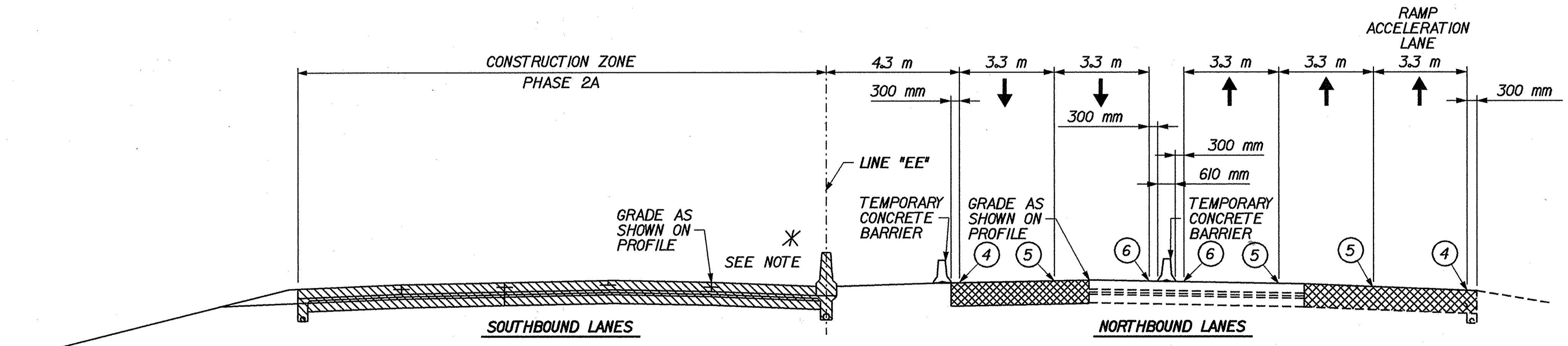
**LEGEND**

- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
- CONSTRUCTION AREA
  - TEMPORARY PAVEMENT



**MAINTENANCE OF TRAFFIC I-65 - PHASE 2A**

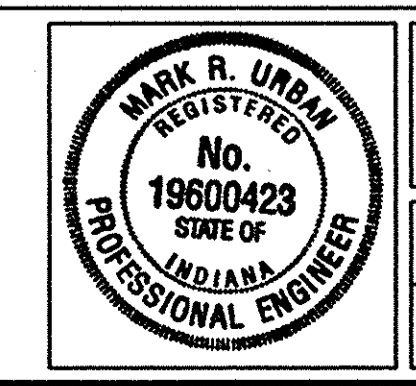
STA. 14+190.000 LT."EE" TO STA. 14+400.000 LT."EE"



**MAINTENANCE OF TRAFFIC I-65 - PHASE 2A**

STA. 14+942.000 RT."EE" TO STA. 15+180.000 RT."EE"

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RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

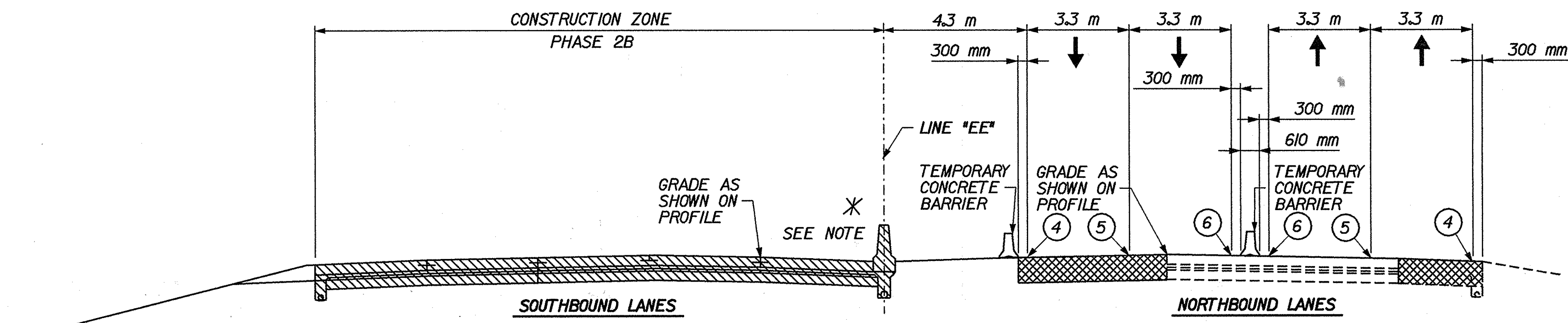
DESIGNED: MRU DRAWN: JES  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
 TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	30 of 130
CONTRACT	PROJECT
R-24550	IM-65-1 (140) 6





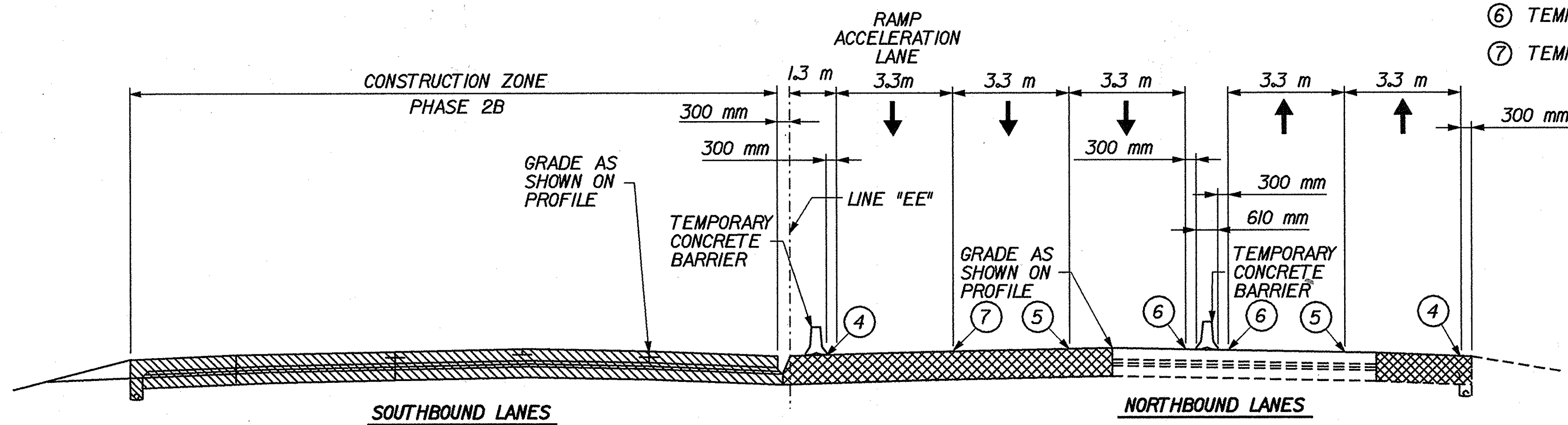
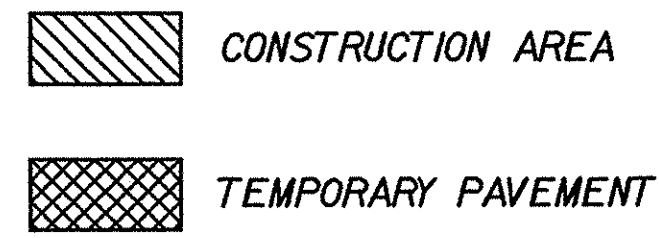
**\*NOTES:**  
 PERMANENT CONCRETE MEDIAN BARRIER CONSTRUCTED:  
 PHASE 2A AND PHASE 2B:  
 STA. 13+800 "EE" TO STA. 14+100 "EE"  
 STA. 14+500 "EE" TO STA. 15+040 "EE"  
 STA. 15+325 "EE" TO STA. 15+636 "EE"  
 STA. 15+646 "EE" TO STA. 16+300 "EE"  
 PHASE 4A:  
 STA. 14+100 "EE" TO STA. 14+150 "EE"  
 STA. 14+375 "EE" TO STA. 14+500 "EE"  
 STA. 15+040 "EE" TO STA. 15+250 "EE"  
 PHASE 4B:  
 STA. 14+225 "EE" TO STA. 14+375 "EE"  
 CONCRETE MEDIAN BARRIER TO BE CONSTRUCTED AFTER ALL RAMPS ARE COMPLETED IN PHASE 4B:  
 STA. 14+150 "EE" TO STA. 14+225 "EE"  
 STA. 15+250 "EE" TO STA. 15+325 "EE"  
 STA. 15+636 "EE" TO STA. 15+646 "EE" BY OTHERS

**MAINTENANCE OF TRAFFIC I-65 - PHASE 2B**

STA. 13+800.000 LT."EE" TO STA. 14+100.000 LT."EE"  
 STA. 14+283.000 LT."EE" TO STA. 16+300.000 LT."EE"  
 STA. 13+800.000 RT."EE" TO STA. 14+942.000 RT."EE"  
 STA. 15+180.000 RT."EE" TO STA. 16+300.000 RT."EE"

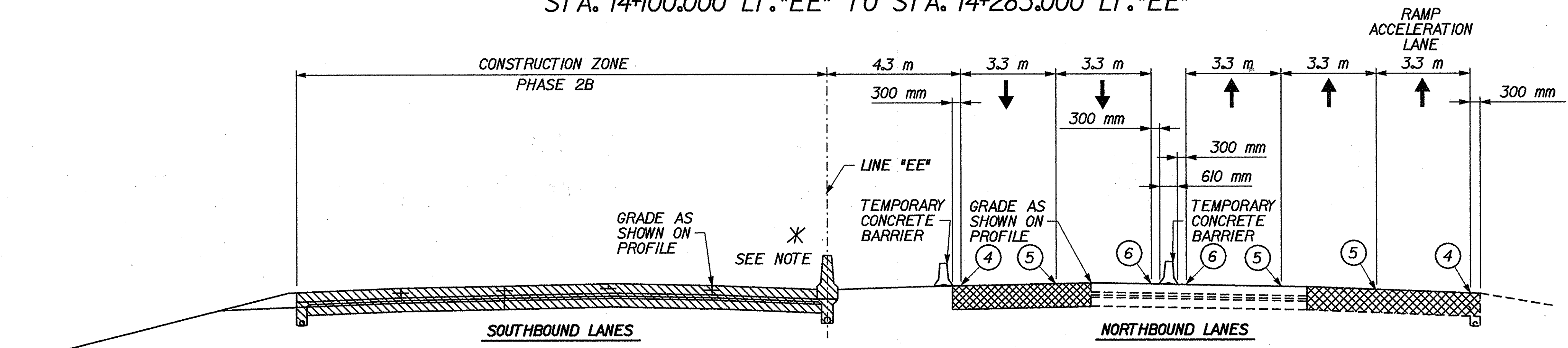
**LEGEND**

- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
- ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
- ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
- ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE



**MAINTENANCE OF TRAFFIC I-65 - PHASE 2B**

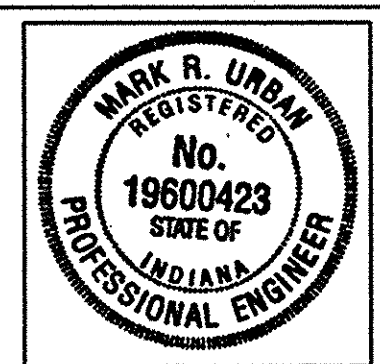
STA. 14+100.000 LT."EE" TO STA. 14+283.000 LT."EE"



**MAINTENANCE OF TRAFFIC I-65 - PHASE 2B**

STA. 14+942.000 RT."EE" TO STA. 15+180.000 RT."EE"

16-MAR-2002 10:42 AM r:\transp\27606\13\vd\acc3\mcd\01.dgn



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

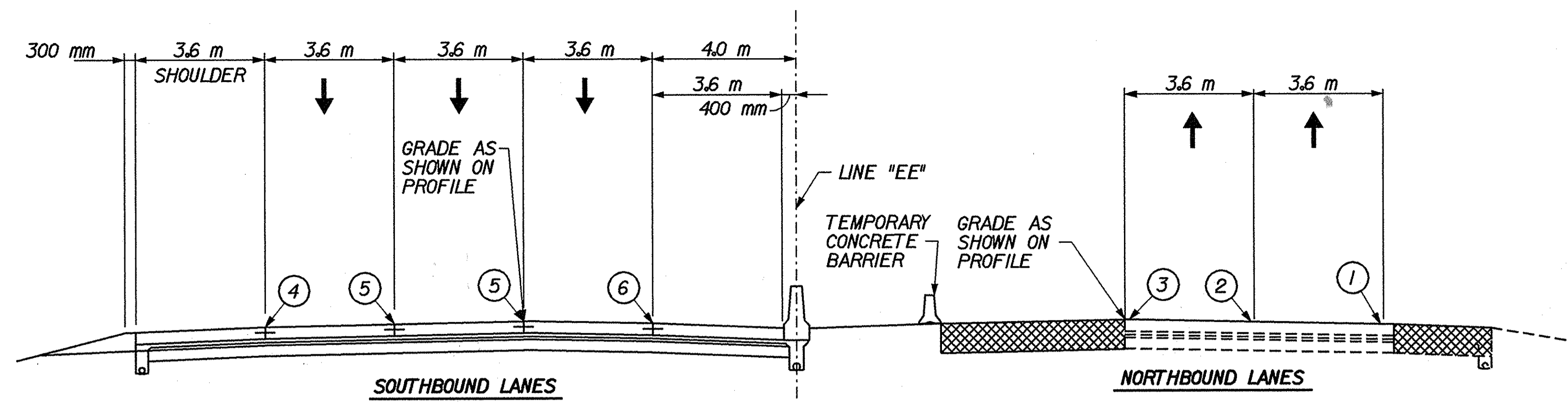
DESIGNED: MRU DRAWN: JES  
 CHECKED: PBS CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1/400	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	31 of 130
CONTRACT	PROJECT
R-24550	IM-65-1(140) 6





**MAINTENANCE OF TRAFFIC I-65: PHASE 3 (WINTER CONSTRUCTION)**

STA. 13+800.000 "EE" TO STA. 16+300.000 "EE"

**\*NOTES:**

PERMANENT CONCRETE MEDIAN BARRIER CONSTRUCTED:

PHASE 2A AND PHASE 2B:  
 STA. 13+800 "EE" TO STA. 14+100 "EE"  
 STA. 14+500 "EE" TO STA. 15+040 "EE"  
 STA. 15+325 "EE" TO STA. 15+636 "EE"  
 STA. 15+646 "EE" TO STA. 16+300 "EE"

PHASE 4A:  
 STA. 14+100 "EE" TO STA. 14+150 "EE"  
 STA. 14+375 "EE" TO STA. 14+500 "EE"  
 STA. 15+040 "EE" TO STA. 15+250 "EE"

PHASE 4B:  
 STA. 14+225 "EE" TO STA. 14+375 "EE"

CONCRETE MEDIAN BARRIER TO BE CONSTRUCTED AFTER ALL RAMP ARE COMPLETED IN PHASE 4B:

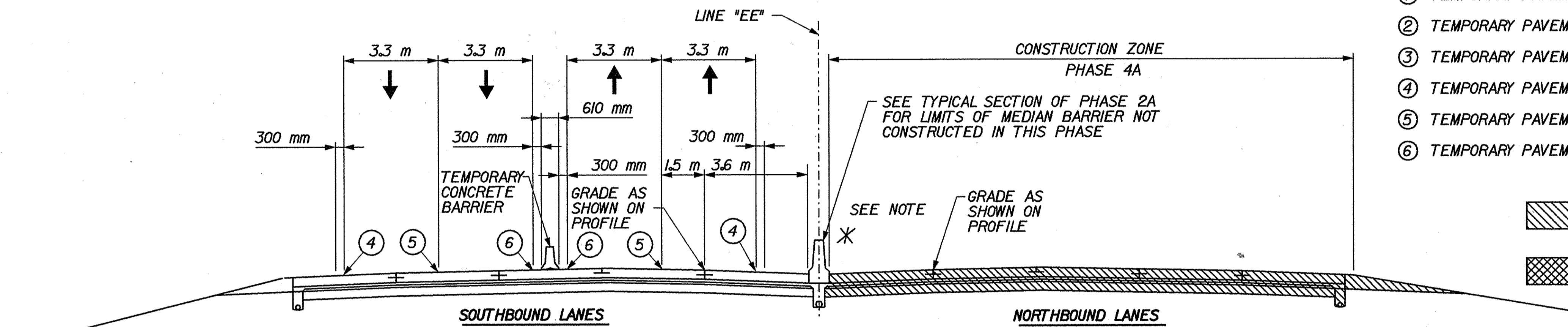
STA. 14+150 "EE" TO STA. 14+225 "EE"  
 STA. 15+250 "EE" TO STA. 15+325 "EE"

STA. 15+636 "EE" TO STA. 15+646 "EE" BY OTHERS

**LEGEND**

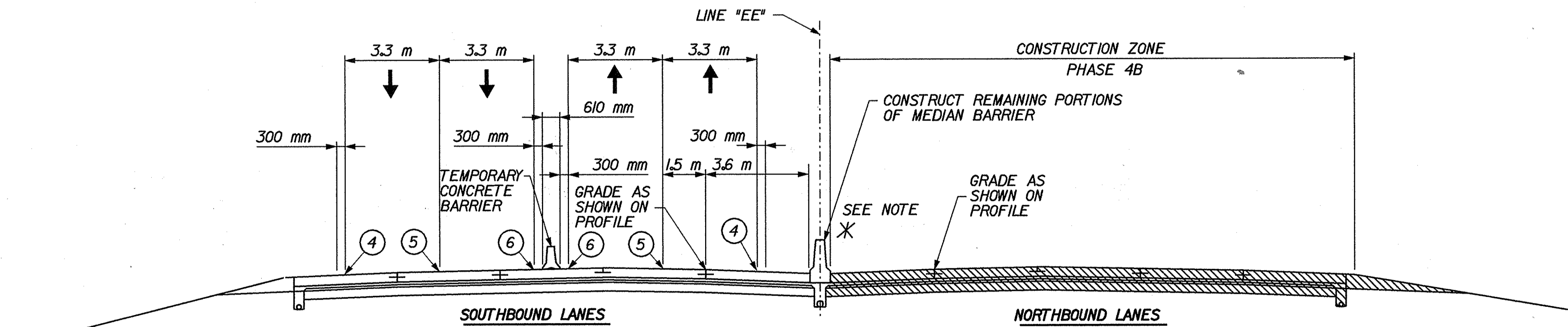
- ① TEMPORARY PAVEMENT MARKING, 100 mm, SOLID WHITE
- ② TEMPORARY PAVEMENT MARKING, 100 mm, BROKEN WHITE
- ③ TEMPORARY PAVEMENT MARKING, 100 mm, SOLID YELLOW
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
- ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
- ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW

- CONSTRUCTION AREA
- TEMPORARY PAVEMENT



**MAINTENANCE OF TRAFFIC I-65: PHASE 4A**

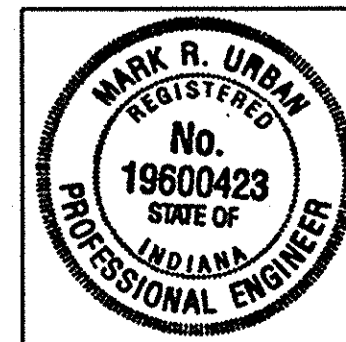
STA. 13+800.000 "EE" TO STA. 16+300.000 "EE"



**MAINTENANCE OF TRAFFIC I-65: PHASE 4B**

STA. 13+800.000 "EE" TO STA. 16+300.000 "EE"

16-MAR-2002 10:50 T:\TRANSP\27606\103\046\3\mxc01.dgn

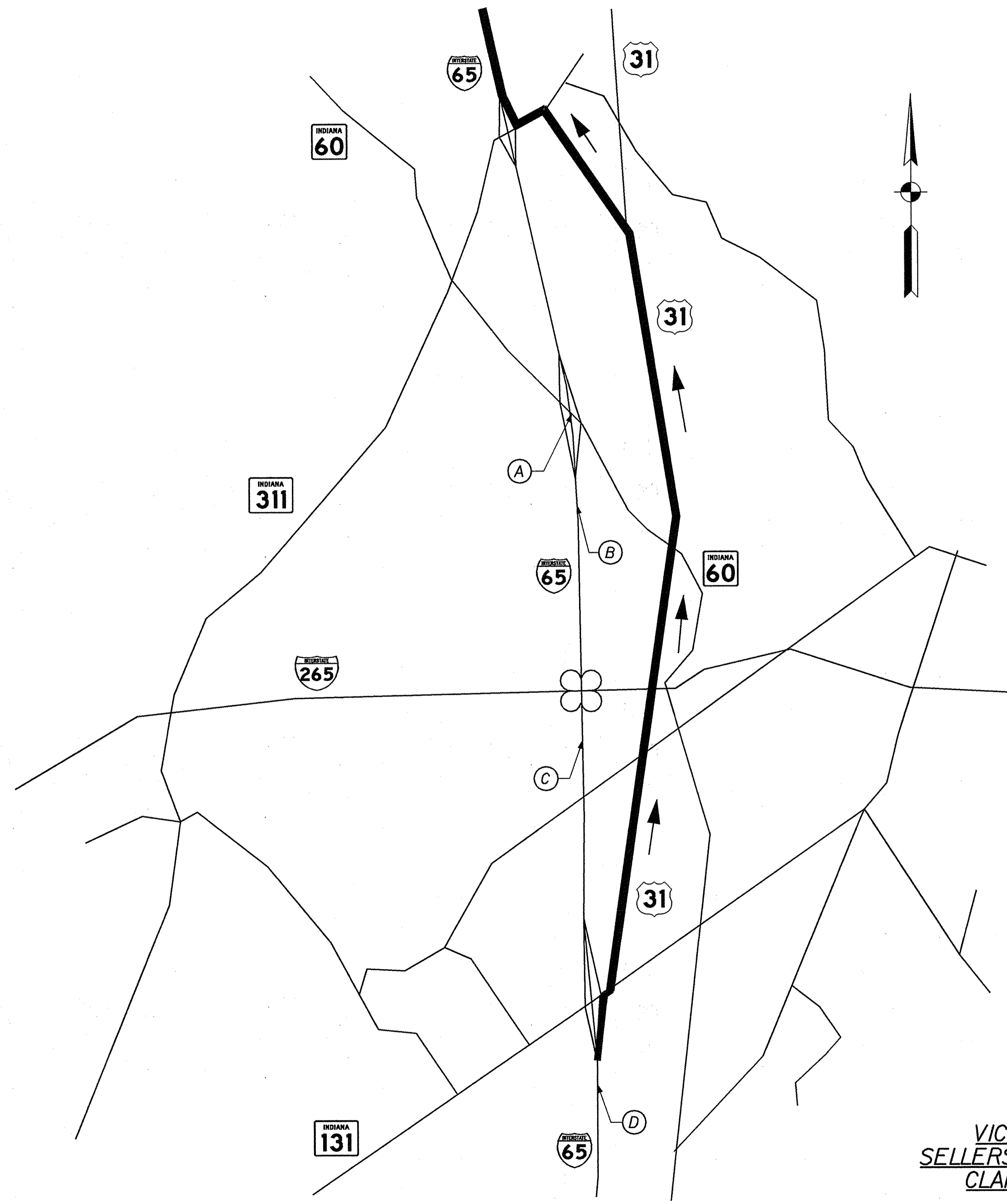


RECOMMENDED FOR APPROVAL	<i>Mark R. Urban</i>	3/22/02
DESIGNED:	MRU	DRAWN: JES
CHECKED:	PBS	CHECKED: MRU

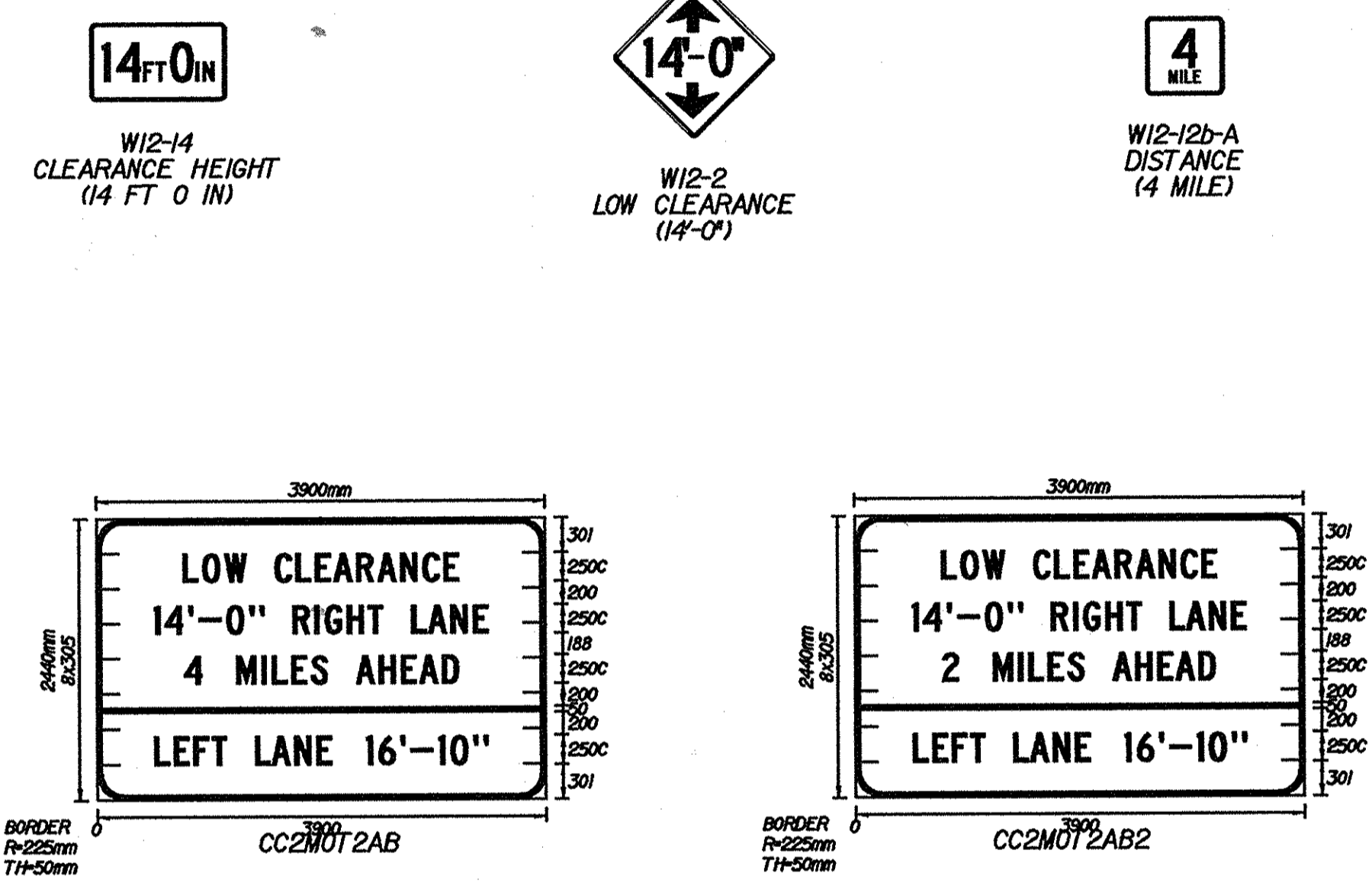
INDIANA DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE OF TRAFFIC TYPICAL CROSS SECTIONS**

HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	32 of 130
CONTRACT	PROJECT
R-24550	IM-65-1(140) 6



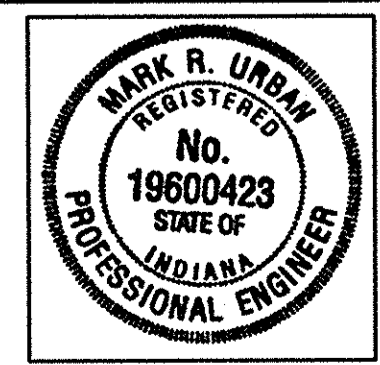


VICINITY MAP  
SELLERSBURG, INDIANA  
CLARK COUNTY



- LEGEND**
- ← POTENTIAL ROUTE FOR OVERSIZE VEHICLES TO BE UTILIZED IN PHASE 2A AND PHASE 2B
  - (A) CLEARANCE POSTED ON OVERPASS (W12-14)
  - (B) LOW CLEARANCE POSTED IN ADVANCE OF OVERPASS (W12-2)
  - (C) LOW CLEARANCE PANEL SIGN POSTED (CC2MOT2AB2)
  - (D) LOW CLEARANCE PANEL SIGN, LOW CLEARANCE, AND DISTANCE POSTED PRIOR TO U.S. 31 EXIT (CC2MOT2AB, W12-2 AND W12-12b-A)

16-MAR-2002 10:55 T:\TRANSP\27606\130\3\lmswr.dgn



RECOMMENDED FOR APPROVAL	<i>Mark R. Ullman</i>	DATE	3/26/02
DESIGNED:	JMN	DRAWN:	JMN
CHECKED:	MRU	CHECKED:	MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC  
SR 60 - BRIDGE CLEARANCE

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	33 of 130
CONTRACT	PROJECT
R-24550	IM-65-1 (140) 6



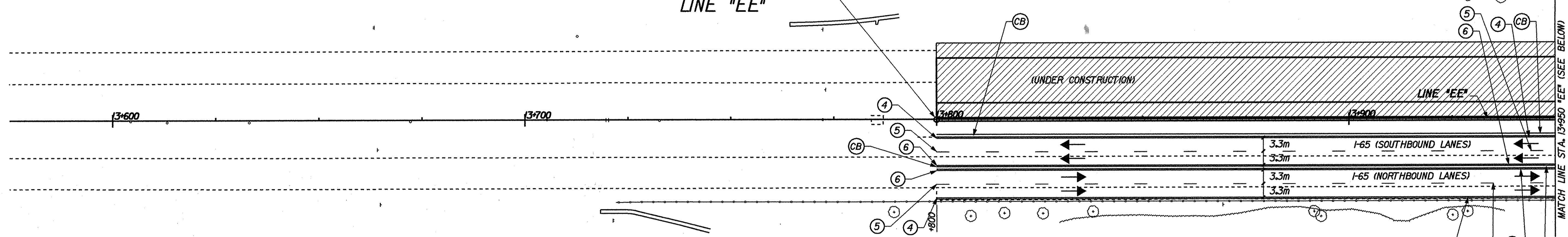
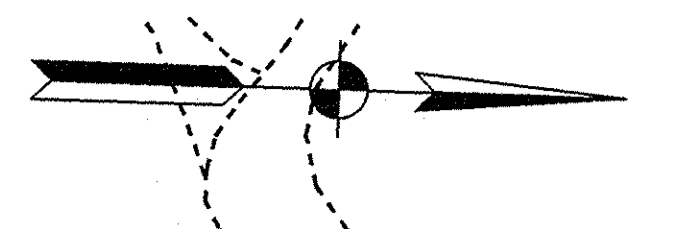
13+600

13+700

13+800

13+900

BEGIN PROJECT  
STA. 13+800.000  
LINE "EE"



- LEGEND**
- ⊥ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

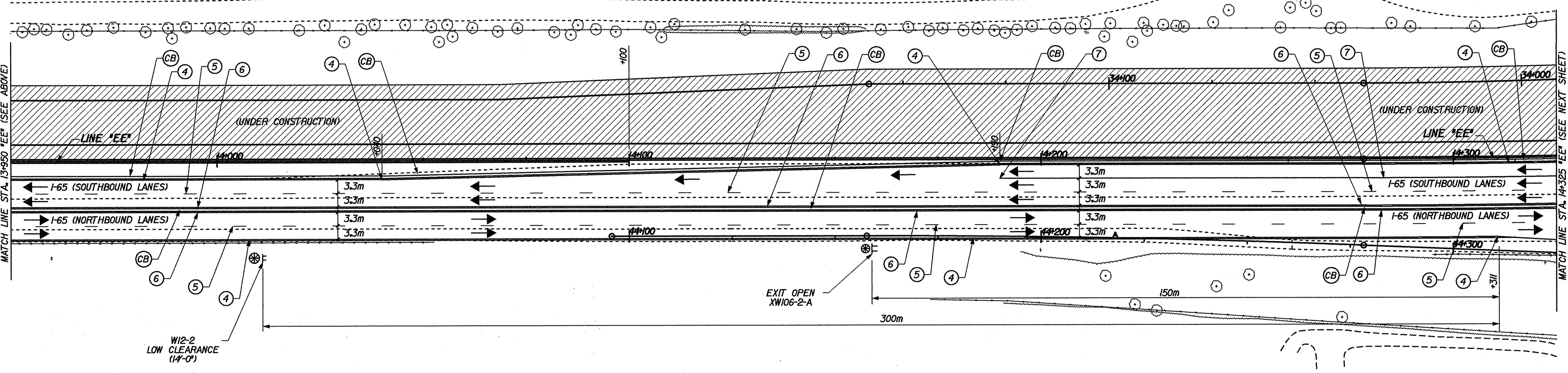
- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⓐ TEMPORARY CONCRETE BARRIER

14+000

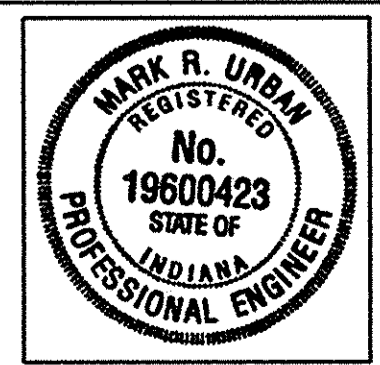
14+100

14+200

14+300



16-MAR-2002 15:02  
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RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

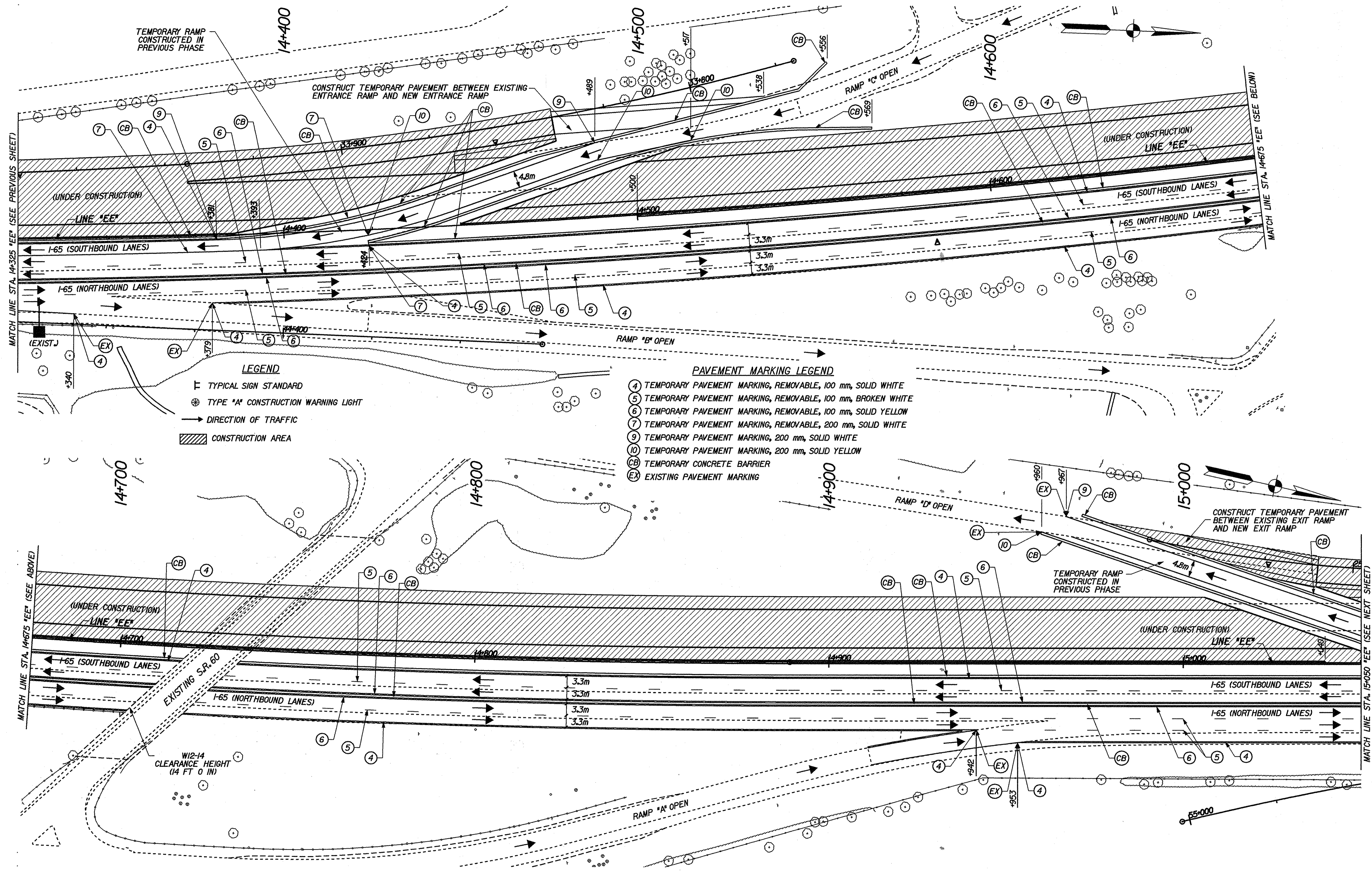
DESIGNED: JES/JMM DRAWN: JES/JMM  
CHECKED: PBS CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
PHASE 2A

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924965
SURVEY BOOK	SHEETS 34 of 130
CONTRACT R-24550	PROJECT IM-65-1(14) 6





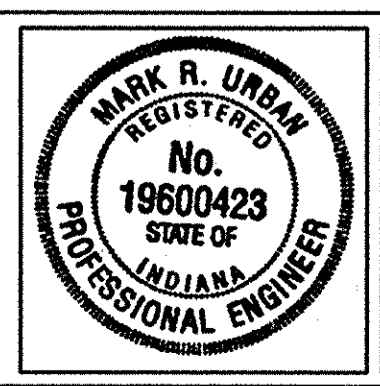
**LEGEND**

- ⊥ TYPICAL SIGN STANDARD
- ⊙ TYPE "A" CONSTRUCTION WARNING LIGHT
- DIRECTION OF TRAFFIC
- ▨ CONSTRUCTION AREA

**PAVEMENT MARKING LEGEND**

- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
- ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
- ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
- ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
- ⑨ TEMPORARY PAVEMENT MARKING, 200 mm, SOLID WHITE
- ⑩ TEMPORARY PAVEMENT MARKING, 200 mm, SOLID YELLOW
- ⓐ TEMPORARY CONCRETE BARRIER
- Ⓧ EXISTING PAVEMENT MARKING

16-MAR-2002 10:09  
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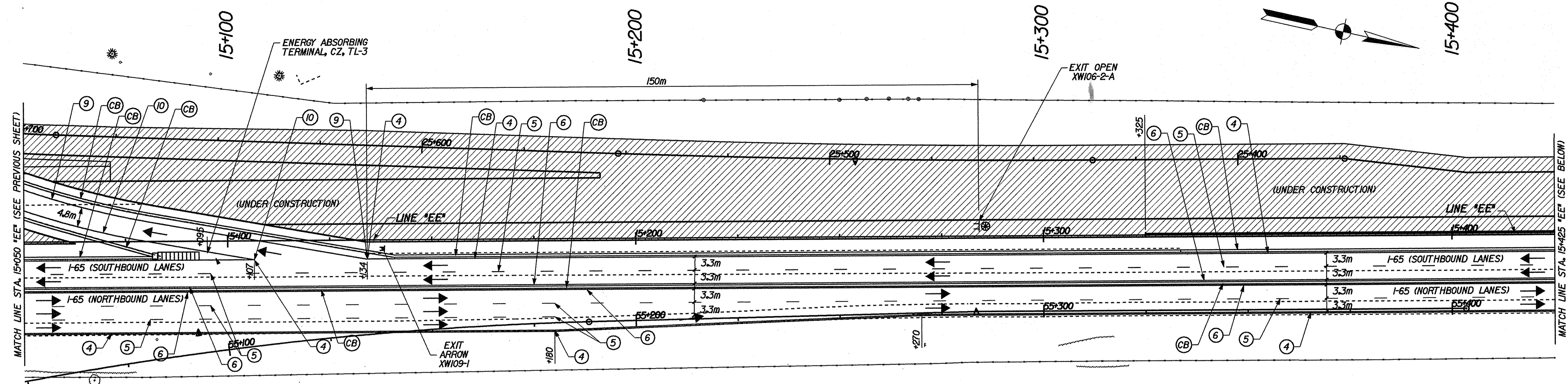


RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE  
 DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2A

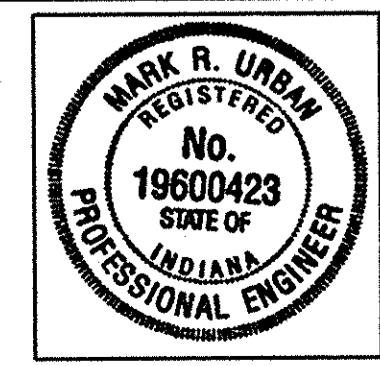
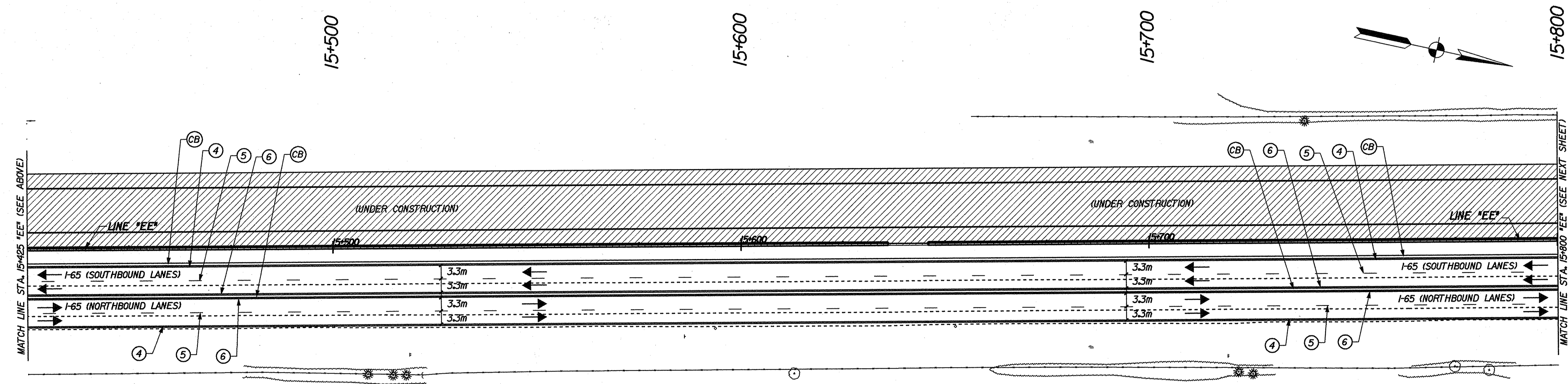
HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	35 of 130
CONTRACT	PROJECT
R-24550	IM-65-1 (140) 6





- LEGEND**
- ⊥ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑨ TEMPORARY PAVEMENT MARKING, 200 mm, SOLID WHITE
  - ⑩ TEMPORARY PAVEMENT MARKING, 200 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMW DRAWN: JES/JMW  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2A

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924965
SURVEY BOOK	SHEETS 36 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

15+425-2002 1945  
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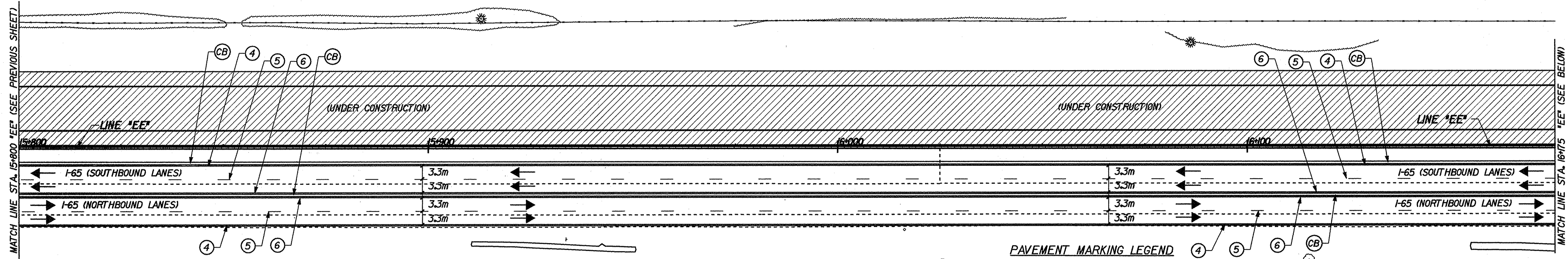
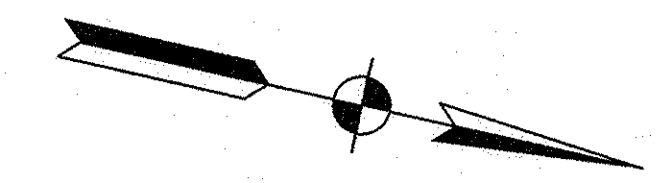


15+800

15+900

16+000

16+100



- LEGEND**
- ⊥ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA
  - ▬ TYPE III-B BARRICADE
  - PAVEMENT MARKING REMOVAL

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER
  - EX EXISTING PAVEMENT MARKING

16+200

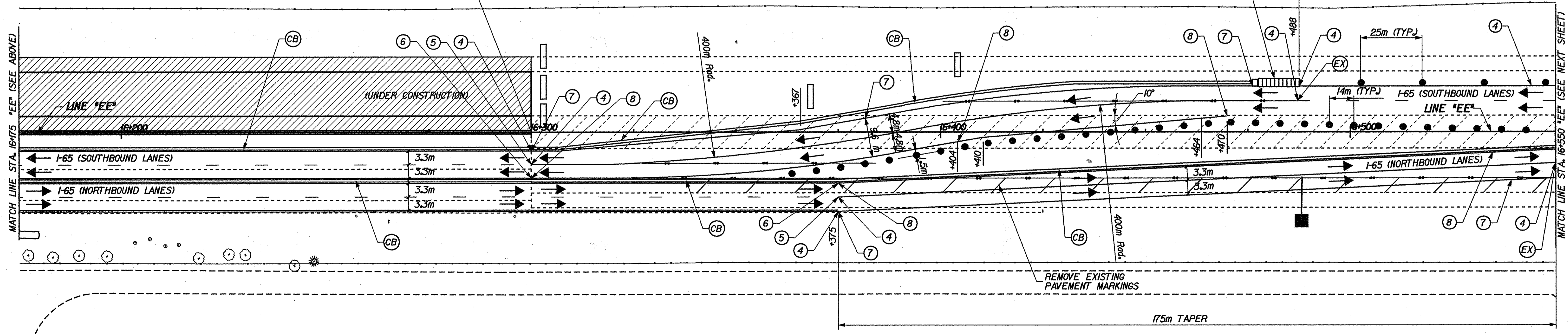
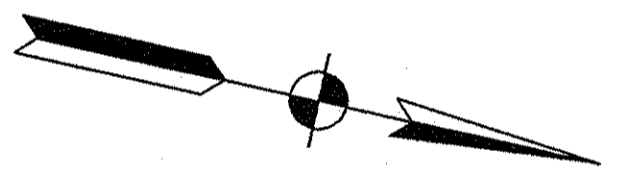
END PROJECT STA. 16+300.000 LINE "EE"

16+300

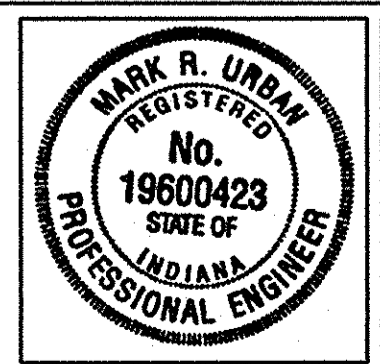
CENTERLINE CROSSOVER STA. 16+381.000

16+400

16+500



16-MAR-2002 10:21  
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DESIGN ENGINEER DATE

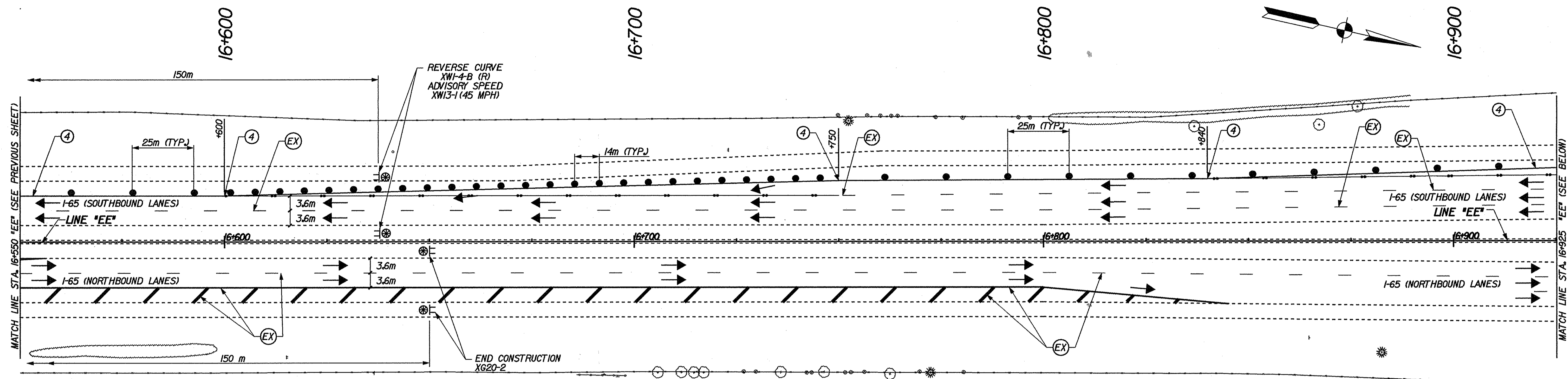
DESIGNED: JES/JMW DRAWN: JES/JMW  
CHECKED: PBS CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
PHASE 2A

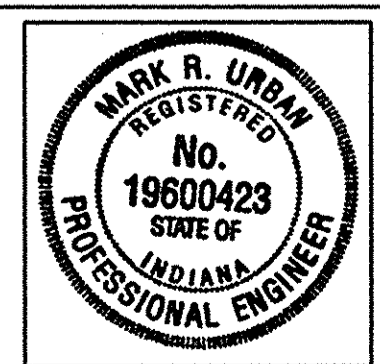
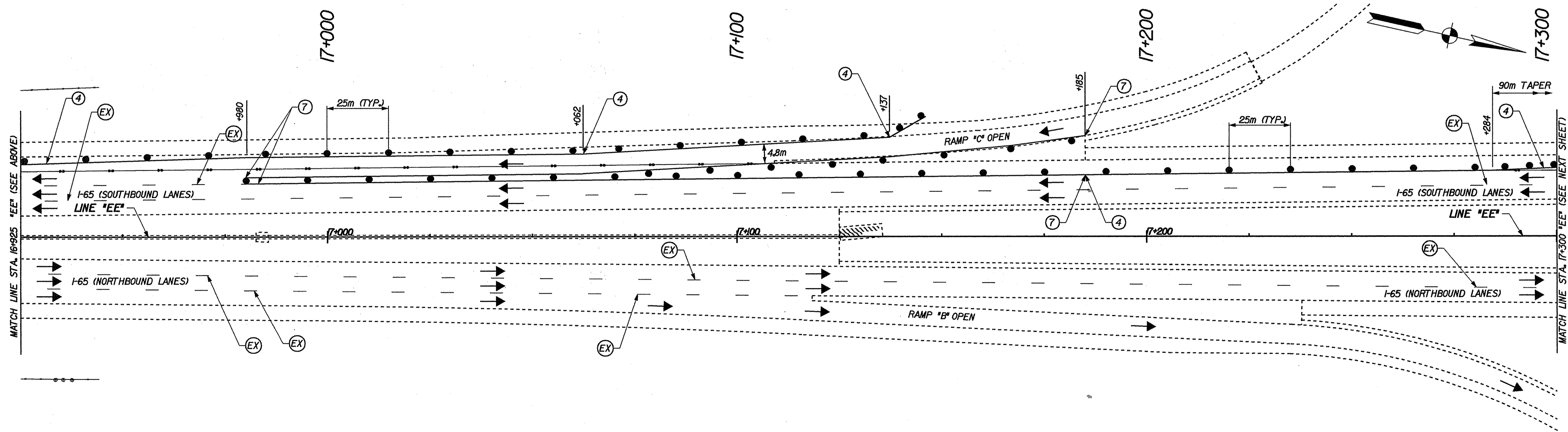
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 37 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6





- LEGEND**
- TYPICAL SIGN STANDARD
  - ⊕ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ↔ PAVEMENT MARKING REMOVAL

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⓧ EXISTING PAVEMENT MARKING



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

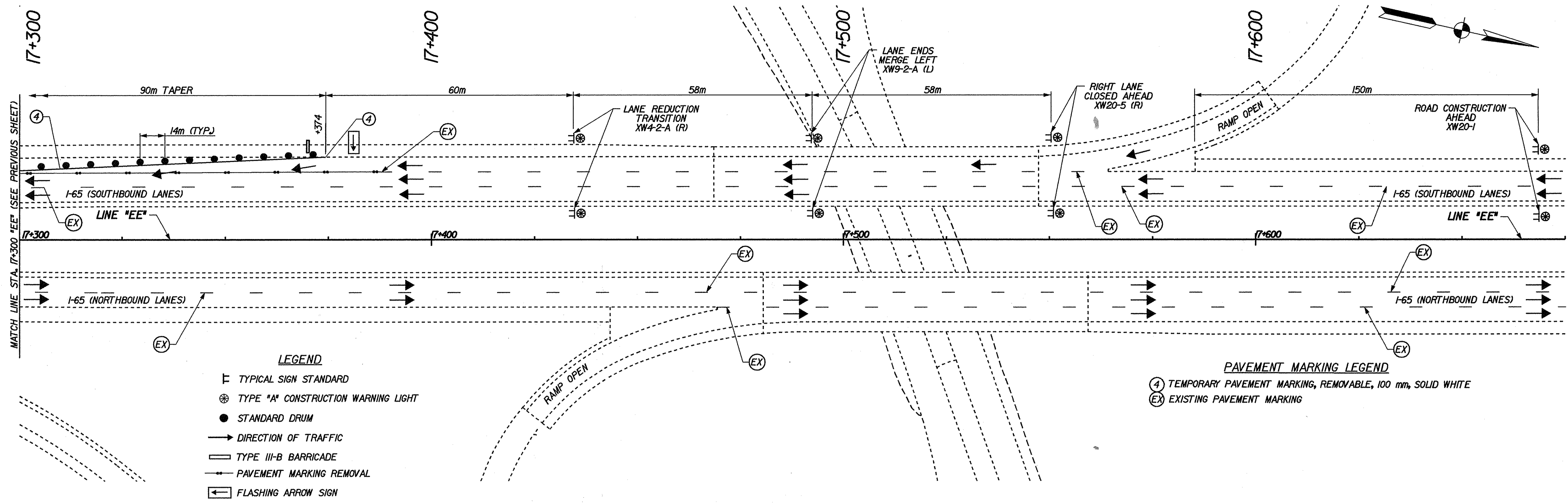
INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2A

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924/965
SURVEY BOOK	SHEETS 38 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

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- LEGEND**
- ▭ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▬ TYPE III-B BARRICADE
  - PAVEMENT MARKING REMOVAL
  - ⬅ FLASHING ARROW SIGN

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - EX EXISTING PAVEMENT MARKING

16-MAR-2002 10:33  
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RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2A

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 39 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



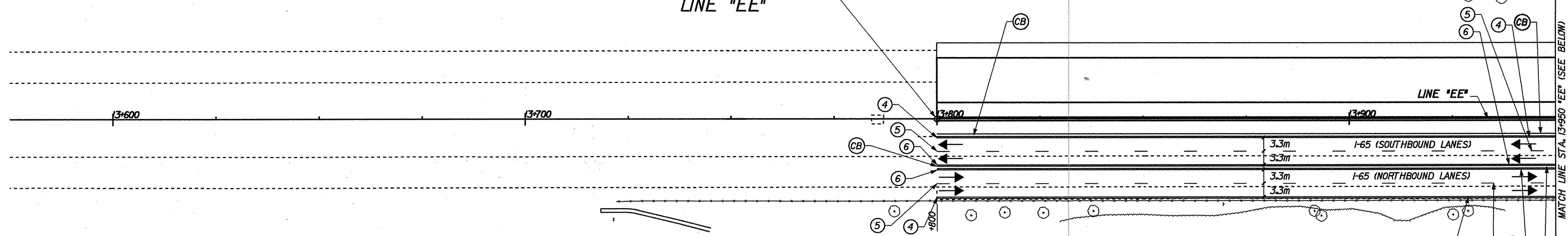
13+600

13+700

13+800

13+900

BEGIN PROJECT  
STA. 13+800.000  
LINE "EE"



- LEGEND**
- ⊞ TYPICAL SIGN STANDARD
  - STANDARD DRUM
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

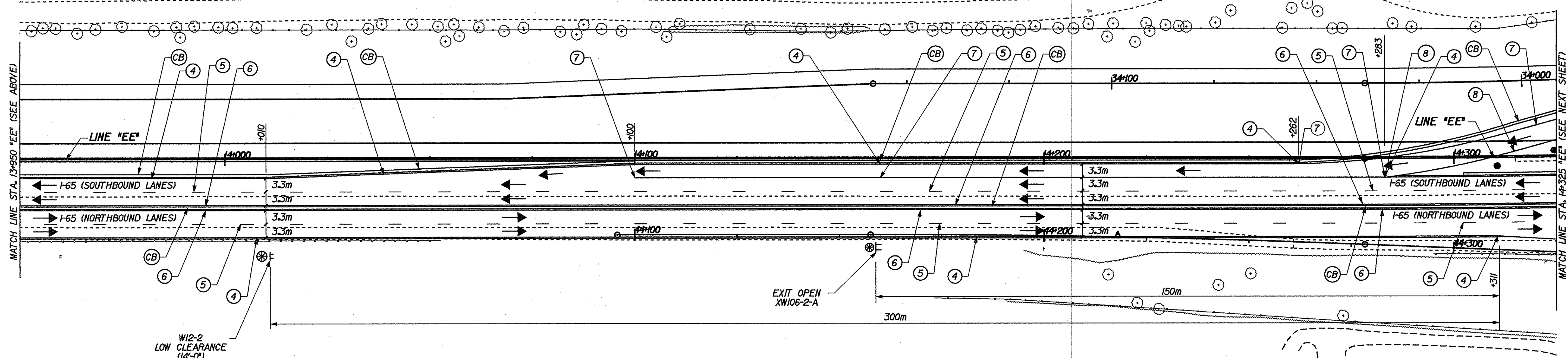
- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - ⓐ TEMPORARY CONCRETE BARRIER

14+000

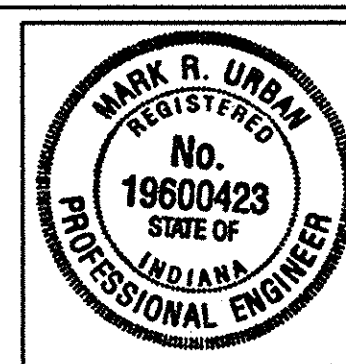
14+100

14+200

14+300



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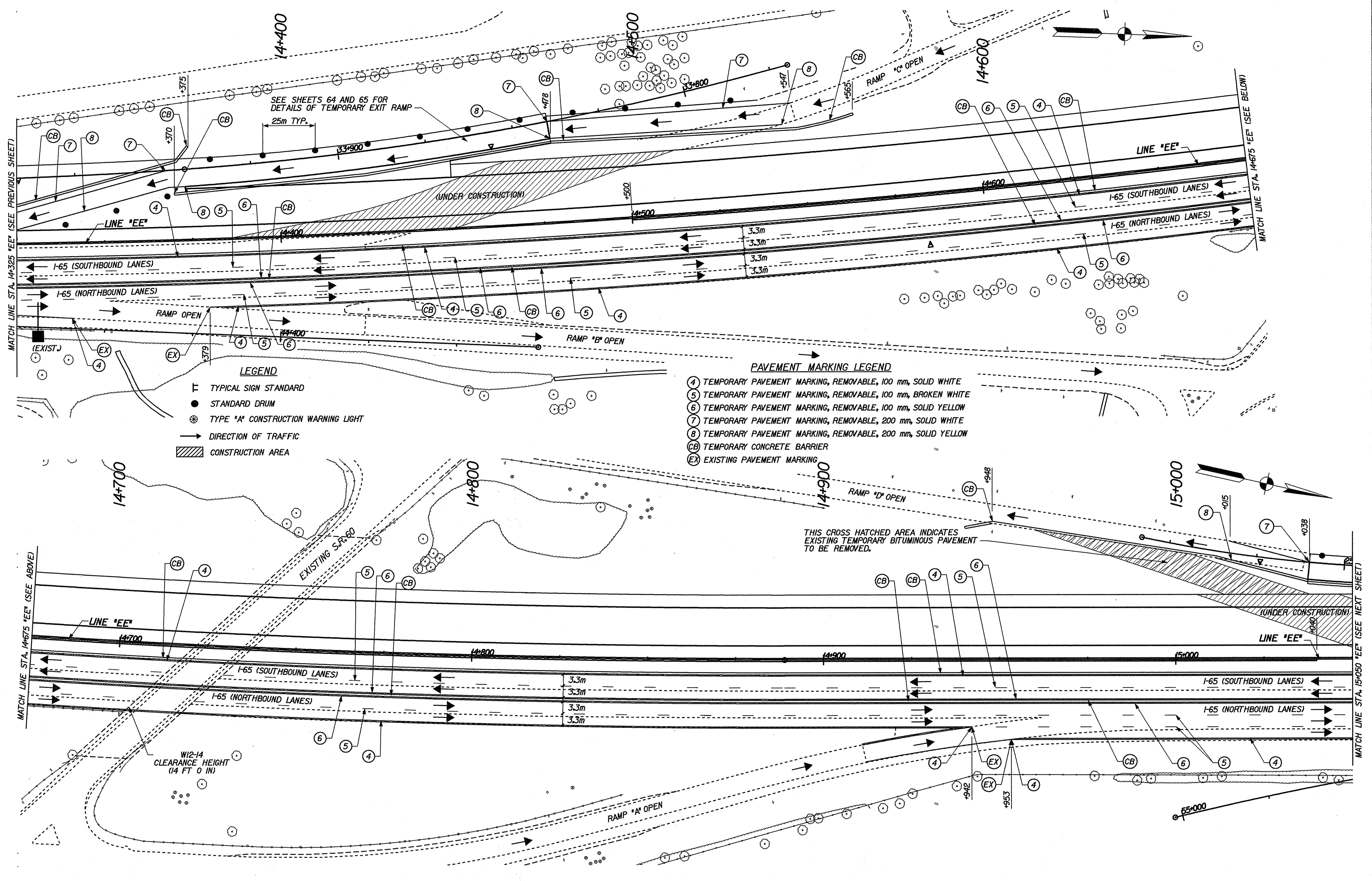
RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/28/02  
DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
CHECKED: PBS CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
PHASE 2B

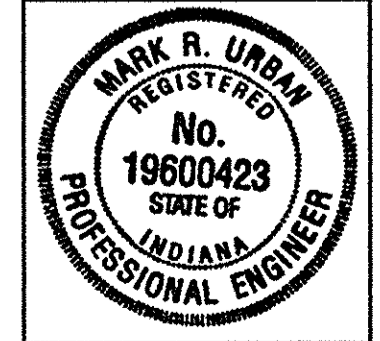
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241865
SURVEY BOOK	SHEETS 40 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



- LEGEND**
- ⊥ TYPICAL SIGN STANDARD
  - STANDARD DRUM
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER
  - EX EXISTING PAVEMENT MARKING

16-MAR-2002 10:54 T:\TRANSP\27606\103\del\acc3m302.dgn



RECOMMENDED FOR APPROVAL *Mark R. Urban 3/2/02*  
 DESIGN ENGINEER DATE

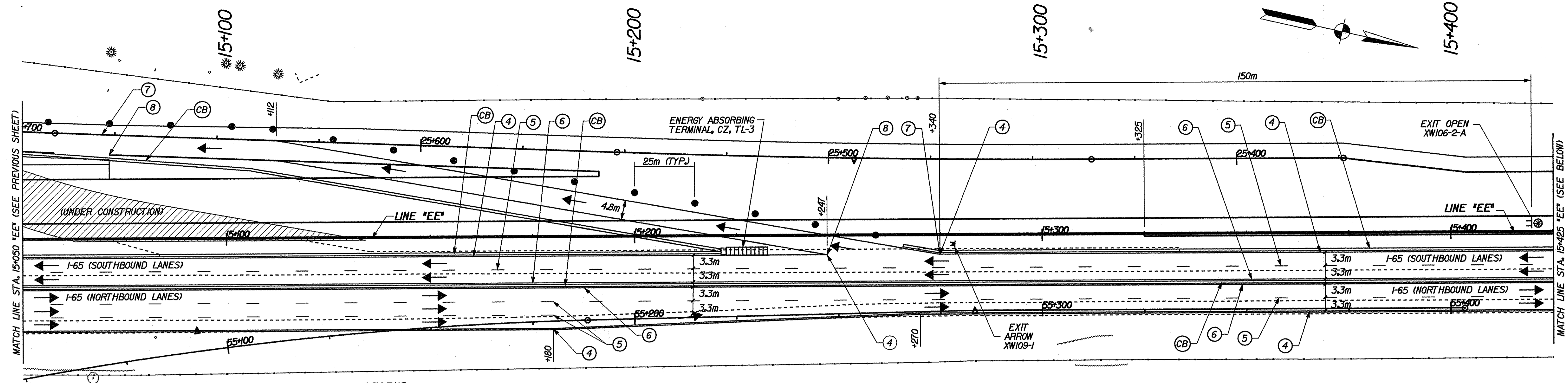
DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2B

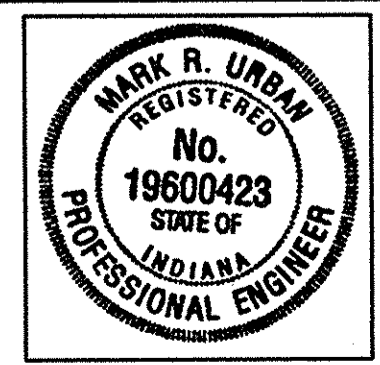
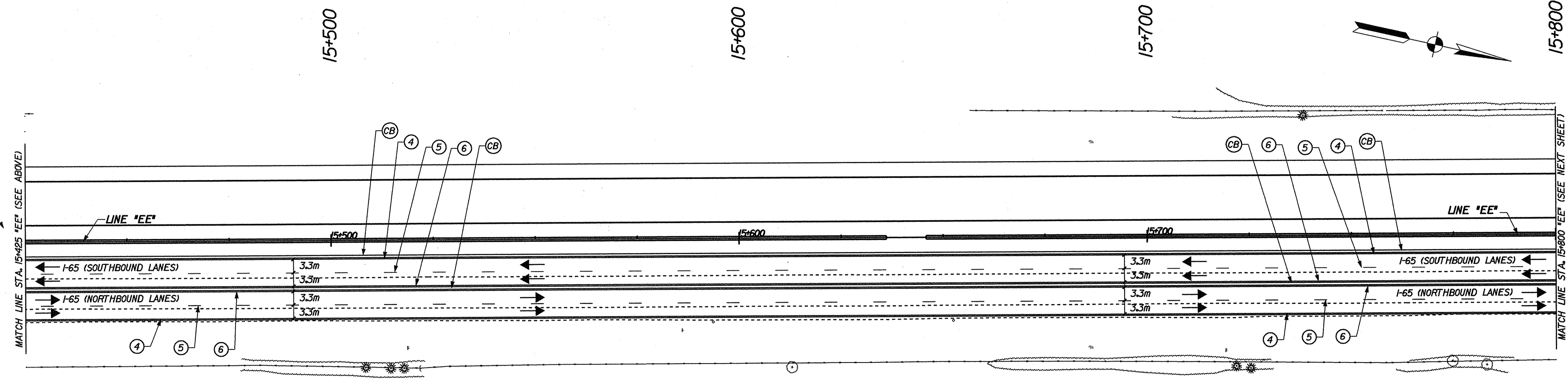
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924/965
SURVEY BOOK	SHEETS 41 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6





- LEGEND**
- ⊥ TYPICAL SIGN STANDARD
  - ⊙ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/62  
 DESIGN ENGINEER DATE

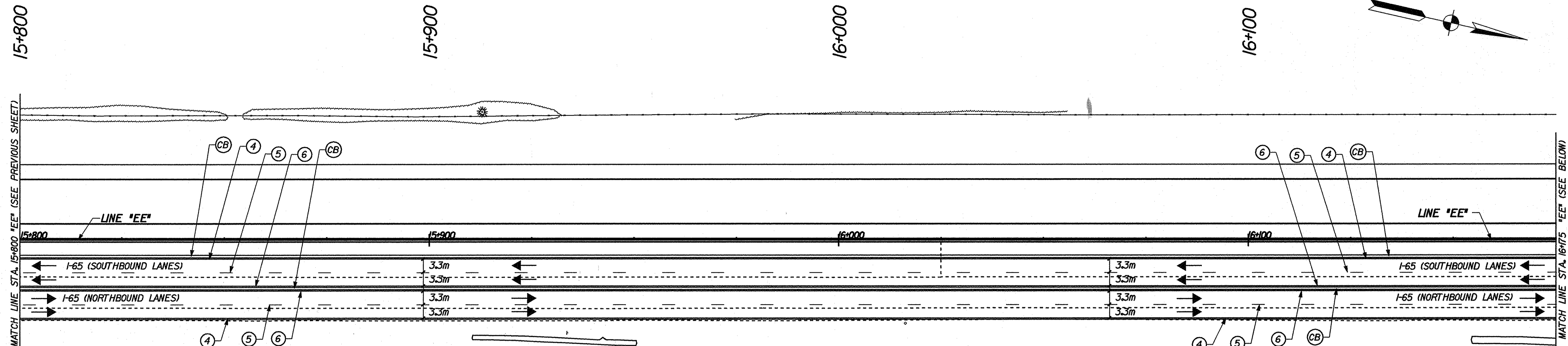
DESIGNED: JES/JMN DRAWN: JES/JMN  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2B

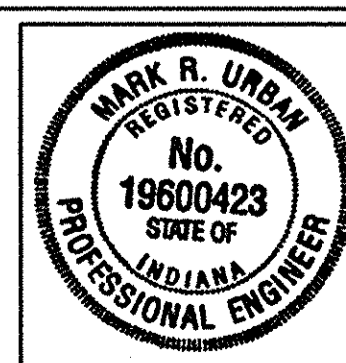
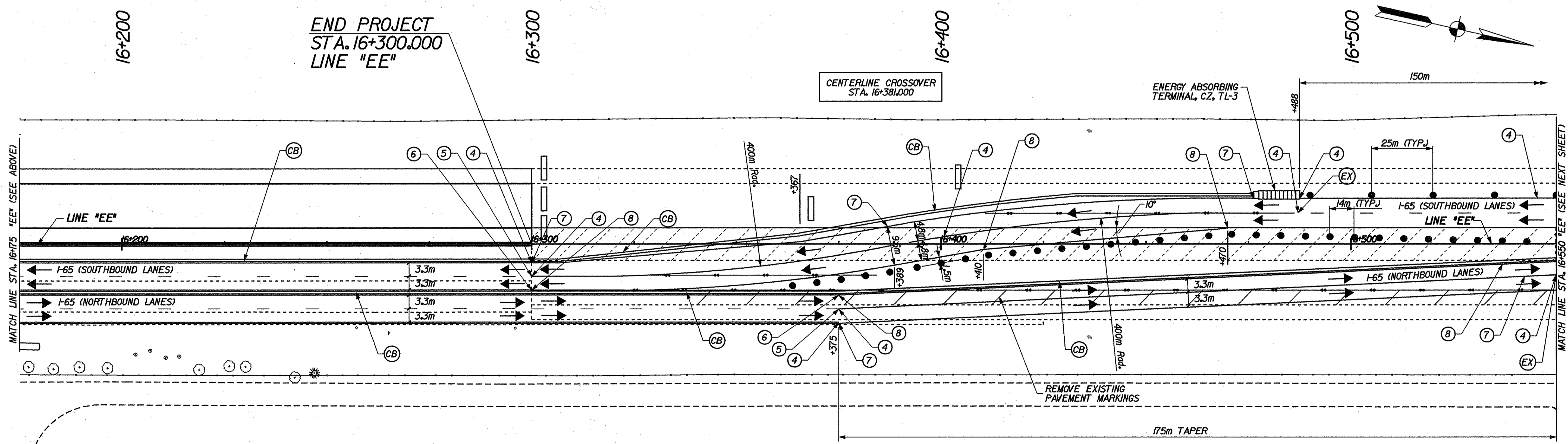
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VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 42 of 130
CONTRACT R-24550	PROJECT IN-65-1(140) 6

16-MAR-2002 20:00  
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- LEGEND**
- ⊠ TYPICAL SIGN STANDARD
  - ⊙ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA
  - ▬ TYPE III-B BARRICADE
  - ⊛ PAVEMENT MARKING REMOVAL

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - ⓐ TEMPORARY CONCRETE BARRIER
  - ⓧ EXISTING PAVEMENT MARKING



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

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 CHECKED: PBS CHECKED: MRU

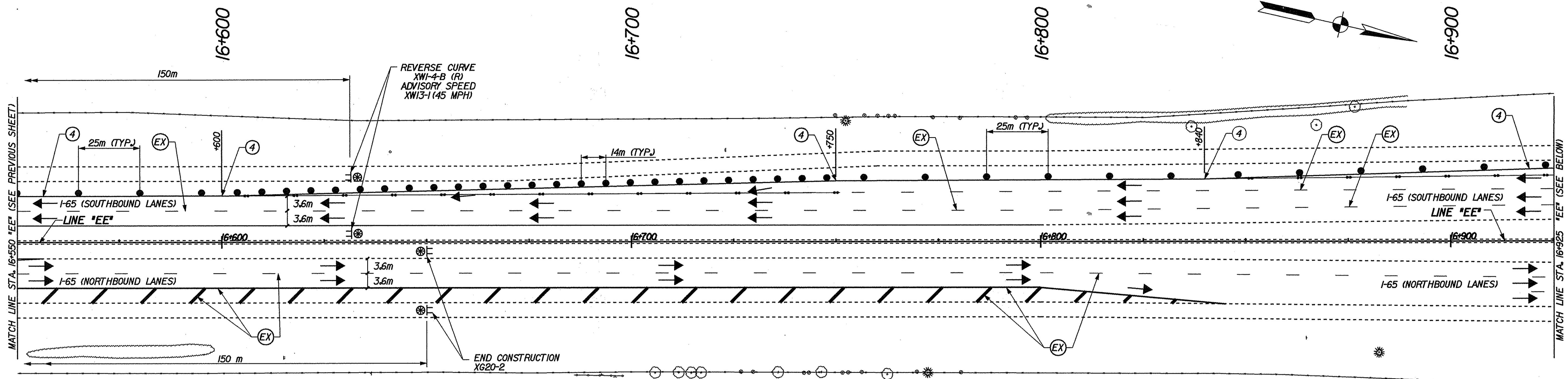
INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2B

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	43 of 130
CONTRACT	PROJECT
R-24550	IM-65-1 (140) 6

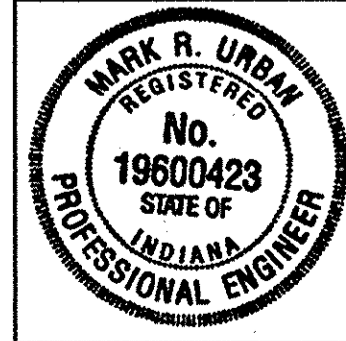
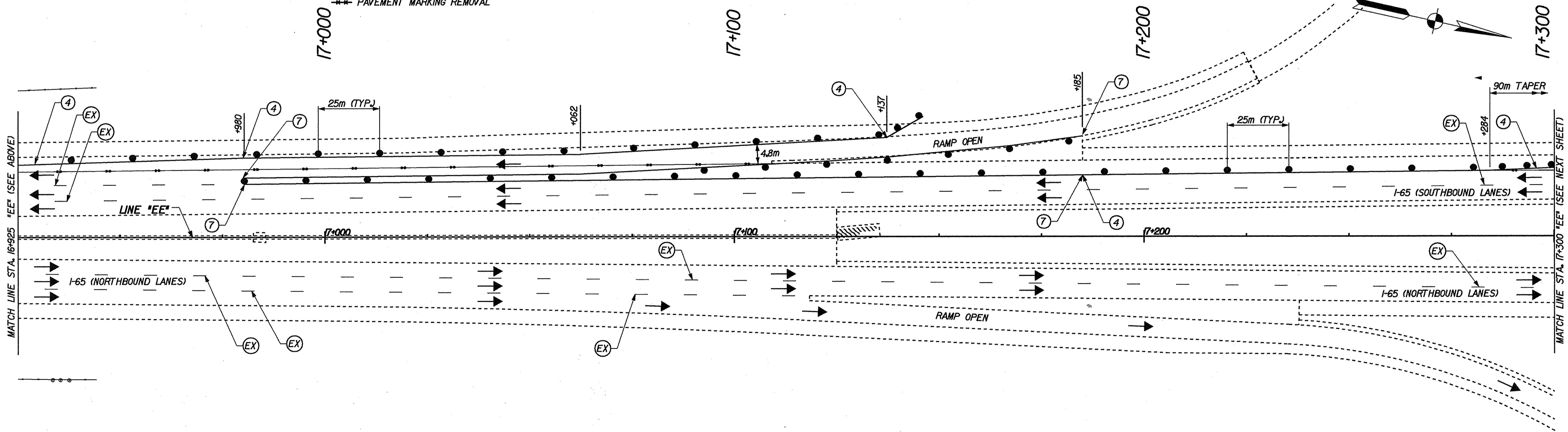
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- LEGEND**
- ⊠ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▬ TYPE III-B BARRICADE
  - PAVEMENT MARKING REMOVAL

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⊕ EXISTING PAVEMENT MARKING



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

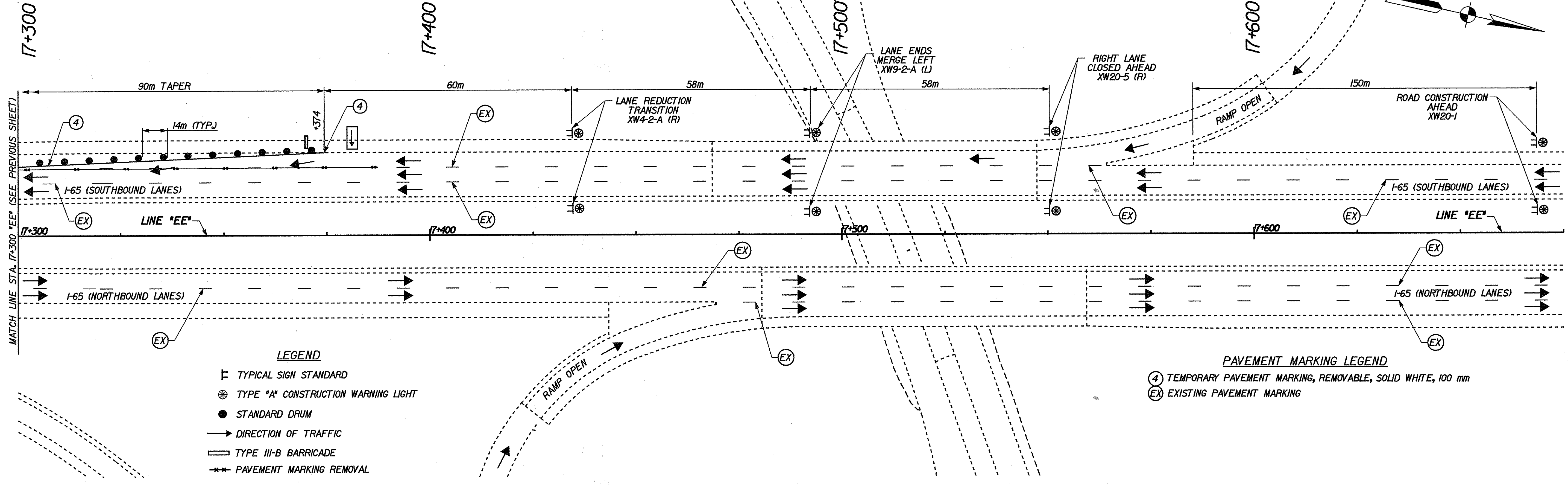
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 CHECKED: PBS CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2B

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 44 of 130
CONTRACT R-24550	PROJECT IH-65-1(140) 6

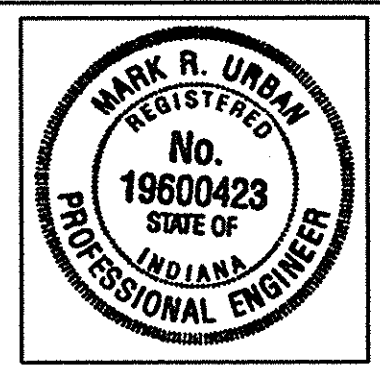
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- LEGEND**
- ⊠ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▬ TYPE III-B BARRICADE
  - PAVEMENT MARKING REMOVAL

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, SOLID WHITE, 100 mm
  - ⊗ EXISTING PAVEMENT MARKING

16-MAR-2002 2:18 PM T:\TRANSP\27606\13\td\c\c3m306.dgn



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
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DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 2B

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 45 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



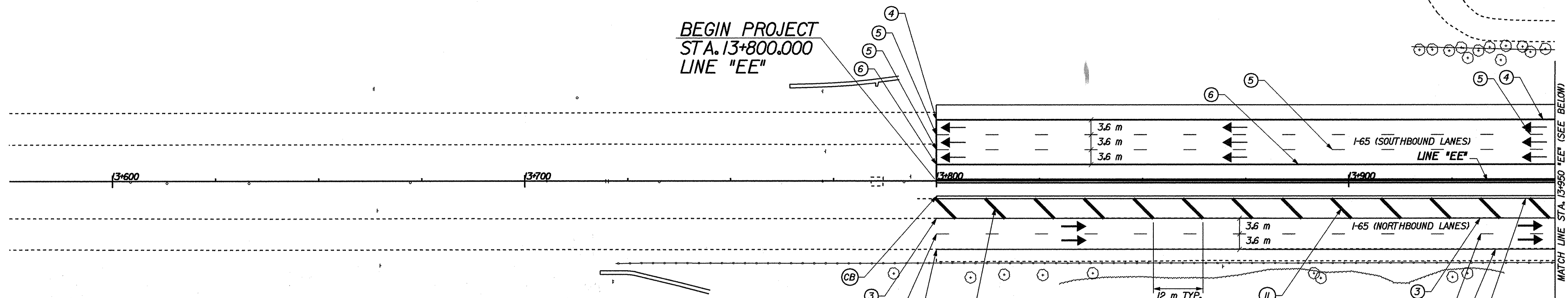
13+600

13+700

13+800

13+900

BEGIN PROJECT  
STA. 13+800.000  
LINE "EE"



LEGEND  
→ DIRECTION OF TRAFFIC

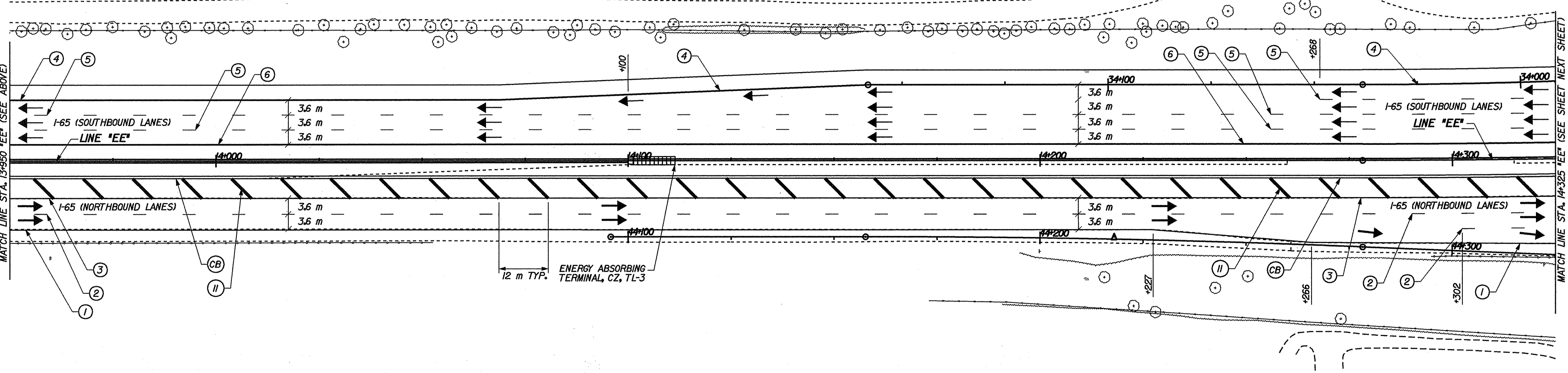
- PAVEMENT MARKING LEGEND
- ① TEMPORARY PAVEMENT MARKING, 100 mm, SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING, 100 mm, BROKEN WHITE
  - ③ TEMPORARY PAVEMENT MARKING, 100 mm, SOLID YELLOW
  - ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - || TEMPORARY TRANSVERSE PAVEMENT MARKING, 600 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER

14+000

14+100

14+200

14+300



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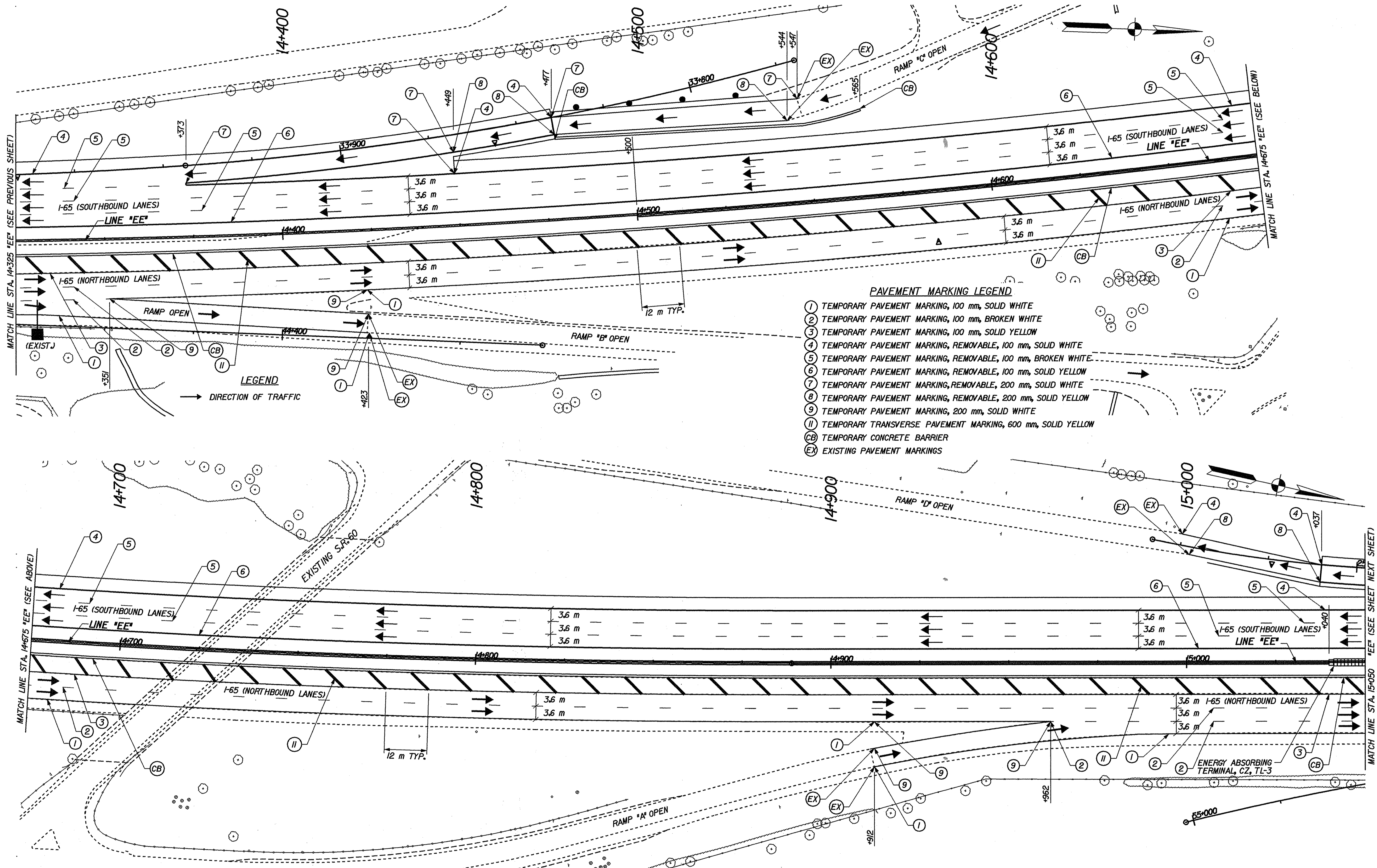
RECOMMENDED FOR APPROVAL  
*Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMW DRAWN: JES/JMW  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 3

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 46 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

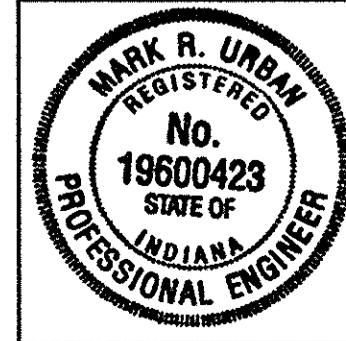


- PAVEMENT MARKING LEGEND**
- ① TEMPORARY PAVEMENT MARKING, 100 mm, SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING, 100 mm, BROKEN WHITE
  - ③ TEMPORARY PAVEMENT MARKING, 100 mm, SOLID YELLOW
  - ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - ⑨ TEMPORARY PAVEMENT MARKING, 200 mm, SOLID WHITE
  - ⑩ TEMPORARY TRANSVERSE PAVEMENT MARKING, 600 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER
  - EX EXISTING PAVEMENT MARKINGS

**LEGEND**

→ DIRECTION OF TRAFFIC

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 DESIGN ENGINEER DATE

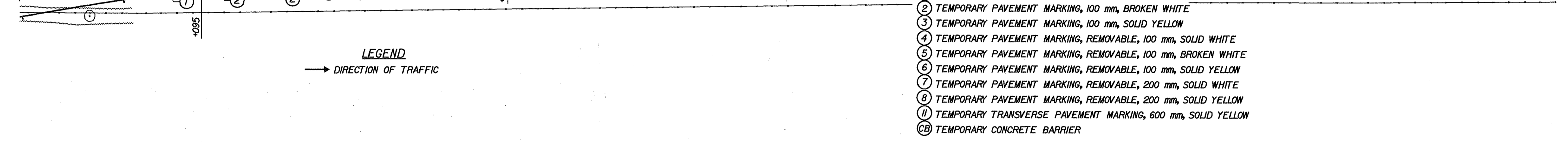
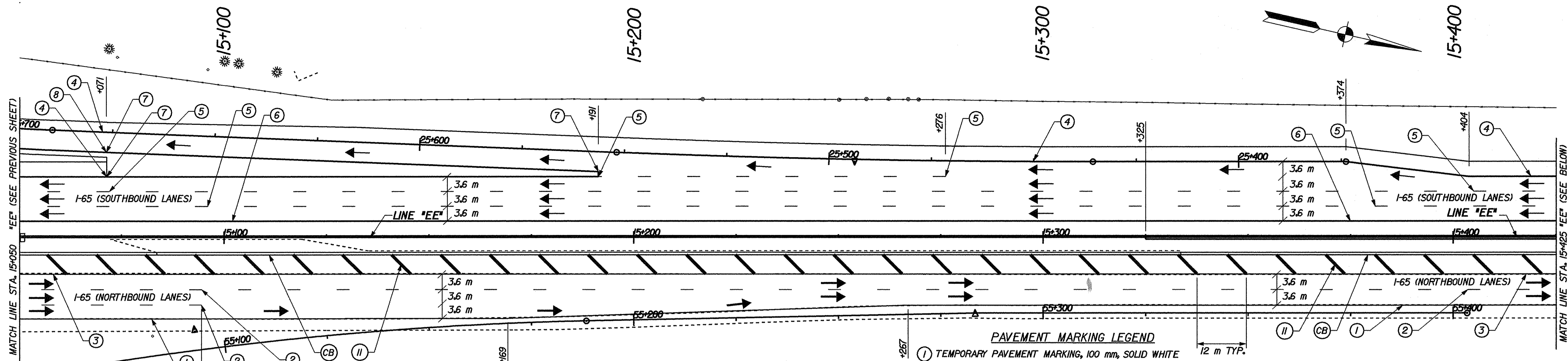
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INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 3

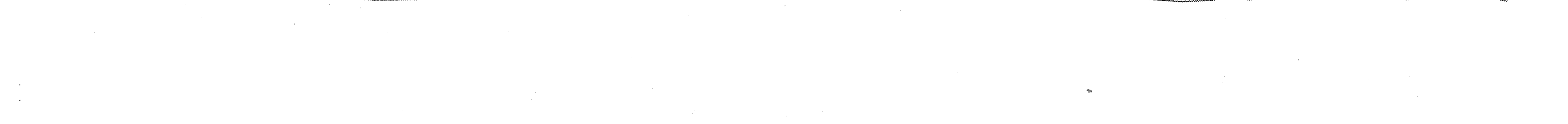
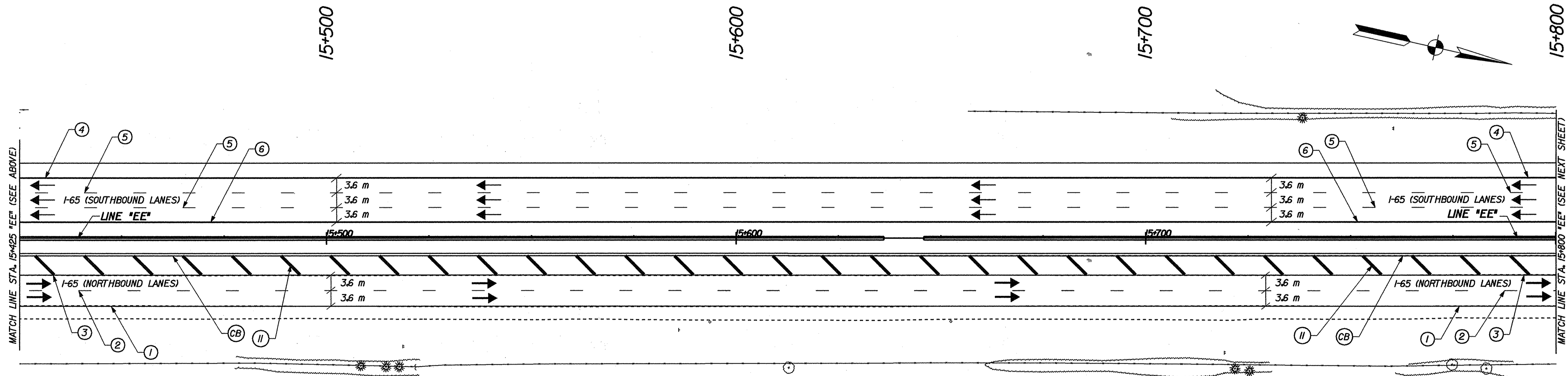
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 47 of 130
CONTRACT R-24550	PROJECT IM-65-1(14) 6



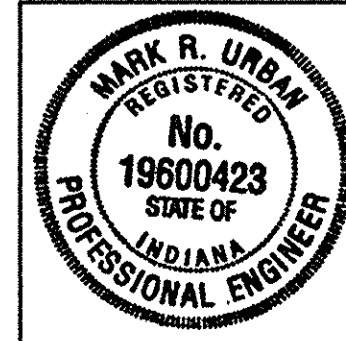


LEGEND  
 → DIRECTION OF TRAFFIC

- PAVEMENT MARKING LEGEND**
- ① TEMPORARY PAVEMENT MARKING, 100 mm, SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING, 100 mm, BROKEN WHITE
  - ③ TEMPORARY PAVEMENT MARKING, 100 mm, SOLID YELLOW
  - ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - Ⓜ TEMPORARY TRANSVERSE PAVEMENT MARKING, 600 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER



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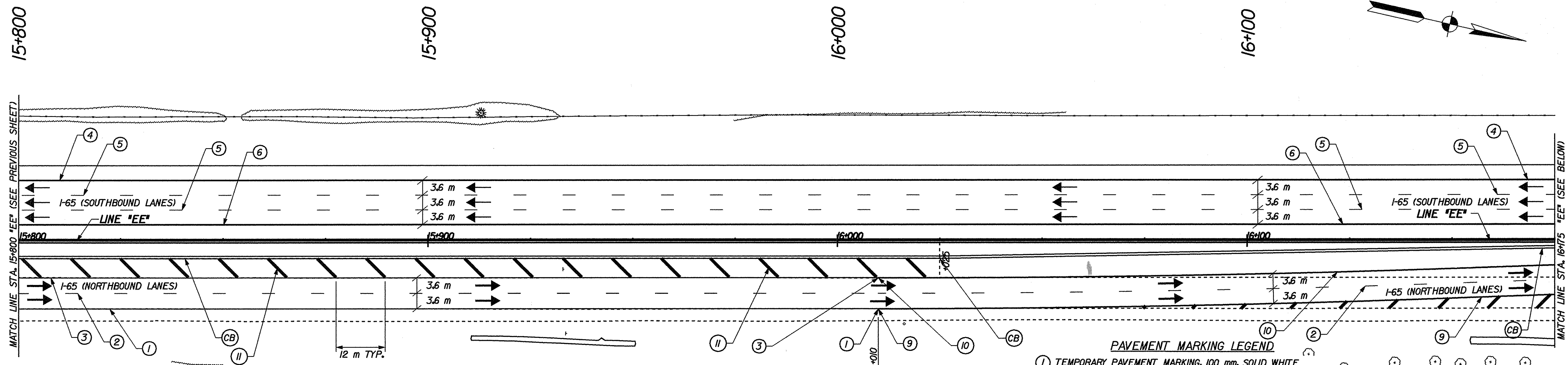
RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMW DRAWN: JES/JMW  
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INDIANA  
 DEPARTMENT OF TRANSPORTATION

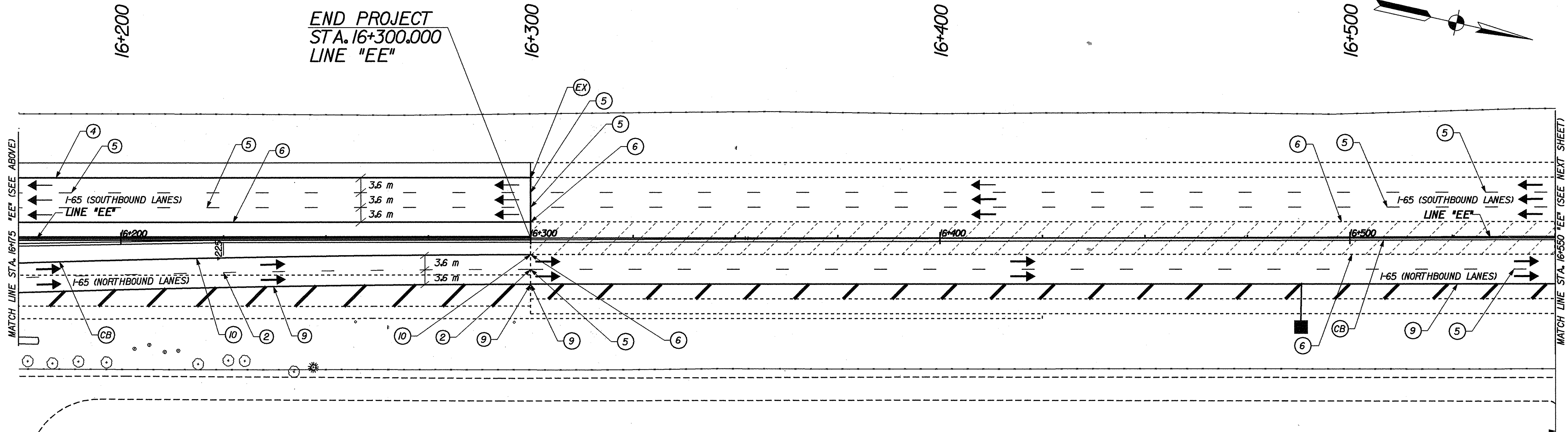
MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 3

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 48 of 130
CONTRACT R-24550	PROJECT IM-65-1 (140) 6

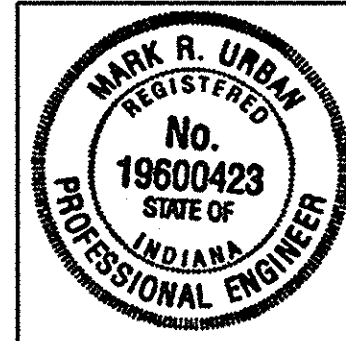


**LEGEND**  
 → DIRECTION OF TRAFFIC

- PAVEMENT MARKING LEGEND**
- ① TEMPORARY PAVEMENT MARKING, 100 mm, SOLID WHITE
  - ② TEMPORARY PAVEMENT MARKING, 100 mm, BROKEN WHITE
  - ③ TEMPORARY PAVEMENT MARKING, 100 mm, SOLID YELLOW
  - ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑨ TEMPORARY PAVEMENT MARKING, 200 mm, SOLID WHITE
  - ⑩ TEMPORARY PAVEMENT MARKING, 200 mm, SOLID YELLOW
  - ⑪ TEMPORARY TRANSVERSE PAVEMENT MARKING, 600 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER
  - EX EXISTING PAVEMENT MARKING



END PROJECT  
 STA. 16+300.000  
 LINE "EE"



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

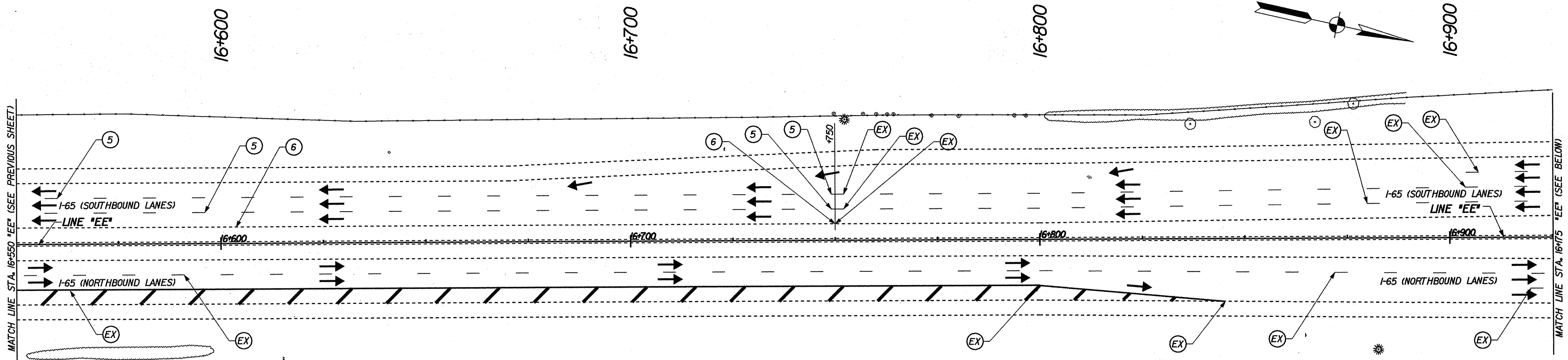
INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 3

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 49 of 130
CONTRACT R-24550	PROJECT IM-65-1 (140) 6

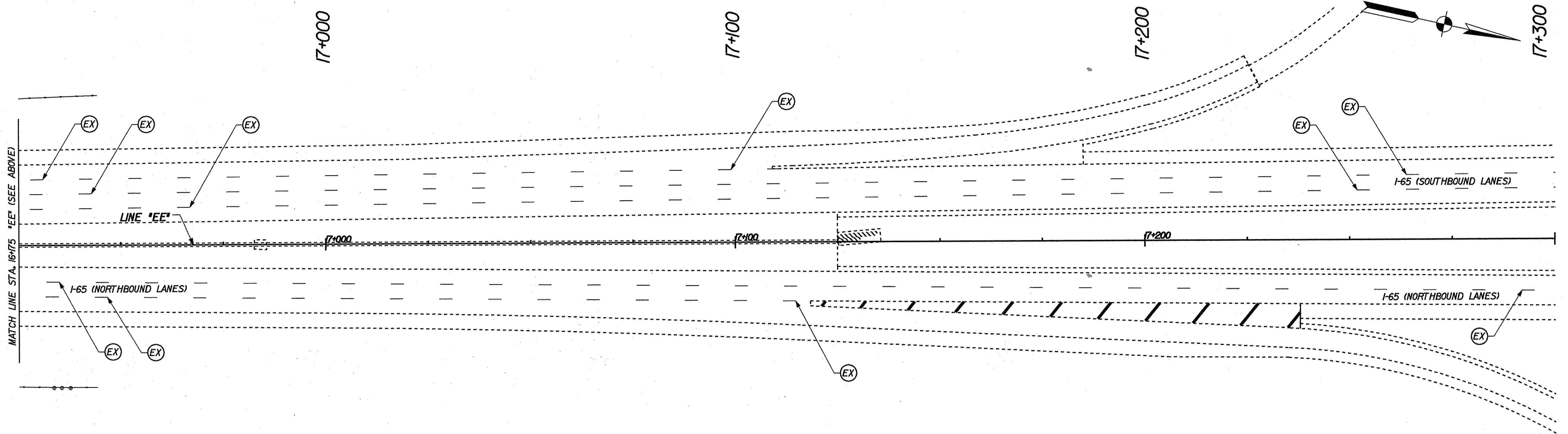
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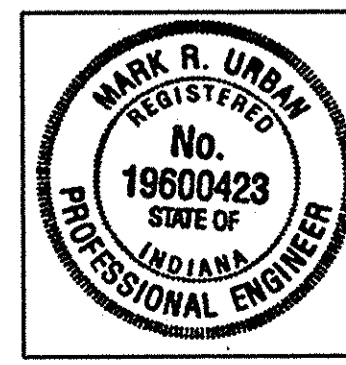


LEGEND  
 → DIRECTION OF TRAFFIC

PAVEMENT MARKING LEGEND  
 (5) TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE  
 (6) TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW  
 (EX) EXISTING PAVEMENT MARKING



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 DESIGN ENGINEER DATE

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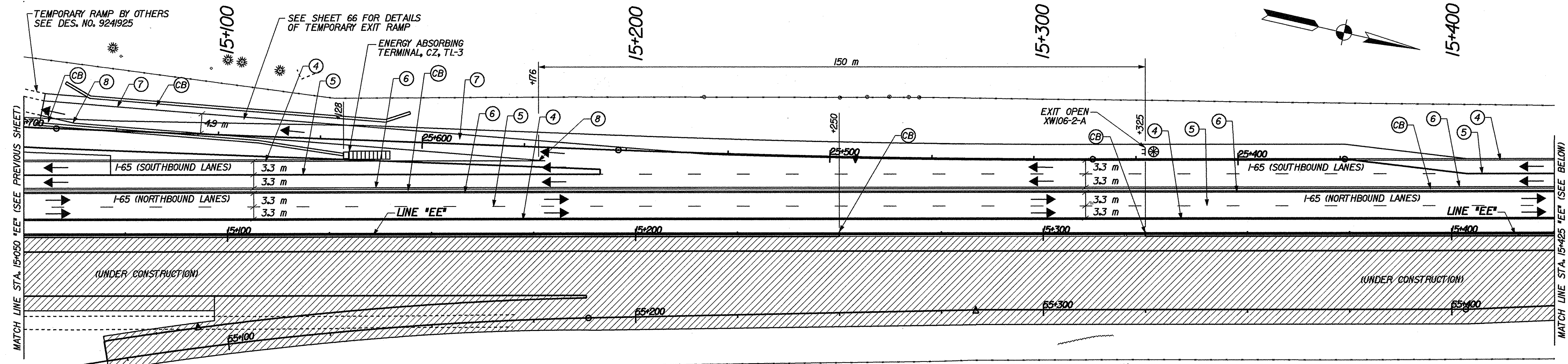
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
	50 of 130
CONTRACT	PROJECT
R-24550	IM-65-1(140) 6



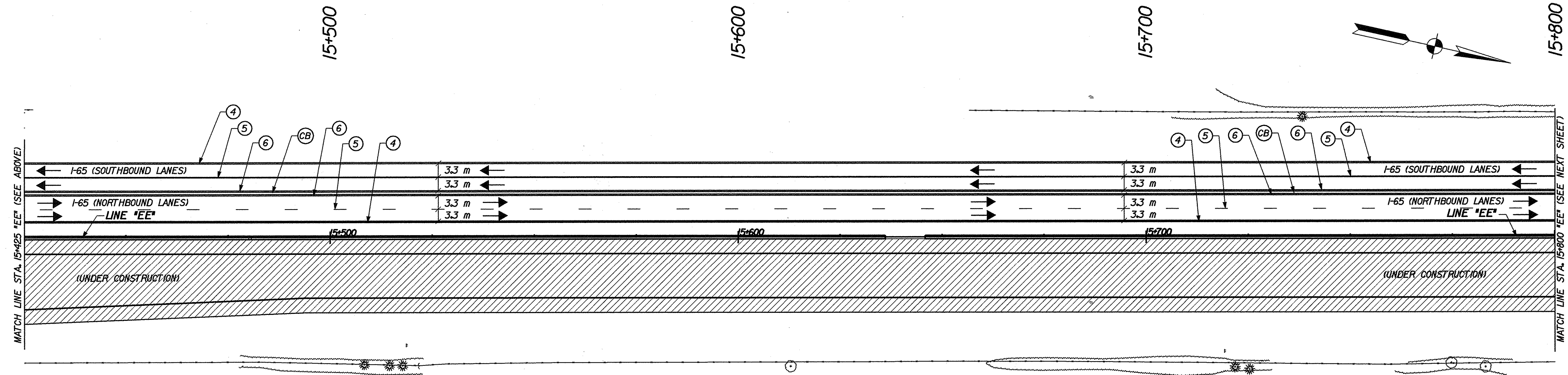






- LEGEND**
- ⊠ TYPICAL SIGN STANDARD
  - ⊗ TYPE 'A' CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMW DRAWN: JES/JMW  
 CHECKED: PBS CHECKED: MRU

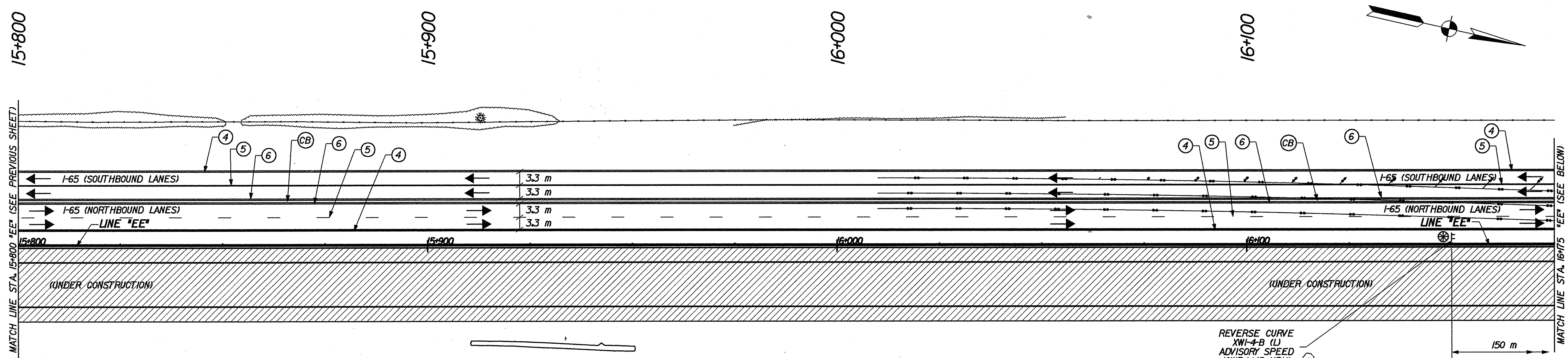
INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 4A

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 53 of 130
CONTRACT R-24550	PROJECT I-65-1 (140) 6

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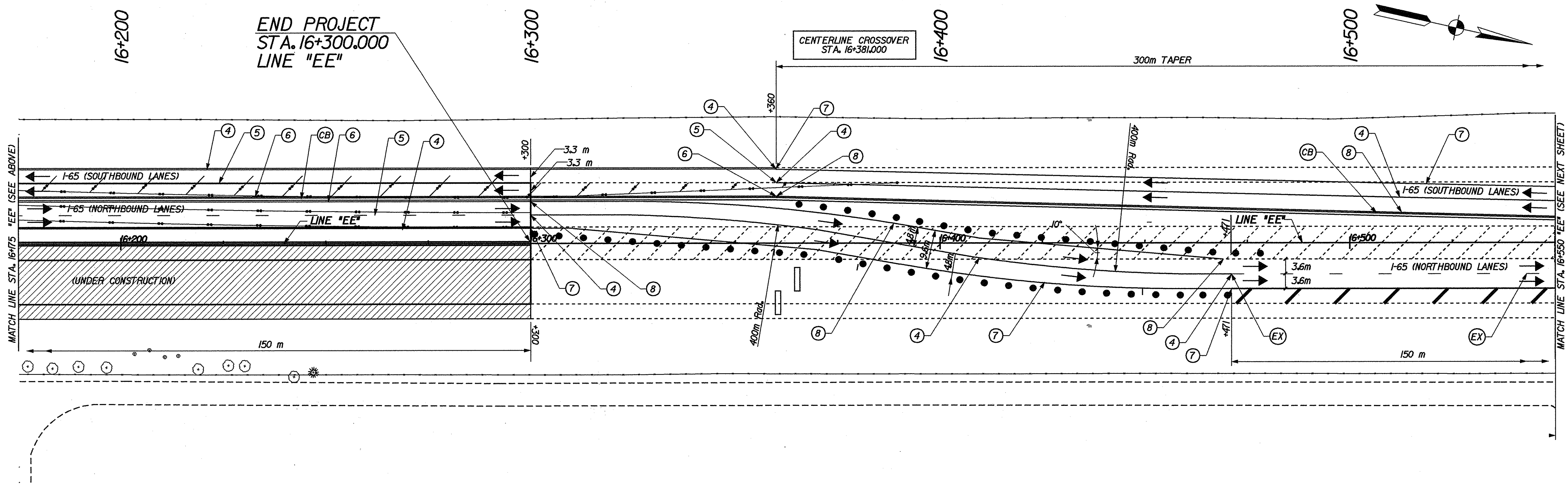




- LEGEND**
- ⊞ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA
  - ▭ TYPE III-B BARRICADE
  - PAVEMENT MARKING REMOVAL

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER
  - EX EXISTING PAVEMENT MARKING

REVERSE CURVE  
XVI-4-B (L)  
ADVISORY SPEED  
XVI3-1 (45 MPH)

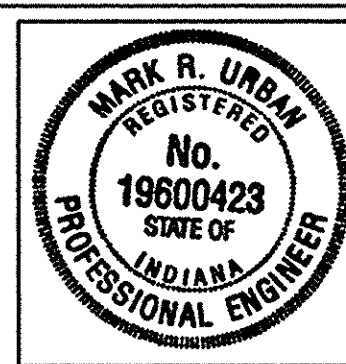


END PROJECT  
STA. 16+300.000  
LINE "EE"

CENTERLINE CROSSOVER  
STA. 16+381,000

300m TAPER

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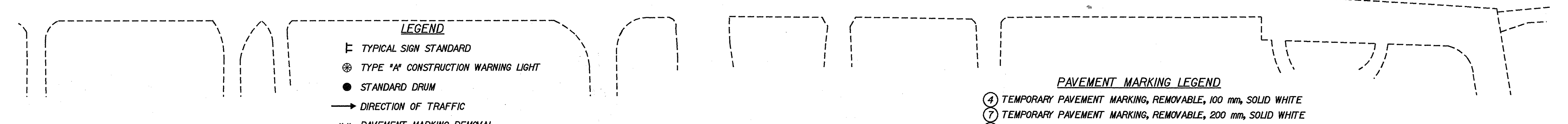
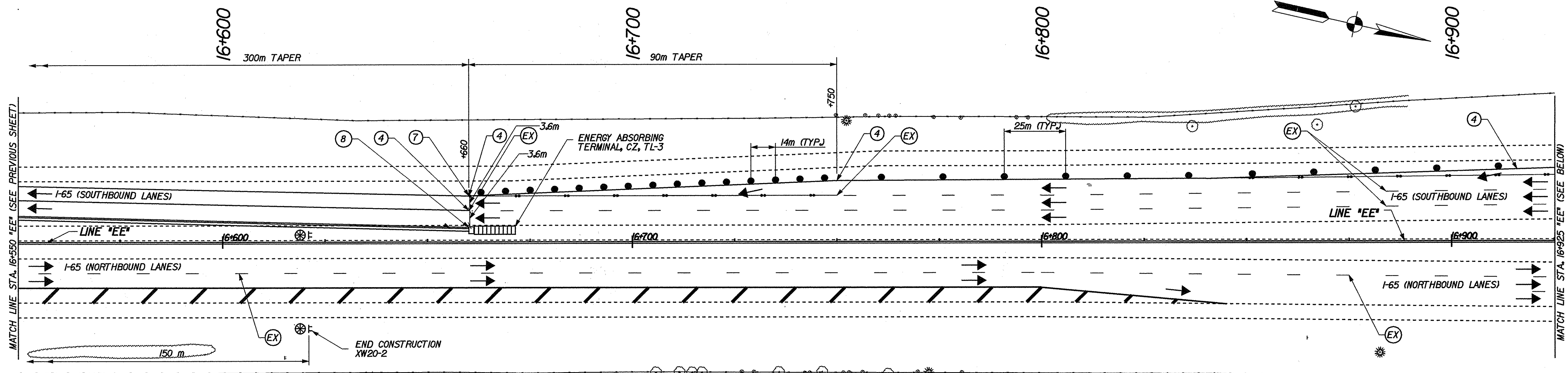
RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/24/02  
DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
CHECKED: PBS CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

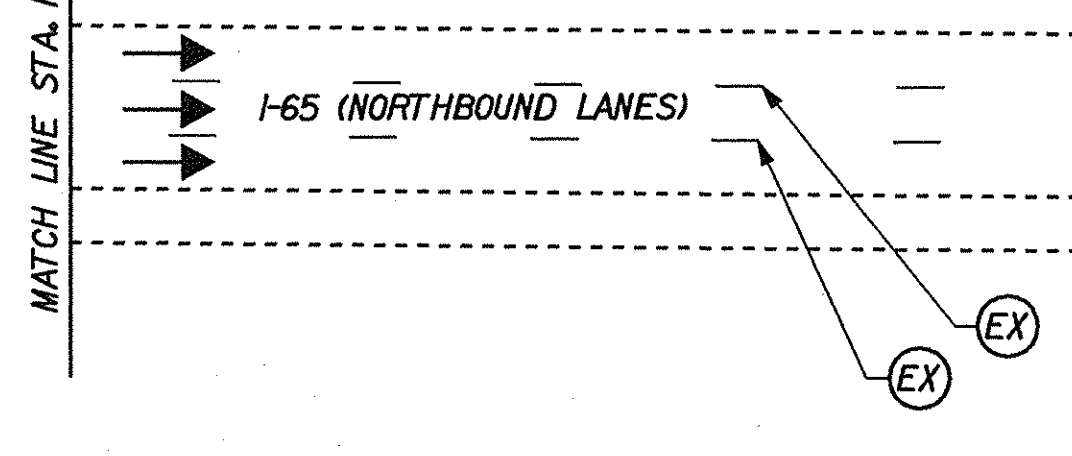
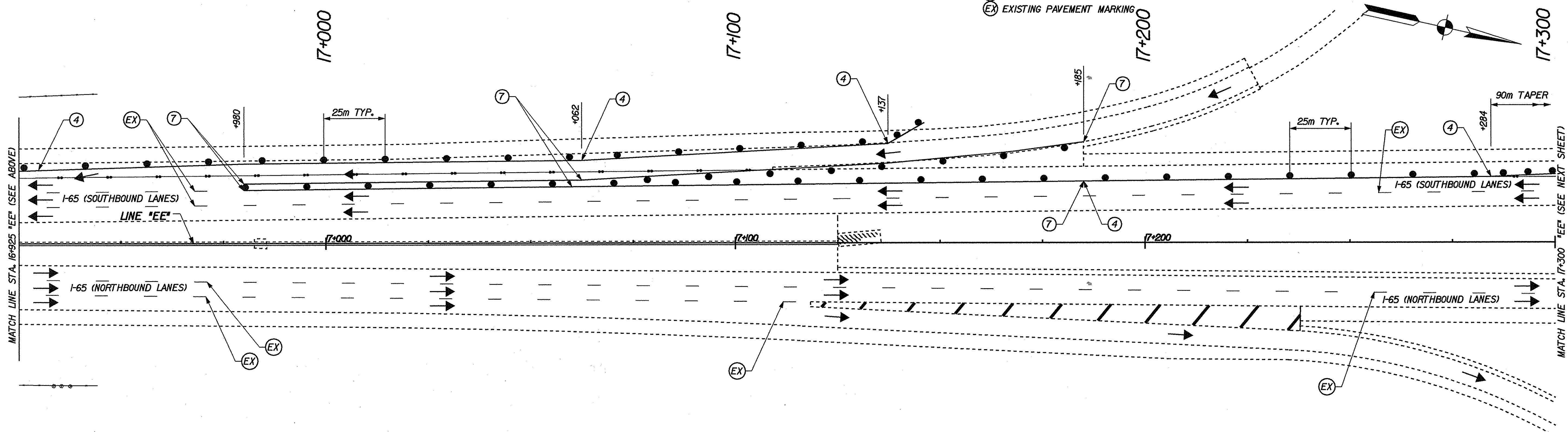
MAINTENANCE OF TRAFFIC DETAILS  
PHASE 4A

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 54 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

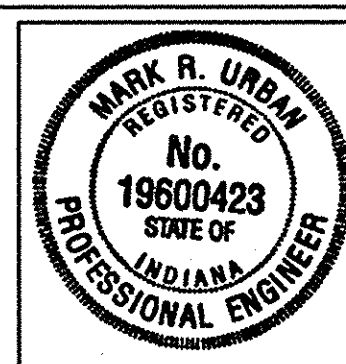


- LEGEND**
- ⊞ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - PAVEMENT MARKING REMOVAL

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - EX EXISTING PAVEMENT MARKING



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 DESIGN ENGINEER DATE

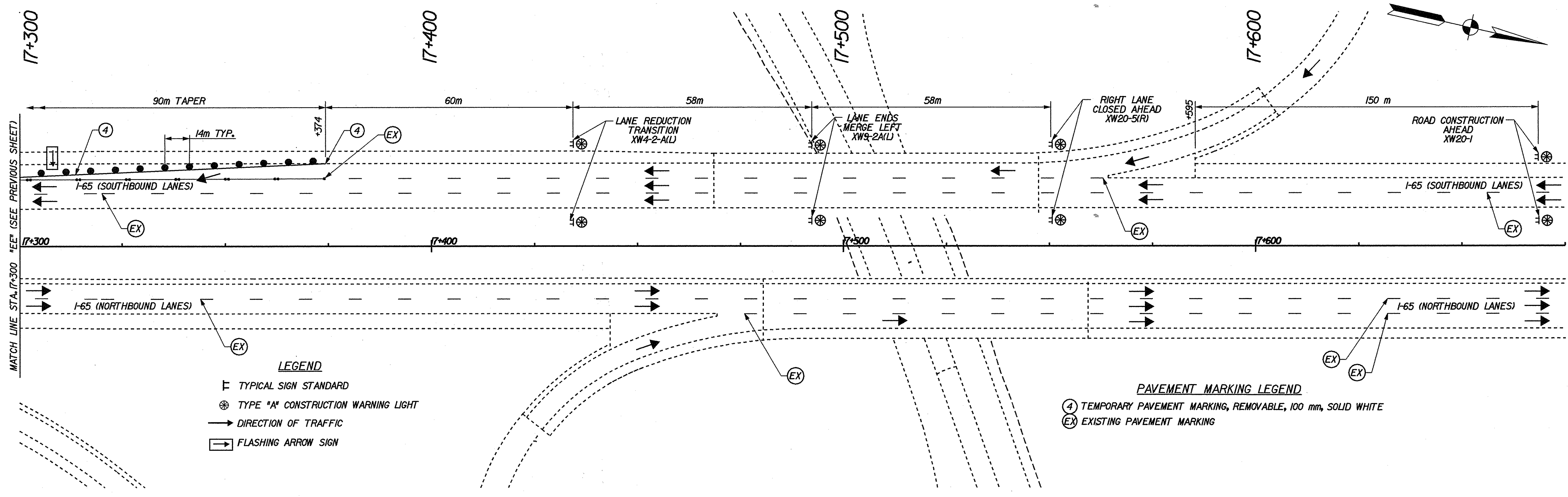
DESIGNED: JES/JMW DRAWN: JES/JMW  
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INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 4A

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924/965
SURVEY BOOK	SHEETS 55 of 130
CONTRACT R-24550	PROJECT IM-65-1(140)6



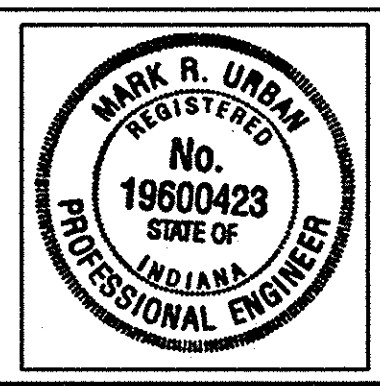


MATCH LINE STA. 17+300 "EE" (SEE PREVIOUS SHEET)

- LEGEND**
- ▬ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - DIRECTION OF TRAFFIC
  - ⬇ FLASHING ARROW SIGN

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⊗ EXISTING PAVEMENT MARKING

16-MAR-2002 21:25  
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RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 4A

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 56 of 130
CONTRACT R-24550	PROJECT IM-65-1 (140) 6

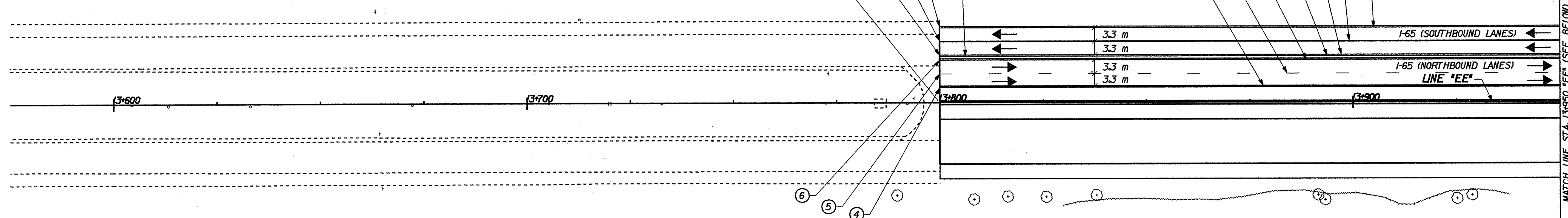
13+600

13+700

13+800

13+900

BEGIN PROJECT  
STA. 13+800.000  
LINE "EE"



- LEGEND**
- ⊞ TYPICAL SIGN STANDARD
  - STANDARD DRUM
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

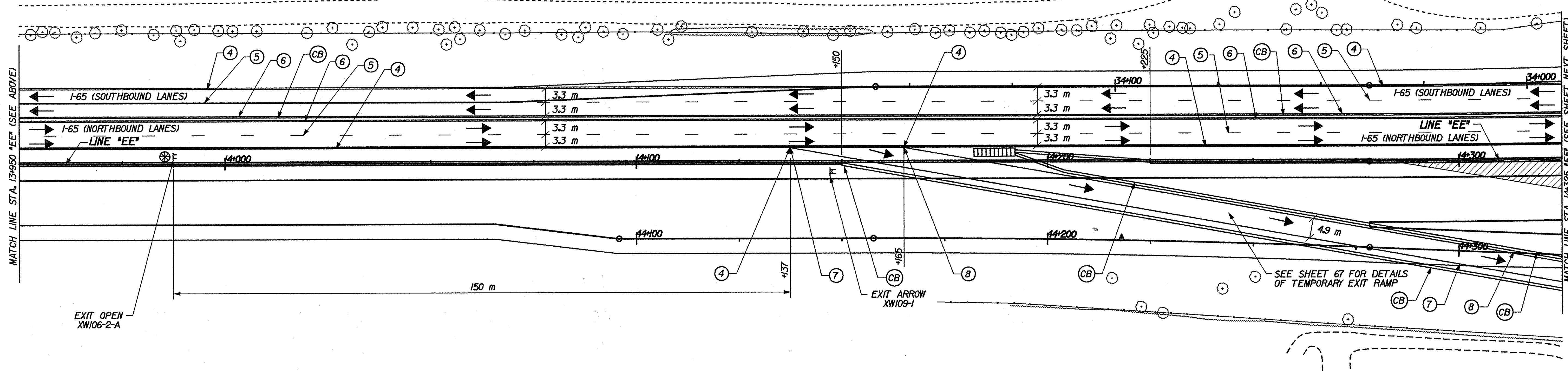
- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER

14+000

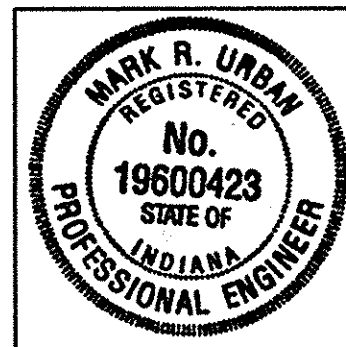
14+100

14+200

14+300



16-MAR-2002 2:43:21 PM T:\TRANS\27606\3\606\c03\m601.dgn



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

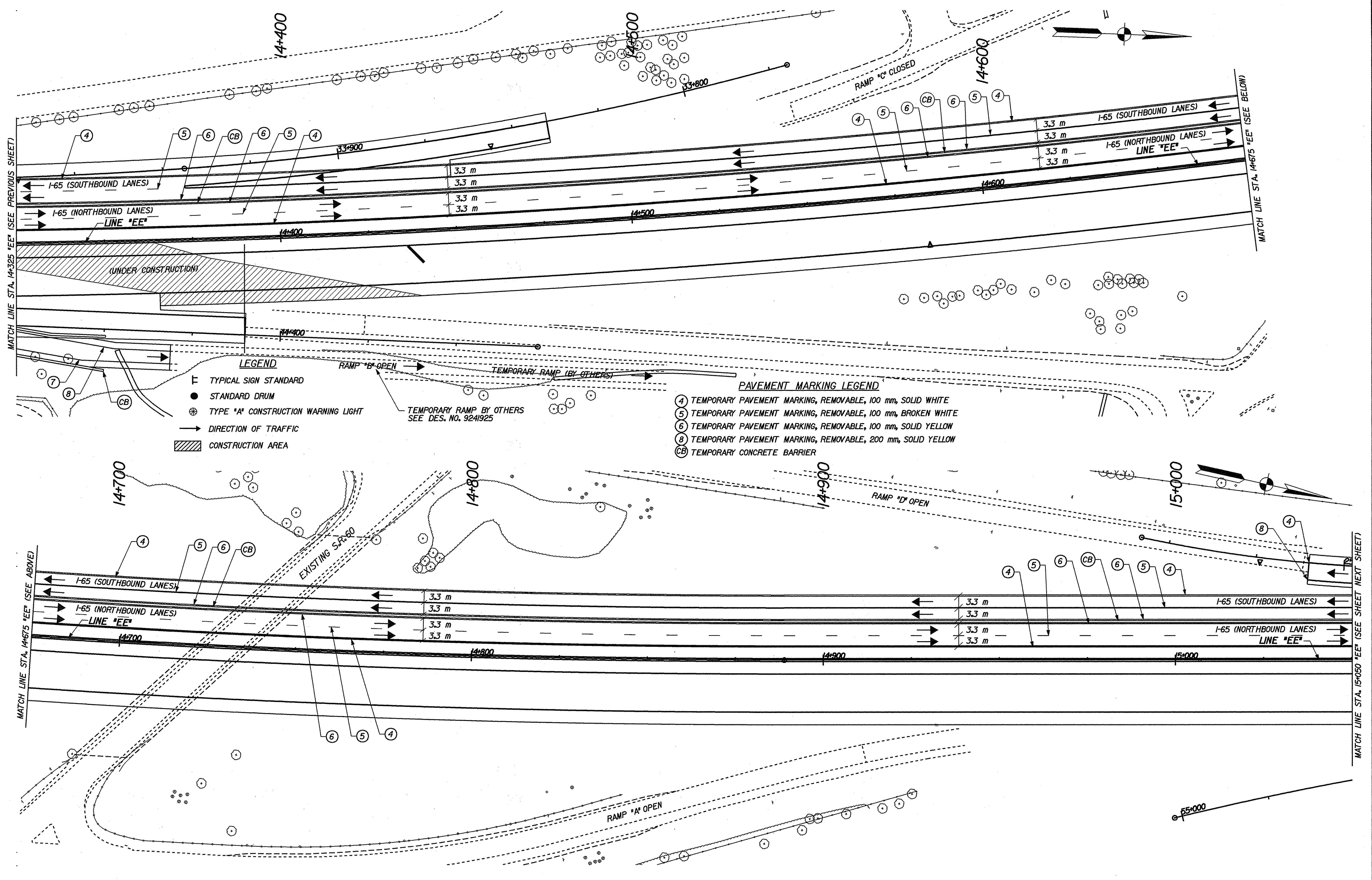
DESIGNED: JES/JMW DRAWN: JES/JMW  
CHECKED: PBS CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
PHASE 4B

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 92-4965
SURVEY BOOK	SHEETS 57 of 130
CONTRACT R-24550	PROJECT I-65-1 (H0) 6





- LEGEND**
- ▭ TYPICAL SIGN STANDARD
  - STANDARD DRUM
  - ⊗ TYPE 'A' CONSTRUCTION WARNING LIGHT
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER

16-MAR-2002 2:13:39  
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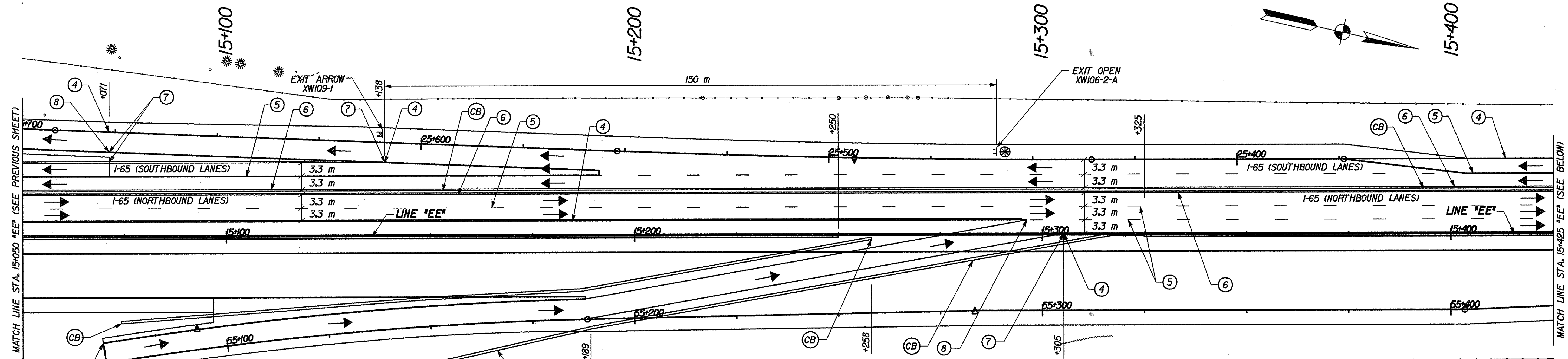
RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
CHECKED: PBS CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

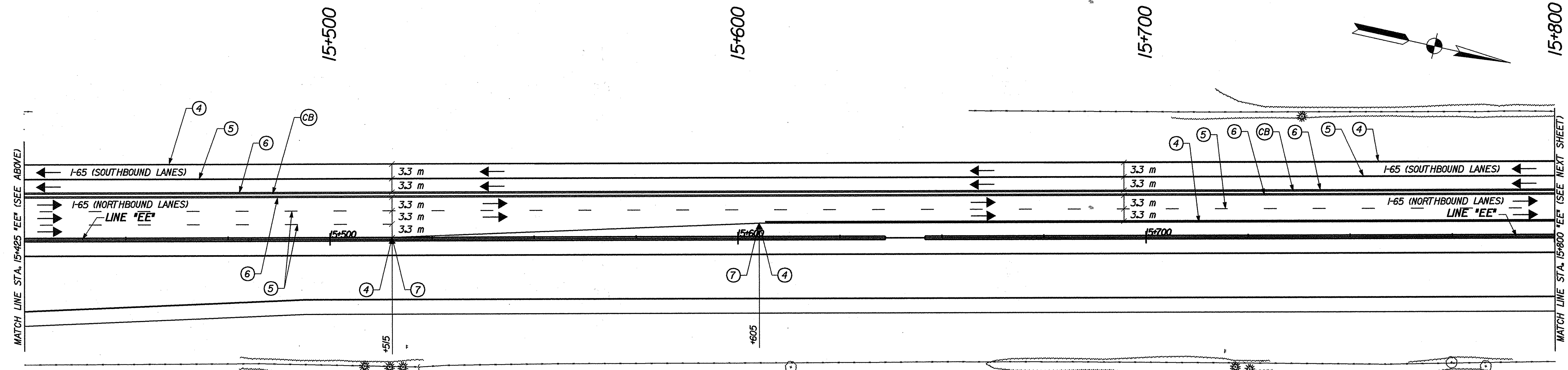
MAINTENANCE OF TRAFFIC DETAILS  
PHASE 4B

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 58 of 130
CONTRACT R-24550	PROJECT IM-65-1 (140) 6

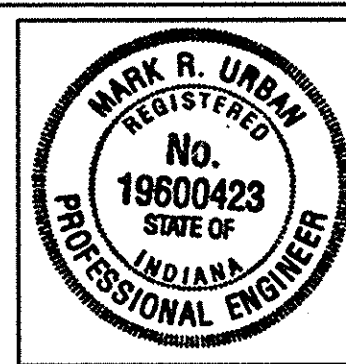


- LEGEND**
- ⊥ TYPICAL SIGN STANDARD
  - ⊙ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - ▨ CONSTRUCTION AREA

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - CB TEMPORARY CONCRETE BARRIER



15-MAR-2002 2:44 PM \\TRANSP\27606\3\606\603\603.dgn



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
CHECKED: PBS CHECKED: MRU

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
PHASE 4B

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924/965
SURVEY BOOK	SHEETS 59 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

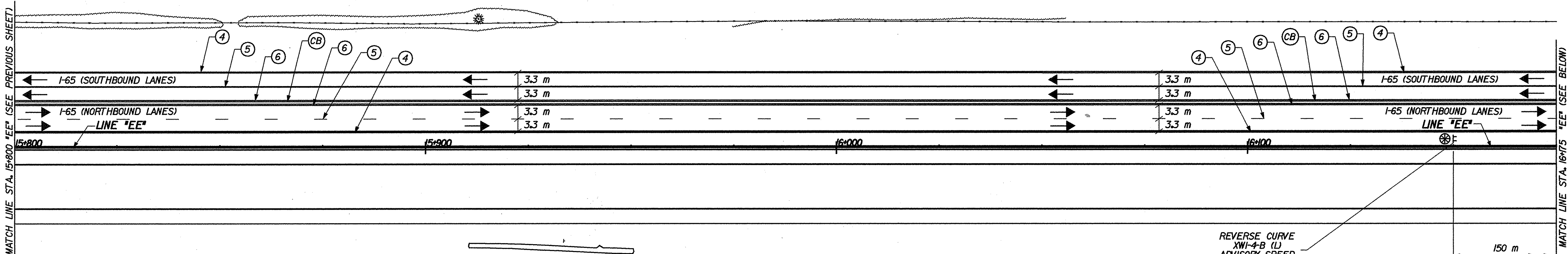


15+800

15+900

16+000

16+100



**LEGEND**

- ⊠ TYPICAL SIGN STANDARD
- ⊙ TYPE "A" CONSTRUCTION WARNING LIGHT
- STANDARD DRUM
- DIRECTION OF TRAFFIC
- ▨ CONSTRUCTION AREA
- ▬ TYPE III-B BARRICADE
- PAVEMENT MARKING REMOVAL

**PAVEMENT MARKING LEGEND**

- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
- ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
- ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
- ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
- ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
- CB TEMPORARY CONCRETE BARRIER
- EX EXISTING PAVEMENT MARKING

REVERSE CURVE  
 XW1-4-B (L)  
 ADVISORY SPEED  
 XW13-1 (45 MPH)

16+200

END PROJECT  
 STA. 16+300.000  
 LINE "EE"

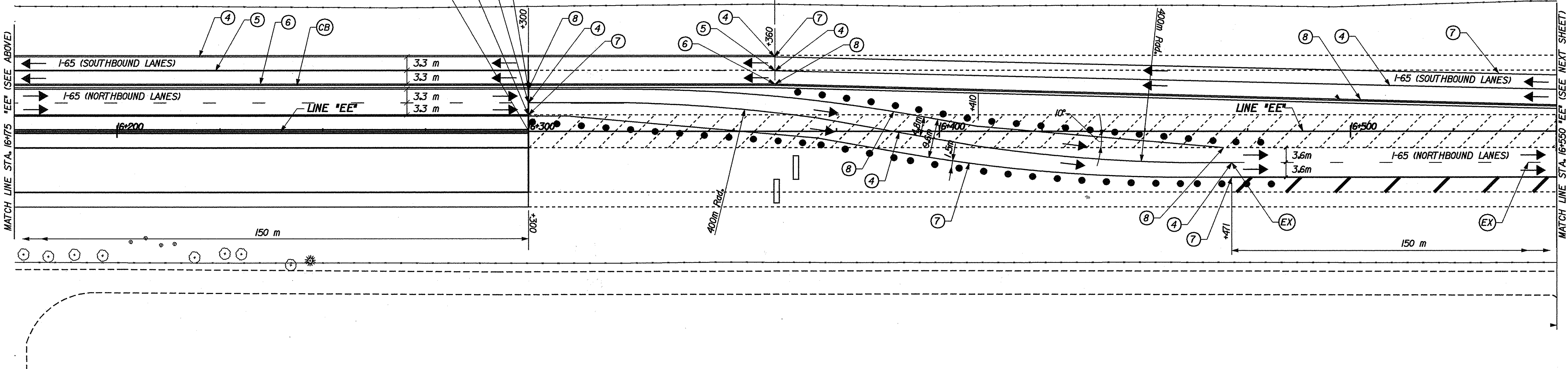
16+300

CENTERLINE CROSSOVER  
 STA. 16+381.000

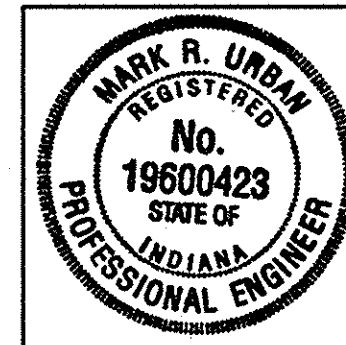
16+400

300m TAPER

16+500



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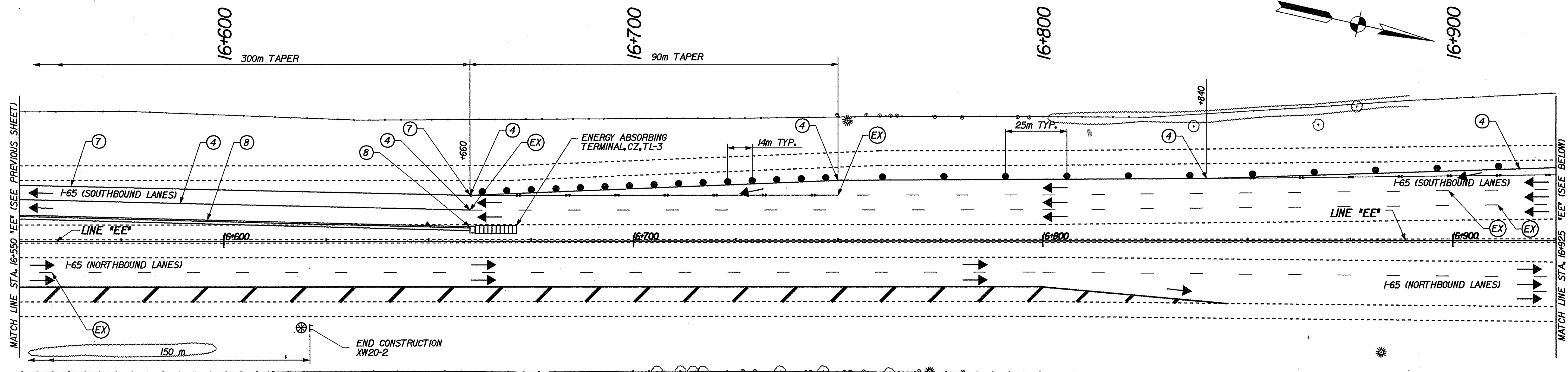
RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

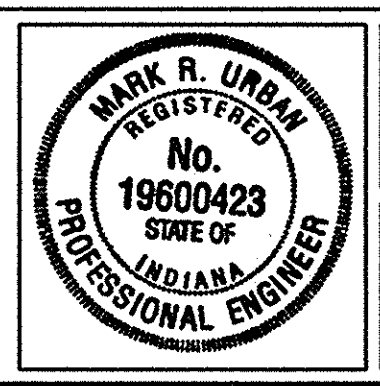
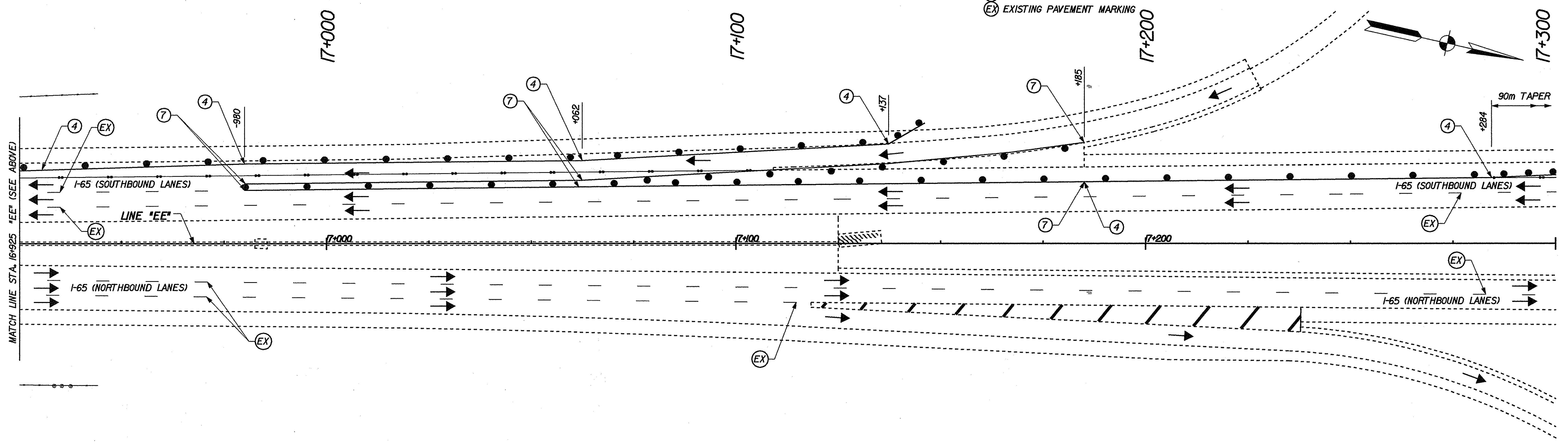
MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 4B

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 60 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



- LEGEND**
- ⊞ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - EX EXISTING PAVEMENT MARKING



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: JES/JMM DRAWN: JES/JMM  
 CHECKED: PBS CHECKED: MRU

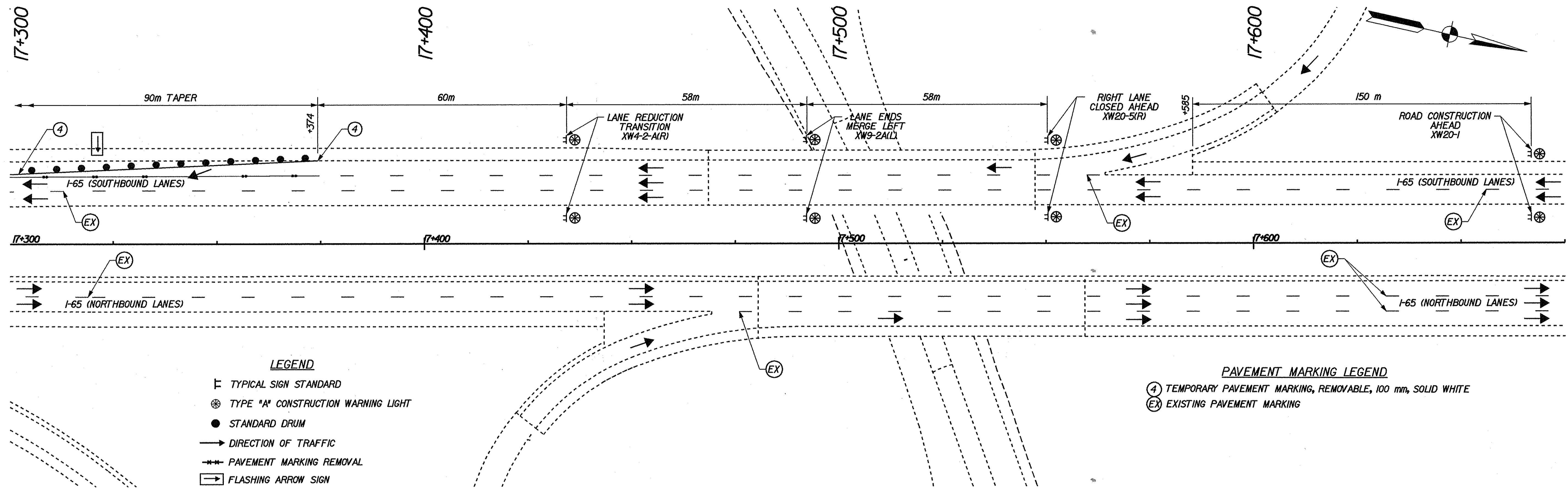
INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 PHASE 4B

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 61 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

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- LEGEND**
- ⊞ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - DIRECTION OF TRAFFIC
  - PAVEMENT MARKING REMOVAL
  - ⬅ FLASHING ARROW SIGN

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⊗ EXISTING PAVEMENT MARKING

16-MAR-2002 22:02  
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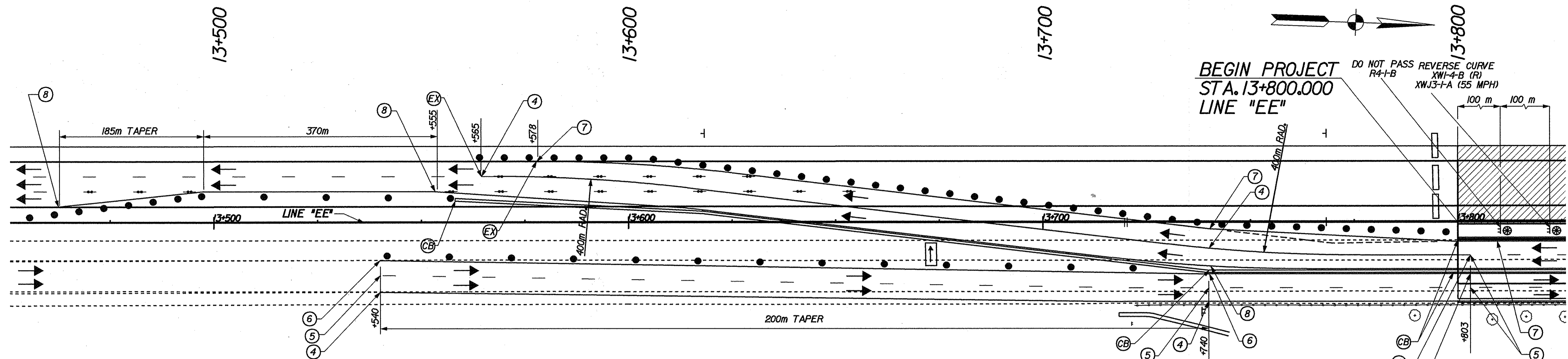
RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: JES/JMW DRAWN: JES/JMW  
CHECKED: PBS CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
PHASE 4B

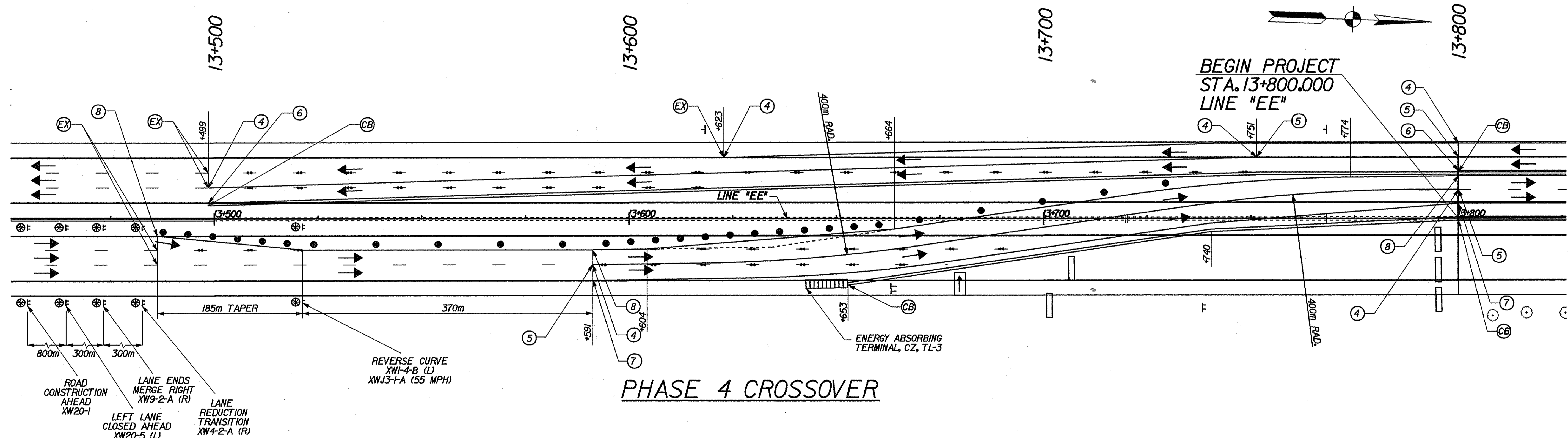
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 62 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



**PHASE 2 CROSSOVER**

- LEGEND**
- ⊥ TYPICAL SIGN STANDARD
  - ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
  - STANDARD DRUM
  - ⇌ FLASHING ARROW SIGN
  - DIRECTION OF TRAFFIC
  - ▭ TYPE III-B BARRICADE
  - ▨ CONSTRUCTION AREA
  - PAVEMENT MARKING REMOVAL

- PAVEMENT MARKING LEGEND**
- ④ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID WHITE
  - ⑤ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, BROKEN WHITE
  - ⑥ TEMPORARY PAVEMENT MARKING, REMOVABLE, 100 mm, SOLID YELLOW
  - ⑦ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID WHITE
  - ⑧ TEMPORARY PAVEMENT MARKING, REMOVABLE, 200 mm, SOLID YELLOW
  - ⓐ TEMPORARY CONCRETE BARRIER
  - Ⓧ EXISTING PAVEMENT MARKING



**PHASE 4 CROSSOVER**

- LEGEND**
- ⊥ ROAD CONSTRUCTION AHEAD XW20-1
  - ⇌ LANE ENDS MERGE RIGHT XW9-2-A (R)
  - ⇌ LEFT LANE CLOSED AHEAD XW4-2-5 (L)
  - ⇌ LANE REDUCTION TRANSITION XW4-2-A (R)

15-MAR-2002 22:09 T:\TRANSP\27606\13\106\1063\10631.mxd

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RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

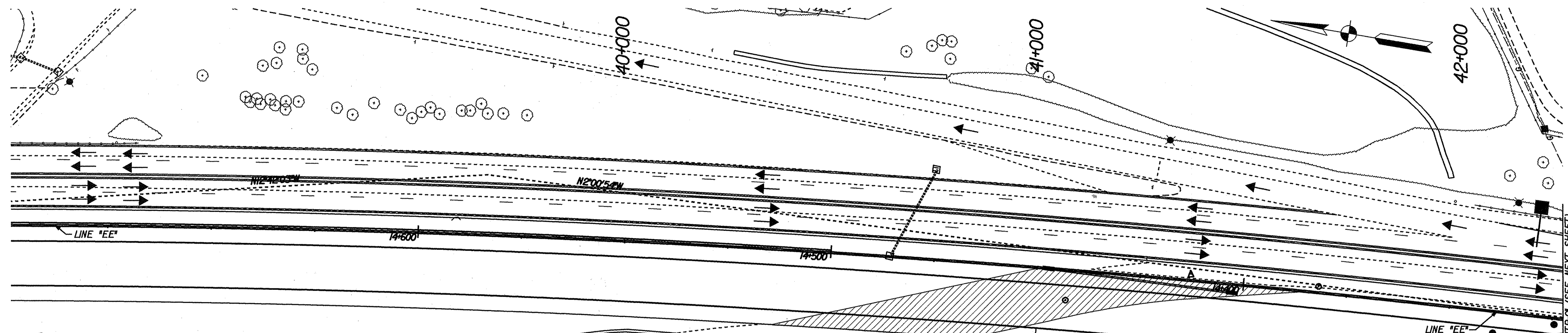
DESIGNED: JMW DRAWN: JMW  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

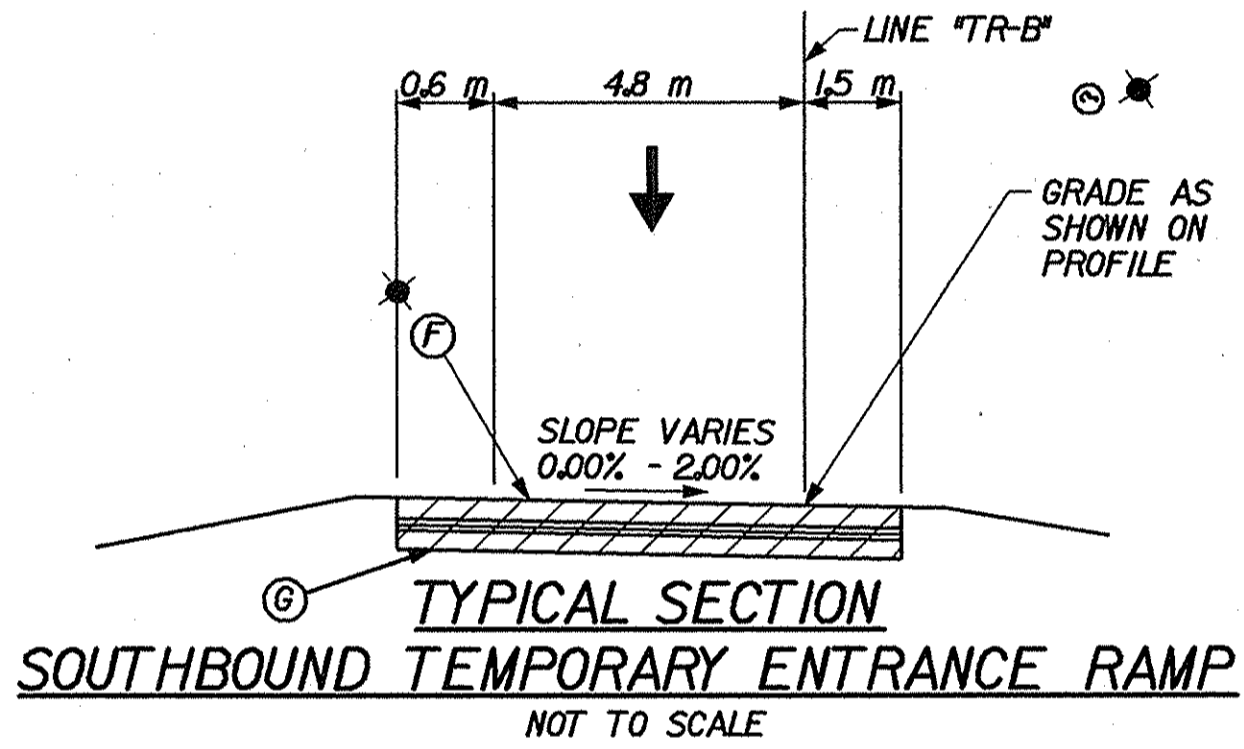
MAINTENANCE OF TRAFFIC  
 OPTIONAL CROSSOVER  
 PHASE 2 & 4

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 63 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6





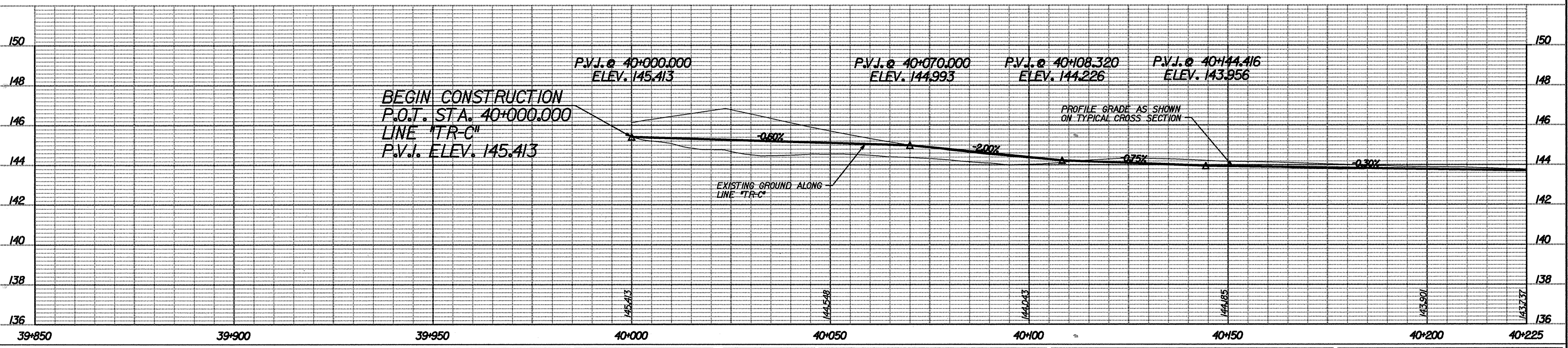
- Ⓕ 75kg/m<sup>2</sup> QC/QA HMA SURFACE 9.5mm, MAINLINE ON, 165kg/m<sup>2</sup> QC/QA HMA INTERMEDIATE 19.0mm, MAINLINE ON, 660kg/m<sup>2</sup> QC/QA HMA BASE 25.0mm  
PG BINDER GRADE: 70 - 22
- Ⓖ 280mm COMPACTED AGGREGATE FOR BASE, TYPE "O", SIZE NO. 53



**BEGIN CONSTRUCTION**  
P.O.T. STA. 40+000.000  
LINE "TR-C"  
SEE DES. NO. 9241925  
N: 346329.864  
E: 92225.882

**LEGEND**  
[Hatched Box] CONSTRUCTION AREA

**CURVE DATA**  
P.I. STA. 40+123.909 "TR-C"  
Δ = 7°28'58" RT.  
R = 833.188 m  
T = 54.483 m  
L = 108.812 m  
E = 1.779 m



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: JMW DRAWN: JMW  
CHECKED: MRU CHECKED: MRU

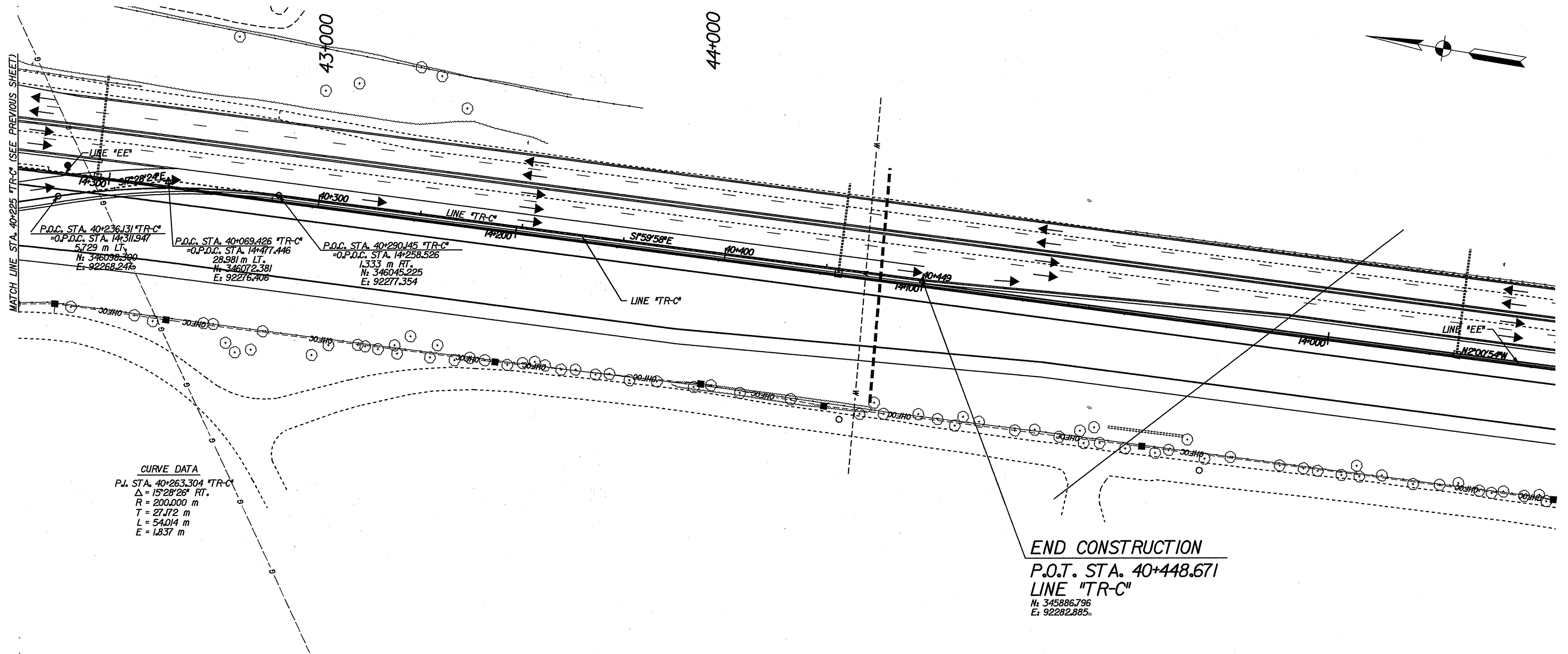
INDIANA  
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
TEMPORARY RAMP - PHASE 2B

HORIZONTAL SCALE 1"=50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 64 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

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**END CONSTRUCTION**  
 P.O.T. STA. 40+448.671  
 LINE "TR-C"  
 N: 345886.796  
 E: 92282.885

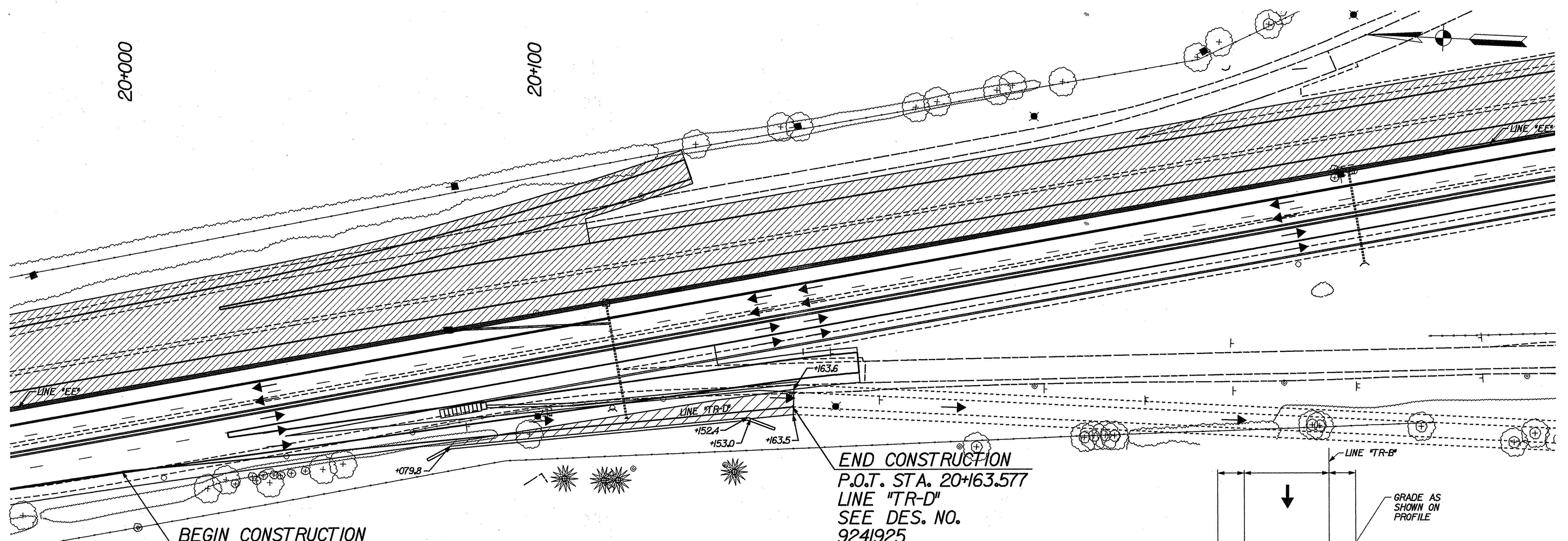


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					RECOMMENDED FOR APPROVAL <i>Mark R. Urban</i> 3/22/02 DESIGN ENGINEER DATE					INDIANA DEPARTMENT OF TRANSPORTATION					HORIZONTAL SCALE 500	BRIDGE FILE			
					DESIGNED: JMW DRAWN: JMW CHECKED: MRU CHECKED: MRU					<b>MAINTENANCE OF TRAFFIC DETAILS          TEMPORARY RAMP - PHASE 2B</b>					VERTICAL SCALE	DESIGNATION 9241965			
										SURVEY BOOK					SHEETS 65 of 130				
										CONTRACT R-24550					PROJECT IM-65-1(140) 6				



R-24550

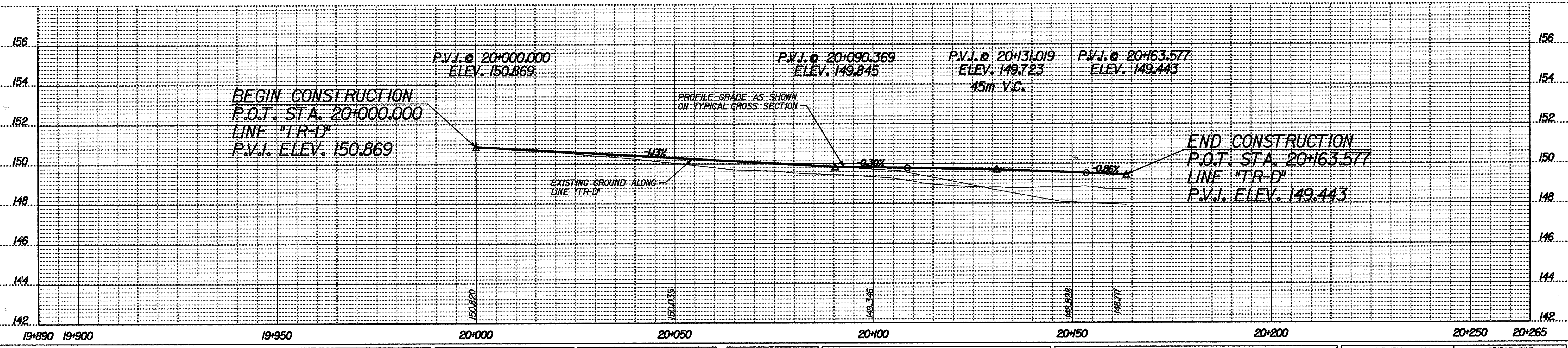
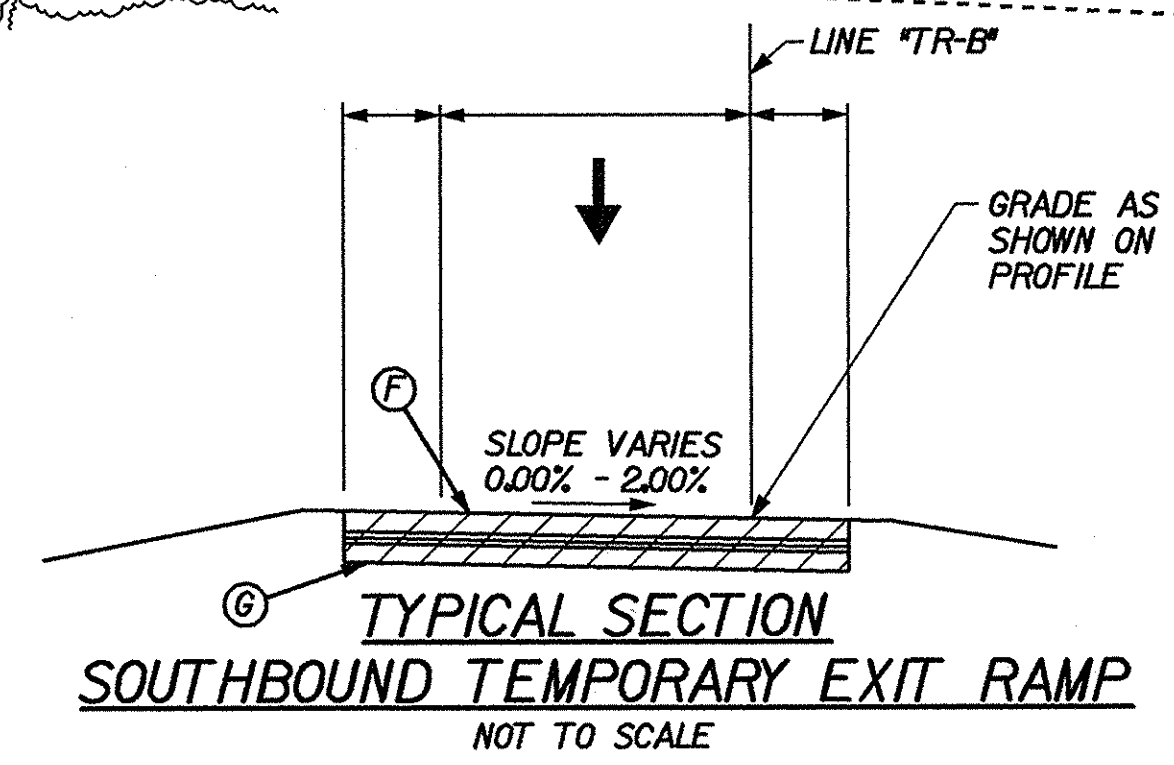


**BEGIN CONSTRUCTION**  
 P.O.B. STA. 20+000.000  
 LINE "TR-D"  
 N: 346986.644  
 E: 92105.695

**LEGEND**  
 CONSTRUCTION AREA

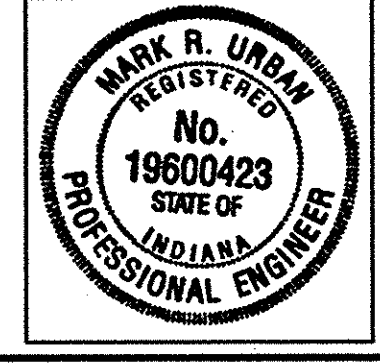
**END CONSTRUCTION**  
 P.O.T. STA. 20+163.577  
 LINE "TR-D"  
 SEE DES. NO.  
 9241925  
 N: 346824.672  
 E: 92128.551

- Ⓕ 75kg/m<sup>2</sup> QC/QA HMA SURFACE 9.5mm, MAINLINE ON, 165kg/m<sup>2</sup> QC/QA HMA INTERMEDIATE 19.0mm, MAINLINE ON, 660kg/m<sup>2</sup> QC/QA HMA BASE 25.0mm  
 PG BINDER GRADE: 70 - 22
- Ⓖ 280mm COMPACTED AGGREGATE FOR BASE, TYPE "0", SIZE NO. 53



16-MAR-2002 22:25  
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19+890	19+900	19+950	20+000	20+050	20+100	20+150	20+200	20+250	20+265



RECOMMENDED FOR APPROVAL  
 Mark R. Urban 3/22/02  
 DESIGN ENGINEER DATE

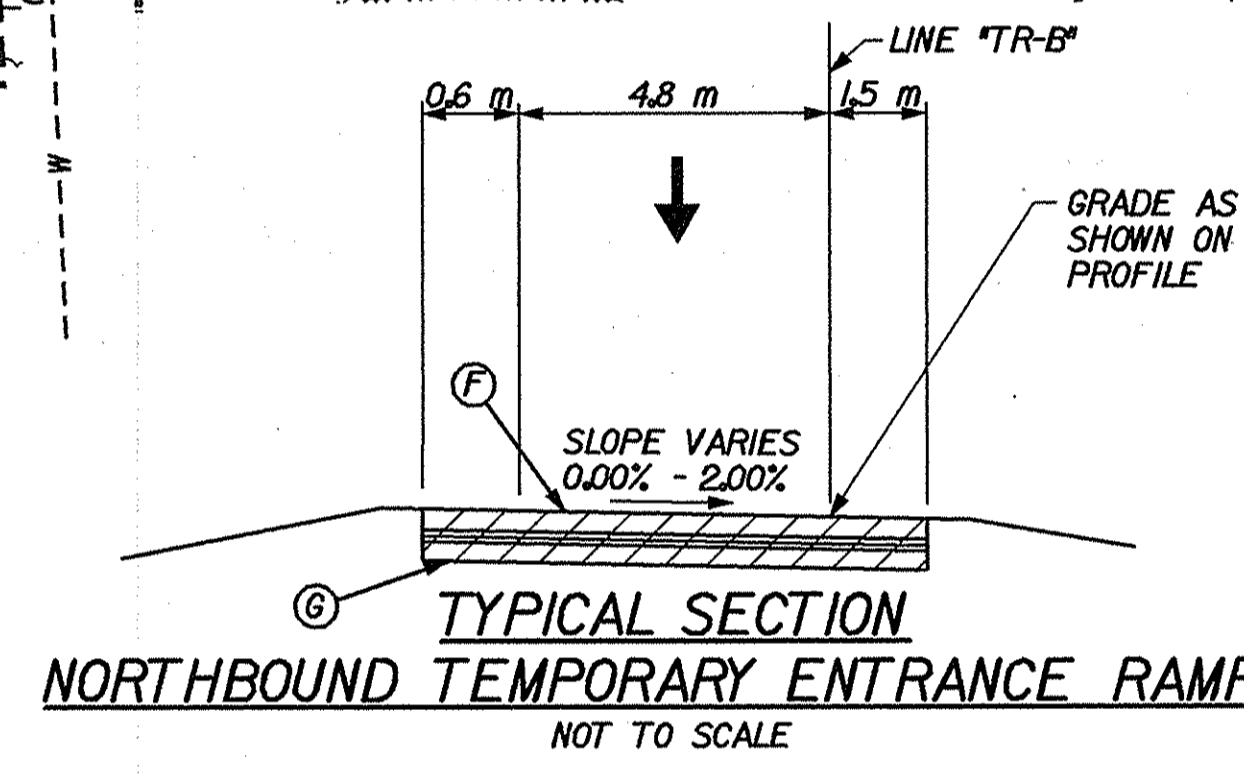
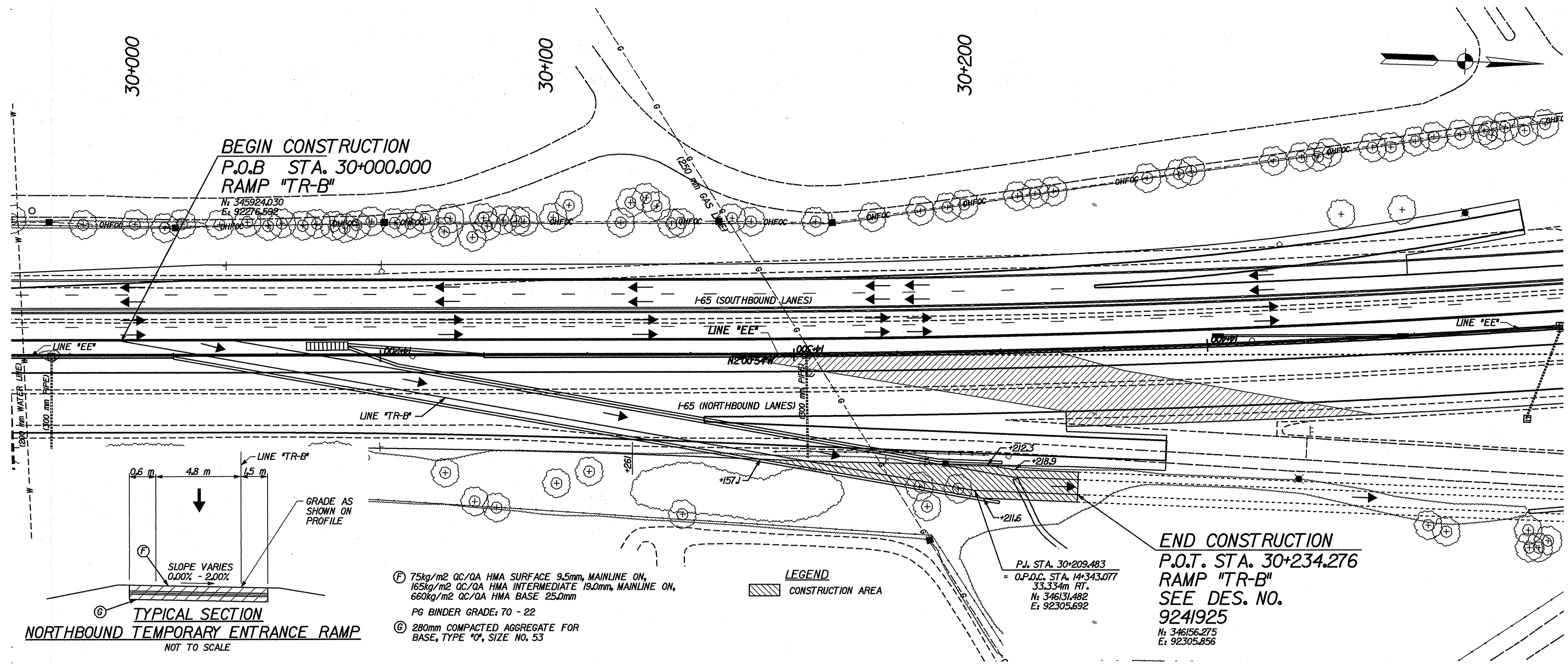
DESIGNED: JMM DRAWN: JMM  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS  
 TEMPORARY RAMP - PHASE 4A

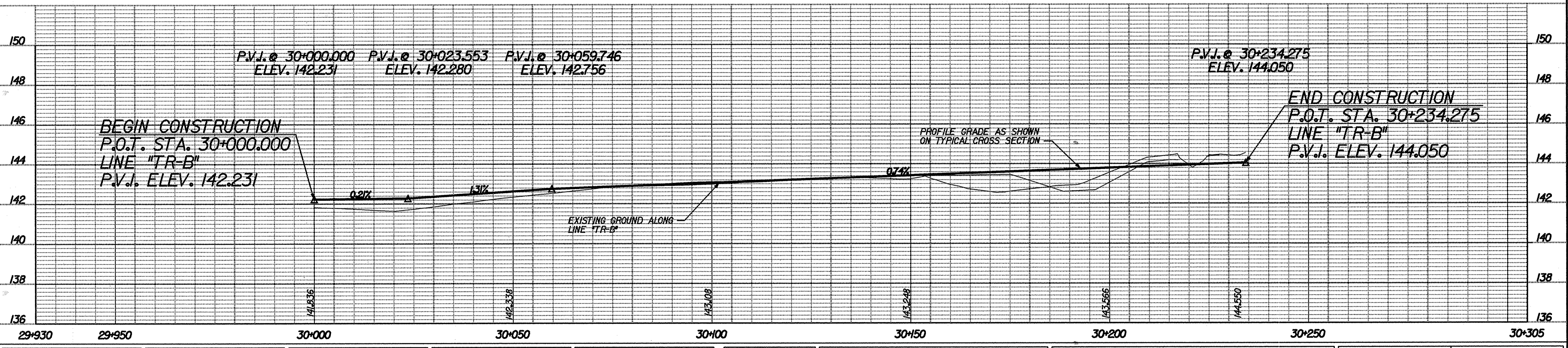
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 66 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6





- Ⓕ 75kg/m<sup>2</sup> QC/QA HMA SURFACE 9.5mm, MAINLINE ON, 165kg/m<sup>2</sup> QC/QA HMA INTERMEDIATE 19.0mm, MAINLINE ON, 660kg/m<sup>2</sup> QC/QA HMA BASE 25.0mm  
PG BINDER GRADE: 70 - 22
- Ⓖ 280mm COMPACTED AGGREGATE FOR BASE, TYPE "0", SIZE NO. 53

**LEGEND**  
CONSTRUCTION AREA



11-MAR-2002 10:10 T:\TRANS\27605\W\std\c\m\401a.dgn

DESIGNED: JMW	DRAWN: JMW		RECOMMENDED FOR APPROVAL: <i>Mark R. Urban</i> 3/22/02 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1:500	BRIDGE FILE
CHECKED: MRU	CHECKED: MRU				VERTICAL SCALE	DESIGNATION 9241965
			MAINTENANCE OF TRAFFIC DETAILS TEMPORARY RAMP - PHASE 4B		SURVEY BOOK	SHEETS 67 of 130
					CONTRACT R-24550	PROJECT IH-65-1(140) 6



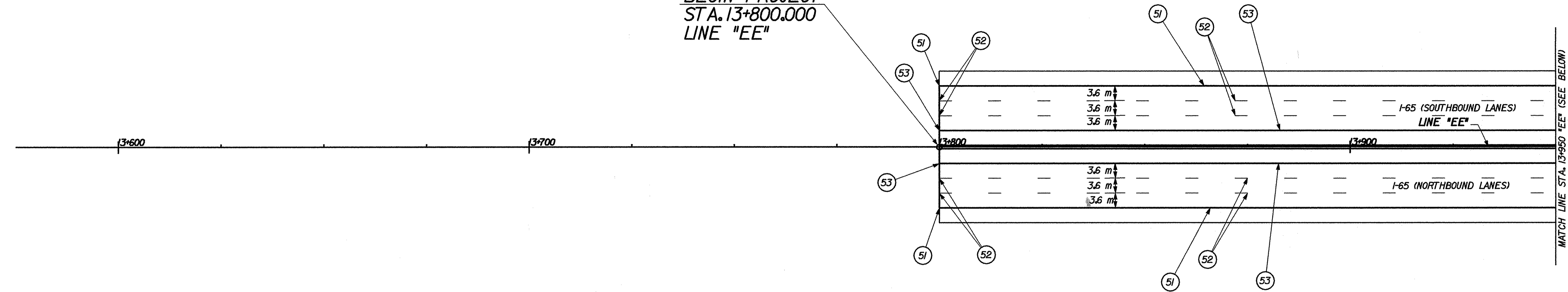
13+600

13+700

13+800

13+900

BEGIN PROJECT  
STA. 13+800.000  
LINE "EE"



**LEGEND**

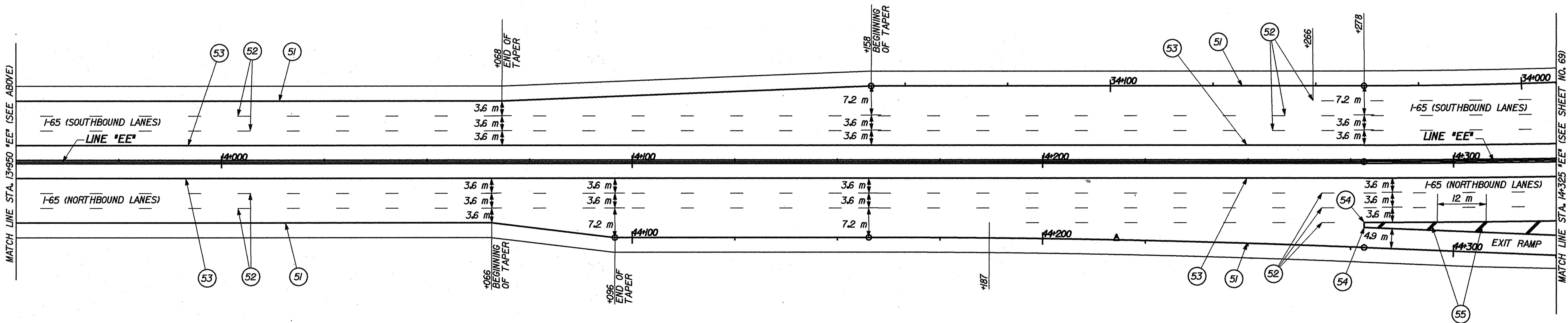
- (51) LINE, EPOXY, SOLID, WHITE, 100 mm
- (52) LINE, EPOXY, BROKEN, WHITE, 125 mm
- (53) LINE, EPOXY, SOLID, YELLOW, 100 mm
- (54) LINE, EPOXY, SOLID, WHITE, 200 mm
- (55) TRANSVERSE MARKINGS, EPOXY, SOLID, WHITE, CROSSHATCH LINE, 600 mm

14+000

14+100

14+200

14+300



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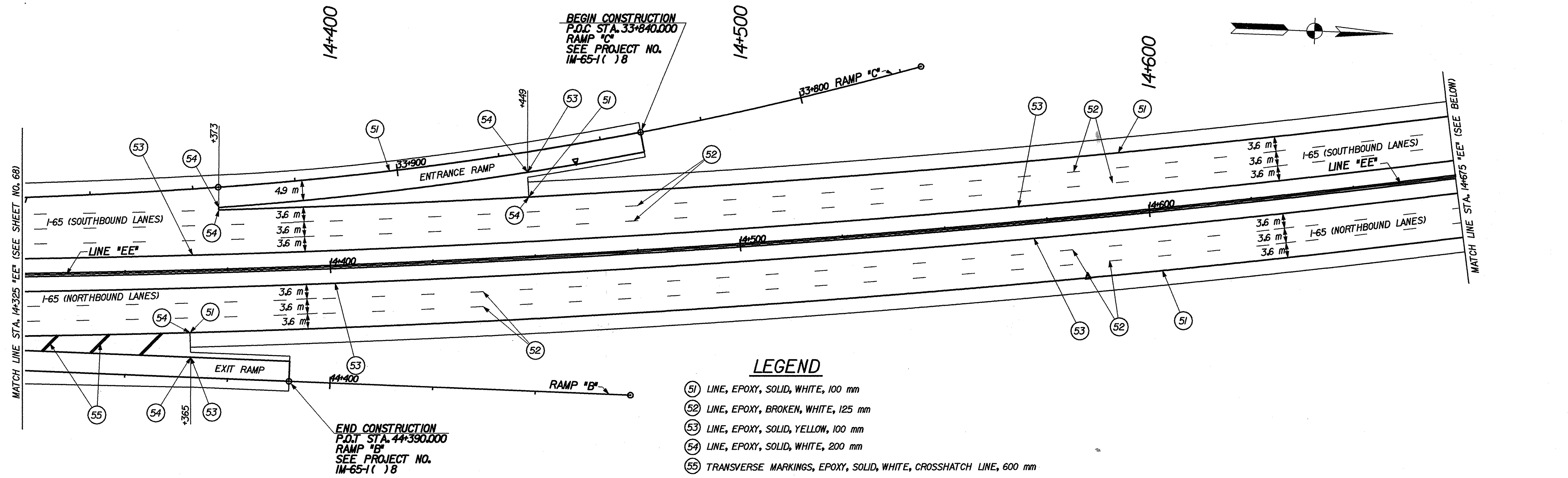
RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: RJS DRAWN: JRR  
CHECKED: MRU CHECKED: MRU

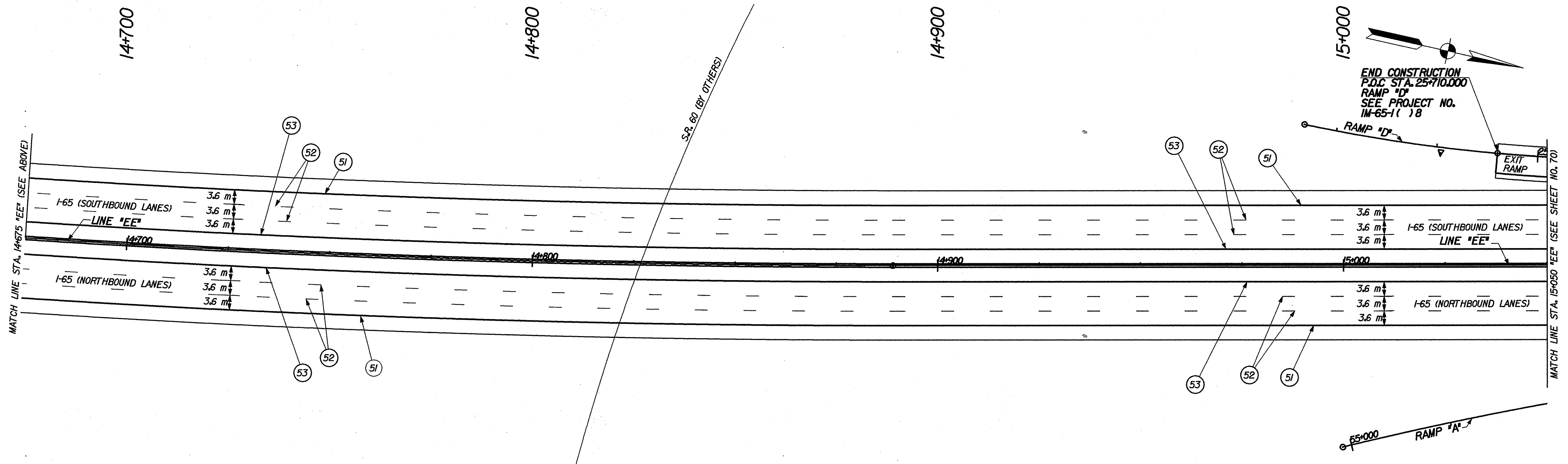
INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

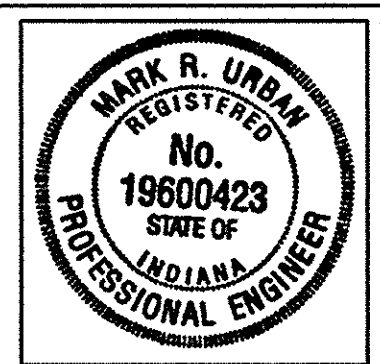
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 68 of 130
CONTRACT R-24550	PROJECT IM-65-1 (140) 6



- LEGEND**
- 51 LINE, EPOXY, SOLID, WHITE, 100 mm
  - 52 LINE, EPOXY, BROKEN, WHITE, 125 mm
  - 53 LINE, EPOXY, SOLID, YELLOW, 100 mm
  - 54 LINE, EPOXY, SOLID, WHITE, 200 mm
  - 55 TRANSVERSE MARKINGS, EPOXY, SOLID, WHITE, CROSSHATCH LINE, 600 mm



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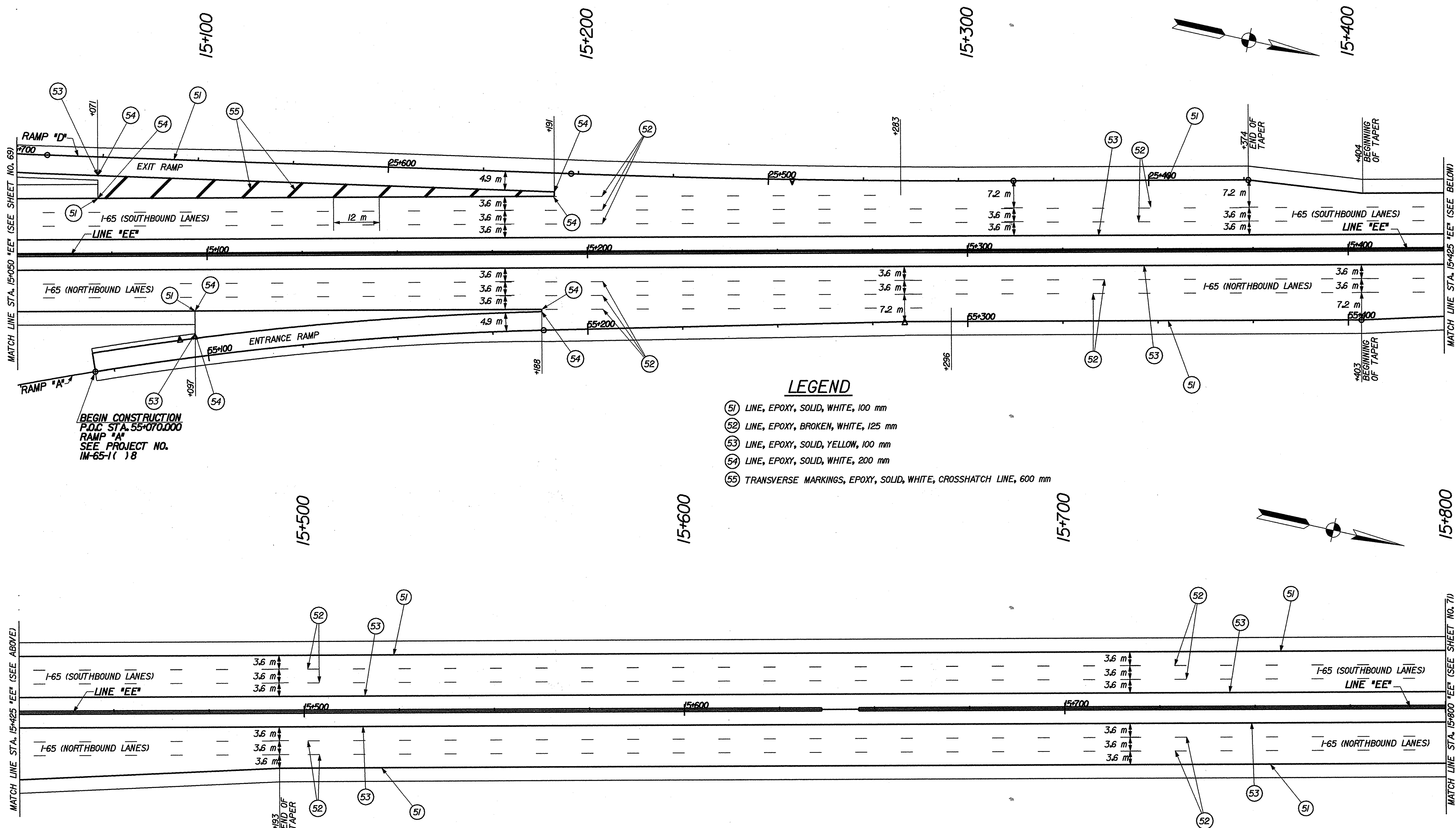


RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE  
 DESIGNED: RJS DRAWN: JRR  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PAVEMENT MARKING DETAILS

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 69 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6

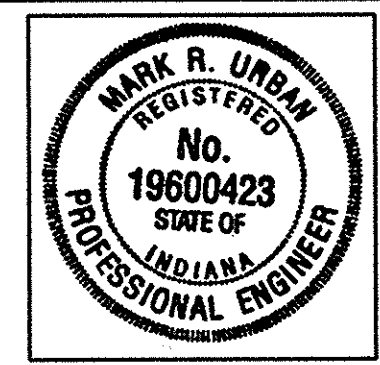




BEGIN CONSTRUCTION  
 P.O.C. STA. 55+070.000  
 RAMP "A"  
 SEE PROJECT NO.  
 IM-65-1(18)

- LEGEND**
- (51) LINE, EPOXY, SOLID, WHITE, 100 mm
  - (52) LINE, EPOXY, BROKEN, WHITE, 125 mm
  - (53) LINE, EPOXY, SOLID, YELLOW, 100 mm
  - (54) LINE, EPOXY, SOLID, WHITE, 200 mm
  - (55) TRANSVERSE MARKINGS, EPOXY, SOLID, WHITE, CROSSHATCH LINE, 600 mm

17-MAR-2002 10:28  
 T:\TRANSP\27606\05\ofa\ac3\pmm03.dgn



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
 DESIGN ENGINEER DATE

DESIGNED: RJS DRAWN: JRR  
 CHECKED: MRU CHECKED: MRU

INDIANA  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 9241965
SURVEY BOOK	SHEETS 70 of 130
CONTRACT R-24550	PROJECT IM-65-1(140) 6



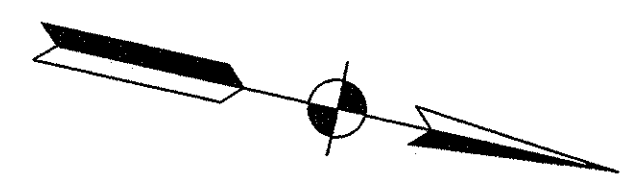


16+600

16+700

16+800

16+900



MATCH LINE STA. 16+550 "EE" (SEE SHEET NO. 71)

MATCH LINE STA. 16+925 "EE" (SEE BELOW)

I-65 (SOUTHBOUND LANES)

I-65 (SOUTHBOUND LANES)

I-65 (NORTHBOUND LANES)

I-65 (NORTHBOUND LANES)

NOTE:  
EXISTING TRANSVERSE MARKINGS  
TO BE REMOVED FROM  
STA. 16+300 TO STA. 16+845

NOTE:  
EXISTING LONGITUDINAL MARKINGS  
TO BE REMOVED FROM  
STA. 16+300 TO STA. 16+845

**LEGEND**

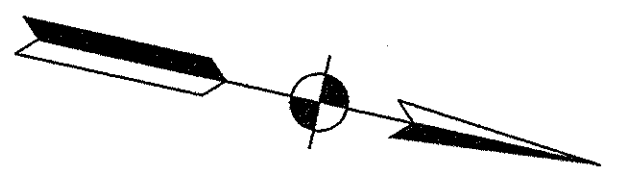
- (52) LINE, EPOXY, BROKEN, WHITE, 125 mm
- (EX) EXISTING PAVEMENT MARKINGS

17+000

17+100

17+200

17+300



MATCH LINE STA. 16+925 "EE" (SEE ABOVE)

I-65 (SOUTHBOUND LANES)

I-65 (SOUTHBOUND LANES)

I-65 (NORTHBOUND LANES)

I-65 (NORTHBOUND LANES)

17-MAR-2002 10:41  
T:\TRANSP\27606\33\606\cas3pm05.dgn



RECOMMENDED FOR APPROVAL *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: RJS DRAWN: JRR  
CHECKED: MRU CHECKED: MRU

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

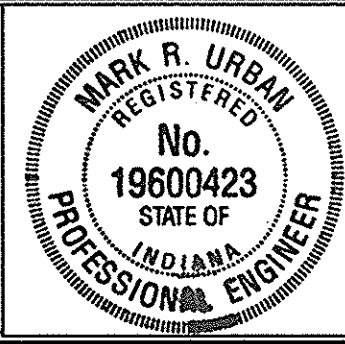
HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 924965
SURVEY BOOK	SHEETS 72 of 130
CONTRACT R-24550	PROJECT I-65-1 (140) 6





# ELEVATION TABLE FOR MEDIAN GUTTER LINE

STATION	P.G. ELEV.	ELEV. "A"	ELEV. "B"	STATION	P.G. ELEV.	ELEV. "A"	ELEV. "B"	STATION	P.G. ELEV.	ELEV. "A"	ELEV. "B"	STATION	P.G. ELEV.	ELEV. "C"	ELEV. "D"	STATION	P.G. ELEV.	ELEV. "A"	ELEV. "B"
I-65	SEE SHEET 22 FOR ADDITIONAL DETAILS																		
LINE "EE"																			
14+200	142.803	142.587	142.587																
14+220	142.959	142.743	142.743																
14+240	143.115	142.899	142.923																
14+260	143.271	143.055	143.127																
14+280	143.427	143.211	143.331																
14+300	143.583	143.367	143.511																
14+320	143.739	143.523	143.667																
14+340	143.895	143.679	143.823																
14+360	144.051	143.835	143.979																
14+380	144.206	143.990	144.134																
14+400	144.362	144.146	144.290																
14+420	144.518	144.302	144.446																
14+440	144.674	144.458	144.602																
14+460	144.830	144.614	144.758																
14+480	144.986	144.770	144.914																
14+500	145.142	144.926	145.070																
14+520	145.298	145.082	145.226																
14+540	145.454	145.238	145.382																
14+560	145.610	145.394	145.538																
14+580	145.765	145.549	145.693																
14+600	145.921	145.705	145.849																
14+620	146.077	145.861	146.005																
14+640	146.233	146.017	146.161																
14+660	146.389	146.173	146.317																
14+680	146.545	146.329	146.473																
14+700	146.701	146.485	146.629																
14+720	146.857	146.641	146.785																
14+740	147.013	146.797	146.941																
14+760	147.169	146.953	147.097																
14+780	147.325	147.109	147.253																
14+800	147.480	147.264	147.408																
14+820	Bridge Pier																		
14+840	Bridge Pier																		
14+860	147.948	147.732	147.876																
14+880	148.105	147.889	148.033																
14+900	148.269	148.053	148.149																
14+920	148.440	148.224	148.272																
14+940	148.618	148.402	148.402																
14+960	148.797	148.581	148.581																
14+980	148.976	148.760	148.760																
15+000	149.155	148.939	148.939																



RECOMMENDED FOR APPROVAL *Mark R. Urban 3/22/02*  
 DESIGN ENGINEER DATE  
 DESIGNED: RJS DRAWN: LAG  
 CHECKED: MRU CHECKED: MRU

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**MEDIAN BARRIER ELEVATION TABLES**

HORIZONTAL SCALE	
VERTICAL SCALE	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	74 OF 130
CONTRACT	PROJECT
R-24550	IM-65-1(140) 6

# LEFT

EROSION CONTROL TABLE OF QUANTITIES

LOCATIONS		TEMPORARY TYPING INLET PROTECTION	TEMPORARY CHECK DAM, REVEINMENT, RIPRAP	SEED MIXTURE, T				
STATION TO STATION	LENGTH				EACH	Mg	kg	
	m							
I-65								
LINE "EE"								
13+805			2.5					
13+833			2.5					
13+861			2.5					
13+889			2.3					
13+917			2.5					
13+945			2.5					
13+973			2.5					
14+001			2.5					
14+029			1.9					
14+051			1.9					
14+071			1.9					
14+090			1.9					
14+120			2.7					
14+150			1.9					
14+180			1.9					
14+200			1.9					
14+220			1.9					
14+240			1.9					
14+261			1.9					
14+291			1.9					
14+321			1.9					
14+352			1.9					
15+084			1.7					
15+114			1.7					
15+144			1.7					
15+174			1.7					
15+204			1.7					
15+234			1.7					
15+264			1.7					
15+294			1.7					
15+324			1.7					
15+354			1.7					
15+384			1.7					
15+414			1.7					
15+444			1.7					
15+474			2.5					
15+504			1.7					
15+534			1.7					
15+564			1.7					
15+594			2.3					
15+624			2.3					
15+654			1.7					
15+684			1.7					
15+714			1.7					
15+744			1.7					
15+774			1.7					
15+804			1.7					
15+834			1.7					
15+864			2.3					
15+894			1.7					
15+914			1.7					
15+934			1.7					
15+954			1.7					
15+974			1.7					
15+994			1.7					
16+014			1.7					
16+034			2.3					
16+054			2.3					
16+074			2.3					
16+094			2.3					
16+114			2.3					
16+134			2.3					
16+154			2.3					
16+174			1.7					
16+204			1.7					
16+234			1.7					
16+264			1.7					
16+294			1.7					
LEFT SUBTOTALS	0		130.1	0.0				

# CENTER

EROSION CONTROL TABLE OF QUANTITIES

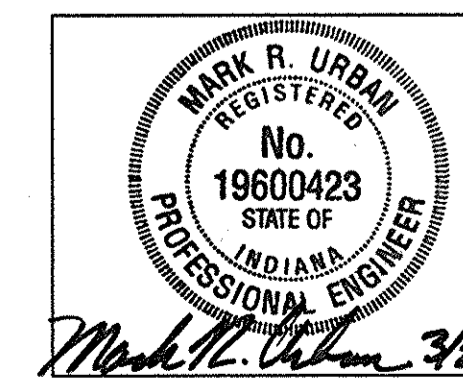
LOCATIONS		TEMPORARY TYPING INLET PROTECTION	TEMPORARY CHECK DAM, REVEINMENT, RIPRAP	SEED MIXTURE, T				
STATION TO STATION	LENGTH				EACH	Mg	kg	
	m							
I-65								
LINE "EE"								
13+800 to 14+075	275.0			8.2				
13+830		2						
13+980		2						
14+033		2						
14+070		2						
14+220		2						
14+360		2						
14+425 to 15+075	650.0			19.3				
14+460		2						
14+530		2						
14+600		2						
14+700		2						
14+800		2						
14+880		2						
14+960		2						
15+125 to 16+025	900.0			26.7				
15+140		2						
15+320		2						
15+500		2						
15+820		2						
16+000		2						
16+160		2						
CENTER SUBTOTALS		38	0.0	54.2025				

# RIGHT

EROSION CONTROL TABLE OF QUANTITIES

LOCATIONS		TEMPORARY TYPING INLET PROTECTION	TEMPORARY CHECK DAM, REVEINMENT, RIPRAP	SEED MIXTURE, T				
STATION TO STATION	LENGTH				EACH	Mg	kg	
	m							
I-65								
LINE "EE"								
13+800 to 14+390	0.0			50.5				
13+800			1.9					
13+830			1.9					
13+860			1.9					
13+890			1.9					
13+920			1.9					
13+950			1.9					
13+980			1.9					
14+010			1.9					
14+040			1.9					
14+055			1.9					
14+070			1.7					
14+085			1.7					
14+100			1.7					
14+115			1.7					
14+130			1.7					
14+160			1.7					
14+190			1.7					
14+220			1.7					
14+250			1.7					
14+391 to 15+067	0.0			61.7				
15+072 to 16+300	0.0			112.4				
15+200			2.3					
15+230			2.3					
15+260			2.3					
15+290			2.3					
15+320			2.3					
15+350			2.3					
15+380			2.3					
15+410			1.9					
15+440			1.9					
15+470			1.9					
15+500			1.9					
15+530			1.9					
15+560			1.9					
15+590			1.9					
15+620			1.9					
15+650			1.9					
15+680			1.9					
15+710			1.9					
15+740			1.9					
15+770			1.9					
15+800			1.9					
15+830			1.9					
15+860			1.9					
15+890			1.9					
15+905			1.9					
15+920			1.9					
15+935			1.9					
15+950			1.9					
15+980			1.9					
16+010			1.9					
16+040			1.9					
16+070			1.9					
16+100			1.9					
16+130			1.9					
16+142			1.9					
16+154			1.9					
16+166			1.9					
16+178			1.9					
16+190			1.9					
16+210			1.9					
16+230			1.9					
16+260			1.9					
16+290			2.5					
RIGHT SUBTOTALS	0		117.5	224.6				

## EROSION CONTROL TABLE



Mark R. Urban 3/22/02





EROSION CONTROL BLANKET TABLE

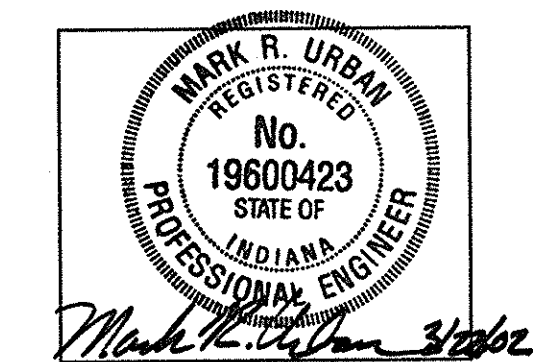
LOCATIONS		LENGTH	FORESLOPE	BACKSLOPE	AVERAGE HEIGHT	BLANKET AREA
FROM STATION	TO STATION					
		m			m	m <sup>2</sup>
I-65 LINE "EE" NORTHBOUND LANE						
13+800	14+100	300.0	X		6.9	2078.8
14+080	14+220	140.0		X	6.2	868.8
14+120	14+420	300.0	X		2.1	622.3
15+400	15+920	520.0		X	3.4	1786.1
15+920	16+280	340.0		X	2.3	792.0
SUBTOTAL "A"		1600.0				6129.0

EROSION CONTROL BLANKET TABLE

LOCATIONS		LENGTH	FORESLOPE	BACKSLOPE	AVERAGE HEIGHT	BLANKET AREA
FROM STATION	TO STATION					
		m			m	m <sup>2</sup>
I-65 LINE "EE" SOUTHBOUND LANE						
14+160	14+420	260.0		X	3.5	909.3
15+060	15+400	340.0	X		3.0	1006.9
15+060	15+400	340.0		X	4.3	1453.6
15+660	15+920	260.0	X		3.2	844.6
15+920	16+300	380.0	X		4.2	1580.0
15+920	16+020	100.0		X	4.3	426.0
16+180	16+300	120.0		X	3.8	456.0
SUBTOTAL "B"		1800.0				6676.4
SUBTOTAL "A"		1600.0				6129.0
SUBTOTAL "B"		1800.0				6676.4
TOTALS		3400.0				12805.3

PLEASE NOTE:  
EROSION CONTROL BLANKETS ARE REQUIRED WHEN  
THE FORESLOPES AND BACKSLOPES ARE DETERMINED  
TO BE GREATER THAN 3:1.

EROSION CONTROL BLANKET  
TABLE









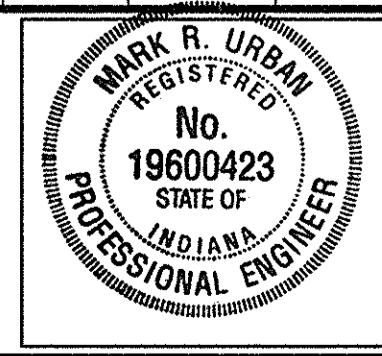
## SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH		DISTANCE BEYOND RW LINE	RADI		EXCAVATION		CC/QA PORTLAND CEMENT CONCRETE PAVEMENT, 300 mm	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT FOR SHOULDER, 300 mm	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT, 300 mm	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT FOR SHOULDER, 350 mm	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT, 350 mm, MODIFIED	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT FOR SHOULDER, 375 mm, MODIFIED	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT, 375 mm	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT FOR SHOULDER, 375 mm	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT, 375 mm, MODIFIED	CC/QA PORTLAND CEMENT CONCRETE PAVEMENT FOR SHOULDER, 375 mm, MODIFIED	COMPACTED AGGREGATE FOR BASE, TYPE O, NO. 63	COMPACT AGGREGATE FOR SHOULDER, TYPE O, NO. 63	SUBBASE FOR PORTLAND CEMENT CONCRETE PAVEMENT	WIDENING WITH CC/QA HMA	ASPHALT FOR TACK COAT	ASPHALT FOR PRIME COAT	CONTRACTION JOINT/D1	BARRIER, MEDIAN, CONCRETE, 1146 mm	CONCRETE, A (For Mod. Barrier, Median, Conc., 1146mm)	PAVEMENT REMOVE	SURFACE MILLING, ASPHALT	MILLED CONCRETE SHOULDER CORRUGATIONS			
		"W"	"L"		"R"	CUT	FILL																										
		m	m	m	m	m	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	m <sup>3</sup>	Mg	Mg	m <sup>3</sup>	Mg	Mg	Mg	m	m	m <sup>3</sup>	m <sup>2</sup>	m <sup>2</sup>	m <sup>2</sup>			
I-65 LINE "EE"																																	
MAINLINE																																	
NORTHBOUND LANES																																	
(BEGIN CONCRETE CURING EXPERIMENT)																																	
13+800.000 TO 13+943.100	ROADWAY	10.80	143.100	NA	NA	83515.0	3255.8					356.4	238.3			1010.9	794.9		1409.9	540.1						259.2							
(END CONCRETE CURING EXPERIMENT)																																	
13+943.100 TO 16+300.000	ROADWAY	VARIABLE	2356.900	NA	NA									29286.0	16879.3				27115.2	3620.5	10387.2					5324.7	2070.0	643.7	20457.4	7500.0			
SOUTHBOUND LANES																																	
13+800.000 TO 16+300.000	ROADWAY	VARIABLE	2500.000	NA	NA									31534.2	17935.2				29055.9	3593.1	11130.6					5733.5			20492.1	5000.0			
RAMP "A"																																	
55+070.000 TO 55+097.280	ROADWAY	4.9	27.280	NA	NA			133.7	147.3							285.7			399.4	70.7	127.5					24.3			253.36	78.3	54.6		
RAMP "B"																																	
44+365.799 TO 44+390.000	ROADWAY	4.9	23.201	NA	NA			118.6	130.7							304.1			390.0	62.7	124.5					21.6			201.0	76.9	48.4		
RAMP "C"																																	
33+840.000 TO 33+868.888	ROADWAY	4.9	28.888	NA	NA			141.5	156.0							213.3			360.0	74.8	114.9					25.7			423.2	81.9	57.8		
RAMP "D"																																	
25+676.264 TO 25+710.000	ROADWAY	4.9	33.706	NA	NA			164.4	182.2							432.0			548.7	87.4	175.2					29.9			191.5	79.7	67.1		
PHASE 2 HOT CROSSOVER																																	
13+555.000 TO 13+800.000	ROADWAY	VARIABLE	245.00	NA	NA														989.2				1323.6	0.8	2.4								
TOTALS																																	
						83515.0	3255.8			558.2	616.2			356.4	238.3	60820.3	35049.6	1010.9	794.9	60268.4	7509.1	22600.1		1323.6	0.8	2.4	11418.9	2070.0	643.7	42018.5	316.8	12727.8	
		COMBINED TOTAL				1174.3																											
		COMBINED TOTAL				594.7																											
		COMBINED TOTAL				96869.9																											
		COMBINED TOTAL				1805.8																											
		COMBINED TOTAL				67777.5																											

NOTES:  
Earthwork for the Ramps is included with the I-65 Mainline earthwork.

Per Telephone conversation on 9/18/01, Mr. John Healy of the Indot Central District Technical Services Section instructed us to use the same pavement on the shoulders that was being used on the mainline since there is no pay item for 375 mm CC/QA PCCP Shoulders in Highest.

HNTB has done the mainline and shoulder quantities separately and will combine the totals as one pay item per Mr. Healy's direction



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: JME DRAWN: JME  
CHECKED: JMW CHECKED: JMW

**INDIANA DEPARTMENT OF TRANSPORTATION**

**QUANTITY AND APPROACH TABLE**

HORIZONTAL SCALE \_\_\_\_\_  
VERTICAL SCALE \_\_\_\_\_ DESIGNATION \_\_\_\_\_  
9241965  
SURVEY BOOK \_\_\_\_\_ SHEETS \_\_\_\_\_  
79 OF 130  
CONTRACT \_\_\_\_\_ PROJECT \_\_\_\_\_  
R-24550 IM-65-1(140)6













## UNDERDRAIN TABLE

Underdrain Pipe Limits	UNDERDRAIN PIPE							OUTLET PIPE										OUTLET PROTECTORS				Remarks					
	Type 4 Pipe		Geotextile for Underdrains	Aggregate for Underdrains	HMA for Underdrains	Special Grade	Flow Line Elevation @ Underdrain Pipe Limit	Outlet Pipe Required	Connect Underdrain Pipe to Structure No. _____	Structure Invert Elevation	45 Degree Elbows Required (1 or 2)	150 mm Outlet Pipe	Outlet Station	Outlet Elevation	Outlet at Outlet Protector No. _____	Ditch Flow Line Elevation at Outlet Protector	Connect Outlet Pipe to Structure No. _____	Structure Invert Elevation	B Borrow for Structure Backfill	HMA for Underdrains	Outlet Protector No.		Outlet Protector Type	Location			
	100 mm	200 mm																						Outside Left	Median Left	Median Right	Outside Right
(m)	(m)	(m <sup>2</sup> )	(m <sup>3</sup> )	(Mg)	%		(Y/N)				(m)							(m <sup>3</sup> )	(Mg)								
13+800		30.0	66.6	6.9			141.430	N																			
13+830							141.280	N																			
13+830		150.0	333.0	34.4			141.280	N																			
13+980							140.440	N																			
13+980		52.6	116.8	12.0			140.440	N																			
14+033							140.250	N																			
14+033		37.4	83.0	8.6			140.250	N																			
14+070							140.350	N																			
14+070		150.0	333.0	34.4			140.350	N																			
14+220							141.510	N																			
14+220		140.0	310.8	32.1			141.510	N																			
14+360							142.740	N																			
14+360		100.0	222.0	22.9			142.740	N																			
14+460							143.520	N																			
14+460		70.0	155.4	16.0			143.520	N																			
14+530							144.070	N																			
14+530		70.0	155.4	16.0			144.070	N																			
14+600							144.610	N																			
14+600		100.0	222.0	22.9			144.610	N																			
14+700							145.390	N																			
14+700		100.0	222.0	22.9			145.390	N																			
14+800							146.100	N																			
14+800		80.0	177.6	18.3			146.100	N																			
14+880							146.800	N																			
14+880		80.0	177.6	18.3			146.800	N																			
14+960							147.340	N																			
14+960		180.0	399.6	41.2			147.340	N																			
15+140							148.960	N																			
15+140		180.0	399.6	41.2			148.960	N																			
15+320							150.570	N																			
Subtotal 4		1520.0	3374.4	348.1							0.0	0.0							0.0								

MEDIAN



RECOMMENDED FOR APPROVAL: *Mark R. Urban* 3/22/02  
DESIGN ENGINEER DATE

DESIGNED: AMD DRAWN: AMD  
 CHECKED: JMW CHECKED: JMW

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 UNDERDRAIN  
 TABLE

SCALE NONE	BRIDGE FILE
	DESIGNATION 9241985
SURVEY BOOK	SHEET 83 OF 130
CONTRACT R-24550	PROJECT IM-65-(140) 6





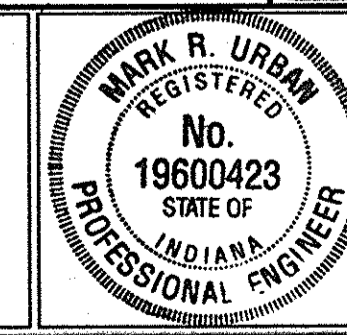




# STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	DESCRIPTION SEE PIPE MATERIAL SHEET FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP & FOR LEGEND OF ABBREVIATIONS.	FLOW LINE					SERVICE LIFE YRS.	SITE DESIGNATION	PH	"B" BORROW FOR STR. BACKFILL	VELOCITY	RIPRAP	CONCRETE CLASS "A"	PIPE END SECTION	GRATED BOX END SECTION		SAFETY METAL END SECTION		CONNECT TO STR.	REMARKS		
	STATION	LEFT	RIGHT				CROSS	COVER	UP STREAM	DOWN STREAM	ELEV.									ELEV.	TYPE	SLOPE	EA.			SLOPE	EA.
<b>I-65 EXISTING STORM STRUCTURES</b>																											
LINE "EE"																											
100	13+785.635		X		300	EXIST. INLET & PIPE																			BEYOND PROJECT LIMITS		
101	13+968.468		X		300	EXIST. INLET & PIPE																			REMOVE EXISTING INLET AND PIPE		
102	14+014.175		X		1950	EXIST. PIPE																			NO CHANGE REQ'D		
103	14+042.142	X			450	EXIST. PIPE																			NO CHANGE REQ'D		
104	14+120.588		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
105	14+303.031		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
106	14+485.864		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
107	14+749.513		X		1.27m x 787	EXIST. PIPE																			REMOVE EXIST. PIPE		
108	14+769.704	X			300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
109	14+791.310	X			450	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
110	14+912.484		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
111	15+095.442		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
112	15+278.601		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
113	15+482.572		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
114	15+918.432		X		450	EXIST. PIPE																			NO CHANGE REQ'D		
115	16+023.957		X		300	EXIST. PIPE																			REMOVE EXIST. PIPE		
116	16+100.667		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
117	16+118.774		X		300	EXIST. PIPE																			NO CHANGE REQ'D		
118	16+204.221		X		900	EXIST. PIPE																			NO CHANGE REQ'D		
119	16+283.598		X		300	EXIST. INLET & PIPE																			REMOVE EXIST. INLET AND PIPE		
120	16+300.685		X		380	EXIST. INLET & PIPE																			REMOVED IN PREVIOUS CONTRACT		
121	16+390.000		X		380	EXIST. PIPE																			REMOVED IN PREVIOUS CONTRACT		
122	16+450.478		X		380	EXIST. PIPE																			REMOVED IN PREVIOUS CONTRACT		
123	16+510.000		X		380	EXIST. PIPE																			REMOVED IN PREVIOUS CONTRACT		
<b>I-65 PROPOSED STORM STRUCTURES</b>																											
LINE "EE"																											
200	13+830.000		X		375	2 MOD. INLET, TYPE "H-5"	21.8	0.82	141.314	141.076	75	N	6.5	15.2	1.37	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
201	13+980.000		X		450	2 MOD. INLET, TYPE "H-5"	24.4	0.98	139.969	139.850	75	N	6.5	30.0	1.47	6.92									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
202	14+032.625		X		375	2 MOD. INLET, TYPE "H-5"	52.6	0.71	140.287	140.029	75	N	6.5	42.4	1.26	5.77								201	17.00 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
203	14+070.000		X		375	2 MOD. INLET, TYPE "H-5"	22.7	0.71	140.036	139.924	75	N	6.5	18.3	1.24	0.00									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
204	14+220.000		X		375	2 MOD. INLET, TYPE "H-5"	24.9	0.52	141.542	141.419	75	N	6.5	14.5	1.23	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	DESCRIPTION SEE PIPE MATERIAL SHEET FOR ACCEPTABLE TYPE OF PIPE WITHIN EACH GROUP & FOR LEGEND OF ABBREVIATIONS.	FLOW LINE					SERVICE LIFE YRS.	SITE DESIGNATION	PH	"B" BORROW FOR STR. BACKFILL	VELOCITY	RIPRAP	CONCRETE CLASS "A"	PIPE END SECTION	GRATED BOX END SECTION		SAFETY METAL END SECTION		CONNECT TO STR.	REMARKS		
	STATION	LEFT	RIGHT				CROSS	COVER	UP STREAM	DOWN STREAM	ELEV.									ELEV.	TYPE	SLOPE	EA.			SLOPE	EA.
<b>I-65 PROPOSED STORM STRUCTURES (CONT.)</b>																											
205	14+360.000		X		375	2 MOD. INLET, TYPE "H-5"	25.2	0.55	142.633	142.509	75	N	6.5	15.5	1.19	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
206	14+460.000		X		450	2 MOD. INLET, TYPE "H-5"	34.1	0.80	143.172	143.003	75	N	6.5	33.9	1.35	6.92									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
207	14+530.000		X		375	2 MOD. INLET, TYPE "H-5"	70.0	0.92	143.577	143.232	75	N	6.5	74.2	1.16	5.77								208	8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
208	14+600.000		X		375	2 INLET, TYPE "H-5"	22.0	0.64	144.504	144.395	75	N	6.5	15.9	1.20	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
209	14+700.000		X		375	2 INLET, TYPE "H-5"	24.0	0.64	145.283	145.164	75	N	6.5	17.3	1.19	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
210	14+800.000		X		375	2 INLET, TYPE "H-5"	25.0	0.72	145.996	145.828	75	N	6.5	20.4	1.35	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
211	14+880.000		X		375	2 INLET, TYPE "H-5"	24.5	0.66	146.687	146.499	75	N	6.5	18.3	1.48	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
212	14+960.000		X		375	2 MOD. INLET, TYPE "H-5"	30.2	0.30	147.253	147.146	75	N	6.5	27.6	1.58	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D. OUTLETS TO W. DITCH AT STA. 14+940		
213	15+140.000		X		375	2 MOD. INLET, TYPE "H-5"	28.2	0.48	148.991	148.832	75	N	6.5	15.1	1.35	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
214	15+320.000		X		375	2 MOD. INLET, TYPE "H-5"	23.4	0.52	150.599	150.464	75	N	6.5	13.6	1.34	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
215	15+500.000		X		375	2 MOD. INLET, TYPE "H-5"	21.2	0.56	152.203	152.097	75	N	6.5	13.3	1.20	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
216	15+820.000		X		375	2 MOD. INLET, TYPE "H-5"	21.2	0.52	151.823	151.718	75	N	6.5	12.3	1.24	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
217	16+000.000		X		375	2 MOD. INLET, TYPE "H-5"	20.5	0.59	148.584	148.383	75	N	6.5	13.8	1.68	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		
218	16+180.000		X		375	2 MOD. INLET, TYPE "H-5"	20.5	0.60	145.384	145.174	75	N	6.5	13.8	1.69	5.77									8.50 m OF 300 mm SLOTTED DRAIN PIPE IN SB AND NB MEDIAN REQ'D.		



RECOMMENDED FOR APPROVAL *Mark R. Urban 3/2/02*  
 DESIGN ENGINEER DATE  
 DESIGNED: RJS DRAWN: JMW  
 CHECKED: MRU CHECKED: JME

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**STRUCTURE DATA TABLE**

HORIZONTAL SCALE	DESIGNATION
VERTICAL SCALE	9241965
SURVEY BOOK	SHEETS
	86 OF 130
CONTRACT	PROJECT
R-24550	IM-65-I(14)08

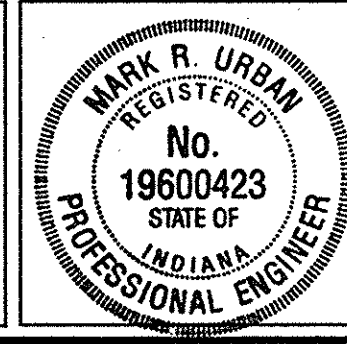


# PIPE MATERIALS

PIPE TYPE / SHAPE	STRUCTURE NUMBER																		
	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218
SMOOTH PIPE SIZE	375 mm	450 mm	375 mm	375 mm	375 mm	375 mm	450 mm	375 mm	375 mm	375 mm	375 mm	375 mm	375 mm	375 mm	375 mm	375 mm	375 mm	375 mm	375 mm
CORRUGATED PIPE SIZE																			
RCP / RCHEP (S) CLASS	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II	II
D <sub>63</sub> RATING	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	60.0	50.0	50.0	50.0	50.0	50.0	50.0
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
CORRUGATED PE PIPE, TYPE S (S) *	OK	OK	OK	OK															
RIBBED PE PIPE (S) *		OK																	
SMOOTH WALL PE PIPE (S) * / MAXIMUM DR	OK / 26.00	OK / 26.00	OK / 26.00	OK / 26.00			OK / 26.00	OK / 26.00	OK / 26.00	OK / 26.00	OK / 26.00	OK / 26.00							
PROFILE WALL PVC PIPE (S)		OK					OK	OK	OK	OK	OK	OK							
SMOOTH WALL PVC PIPE (S) *	OK	OK	OK	OK			OK	OK	OK	OK	OK	OK							
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)																			
FULLY BIT. PAVED AND LINED (S)	CORR. PROFILE																		
	THICKNESS																		
ZINC COATED (C)	CORR. PROFILE																		
	THICKNESS																		
ZINC COATED W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
ALUM. COATED TYPE 2 (C)	CORR. PROFILE																		
	THICKNESS																		
ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																		
	THICKNESS																		
POLYMER PRECOATED GALVANIZED W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE																		
	THICKNESS																		
FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE																		
	THICKNESS																		
CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
STR. PLATE ALUMINUM ALLOY PIPE (C)	CORR. PROFILE																		
	THICKNESS																		
STR. PLATE ALUMINUM ALLOY PIPE W/ CFP (C)	CORR. PROFILE																		
	THICKNESS																		
STR. PLATE STEEL PIPE (C)	CORR. PROFILE																		
	THICKNESS **																		
STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE																		
	THICKNESS **																		

PIPE TYPE / SHAPE	STRUCTURE NUMBER																		
	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218
SMOOTH PIPE SIZE																			
CORRUGATED PIPE SIZE																			
RCP / RCHEP (S) CLASS																			
D <sub>63</sub> RATING																			
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)																			
CORRUGATED PE PIPE, TYPE S (S) *																			
RIBBED PE PIPE (S) *																			
SMOOTH WALL PE PIPE (S) * / MAXIMUM DR																			
PROFILE WALL PVC PIPE (S)																			
SMOOTH WALL PVC PIPE (S) *																			
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)																			
FULLY BIT. PAVED AND LINED (S)	CORR. PROFILE																		
	THICKNESS																		
ZINC COATED (C)	CORR. PROFILE																		
	THICKNESS																		
ZINC COATED W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
ALUM. COATED TYPE 2 (C)	CORR. PROFILE																		
	THICKNESS																		
ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE																		
	THICKNESS																		
POLYMER PRECOATED GALVANIZED W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE																		
	THICKNESS																		
FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE																		
	THICKNESS																		
CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE																		
	THICKNESS																		
STR. PLATE ALUMINUM ALLOY PIPE (C)	CORR. PROFILE																		
	THICKNESS																		
STR. PLATE ALUMINUM ALLOY PIPE W/ CFP (C)	CORR. PROFILE																		
	THICKNESS																		
STR. PLATE STEEL PIPE (C)	CORR. PROFILE																		
	THICKNESS **																		
STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE																		
	THICKNESS **																		

- ### LEGEND
- RCP - REINFORCED CONCRETE PIPE
  - RCHEP - REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE
  - PE - POLYETHYLENE
  - DR - DIMENSION RATIO
  - PVC - POLYVINYLCHLORIDE
  - BIT - BITUMINOUS
  - CORR - CORRUGATION
  - BPI - BITUMINOUS PAVED INVERT
  - ALUM - ALUMINUM
  - STR - STRUCTURAL
  - CIR - CIRCULAR PIPE
  - DEF - DEFORMED PIPE
  - CFP - CONCRETE FIELD PAVING
  - (S) - SMOOTH PIPE MATERIAL
  - (C) - CORRUGATED PIPE MATERIAL
  - OK - ACCEPTABLE FOR USE
  - (LS) - LOCK SEAM PIPE REQUIRED
- \* - REFER TO STANDARD DRAWING 715-PHCL-18 OR 19 FOR NOMINAL DIAMETER APPROPRIATE FOR PAY ITEM DIAMETER
- \*\* - TABULATED THICKNESS REFERS TO TOP & SIDE PLATES. BOTTOM PLATES SHALL BE OF NEXT GREATER AVAILABLE THICKNESS.



RECOMMENDED FOR APPROVAL: *Mark R. Urban 3/22/02*  
 DESIGN ENGINEER DATE

DESIGNED: JMW      DRAWN: JMW  
 CHECKED: MRU      CHECKED: MRU

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PIPE MATERIALS SHEET**

SCALE	BRIDGE FILE
	DESIGNATION
	9241965
SURVEY BOOK	SHEETS
	87 OF 130
CONTRACT	PROJECT
R-24550	IM-65-1(140)6