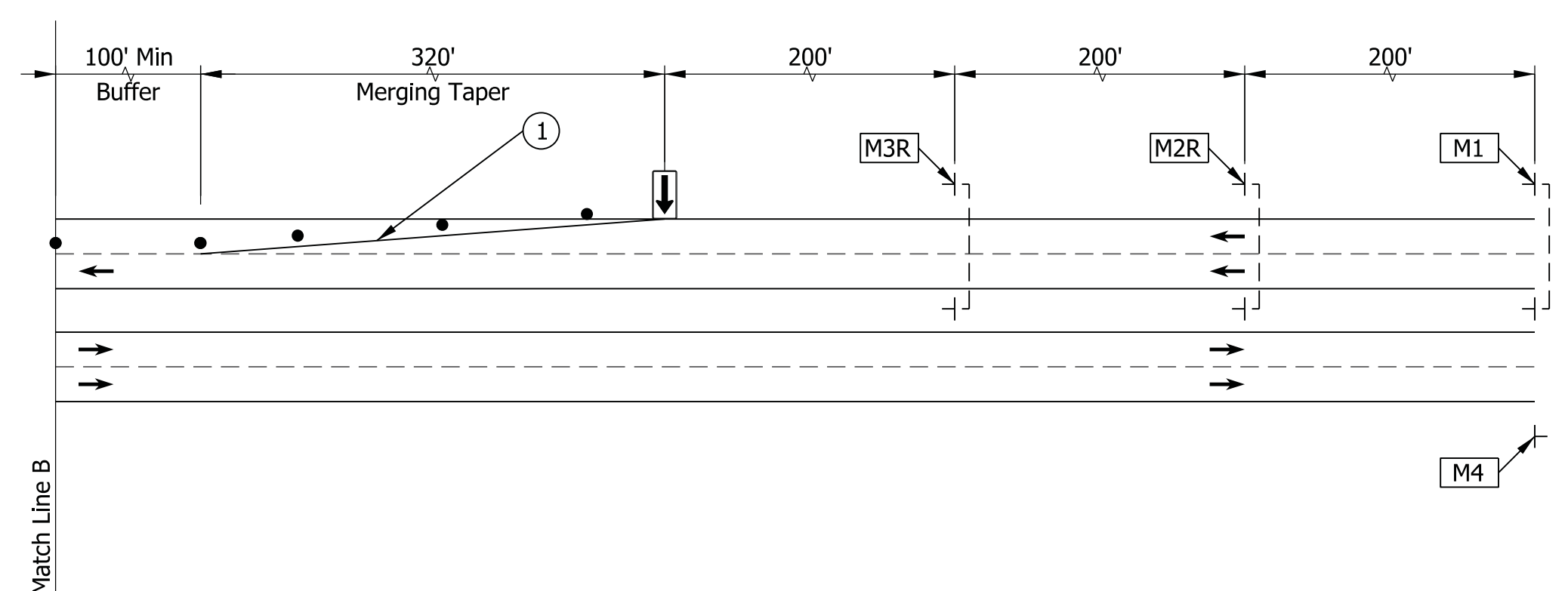
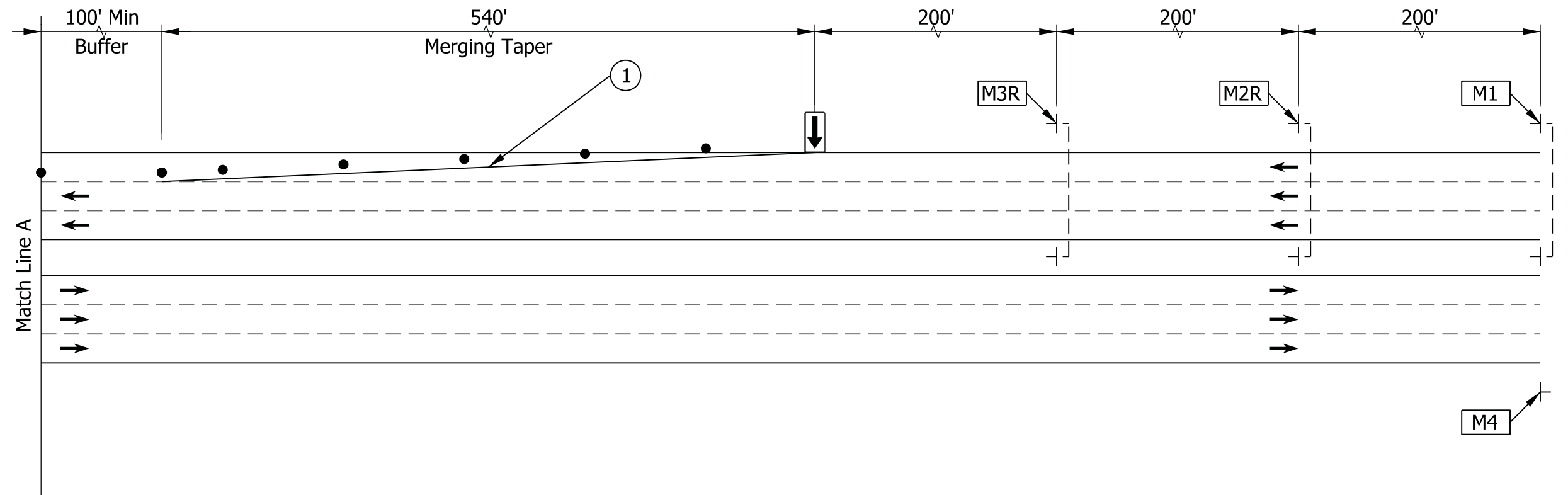
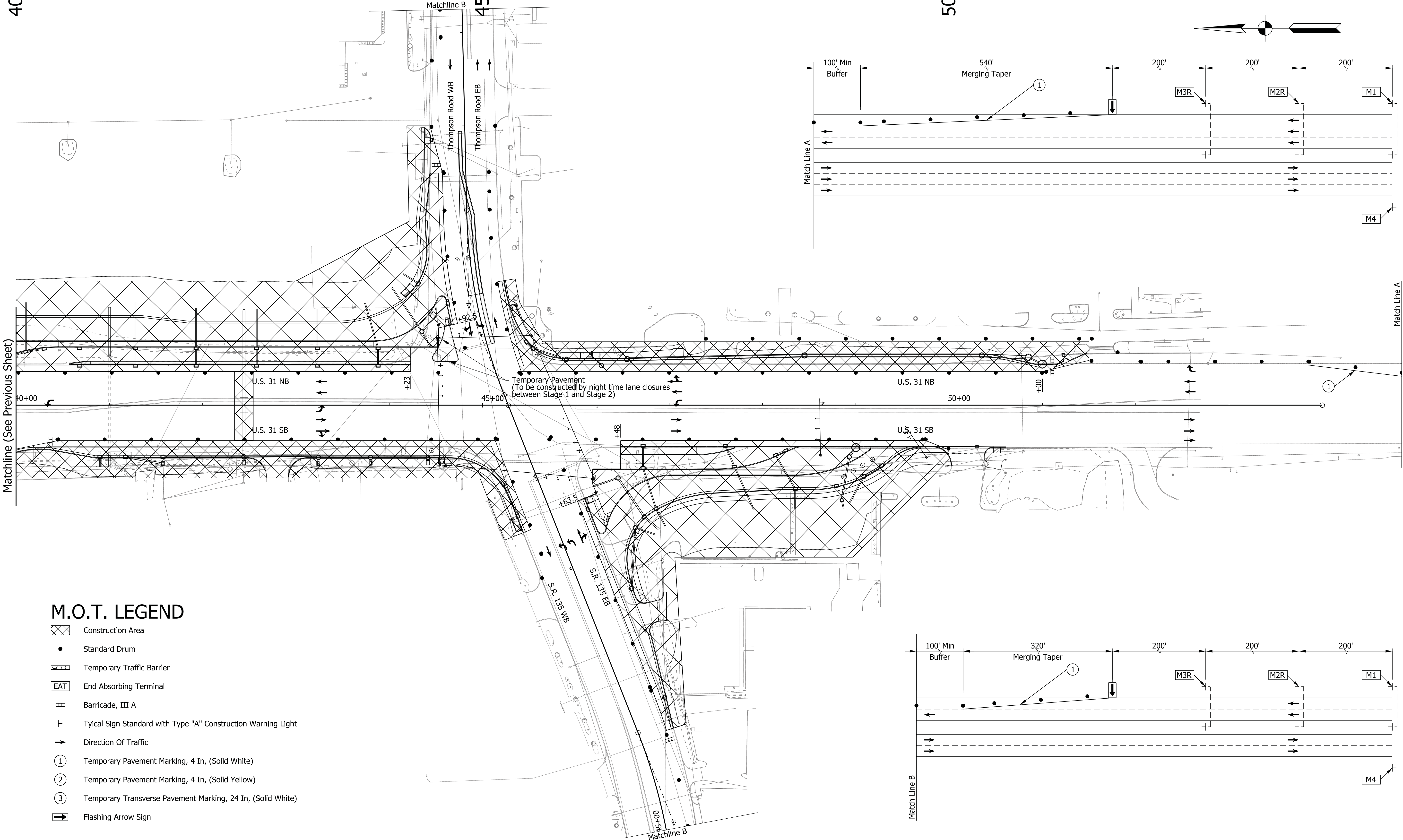
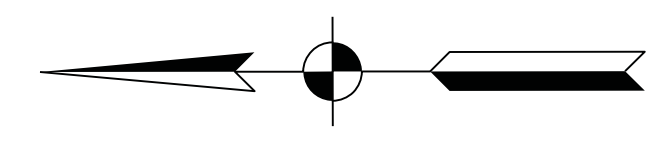


40+00

45+00

50+00



M.O.T. LEGEND

- Construction Area
- Standard Drum
- Temporary Traffic Barrier
- End Absorbing Terminal
- Barricade, III A
- Typical Sign Standard with Type "A" Construction Warning Light
- Direction Of Traffic
- Temporary Pavement Marking, 4 In, (Solid White)
- Temporary Pavement Marking, 4 In, (Solid Yellow)
- Temporary Transverse Pavement Marking, 24 In, (Solid White)
- Flashing Arrow Sign

Temporary Pavement
(To be constructed by night time lane closures
between Stage 1 and Stage 2)

DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ HER _____	DRAWN: _____ CPH _____	
CHECKED: _____ JLC _____	CHECKED: _____ HER _____	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - PHASE II
LINE "D"**

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700182
SURVEY BOOK	SHEETS MOT-07
Electronic	20 of 119
CONTRACT	PROJECT
R-40869	1700182

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 model:Sheet3
 file:n:\72904\indot\gr on call\010 - us 31 intersection\cadd\tr1\cadd\72904-rd-s-mot02.dgn

M.O.T. PHASE 2-B CONSTRUCTION ACTIVITIES

Traffic:

1. US 31 NB
 - A. Maintain 2 thru lane, 1 right turn, and 1 left turn lane.
 - B. Signals at displaced left turn intersections shall be operational for right turning movements.
2. US 31 SB
 - A. Maintain 1 thru lanes, 1 shared thru/right turn, and 1 left turn lane
 - B. Signals at displaced left turn intersections shall be operational for right turning movements.
3. SR 135 EB
 - A. Maintain 1 thru and 2 left turn lanes
 - B. Open SR 135 EB to US 31 SB right turn lane.
4. Thompson Road WB
 - A. Maintain 1 thru and 2 left turn lanes
 - B. Open Thompson Road WB to US 31 NB right turn lane.
5. I-465 Exit Ramp onto US 31 SB
 - A. Open to proposed lane configuration.
6. US 31 NB onto I-465
 - A. Maintain 1 exit lane.

Construction:

1. Construct the remaining portions of US 31 and SR 135 intersection.

Note:

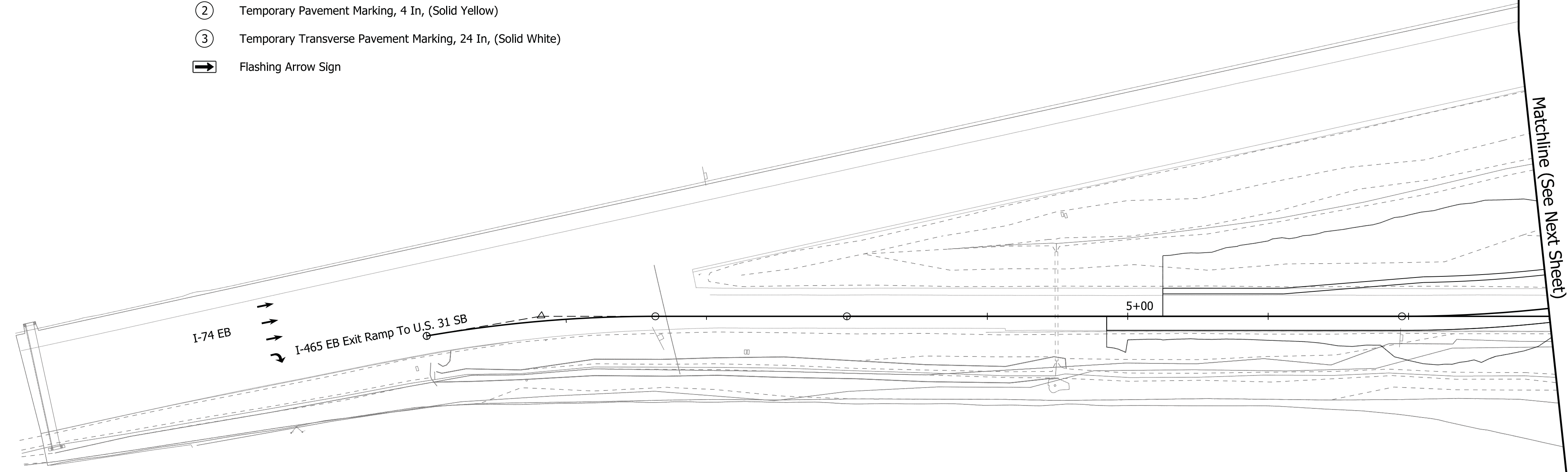
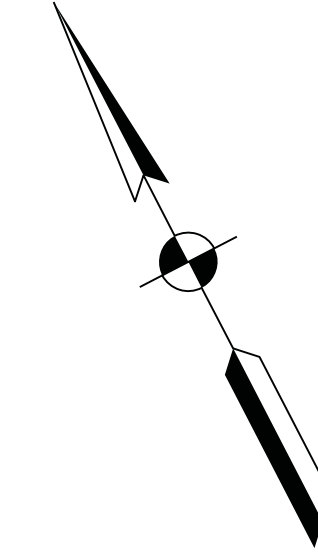
1. Existing pavement marking that conflict with M.O.T. layout to be removed
2. Maintain access to property owners at all times
3. Traffic drum spacing
 - 50' typical
 - 25' at tapers

M.O.T. LEGEND

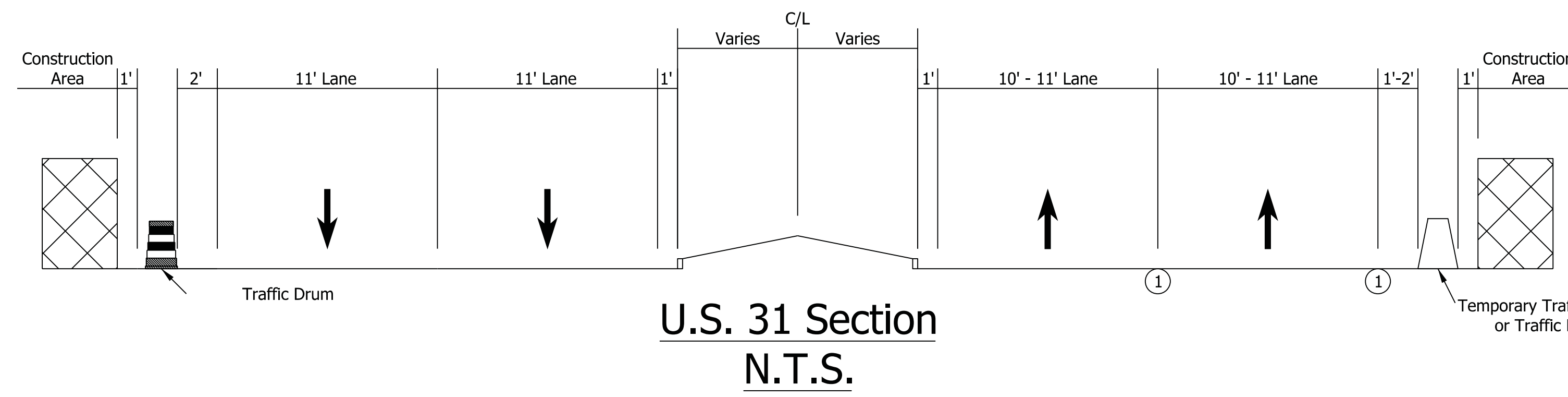
- Construction Area
- Standard Drum
- Temporary Traffic Barrier
- End Absorbing Terminal
- Barricade, III A
- Typical Sign Standard with Type 'A' Construction Warning Light
- Direction Of Traffic
- Temporary Pavement Marking, 4 In, (Solid White)
- Temporary Pavement Marking, 4 In, (Solid Yellow)
- Temporary Transverse Pavement Marking, 24 In, (Solid White)
- Flashing Arrow Sign

0+00

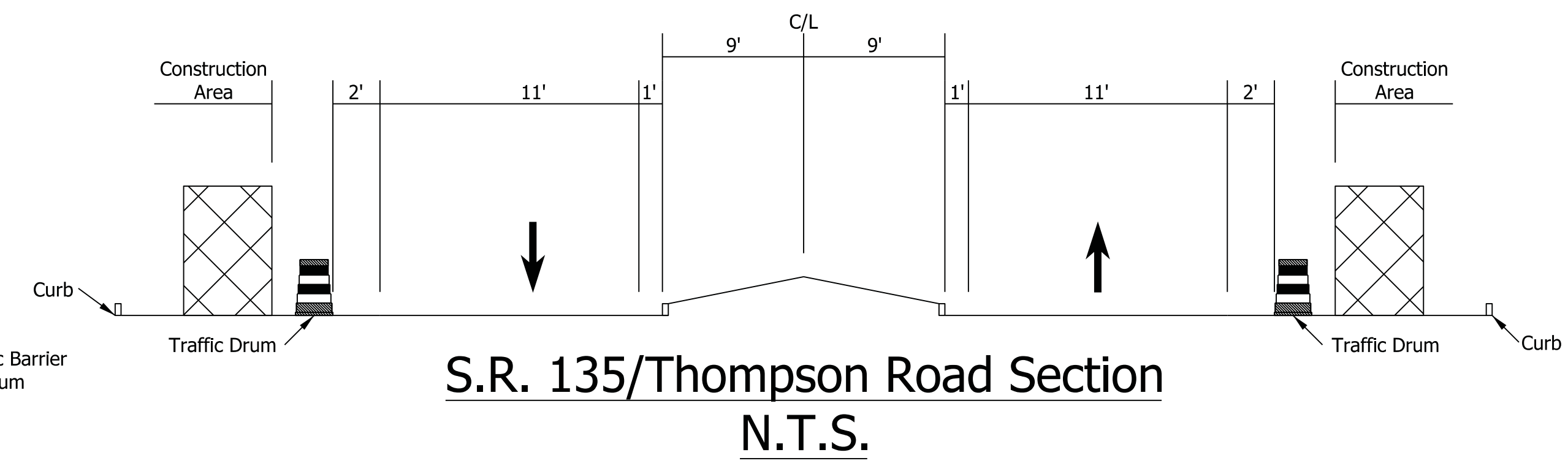
5+00



Matchline (See Next Sheet)



Note: See Plans for locations of 11' turn lanes.



Note: See Plans for locations of 11' turn lanes.

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NOT FOR CONSTRUCTION

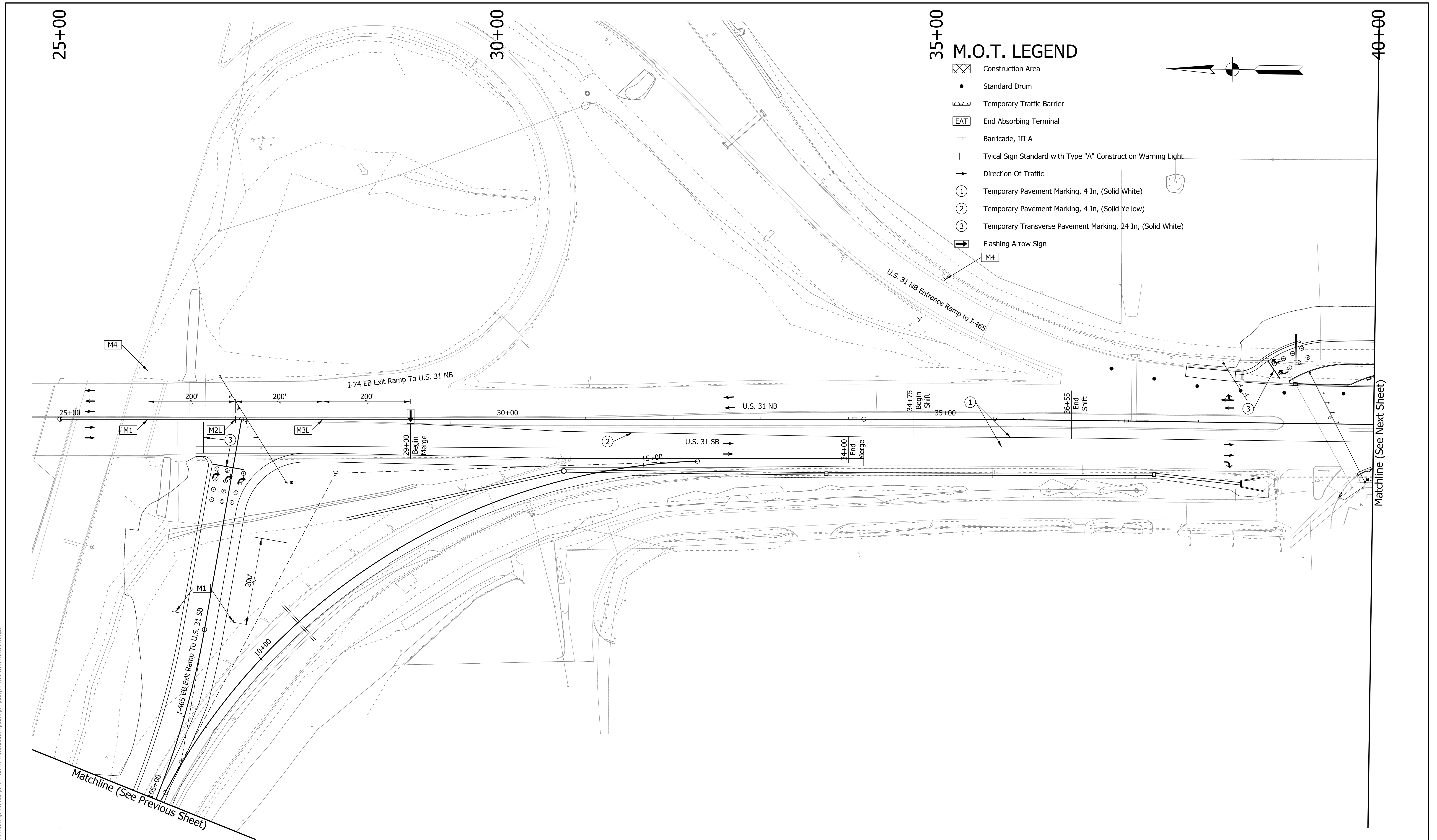
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - PHASE II-B
LINE "PR-SWC"

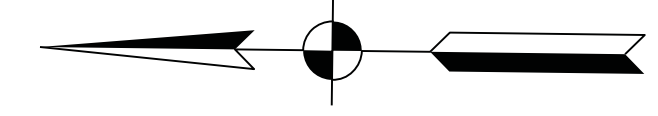
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VERTICAL SCALE	DESIGNATION	
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SURVEY BOOK	SHEETS	MOT-08
Electronic	21	of 119
CONTRACT	PROJECT	
R-40869	1700182	

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model-sheet2
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M.O.T. LEGEND

- Construction Area
- Standard Drum
- Temporary Traffic Barrier
- End Absorbing Terminal
- Barricade, III A
- Typical Sign Standard with Type "A" Construction Warning Light
- Direction Of Traffic
- Temporary Pavement Marking, 4 In, (Solid White)
- Temporary Pavement Marking, 4 In, (Solid Yellow)
- Temporary Transverse Pavement Marking, 24 In, (Solid White)
- Flashing Arrow Sign



Matchline (See Previous Sheet)

Matchline (See Next Sheet)

DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ HER _____	DRAWN: _____ CPH _____	
CHECKED: _____ JLC _____	CHECKED: _____ HER _____	

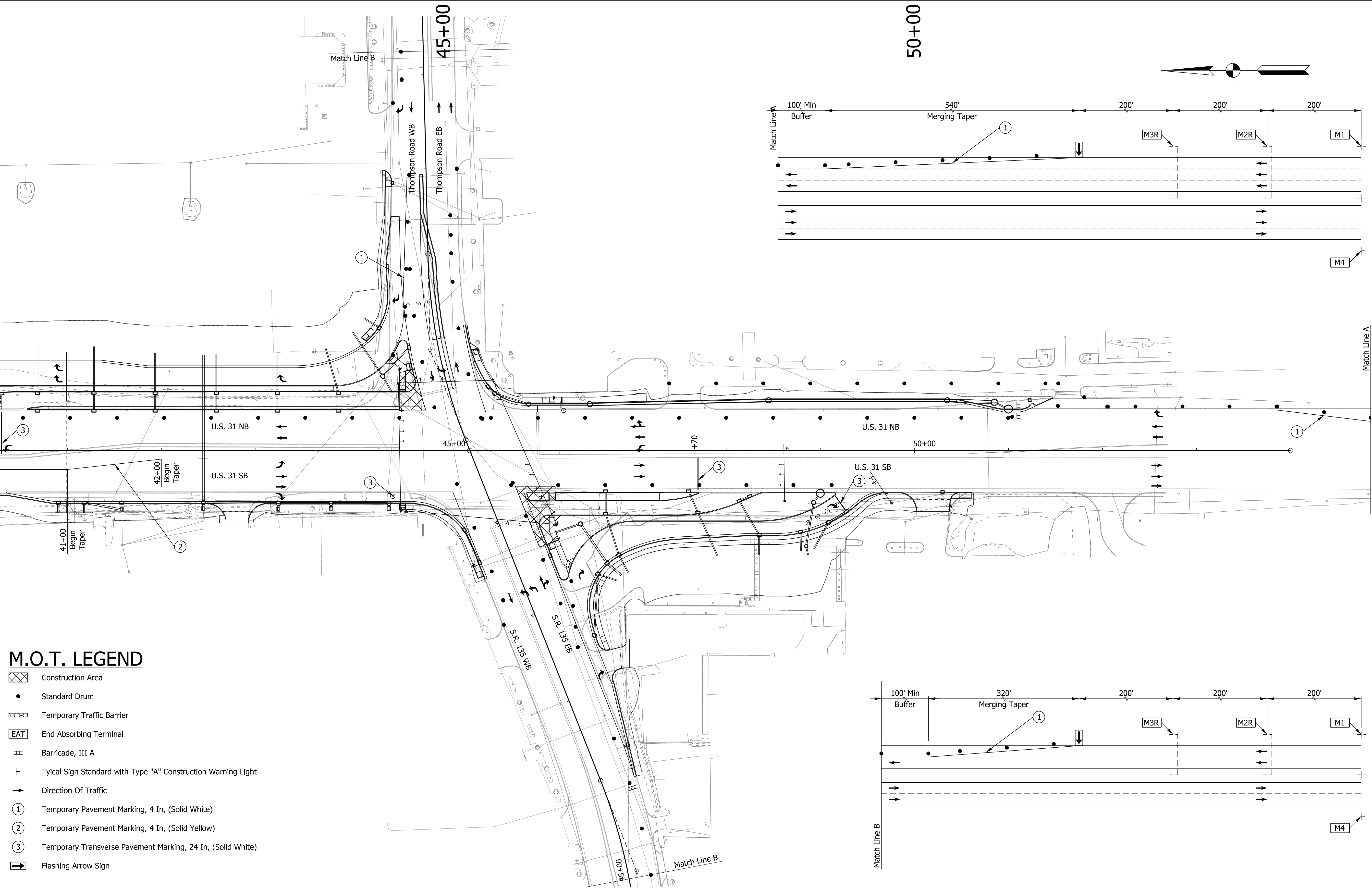
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - PHASE II-B LINE "D"

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VERTICAL SCALE	DESIGNATION	
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CONTRACT	PROJECT	
R-40869	1700182	

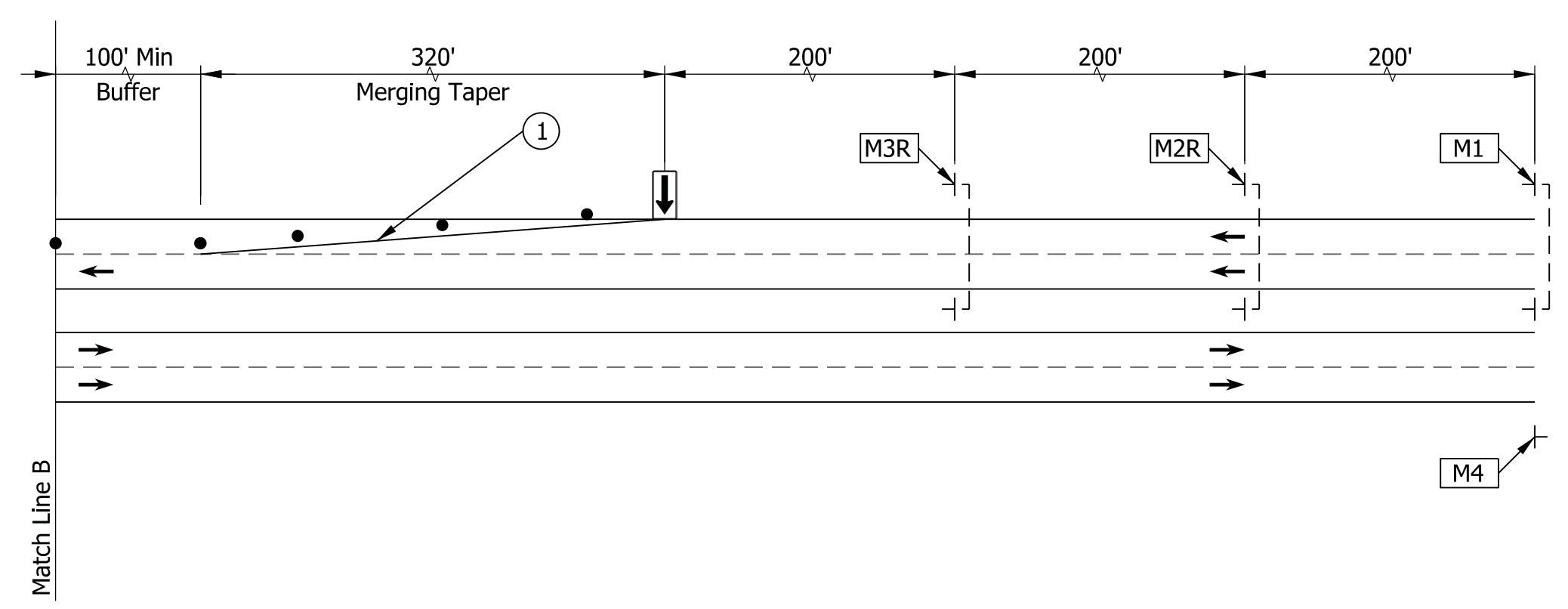
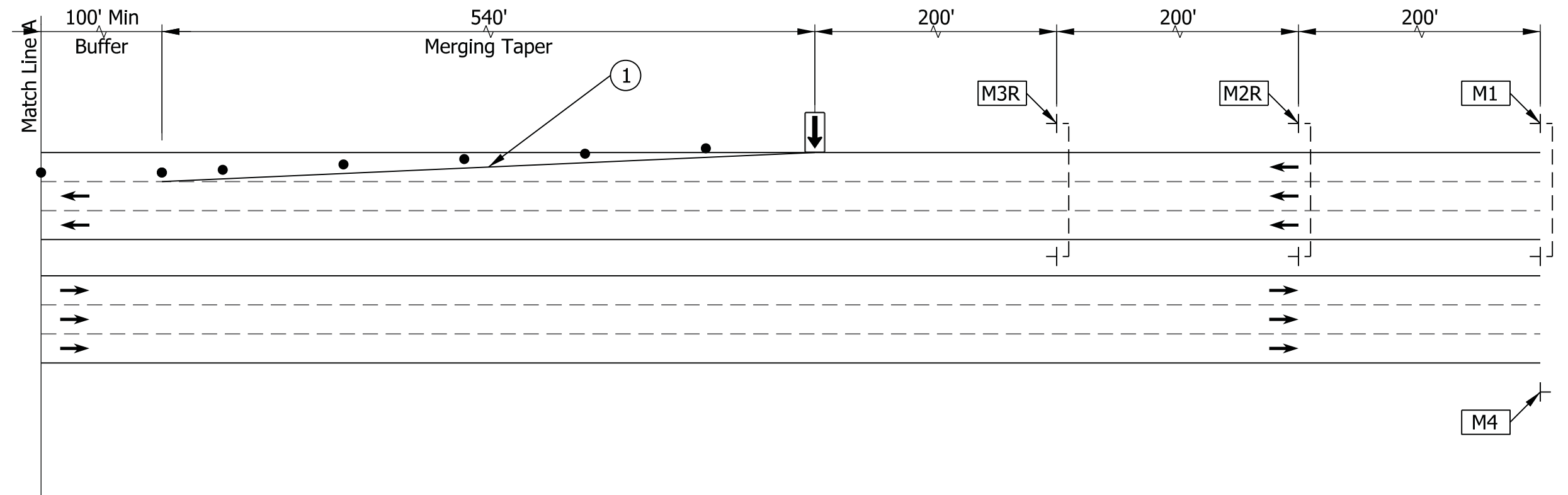
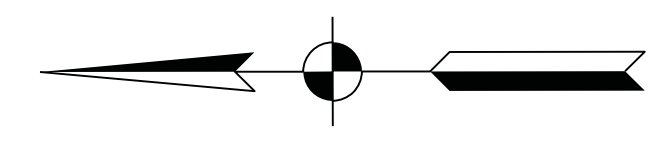
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Matchline (See Previous Sheet)



M.O.T. LEGEND

- Construction Area
- Standard Drum
- Temporary Traffic Barrier
- End Absorbing Terminal
- Barricade, III A
- Typical Sign Standard with Type "A" Construction Warning Light
- Direction Of Traffic
- Temporary Pavement Marking, 4 In, (Solid White)
- Temporary Pavement Marking, 4 In, (Solid Yellow)
- Temporary Transverse Pavement Marking, 24 In, (Solid White)
- Flashing Arrow Sign



DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ HER _____	DRAWN: _____ CPH _____	
CHECKED: _____ JLC _____	CHECKED: _____ HER _____	

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - PHASE II-B LINE "D"

HORIZONTAL SCALE	BRIDGE FILE	
1"=50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1700182	
SURVEY BOOK	SHEETS	MOT-10
Electronic	23	of 119
CONTRACT	PROJECT	
R-40869	1700182	

M.O.T. PHASE 3 CONSTRUCTION ACTIVITIES

Traffic:

1. US 31 NB and SB
 - A. Maintain 2 thru lane, 1 right turn, and 1 left turn lane.
 - B. Allow 1 full closure, at night, on US 31 NB for installing sign structure
2. SR 135 EB
 - A. Maintain 2 thru lane, 1 right turn, and 2 left turn lanes
3. Thompson Road WB
 - A. Maintain 2 thru lane, 1 right turn, and 1 left turn lane
4. I-465 Exit Ramp onto US 31 SB
 - A. Open to proposed lane configuration.
5. Close US 31 NB left turn onto E. Elbert Street

Construction:

1. Remove existing pavement markings and install temporary markings as shown.
2. Construct US 31 medians and turn lanes.

Note:

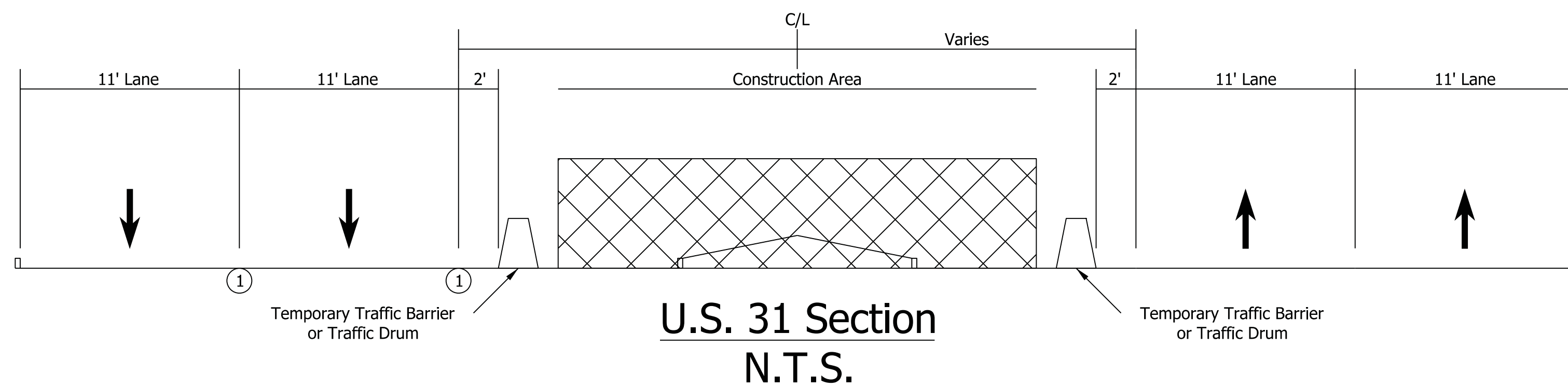
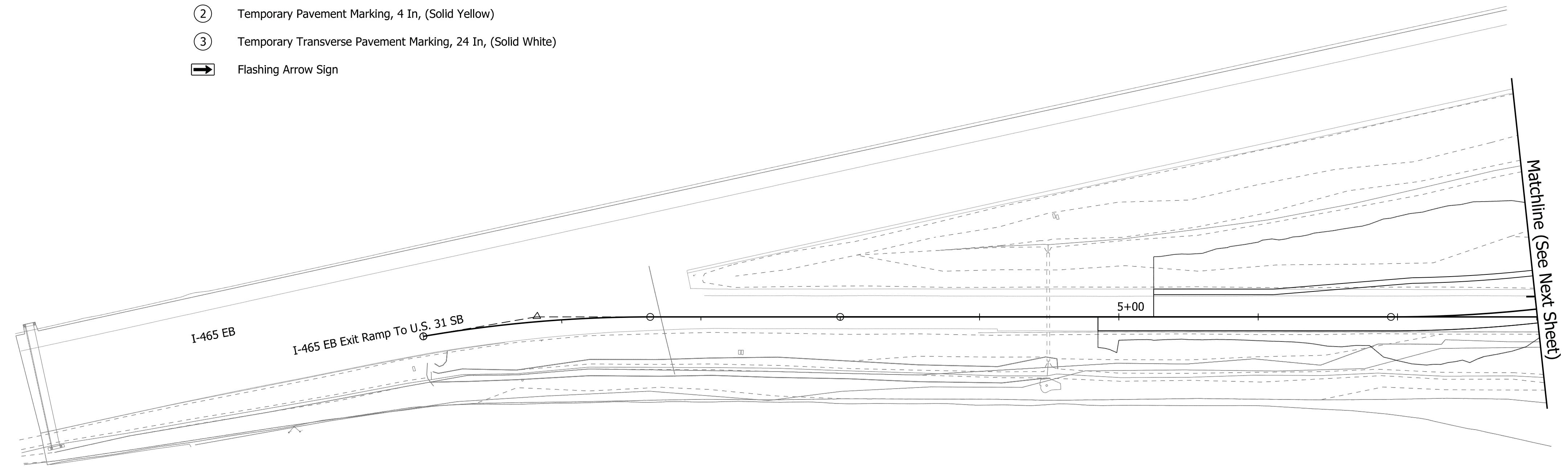
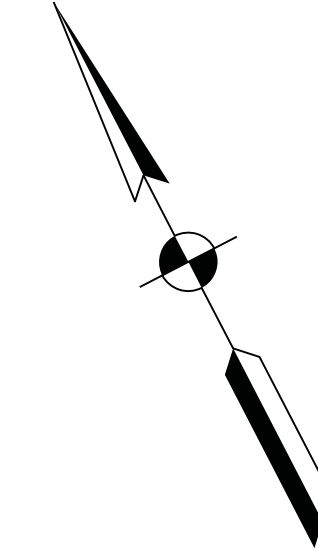
1. Existing pavement marking that conflict with M.O.T. layout to be removed
2. Maintain access to property owners at all times
3. Traffic drum spacing
 - 50' typical
 - 25' at tapers

M.O.T. LEGEND

- Construction Area
- Standard Drum
- Temporary Traffic Barrier
- End Absorbing Terminal
- Barricade, III A
- Typical Sign Standard with Type "A" Construction Warning Light
- Direction Of Traffic
- Temporary Pavement Marking, 4 In, (Solid White)
- Temporary Pavement Marking, 4 In, (Solid Yellow)
- Temporary Transverse Pavement Marking, 24 In, (Solid White)
- Flashing Arrow Sign

0+00

5+00



Note: See Plans for locations of 11' turn lanes.

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DRAFT
 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ HER _____	DRAWN: _____ CPH _____	
CHECKED: _____ JLC _____	CHECKED: _____ HER _____	

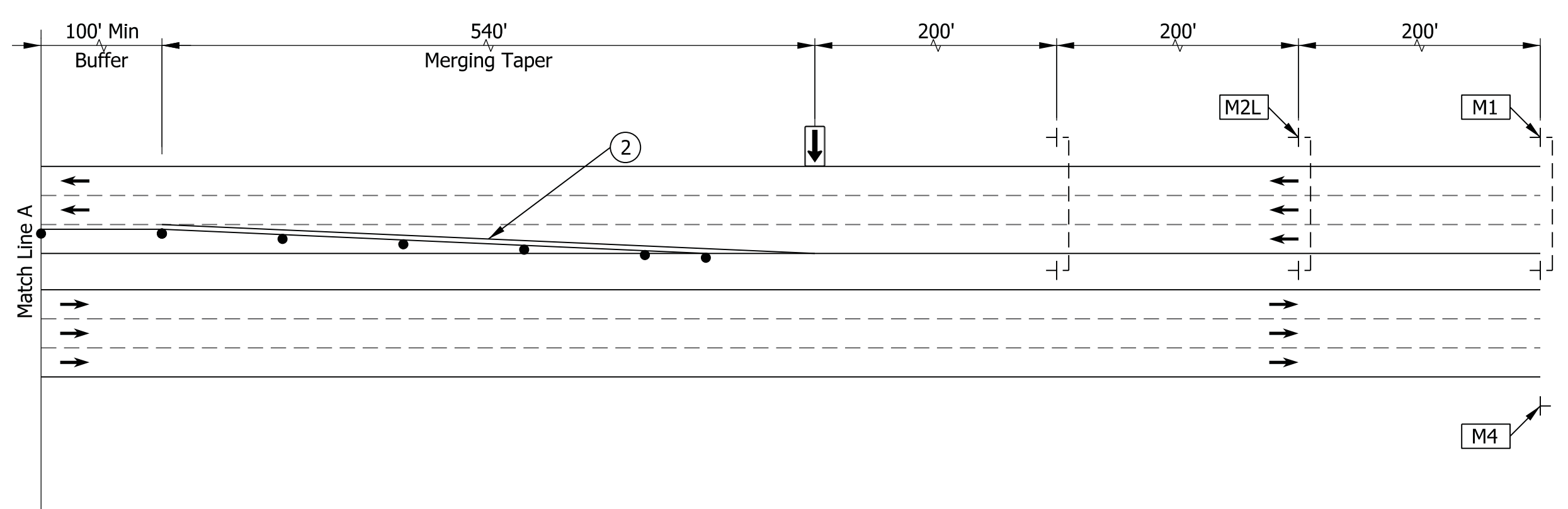
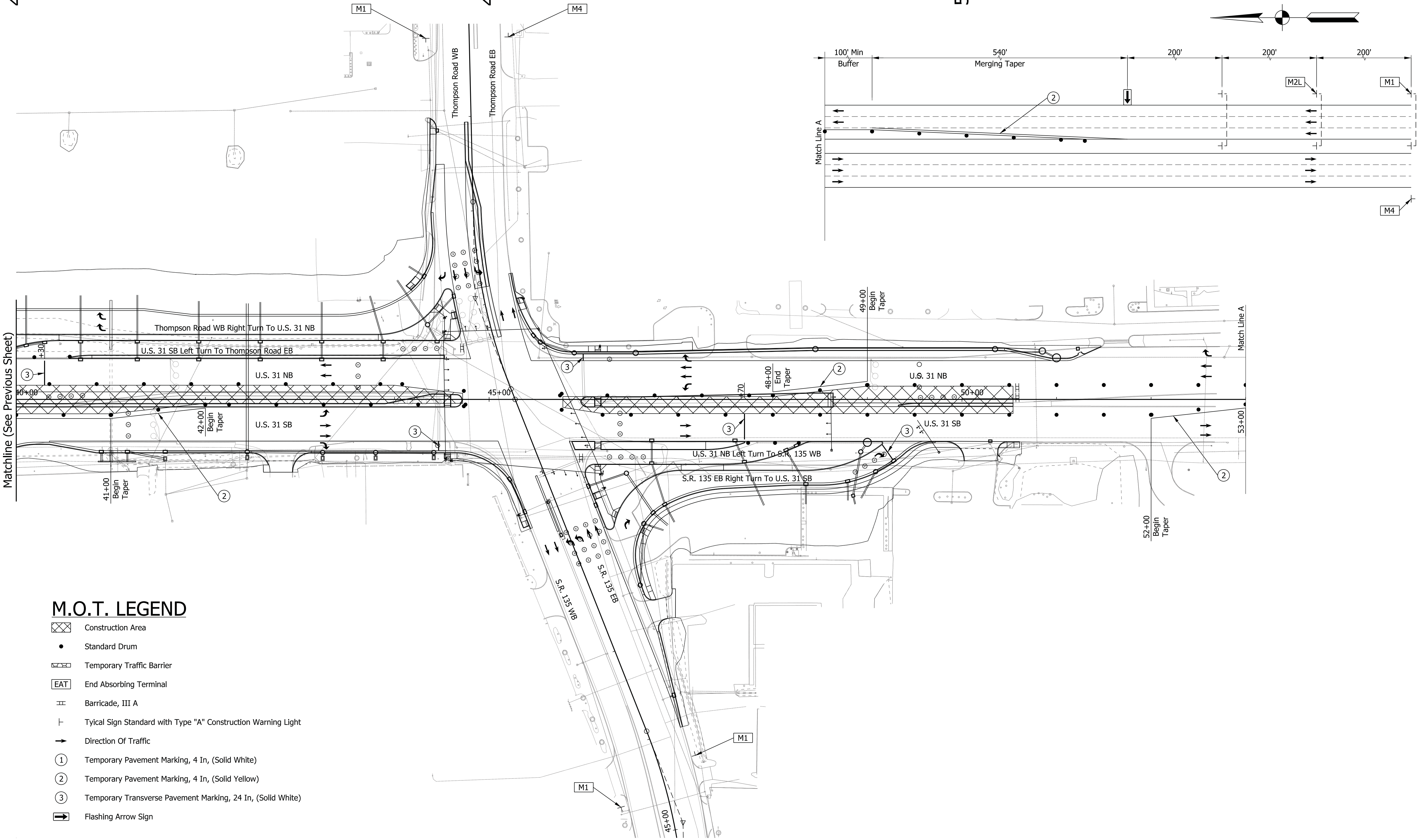
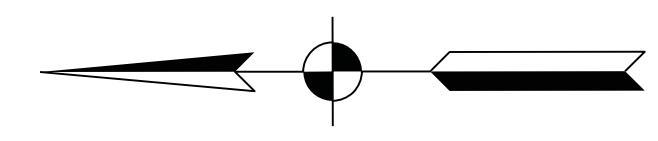
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MAINTENANCE OF TRAFFIC - PHASE III LINE "D"	

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1"=50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700182
SURVEY BOOK	SHEETS MOT-11
Electronic	24 of 119
CONTRACT	PROJECT
R-40869	1700182

40+00

45+00

50+00



Matchline (See Previous Sheet)

Match Line A

M.O.T. LEGEND

- Construction Area
- Standard Drum
- Temporary Traffic Barrier
- End Absorbing Terminal
- Barricade, III A
- Typical Sign Standard with Type "A" Construction Warning Light
- Direction Of Traffic
- Temporary Pavement Marking, 4 In, (Solid White)
- Temporary Pavement Marking, 4 In, (Solid Yellow)
- Temporary Transverse Pavement Marking, 24 In, (Solid White)
- Flashing Arrow Sign

DRAFT
NOT FOR CONSTRUCTION

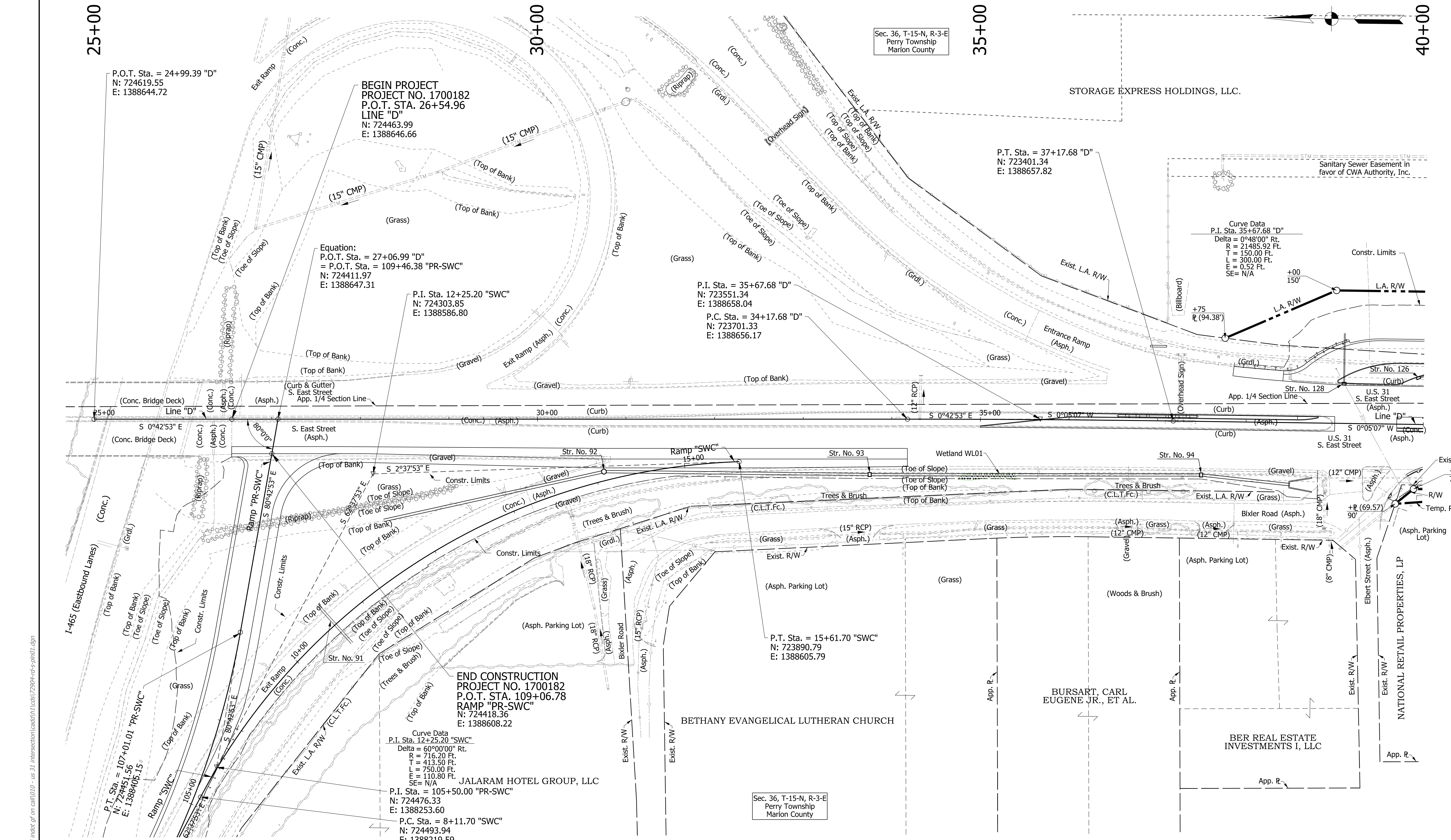
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INDIANA
DEPARTMENT OF TRANSPORTATION

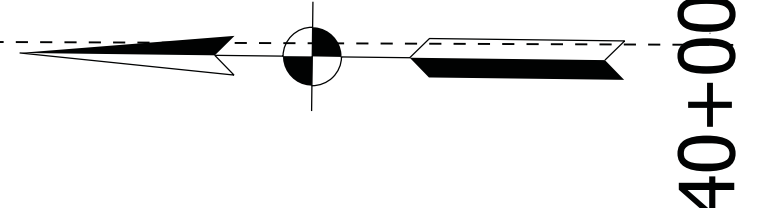
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LINE "D"

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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS MOT-13
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CONTRACT	PROJECT
R-40869	1700182

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Sec. 36, T-15-N, R-3-E
Perry Township
Marion County



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DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
LINE "D"

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700182
SURVEY BOOK	SHEETS
Electronic	27 of 119
CONTRACT	PROJECT
R-40869	1700182

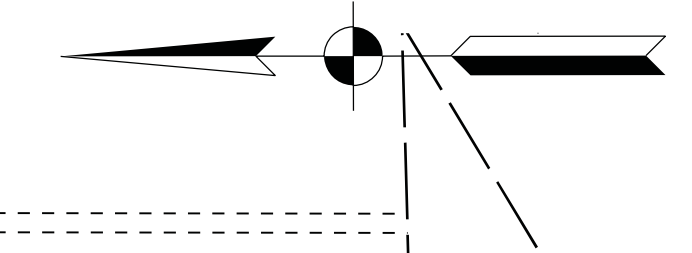
40+00

45+00

50+00

Sec. 36, T-15-N, R-3-E
Perry Township
Marion County

Sec. 1, T-14-N, R-3-E
Perry Township
Marion County



OHI ASSET (IN) FOREST CREEK, LLC

END CONSTRUCTION
PROJECT NO. 1700182
P.O.T. STA. 52+99.18
LINE "A"
N: 722637.67
E: 1388955.26

Curve Data
P.I. Sta. 51+09.16 "A"
Delta = 20°18'00" Rt.
R = 572.96 Ft.
T = 102.58 Ft.
L = 203.00 Ft.
E = 9.11 Ft.
SE = N/A

P.O.T. Sta. = 52+09.58 "D"
N: 722635.74
E: 138865.69

Equation
P.O.T. Sta. = 49+98.26 "A" Back
= P.C. Sta. = 50+06.58 "A" Ahead
N: 722595.88
E: 1388667.72

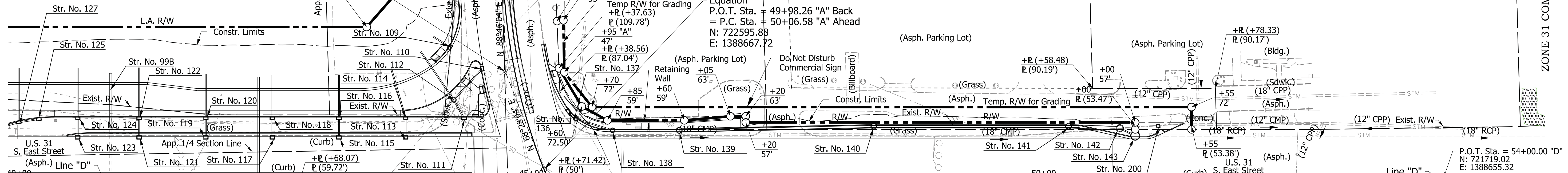
GANAPATI, LLC

EMMANUEL LIVING CHRISTIAN CHURCH, INC.

CV INDIANAPOLIS IN, LLC

HIMA ONE, LLC

STORAGE EXPRESS HOLDINGS, LLC



END PROJECT
PROJECT NO. 1700182
P.O.T. STA. 51+47.47
LINE "D"
N: 721971.55
E: 1388655.69

BEGIN CONSTRUCTION
PROJECT NO. 1700182
P.O.C. STA. 46+00.00
LINE "A"
N: 722449.77
E: 1388297.23

SOUTHEAST PARK INVESTMENTS

P.I. Sta. = 45+06.57 "A"
N: 722414.59
E: 1388208.23

HERITAGE CENTER PLUS, LLC
P.T. Sta. 46+08.77 "A"
N: 722452.93
E: 1388305.41

Sec. 36, T-15-N, R-3-E
Perry Township
Marion County

Sec. 1, T-14-N, R-3-E
Perry Township
Marion County

TBM #1 Cut "X" on north bolt of mast arm in the southwest corner of the intersection of US 31 and Thompson Road. Sta. 46+23.85 "D", 54.9' Rt., Elev. 733.01
TBM #2 Cut "X" on northwest bolt of fire hydrant. Sta. 52+19.63 "D", 62.4' Lt., Elev. 728.64

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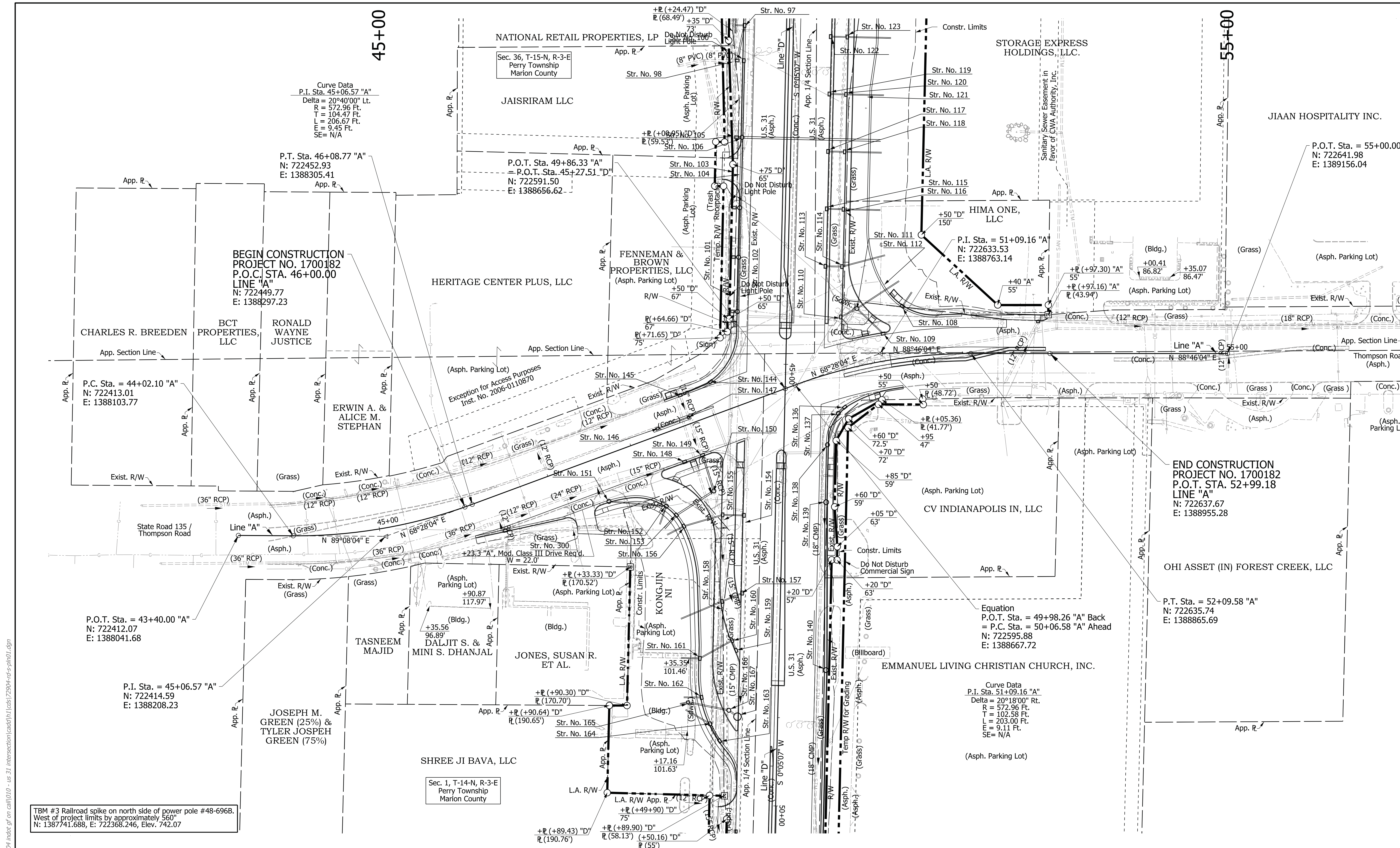
DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
LINE "D"

HORIZONTAL SCALE	BRIDGE FILE
1"=50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700182
SURVEY BOOK	SHEETS
Electronic	29 of 119
CONTRACT	PROJECT
R-40869	1700182



Curve Data
 P.I. Sta. 45+06.57 "A"
 Delta = 20°40'00" Lt.
 R = 572.96 Ft.
 T = 104.47 Ft.
 L = 206.67 Ft.
 E = 9.45 Ft.
 SE = N/A

P.T. Sta. 46+08.77 "A"
 N: 722452.93
 E: 1388305.41

**BEGIN CONSTRUCTION
 PROJECT NO. 1700182
 P.O.C. STA. 46+00.00
 LINE "A"**
 N: 722449.77
 E: 1388297.23

P.C. Sta. = 44+02.10 "A"
 N: 722413.01
 E: 1388103.77

P.O.T. Sta. = 43+40.00 "A"
 N: 722412.07
 E: 1388041.68

P.I. Sta. = 45+06.57 "A"
 N: 722414.59
 E: 1388208.23

JOSEPH M.
 GREEN (25%) &
 TYLER JOSEPH
 GREEN (75%)

P.O.T. Sta. 49+86.33 "A"
 = P.O.T. Sta. 45+27.51 "D"
 N: 722591.50
 E: 1388656.62

Equation
 P.O.T. Sta. = 49+98.26 "A" Back
 = P.C. Sta. = 50+06.58 "A" Ahead
 N: 722595.88
 E: 1388667.72

Curve Data
 P.I. Sta. 51+09.16 "A"
 Delta = 20°18'00" Rt.
 R = 572.96 Ft.
 T = 102.58 Ft.
 L = 203.00 Ft.
 E = 9.11 Ft.
 SE = N/A

**END CONSTRUCTION
 PROJECT NO. 1700182
 P.O.T. STA. 52+99.18
 LINE "A"**
 N: 722637.67
 E: 1388955.28

P.T. Sta. = 52+09.58 "A"
 N: 722635.74
 E: 1388865.69

TBM #3 Railroad spike on north side of power pole #48-696B.
 West of project limits by approximately 560'
 N: 1387741.688, E: 722368.246, Elev. 742.07

**DRAFT
 NOT FOR CONSTRUCTION**

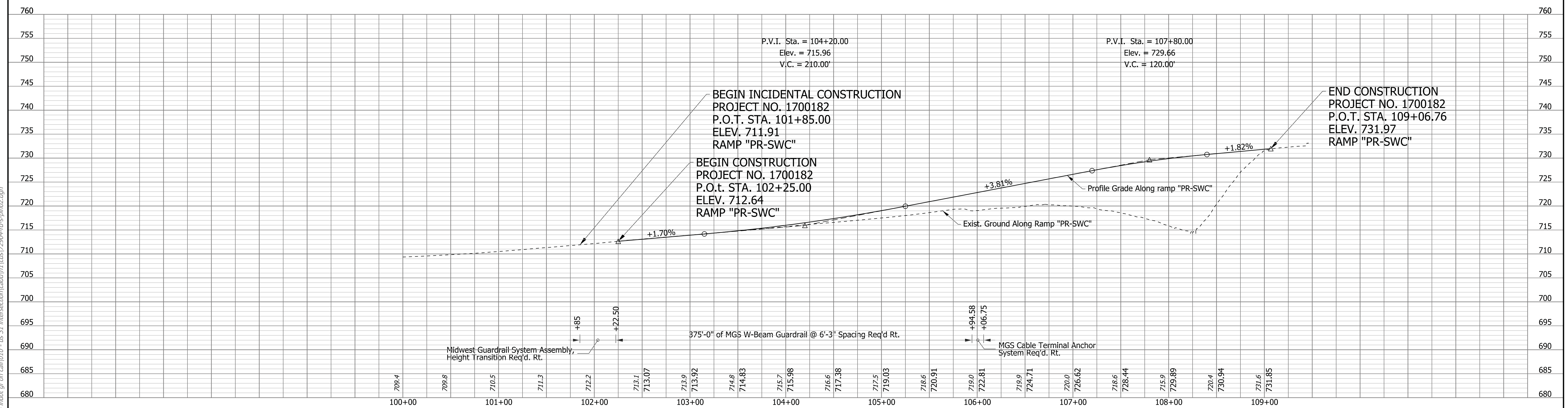
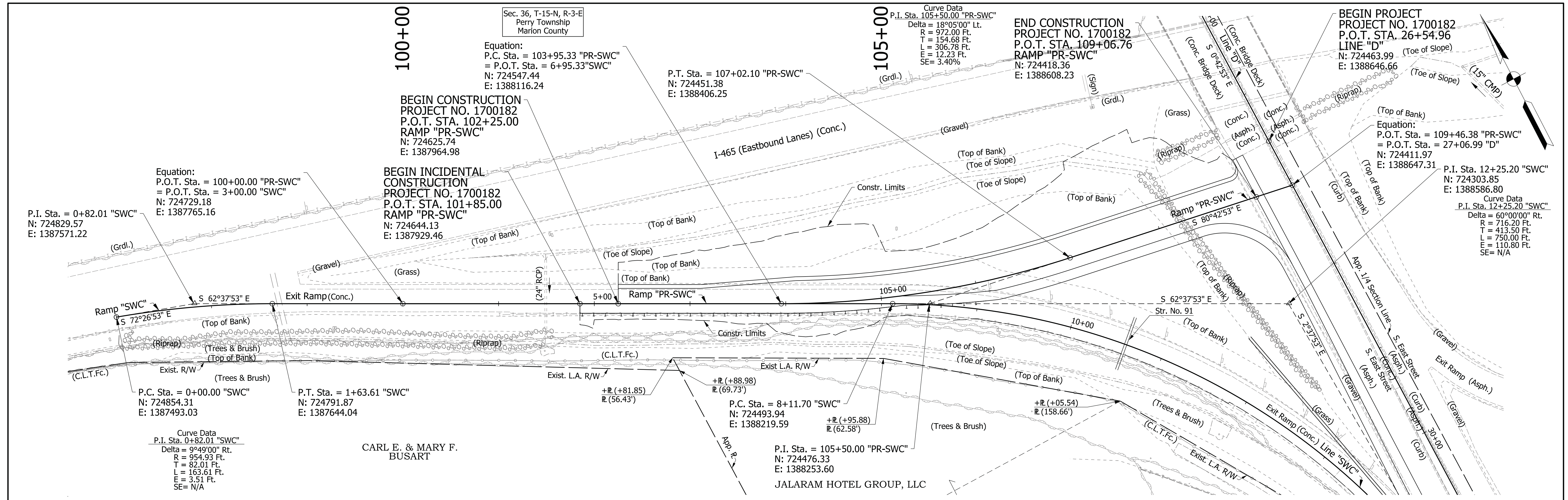
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DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
 LINE "A"

HORIZONTAL SCALE	BRIDGE FILE	
1"=50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1700182	
SURVEY BOOK	SHEETS	PLN-03
Electronic	31	of 119
CONTRACT	PROJECT	
R-40869	1700182	

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DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE
RAMP "PR-SWC"

HORIZONTAL SCALE 1"=50'	BRIDGE FILE N/A
VERTICAL SCALE 1"=10'	DESIGNATION 1700182
SURVEY BOOK ELECTRONIC	SHEETS 33 of 119
CONTRACT R-40869	PROJECT 1700182

25

26

27

28

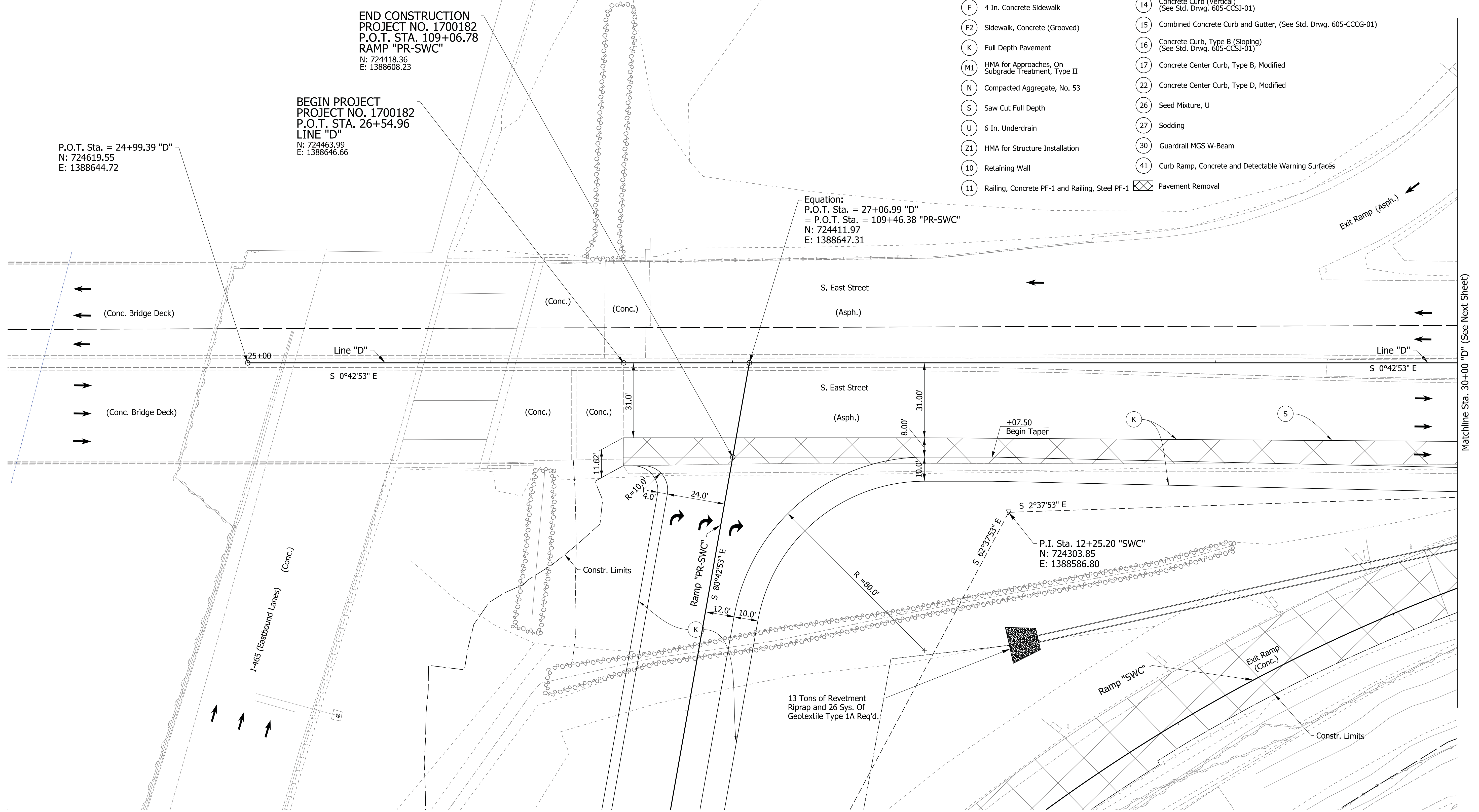
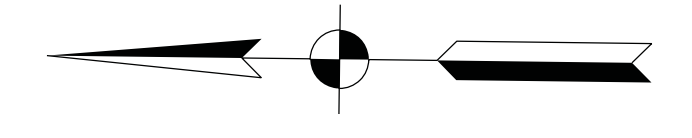
29

30

Sec. 36, T-15-N, R-3-E
Perry Township
Marion County

CONSTRUCTION LEGEND

- (C1) PCCP for Approaches, 9 In., On Subgrade Treatment, Type II
- (F) 4 In. Concrete Sidewalk
- (F2) Sidewalk, Concrete (Grooved)
- (K) Full Depth Pavement
- (M1) HMA for Approaches, On Subgrade Treatment, Type II
- (N) Compacted Aggregate, No. 53
- (S) Saw Cut Full Depth
- (U) 6 In. Underdrain
- (Z1) HMA for Structure Installation
- (10) Retaining Wall
- (11) Railing, Concrete PF-1 and Railing, Steel PF-1
- (12) Impact Attenuator, R2-W1, TL-3
- (14) Concrete Curb (Vertical) (See Std. Drwg. 605-CCSJ-01)
- (15) Combined Concrete Curb and Gutter, (See Std. Drwg. 605-CCCG-01)
- (16) Concrete Curb, Type B (Sloping) (See Std. Drwg. 605-CCSJ-01)
- (17) Concrete Center Curb, Type B, Modified
- (22) Concrete Center Curb, Type D, Modified
- (26) Seed Mixture, U
- (27) Sodding
- (30) Guardrail MGS W-Beam
- (41) Curb Ramp, Concrete and Detectable Warning Surfaces
- (X) Pavement Removal



P.O.T. Sta. = 24+99.39 "D"
N: 724619.55
E: 1388644.72

BEGIN PROJECT
PROJECT NO. 1700182
P.O.T. STA. 26+54.96
LINE "D"
N: 724463.99
E: 1388646.66

END CONSTRUCTION
PROJECT NO. 1700182
P.O.T. STA. 109+06.78
RAMP "PR-SWC"
N: 724418.36
E: 1388608.23

Equation:
P.O.T. Sta. = 27+06.99 "D"
= P.O.T. Sta. = 109+46.38 "PR-SWC"
N: 724411.97
E: 1388647.31

P.I. Sta. 12+25.20 "SWC"
N: 724303.85
E: 1388586.80

NOTE TO REVIEWER:
Pavement Sections will be updated upon receipt of the pavement design

DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE	
1"=20'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1700182	
SURVEY BOOK	SHEETS	CD-01
Electronic	35 of 119	
CONTRACT	PROJECT	
R-40869	1700182	

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Sec. 36, T-15-N, R-3-E
Perry Township
Marion County

30

31

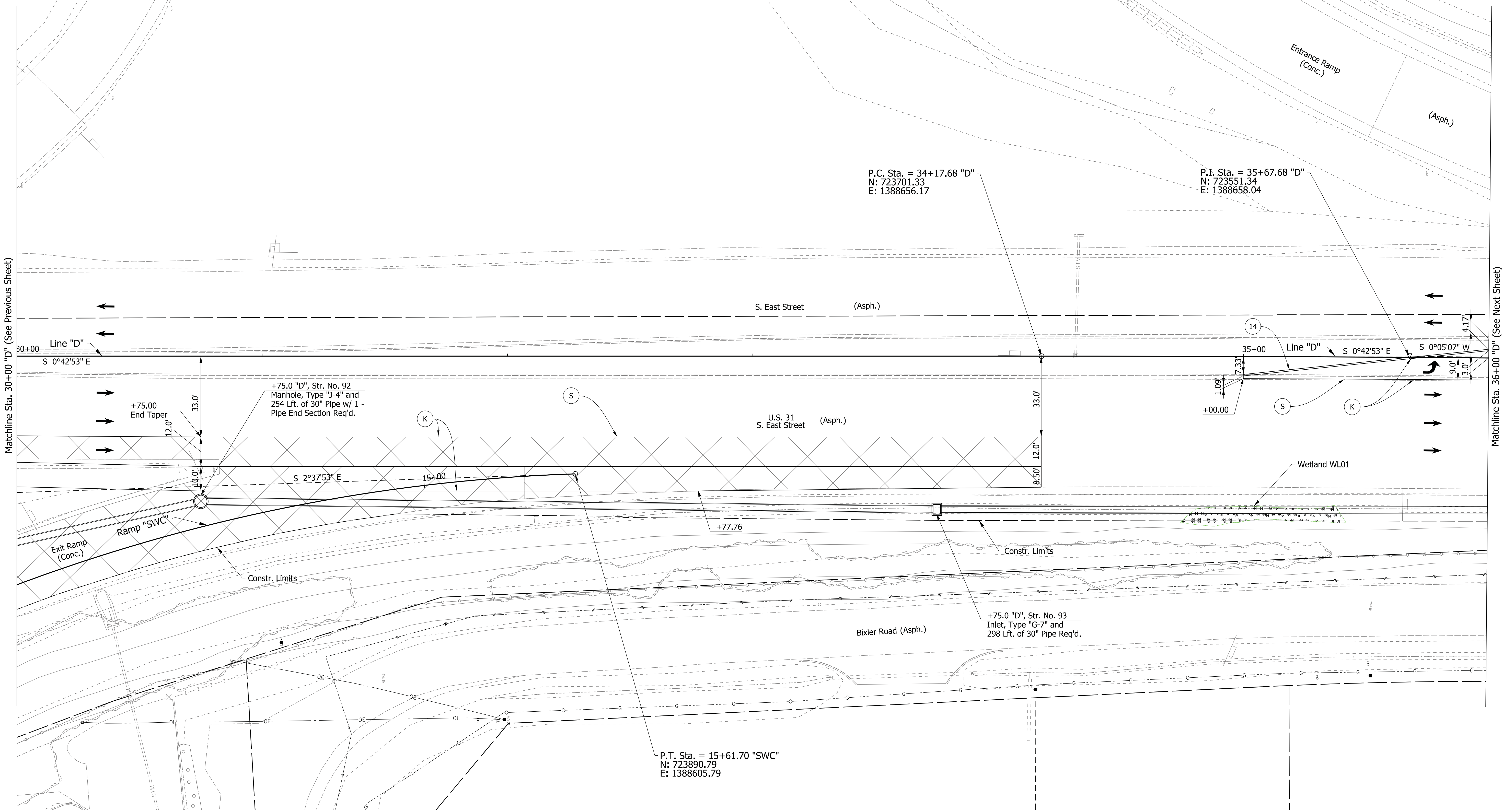
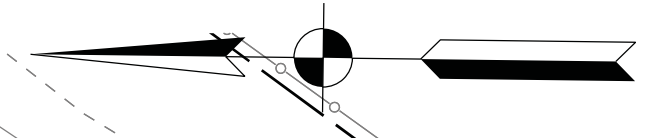
32

33

34

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36



Matchline Sta. 30+00 "D" (See Previous Sheet)

Matchline Sta. 36+00 "D" (See Next Sheet)

Note: See CD-01 for Legend

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NOT FOR CONSTRUCTION

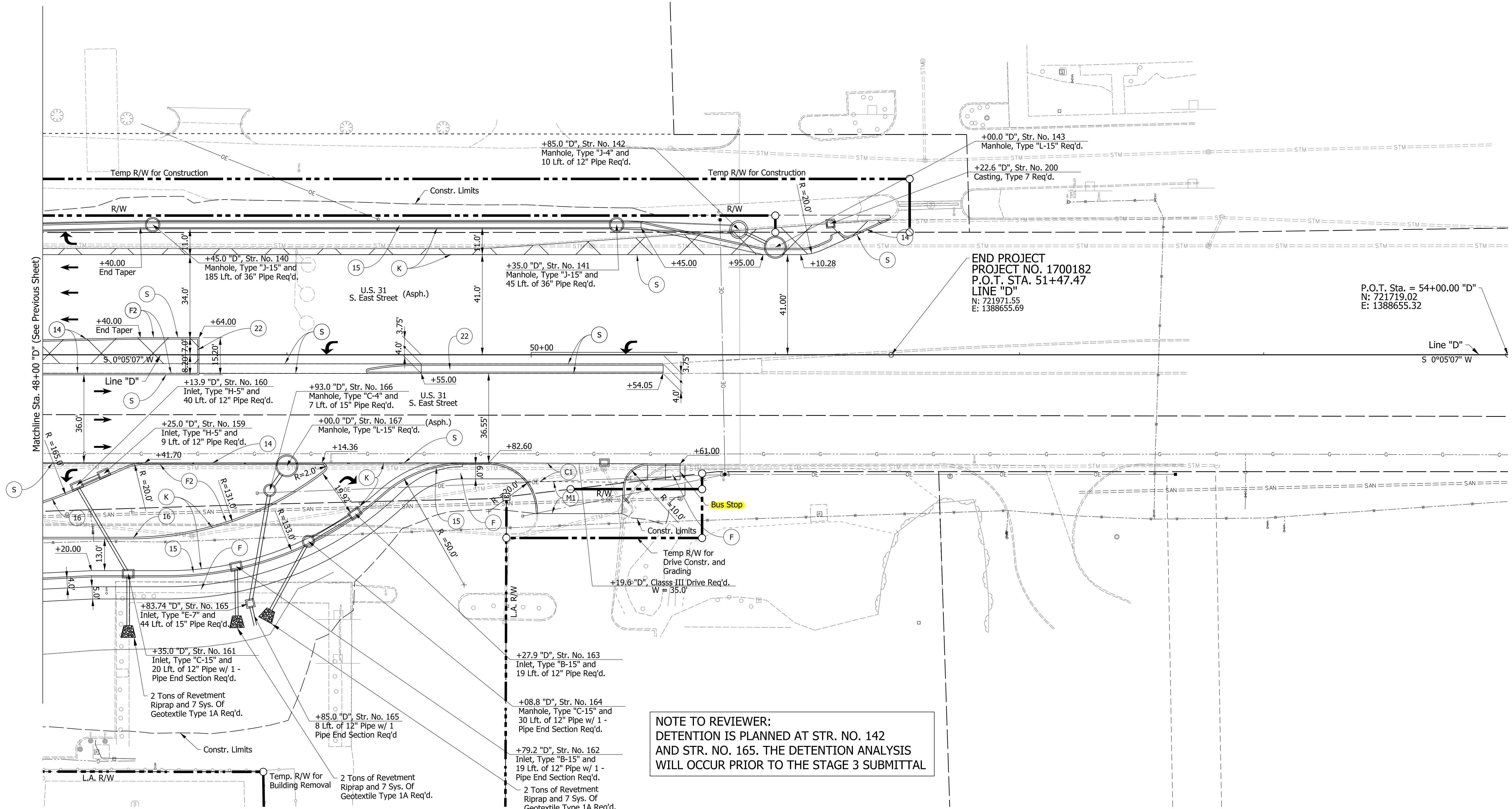
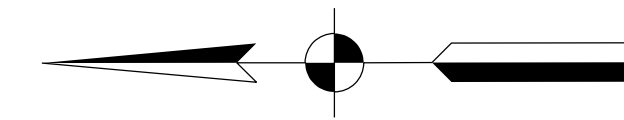
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE	
1"=20'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1700182	
SURVEY BOOK	SHEETS	CD-02
Electronic	36 of	119
CONTRACT	PROJECT	
R-40869	1700182	

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 file: \\indw001\289\projects\2294\indot\on call\010 - us 31 intersection\cadd\1\1\cadd\2294-rd-s-cdet01.dgn



END PROJECT
PROJECT NO. 1700182
P.O.T. STA. 51+47.47
LINE "D"
N: 721971.55
E: 1388655.69

P.O.T. Sta. = 54+00.00 "D"
N: 721719.02
E: 1388655.32

NOTE TO REVIEWER:
DETENTION IS PLANNED AT STR. NO. 142
AND STR. NO. 165. THE DETENTION ANALYSIS
WILL OCCUR PRIOR TO THE STAGE 3 SUBMITTAL

Note: See CD-01 for Legend

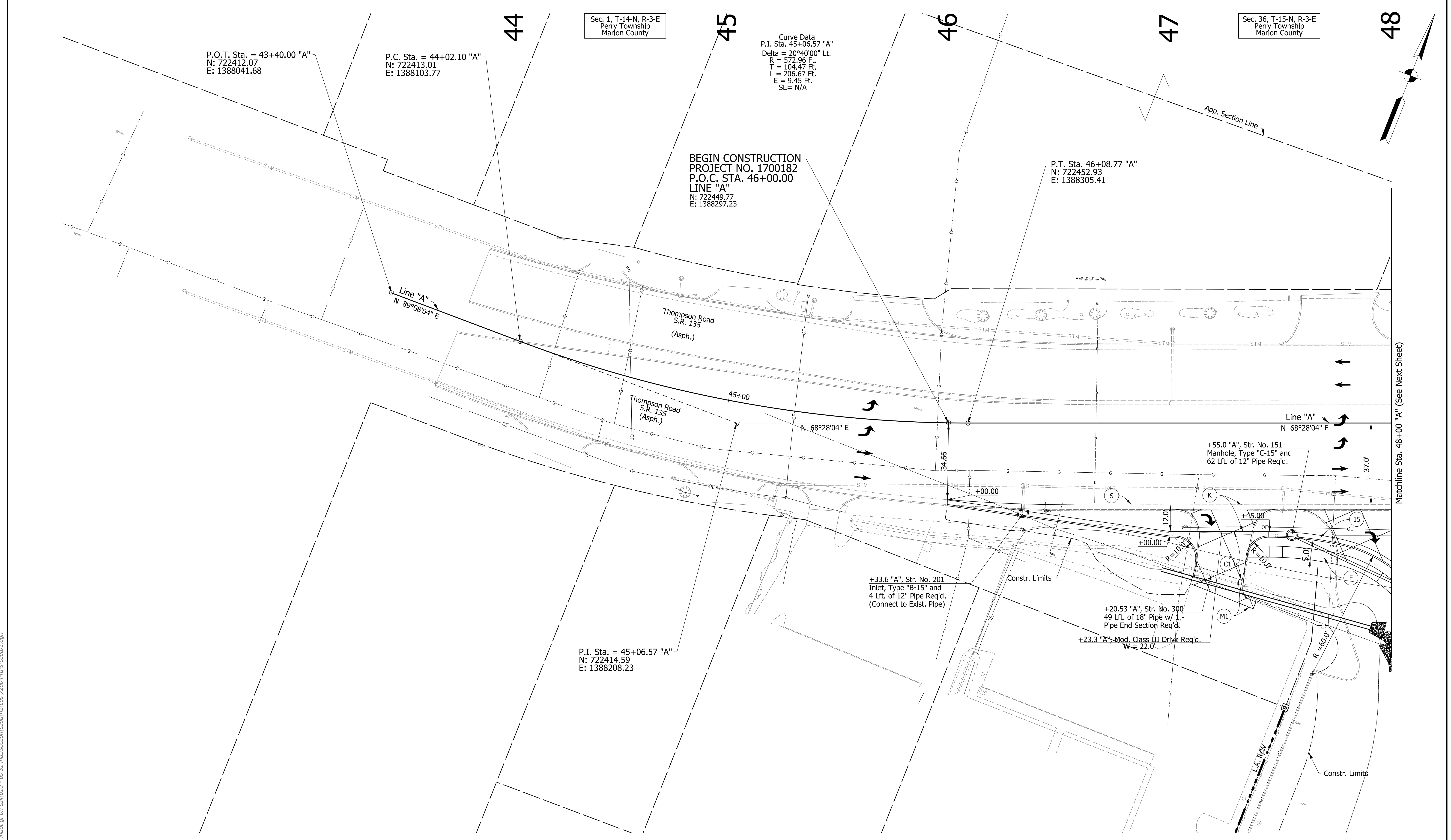
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ HER _____	DRAWN: _____ CPH _____	
CHECKED: _____ JLC _____	CHECKED: _____ HER _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE 1"=20'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 1700182
SURVEY BOOK Electronic	SHEETS 39 of 119
CONTRACT R-40869	PROJECT 1700182



P.O.T. Sta. = 43+40.00 "A"
 N: 722412.07
 E: 1388041.68

P.C. Sta. = 44+02.10 "A"
 N: 722413.01
 E: 1388103.77

Sec. 1, T-14-N, R-3-E
 Perry Township
 Marion County

Curve Data
 P.I. Sta. 45+06.57 "A"
 Delta = 20°40'00" Lt.
 R = 572.96 Ft.
 T = 104.47 Ft.
 L = 206.67 Ft.
 E = 9.45 Ft.
 SE = N/A

Sec. 36, T-15-N, R-3-E
 Perry Township
 Marion County

P.T. Sta. 46+08.77 "A"
 N: 722452.93
 E: 1388305.41

BEGIN CONSTRUCTION
 PROJECT NO. 1700182
 P.O.C. STA. 46+00.00
 LINE "A"
 N: 722449.77
 E: 1388297.23

P.I. Sta. = 45+06.57 "A"
 N: 722414.59
 E: 1388208.23

+33.6 "A", Str. No. 201
 Inlet, Type "B-15" and
 4 Lft. of 12" Pipe Req'd.
 (Connect to Exist. Pipe)

+20.53 "A", Str. No. 300
 49 Lft. of 18" Pipe w/ 1-
 Pipe End Section Req'd.

+23.3 "A", Mod. Class III Drive Req'd.
 W = 22.0'

+55.0 "A", Str. No. 151
 Manhole, Type "C-15" and
 62 Lft. of 12" Pipe Req'd.

Note: See CD-01 for Legend

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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE	
1"=20'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1700182	
SURVEY BOOK	SHEETS	CD-06
Electronic	40 of 119	
CONTRACT	PROJECT	
R-40869	1700182	

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Matchline Sta. 48+00 "A" (See Next Sheet)

48

49

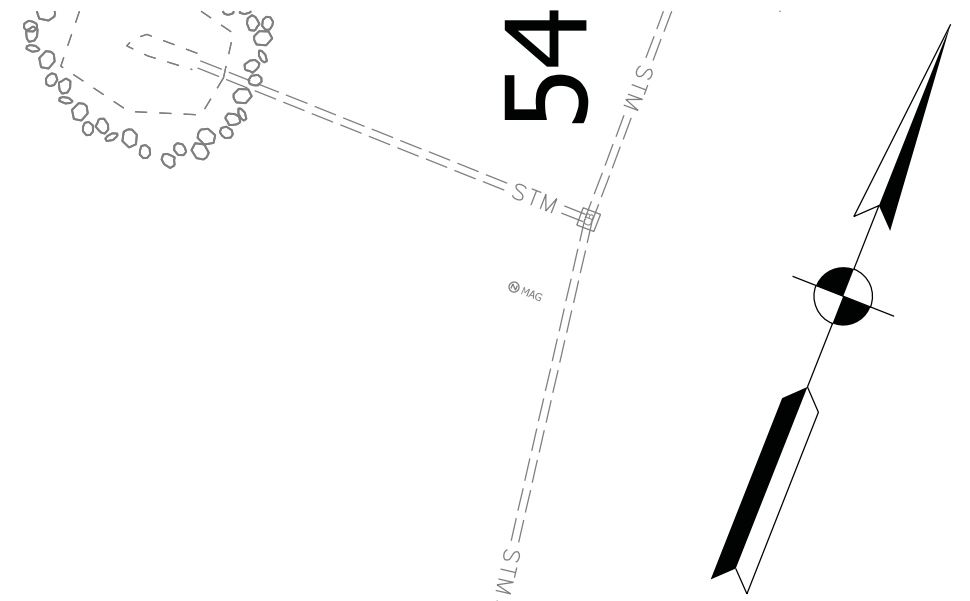
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52

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Sec. 36, T-15-N, R-3-E
Perry Township
Marion County



P.O.T. Sta. 49+86.33 "A"
= P.O.T. Sta. 45+27.51 "D"
N: 722591.50
E: 1388656.62

+10.0 "A", Str. No. 144
Inlet, Type "B-15" and
35 Lft. of 12" Pipe Req'd.

+72.0 "A", Str. No. 145
Casting, Adjust to Grade

Thompson Road
S.R. 135
(Asph.)

+72.5 "A", Str. No. 147
Casting, Type 2 Furnish
and Adjust to Grade

Line "A"
+35.0 "A", Str. No. 146
Inlet, Type "J-10" and
36 Lft. of 12" Pipe Req'd.

Thompson Road
S.R. 135
(Asph.)

+50.9 "A", Str. No. 148
Casting, Adjust to Grade

+72.5 "A", Str. No. 149
Casting, Adjust to Grade and
40 Lft. of 15" Pipe Req'd.

+14.0 "A", Str. No. 152
Manhole, Type "C-15" and
20 Lft. of 12" Pipe w/ 1 -
Pipe End Section Req'd.

+70.43 "A", Str. No. 150
Manhole, Type "C-4" and
48 Lft. of 18" Pipe Req'd.

P.I. Sta. = 51+09.16 "A"
N: 722633.53
E: 1388763.14

Equation
P.C. Sta. = 49+98.26 "A" Back
= P.C. Sta. = 50+06.58 "A" Ahead
N: 722595.88
E: 1388667.72

Curve Data
P.I. Sta. 51+09.16 "A"
Delta = 20°18'00" Rt.
R = 572.96 Ft.
T = 102.58 Ft.
L = 203.00 Ft.
E = 9.11 Ft.
SE = N/A

P.T. Sta. = 52+09.58 "A"
N: 722635.74
E: 1388865.69

END CONSTRUCTION
PROJECT NO. 1700182
P.O.T. STA. 52+99.18
LINE "A"
N: 722637.67
E: 1388955.26

Sec. 1, T-14-N, R-3-E
Perry Township
Marion County

Matchline Sta. 48+00 "A" (See Previous Sheet)

Note: See CD-01 for Legend

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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700182
SURVEY BOOK	SHEETS CD-07
Electronic	41 of 119
CONTRACT	PROJECT
R-40869	1700182

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Sec. 36, T-15-N, R-3-E
Perry Township
Marion County

100

101

102

103

104

105

BEGIN CONSTRUCTION
PROJECT NO. 1700182
P.O.T. STA. 101+00.00
RAMP "PR-SWC"
N: 724683.20
E: 1387853.97

BEGIN INCIDENTAL CONSTRUCTION
PROJECT NO. 1700182
P.O.T. STA. 100+75.00
RAMP "PR-SWC"
N: 724694.70
E: 1387831.77

Equation:
P.O.T. Sta. = 100+00.00 "PR-SWC"
= P.O.T. Sta. = 3+00.00 "SWC"
N: 724729.18
E: 1387765.16

Equation:
P.C. Sta. = 103+96.44 "PR-SWC"
= P.O.T. Sta. = 6+96.44 "SWC"
N: 724546.93
E: 1388117.23

I-465 (Eastbound Lanes) (Conc.)

Line "SWC"
S 62°37'53" E

Exit Ramp
(Conc.)

Ramp "PR-SWC"
S 62°37'53" E

Ramp "PR-SWC"

Line "SWC"

Constr. Limits

Matchline Sta. 105+00 "PR-SWC" (See Next Sheet)

Note: See CD-01 for Legend

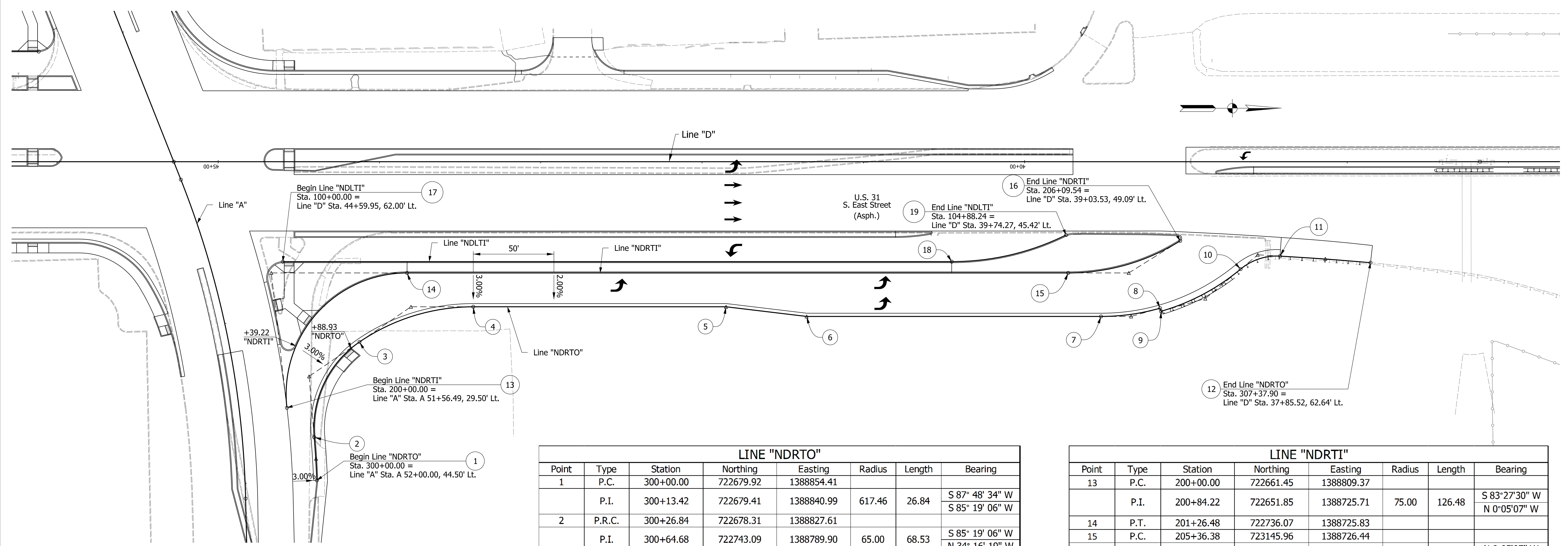
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NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700182
SURVEY BOOK	SHEETS CD-08
Electronic	42 of 119
CONTRACT	PROJECT
R-40869	1700182

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LINE "NDRTO"							
Point	Type	Station	Northing	Easting	Radius	Length	Bearing
1	P.C.	300+00.00	722679.92	1388854.41			
	P.I.	300+13.42	722679.41	1388840.99	617.46	26.84	S 87° 48' 34" W S 85° 19' 06" W
2	P.R.C.	300+26.84	722678.31	1388827.61			
	P.I.	300+64.68	722743.09	1388789.90	65.00	68.53	S 85° 19' 06" W N 34° 16' 19" W
3	P.C.C.	300+95.38	722706.49	1388768.59			
	P.I.	301+34.02	722738.42	1388746.83	125.00	74.96	N 34° 16' 19" W N 0° 05' 07" W
4	P.T.	301+70.33	722777.07	1388746.89			
5	P.I.	303+27.03	722933.76	1388747.12			N 0° 05' 07" W
6	P.I.	303+77.39	722983.75	1388753.20			N 6° 55' 41" E
7	P.C.	305+59.90	723166.27	1388753.47			N 0° 05' 07" W
	P.I.	305+78.58	723184.95	1388753.50	133.00	37.11	N 0° 05' 07" E N 15° 54' 10" W
8	P.T.	305+97.02	723202.91	1388748.38			
9	P.C.	305+99.02	723203.46	1388750.30			N 74° 05' 50" E
	P.I.	306+27.56	723230.91	1388742.48	135.00	56.25	N 15° 54' 10" W N 39° 46' 34" W
10	P.R.C.	306+55.27	723252.84	1388724.23			
	P.I.	306+69.12	723263.48	1388715.36	35.00	26.38	N 39° 46' 34" W N 3° 24' 22" E
11	P.R.C.	306+81.65	723277.31	1388716.19			
	P.I.	307+09.77	723305.39	1388717.86	1888.00	56.25	N 3° 24' 22" E N 5° 06' 48" E
12	P.T.	307+37.90	723333.40	1388720.36			

LINE "NDRTI"							
Point	Type	Station	Northing	Easting	Radius	Length	Bearing
13	P.C.	200+00.00	722661.45	1388809.37			
	P.I.	200+84.22	722651.85	1388725.71	75.00	126.48	S 83° 27' 30" W N 0° 05' 07" W
14	P.T.	201+26.48	722736.07	1388725.83			
15	P.C.	205+36.38	723145.96	1388726.44			
	P.I.	205+73.94	723183.53	1388726.50	131.00	73.16	N 0° 05' 07" W N 31° 54' 51" W
16	P.C.C.	206+09.54	723215.41	1388706.64			

LINE "NDLTI"							
Point	Type	Station	Northing	Easting	Radius	Length	Bearing
17	P.T.	100+00.00	722658.97	1388718.72			N 0° 05' 07" W
18	P.C.	104+14.76	723073.73	1388719.33			
	P.I.	104+52.16	723111.13	1388719.39	160.00	73.48	N 0° 05' 07" W N 26° 13' 38" W
19	P.O.C.	104+88.24	723144.68	1388702.86			

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 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ HER _____	DRAWN: _____ JSB _____	
CHECKED: _____ JLC _____	CHECKED: _____ HER _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

TURNING LANE DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700182
SURVEY BOOK	SHEETS TLDET-01
Electronic	53 of 121
CONTRACT	PROJECT
R-40869	1700182

105

106

107

Sec. 36, T-15-N, R-3-E
Perry Township
Marion County

108

I-465 (Eastbound Lanes) (Conc.)

109

(Conc. Bridge Deck)

(Conc. Bridge Deck)

END CONSTRUCTION
PROJECT NO. 1700182
P.O.T. STA. 109+06.78
RAMP "PR-SWC"
N: 724418.36
E: 1388608.23

BEGIN PROJECT
PROJECT NO. 1700182
P.O.T. STA. 26+54.96
LINE "D"
N: 724463.99
E: 1388646.66

Equation:
P.O.T. Sta. = 109+46.38 "PR-SWC"
N: 724411.97
E: 1388647.31

Curve Data
P.I. Sta. 105+50.00 "PR-SWC"
Delta = 18°05'00" Lt.
R = 965.00 Ft.
T = 153.56 Ft.
L = 304.57 Ft.
E = 12.14 Ft.
SE = 6.00%

Constr. Limits

P.T. Sta. = 107+01.01 "PR-SWC"
N: 724451.56
E: 1388405.15

+25.00
Begin Taper

+25.00
End Taper

+87.03

Ramp "PR-SWC"

S 80°42'53" E

+41.77

R = 80.0'

P.I. Sta. 12+25.20 "SWC"
N: 724303.85
E: 1388586.80

Guardrail, Remove 826 Lft.

13 Tons of Revetment
Riprap and 26 Sys. Of
Geotextile Type 1A Req'd.

NOTE TO REVIEWER:
DETENTION IS PLANNED AT STR. NO. 91.
THE DETENTION ANALYSIS WILL OCCUR
PRIOR TO THE STAGE 3 SUBMITTAL.

P.C. Sta. = 8+11.70 "SWC"
N: 724493.94
E: 1388219.59

P.I. Sta. = 105+50.00 "PR-SWC"
N: 724476.33
E: 1388253.60

Note: See CD-01 for Legend

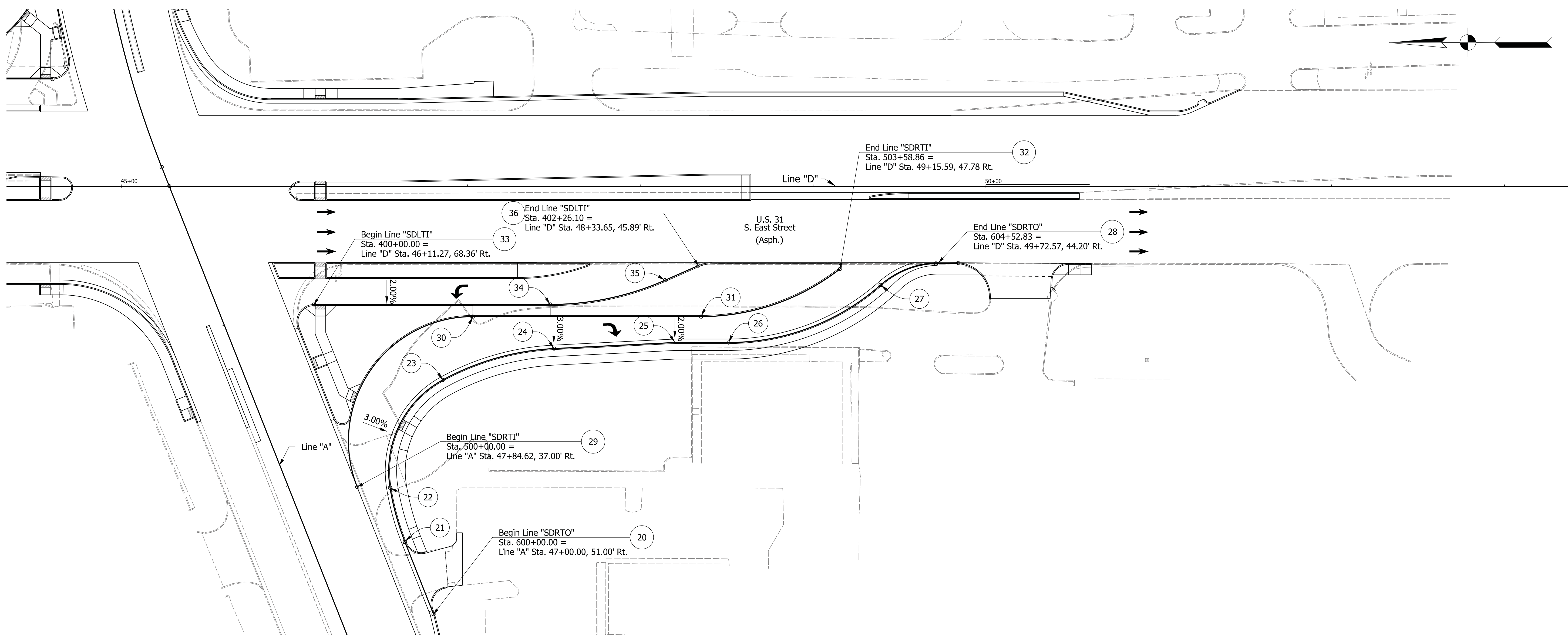
DRAFT
NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HER	DRAWN: CPH	
CHECKED: JLC	CHECKED: HER	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE	
1"=20'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1700182	
SURVEY BOOK	SHEETS	CD-09
Electronic	43 of 119	
CONTRACT	PROJECT	
R-40869	1700182	



LINE "SDRTO"							
Point	Type	Station	Northing	Easting	Radius	Length	Bearing
20	P.T.	600+00.00	722438.97	1388408.99			N 68°28'04" E
21	P.C.	600+45.00	722455.49	1388450.85			
	P.I.	600+61.32	722461.48	1388466.03	150.00	32.51	N 68°28'04" E N 80°53'10" E
22	P.C.C.	600+77.51	722464.06	1388482.14			
	P.I.	601+19.95	722470.79	1388524.05	60.00	73.88	N 80°53'10" E S 28°33'50" E
23	P.C.C.	601+51.39	722433.51	1388544.35			
	P.I.	601+85.73	722403.35	1388560.76	150.00	67.51	S 28°33'50" E S 2°46'38" E
24	P.T.	602+18.90	722369.06	1388562.43			
25	P.I.	602+88.94	722299.10	1388565.82	0.00		S 2°46'38" E S 0°05'07" W
26	P.C.	603+19.95	722268.09	1388565.77			
	P.I.	603+70.4	722217.56	1388565.70	133.00	96.57	S 0°05'07" W S 41°31'05" E
27	P.R.C.	604+16.52	722179.73	1388599.19			
	P.I.	604+35.52	722165.51	1388611.78	50.00	36.31	S 41°31'05" E S 0°05'07" E
28	P.T.	605+52.83	722146.52	1388611.75			

LINE "SDRTI"							
Point	Type	Station	Northing	Easting	Radius	Length	Bearing
29	P.C.	500+00.00	722483.06	1388482.57			
	P.I.	501+05.98	722521.95	1388581.15	72.00	140.26	N 68°28'04" E S 0°05'07" W
30	P.T.	501+40.26	722415.97	1388580.99			
31	P.C.	502+72.29	722283.95	1388580.80			
	P.I.	503+17.22	722239.01	1388580.73	131.00	86.57	S 0°05'07" W S 37°46'47" E
32	P.C.C.	503+58.86	722203.50	1388608.26			

LINE "SDLTI"							
Point	Type	Station	Northing	Easting	Radius	Length	Bearing
33	P.T.	400+00.00	722507.85	1388588.13			S 0°05'07" W
34	P.C.	401+36.61	722371.23	1388587.93			
	P.I.	401+71.30	722336.54	1388587.88	165.00	68.39	S 0°05'07" W S 29°39'42" E
35	P.T.	402+05.00	722304.77	1388601.80			
36	P.C.	402+26.10	722285.44	1388610.27			S 29°39'42" E

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DRAFT
 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ HER _____	DRAWN: _____ JSB _____	
CHECKED: _____ JLC _____	CHECKED: _____ HER _____	

INDIANA
 DEPARTMENT OF TRANSPORTATION

TURNING LANE DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=30'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1700182
SURVEY BOOK	SHEETS TLDET-02
Electronic	56 of 121
CONTRACT	PROJECT
R-40869	1700182



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DRAFT
 NOT FOR CONSTRUCTION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ HER _____	DRAWN: _____ CPH _____	
CHECKED: _____ JLC _____	CHECKED: _____ HER _____	

INDIANA
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS

HORIZONTAL SCALE	BRIDGE FILE	
1"=50'	N/A	
VERTICAL SCALE	DESIGNATION	
N/A	1700182	
SURVEY BOOK	SHEETS	PM-01
Electronic	83	of 121
CONTRACT	PROJECT	
R-40869	1700182	