

PROJECT	DESIGNATION
1702936, 1802854, 2001127	1702936, 1802854, 2001127
CONTRACT	
R-41837	

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS

ROUTE: US 36/SR 9FROM: RP 88+0.6 (US 36) TO: RP62+0.3 (SR 9)
PROJECT NO. 1702936, 1802854, 2001127 P.E.
1702936, 1802854, 2001127 R/W
1702936, 1802854, 2001127 CONST.

ADDED TRAVEL LANES, ACCESS CONTROL, AND PEDESTRIAN
IMPROVEMENTS ALONG US 36 FROM 0.28 MILE SOUTH OF SR 38 TO
HUNTSVILLE ROAD, IN SECTIONS 15, 16, 21 AND 28, T-18-N, R-7-E, FALL
CREEK TOWNSHIP, MADISON COUNTY, INDIANA.

TRAFFIC DATA	US 36 South of North Jct RP 88+62 to 89+5	US 36 East of North Jct	SR 9 North of North Jct RP 62+10 to 62+33
A.A.D.T. (2023)	16,525 V.P.D.	7,380 V.P.D.	15,167 V.P.D.
A.A.D.T. (2043)	17,573 V.P.D.	N/A V.P.D.	16,020 V.P.D.
D.H.V (2043)	1,650 V.P.H.	N/A V.P.H.	1,410 V.P.H.
DIRECTIONAL DISTRIBUTION	51.71 %	65 %	49.37 %
TRUCKS	7.83 % A.A.D.T. 6.06 % D.H.V.	4 % A.A.D.T. N/A % D.H.V.	15.75 % A.A.D.T. 14.07 % D.H.V.

DESIGN DATA			
DESIGN SPEED	40 M.P.H.	45 M.P.H.	40 M.P.H.
PROJECT DESIGN CRITERIA	4R (NON-FREEWAY)	4R (NON-FREEWAY)	4R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	OTHER PRINCIPAL ARTERIAL	MINOR ARTERIAL	OTHER PRINCIPAL ARTERIAL
RURAL/URBAN	URBAN (INTERMEDIATE)	URBAN (INTERMEDIATE)	URBAN (INTERMEDIATE)
TERRAIN	LEVEL	LEVEL	LEVEL
ACCESS CONTROL	NONE	LIMITED ACCESS	NONE

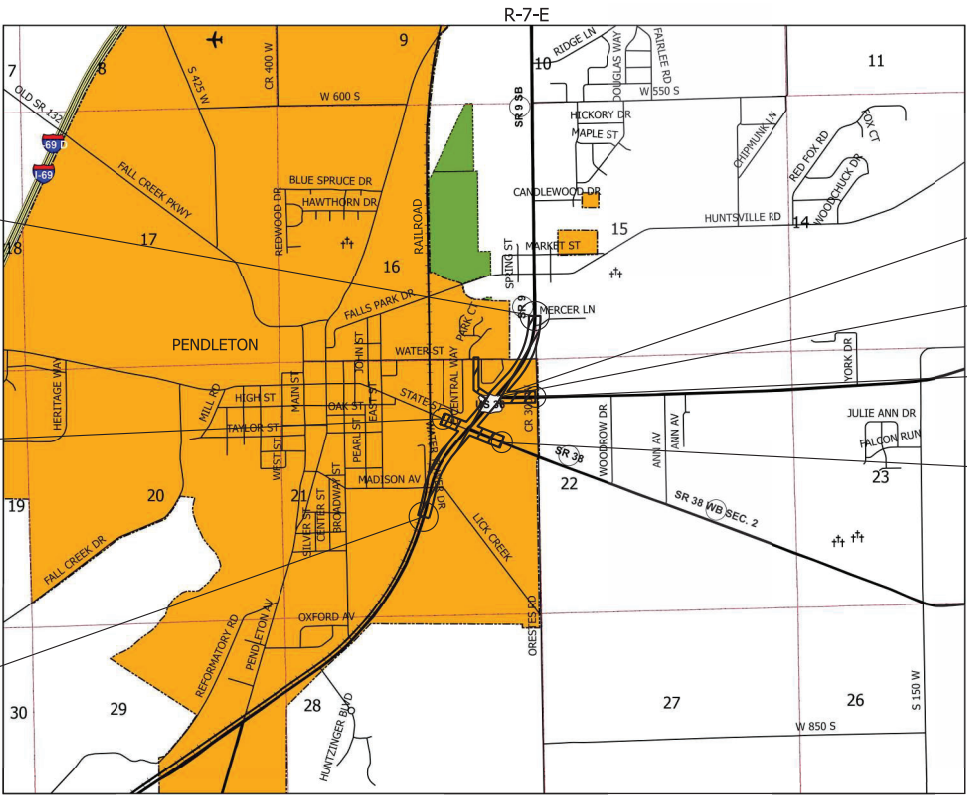
TRAFFIC DATA	STATE STREET	SR 38
A.A.D.T. (2023)	11,358 V.P.D.	8,872 V.P.D.
A.A.D.T. (2043)	11,883 V.P.D.	9,589 V.P.D.
D.H.V (2043)	N/A V.P.H.	N/A V.P.H.
DIRECTIONAL DISTRIBUTION	63 %	62 %
TRUCKS	2 % A.A.D.T. N/A % D.H.V.	4 % A.A.D.T. N/A % D.H.V.

DESIGN DATA		
DESIGN SPEED	35 M.P.H.	35 M.P.H.
PROJECT DESIGN CRITERIA	4R (NON-FREEWAY)	4R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	MINOR ARTERIAL	MINOR ARTERIAL
RURAL/URBAN	URBAN (INTERMEDIATE)	URBAN (INTERMEDIATE)
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	NONE	NONE

END PROJECT
DES. 1802854
STA. 438+37.35 "A"

Begin Construction
Sta. 95+25.00 "S-1-A"

BEGIN PROJECT
DES. 1702936/2001127
STA. 390+88.00 "A"



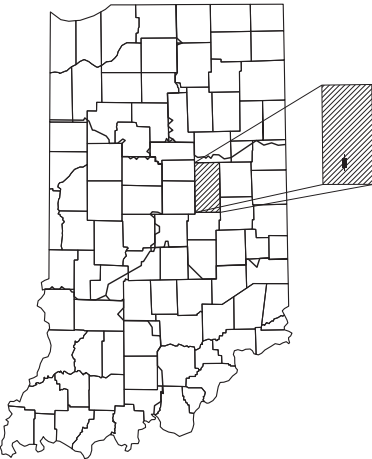
Madison County
SCALE: 1" = 2,000'

End Construction Sta. 417+50.00 "A"
(Des. No. 1702936/2001127)
Begin Construction Sta. 417+50.00 "A"
(Des. No. 1802854)

Begin Construction
Sta. 50+35.68 "S-2-A"

End Construction
Sta. 56+00.00 "S-2-A"

End Construction
Sta. 111+11.00 "S-1-A"



PROJECT LOCATION SHOWN BY
MADISON COUNTY

LATITUDE:	39° 59' 47.3" N
LONGITUDE:	85° 44' 16.5" W
GROSS LENGTH:	0.90 MI
NET LENGTH:	0.90 MI
MAX. GRADE:	3.17%

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2022
TO BE USED WITH THESE PLANS

CDM
Smith

211 North Pennsylvania Street, Suite 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

PLANS
PREPARED BY: CDM SMITH (317) 829-9600
PHONE NUMBER

CERTIFIED BY: DATE

APPROVED
FOR LETTING: INDIANA DEPARTMENT OF TRANSPORTATION DATE

SURVEY BOOK	SHEETS
ELECTRONIC	1 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127

TYPICAL SECTIONS LEGEND

- K

Full Depth HMA Pavement
165 lb/sys QC/QA HMA, 3, 70, Surface 9.5 mm, on
275 lb/sys QC/QA HMA, 3, 70, Intermediate 19.0 mm, on
880 lb/sys QC/QA HMA, 3, 70, Base 25.00 mm, on
Subgrade Treatment, Type IC
- L

165 lb/sys QC/QA HMA, 3, 70, Surface 9.5 mm, on
Widening with HMA, Type C consisting of
275 lb/sys HMA Intermediate, Type C, on
880 lb/sys HMA Base, Type C, on
Subgrade Treatment, Type IC
- M

165 lb/sys QC/QA HMA, 3, 70, Surface 9.5mm, on
HMA Patching, Full-depth, Type C consisting of
275 lb/sys HMA Intermediate, Type C, on
880 lb/sys HMA Base, Type C, on
Subgrade Treatment, Type IC
- R

165 lb/sys QC/QA HMA, 3, 70, Surface 9.5 mm, on
Milling, Asphalt, 1.5 in.
- F

Concrete Sidewalk
- P

HMA Shared-Use Path
110 lb/sys QC/QA HMA, 3, 70, Surface 9.5 mm, on
220 lb/sys QC/QA HMA, 3, 70, Intermediate 19.0 mm, on
Subgrade Treatment, Type II
- 13

Curb, Concrete
- 13A

Curb, Concrete, Modified
- 15

Curb and Gutter, Concrete
- 15A

Curb and Gutter, Concrete, Modified
- 22

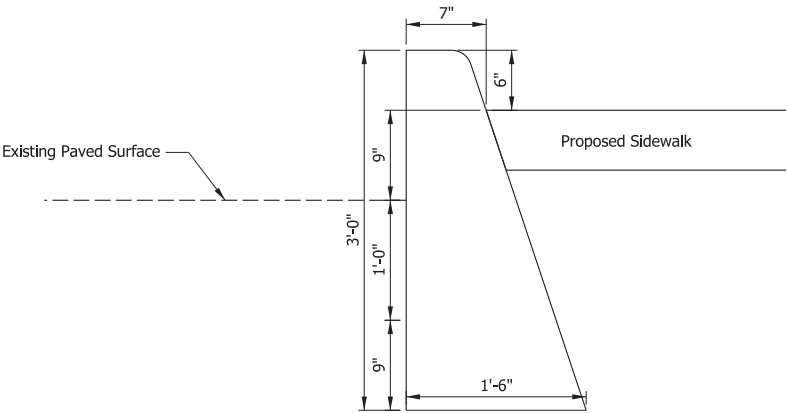
Center Curb, D Concrete
- 26

Sodding, Nursery
- 29

Seed Mixture, U with
Fertilizer,
Mulching Material, and
Water

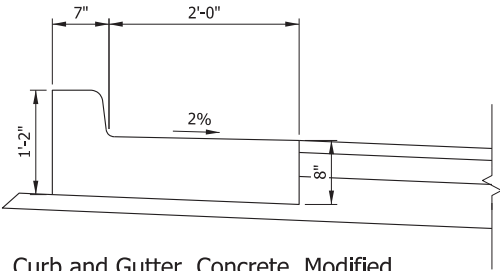
EXISTING APPROXIMATE SUPERELEVATIONS AND
APPROXIMATE STATION RANGES

CURVE	P.I. STA.	DEFLECTION	APPROX. MAX. %	BEGIN TRANSITION ENTRANCE STA.	END TRANSITION EXIT STA.
1	388+60.46 "A"	Left	2.4%	N/A	390+95 "A"
2	398+26.41 "A"	Right	5%	392+19 "A"	404+16 "A"
3	429+83.81 "A"	Left	4%	421+18 "A"	437+83 "A"



Curb, Concrete, Modified

Not to Scale

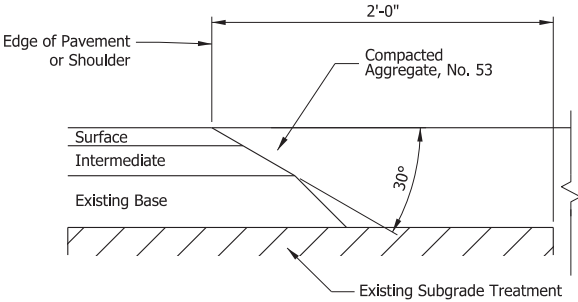


Curb and Gutter, Concrete, Modified

Not to Scale

Sta. 393+77.19 to 403+10.00
Transition from standard gutter cross slope for 25' starting Sta. 393+77.19
Transition to standard gutter cross slope for 25' ending Sta. 403+10.00

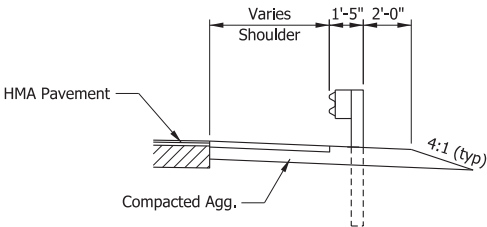
Sta. 421+15.00 to 433+68.74
Transition from standard gutter cross slope for 25' starting Sta. 421+15.00
Transition to standard gutter cross slope for 25' ending Sta. 433+68.74



SAFETY EDGE ON HMA PAVEMENT

Not to Scale

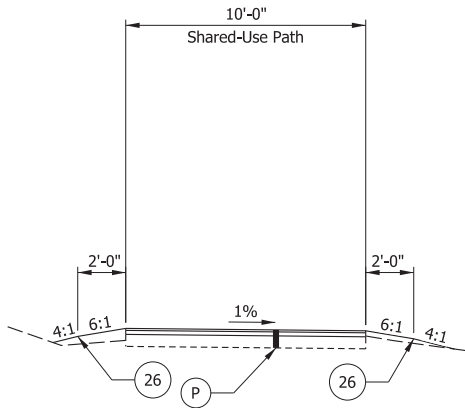
Note: Safety edge applies only to road
edges without curb or curb and gutter.



TYPICAL SECTION WITH GUARD RAIL

Not to Scale

Sta. 437+74.48 "A" to Sta. 438+57.82 "A", Req'd LT. & RT.
Sta. 440+26.10 "A" to Sta. 441+16.73 "A", Req'd LT.



PROPOSED TYPICAL SECTION - SHARED USE PATH

From US 36 along Hayden Way to Water Street
Sta. 0+00.00 to Sta. 9+36.10 Line "PATH-N"

CDM
Smith

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: HMH DRAWN: BDM
CHECKED: SMS CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LEGEND & DETAILS

SCALE BRIDGE FILE

1/4" = 1'-0"

DESIGNATION

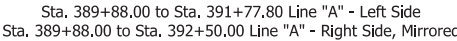
1702936, 1802854, 2001127

SURVEY BOOK SHEETS

ELECTRONIC 3 of 243

CONTRACT PROJECT

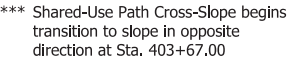
R-41837 1702936, 1802854, 2001127

[illegible]

J	Left Side 8'-9" to 2'-7" from Sta. 389+88.00 to Sta. 391+77.80
J	Right Side 10'-0" from Sta. 389+88.00 to Sta. 391+50.00 10'-0" to 3'-8" from Sta. 391+50.00 to Sta. 391+95.59 3'-8" to 2'-7" from Sta. 391+95.59 to Sta. 392+50.00



** L where width is less than 8 ft.
K where width is 8 ft. or greater.



** L where width is less than 8 ft.
K where width is 8 ft. or greater.

* Superelevation (e) of widening areas shall match existing superelevation.
See Page 3 for Superelevation Table

See Page 3 for Typical Sections Legend & Details.

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STAGE 3

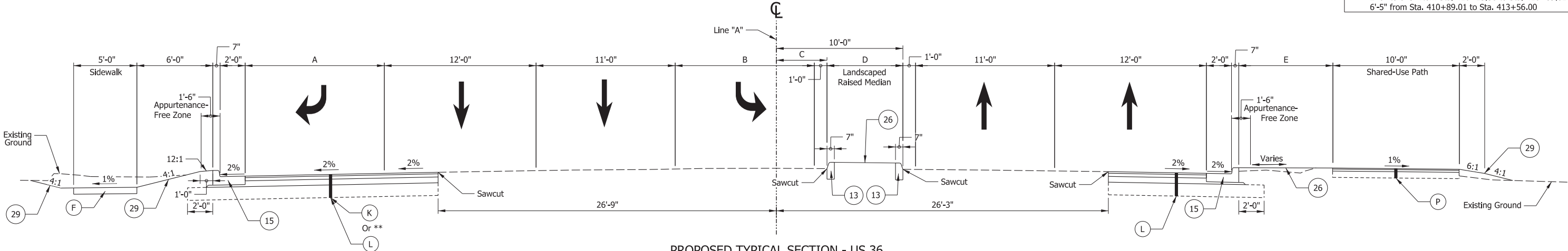
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS US 36 - LINE "A"

SCALE	BRIDGE FILE		
1/4" = 1'-0"	DESIGNATION		
	1702936, 1802854, 2001127		
SURVEY BOOK	SHEETS		
ELECTRONIC	4	of	243
CONTRACT	PROJECT		
R-41837	1702936, 1802854, 2001127		

A	11'-0" from Sta. 409+31.00 to Sta. 411+31.00
	11'-0" to 0'-0" from Sta. 411+31.00 to Sta. 412+31.00
B	11'-0" from Sta. 409+31.00 to Sta. 412+56.00
	11'-0" to 0'-0" from Sta. 412+56.00 to Sta. 413+56.00

C	4'-0" from Sta. 409+10.83 to Sta. 412+56.05
	4'-0" to -7'-0" from Sta. 412+56.05 to Sta. 413+56.00
D	6'-0" from Sta. 409+10.83 to Sta. 412+56.05
	6'-0" to 17'-0" from Sta. 412+56.05 to Sta. 413+56.00
E	2'-0" from Sta. 408+97.10 to Sta. 410+15.36
	2'-0" to 6'-5" from Sta. 410+15.36 to Sta. 410+89.01
	6'-5" from Sta. 410+89.01 to Sta. 413+56.00

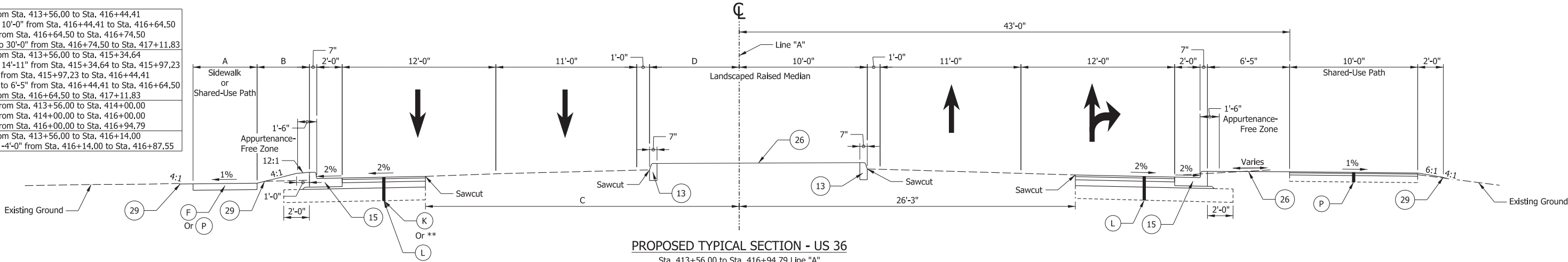


PROPOSED TYPICAL SECTION - US 36

Sta. 408+33.20 to Sta. 413+56.00 Line "A"
(Normal Crown)

** L where width is less than 8 ft.
K where width is 8 ft. or greater.

A	5'-0" from Sta. 413+56.00 to Sta. 416+44.41
	5'-0" to 10'-0" from Sta. 416+44.41 to Sta. 416+64.50
	10'-0" from Sta. 416+64.50 to Sta. 416+74.50
	10'-0" to 30'-0" from Sta. 416+74.50 to Sta. 417+11.83
B	6'-0" from Sta. 413+56.00 to Sta. 415+34.64
	6'-0" to 14'-11" from Sta. 415+34.64 to Sta. 415+97.23
	14'-11" from Sta. 415+97.23 to Sta. 416+44.41
	14'-11" to 6'-5" from Sta. 416+44.41 to Sta. 416+64.50
	6'-5" from Sta. 416+64.50 to Sta. 417+11.83
C	26'-9" from Sta. 413+56.00 to Sta. 414+00.00
	23'-3" from Sta. 414+00.00 to Sta. 416+00.00
	17'-9" from Sta. 416+00.00 to Sta. 416+94.79
D	7'-0" from Sta. 413+56.00 to Sta. 416+14.00
	7'-0" to -4'-0" from Sta. 416+14.00 to Sta. 416+87.55



PROPOSED TYPICAL SECTION - US 36

Sta. 413+56.00 to Sta. 416+94.79 Line "A"
(Normal Crown)

** L where width is less than 8 ft.
K where width is 8 ft. or greater.

See Page 3 for Typical Sections Legend & Details.

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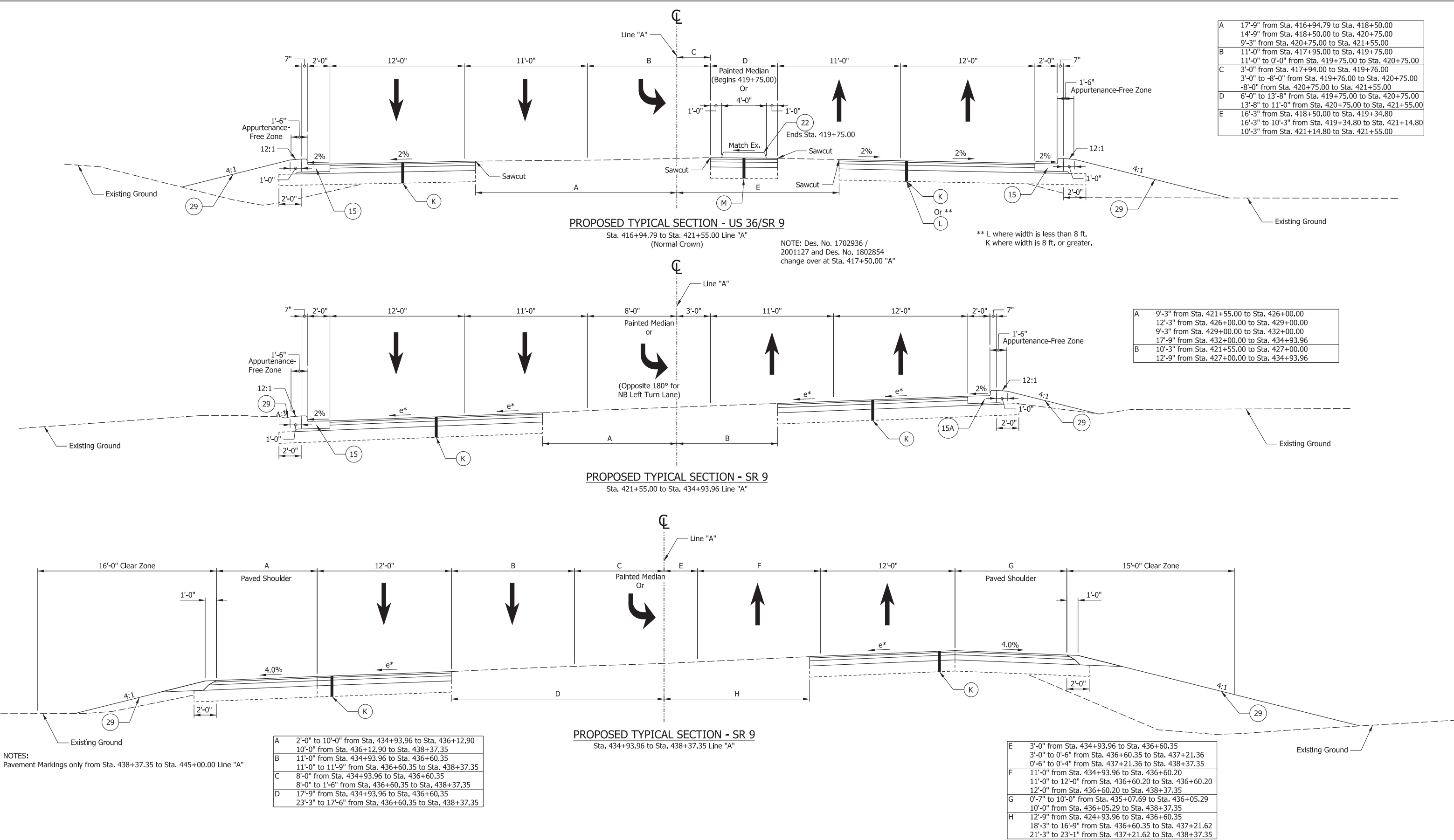
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: HMM	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
US 36 / SR 9 - LINE "A"

SCALE 1/4" = 1'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	5 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



See Page 3 for Typical Sections Legend & Details.

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

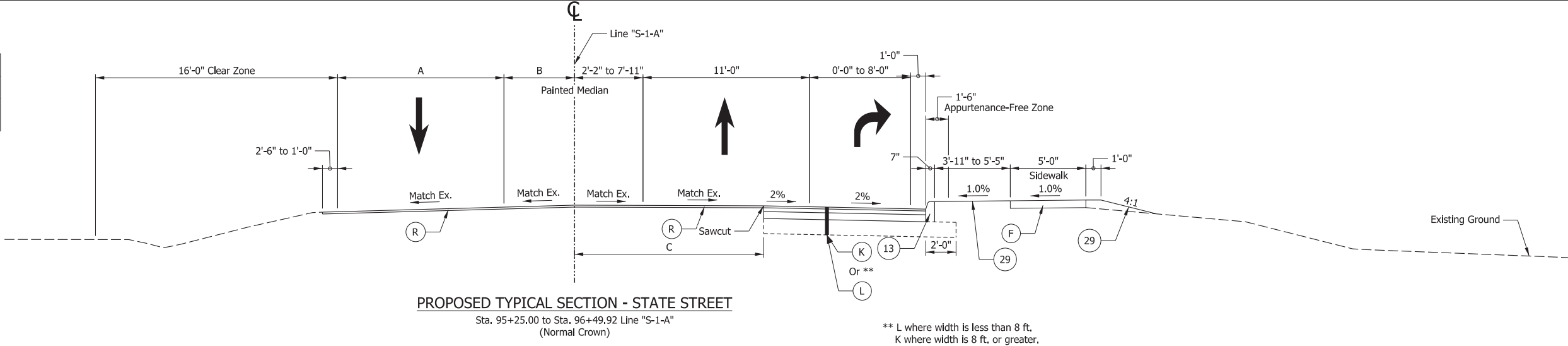
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DESIGNED: HMH	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

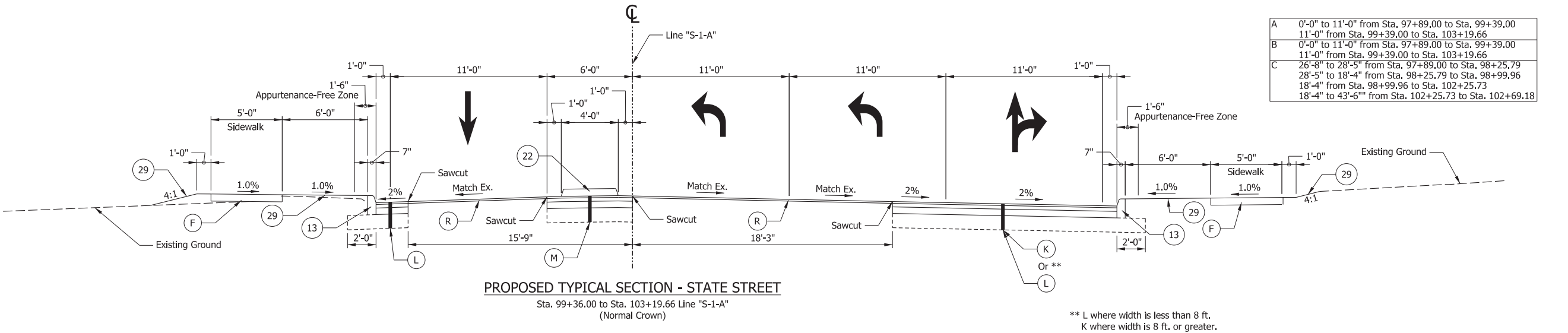
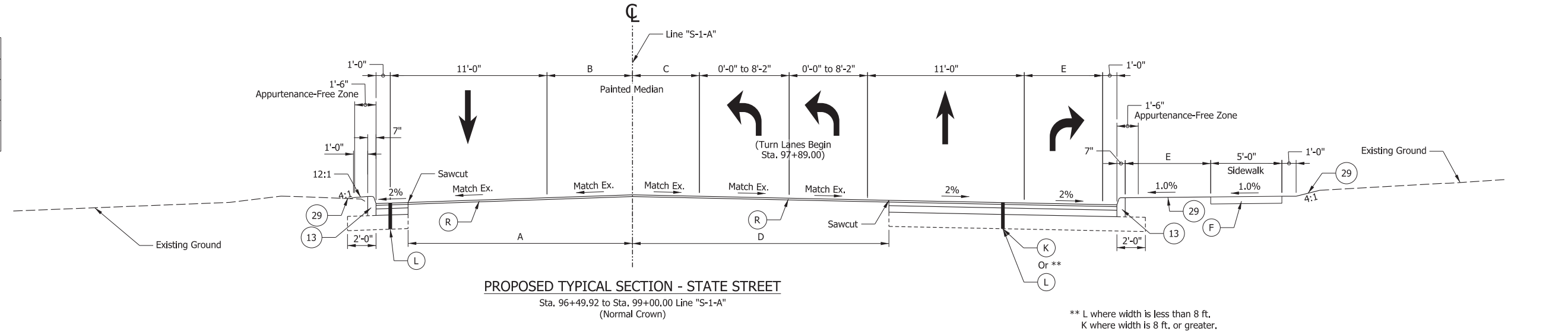
**TYPICAL SECTIONS
SR 9 - LINE "A"**

SCALE 1/4" = 1'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	6 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127

A	10'-4" to 11'-0" from Sta. 95+25.00 to Sta. 95+86.01 11'-0" from Sta. 95+86.01 to Sta. 96+49.92
B	0'-4" to 1'-8" from Sta. 95+25.00 to Sta. 95+86.30 1'-8" to 3'-4" from Sta. 95+86.30 to Sta. 96+49.92
C	8'-9" to 12'-5" from Sta. 95+25.00 to Sta. 96+00.00 14'-11" to 16'-1" from Sta. 96+00.00 to Sta. 96+25.00 18'-4" to 19'-10" from Sta. 96+25.00 to Sta. 96+49.92



A	13'-2" to 15'-9" from Sta. 96+49.92 to Sta. 97+50.04 15'-9" Sta. 97+50.04 to Sta. 99+00.00
B	3'-4" to 6'-0" from Sta. 96+49.92 to Sta. 97+50.16 6'-0" from Sta. 97+50.16 to Sta. 99+00.00
C	7'-11" to 14'-4" from Sta. 96+49.92 to Sta. 97+89.00 14'-4" to 3'-9" from Sta. 97+89.00 to Sta. 99+00.00
D	19'-10" to 28'-5" from Sta. 96+49.92 to Sta. 98+25.79 28'-5" to 18'-3" from Sta. 98+25.79 to Sta. 99+00.00
E	8'-0" to 11'-0" from Sta. 96+49.92 to Sta. 96+96.43 11'-0" from Sta. 96+96.43 to Sta. 97+46.37 11'-0" to 2'-0" from Sta. 97+46.37 to Sta. 99+00.00



A	0'-0" to 11'-0" from Sta. 97+89.00 to Sta. 99+39.00 11'-0" from Sta. 99+39.00 to Sta. 103+19.66
B	0'-0" to 11'-0" from Sta. 97+89.00 to Sta. 99+39.00 11'-0" from Sta. 99+39.00 to Sta. 103+19.66
C	26'-8" to 28'-5" from Sta. 97+89.00 to Sta. 98+25.79 28'-5" to 18'-4" from Sta. 98+25.79 to Sta. 98+99.96 18'-4" from Sta. 98+99.96 to Sta. 102+25.73 18'-4" to 43'-6" from Sta. 102+25.73 to Sta. 102+69.18

See Page 3 for Typical Sections Legend & Details.

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
STATE ST - LINE "S-1-A"

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

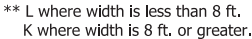
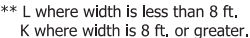
R-41837

SHEETS

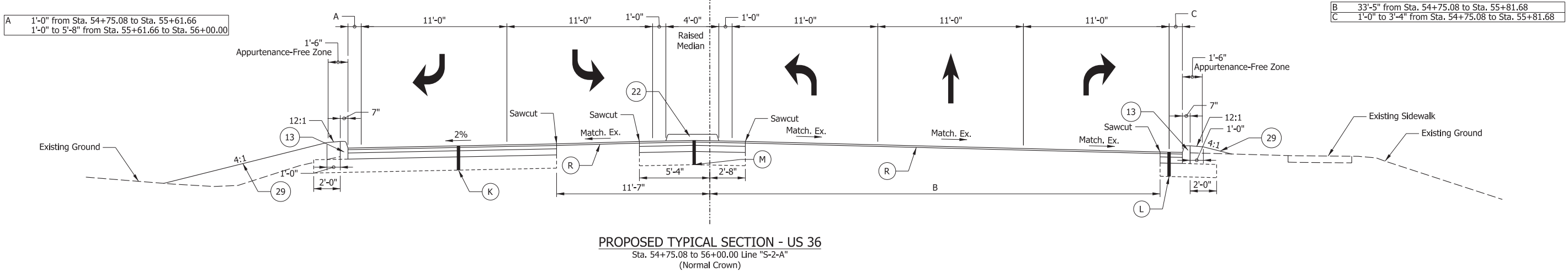
7 of 243

PROJECT

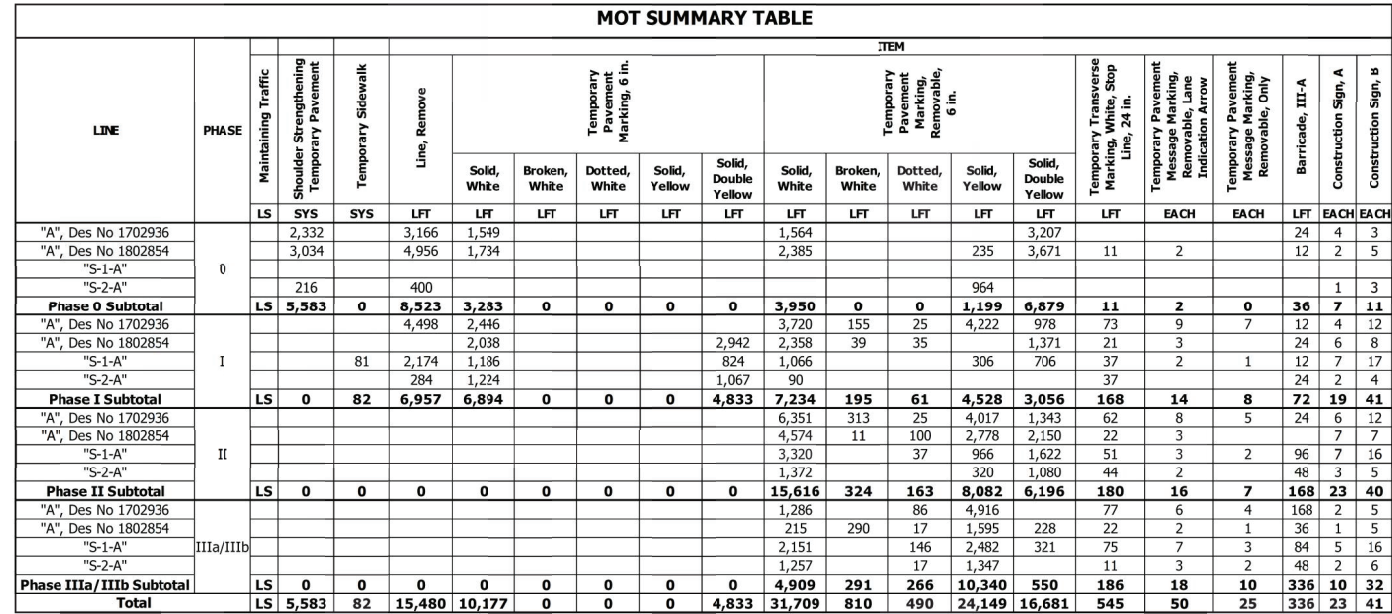
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6, 1802854, 2001127



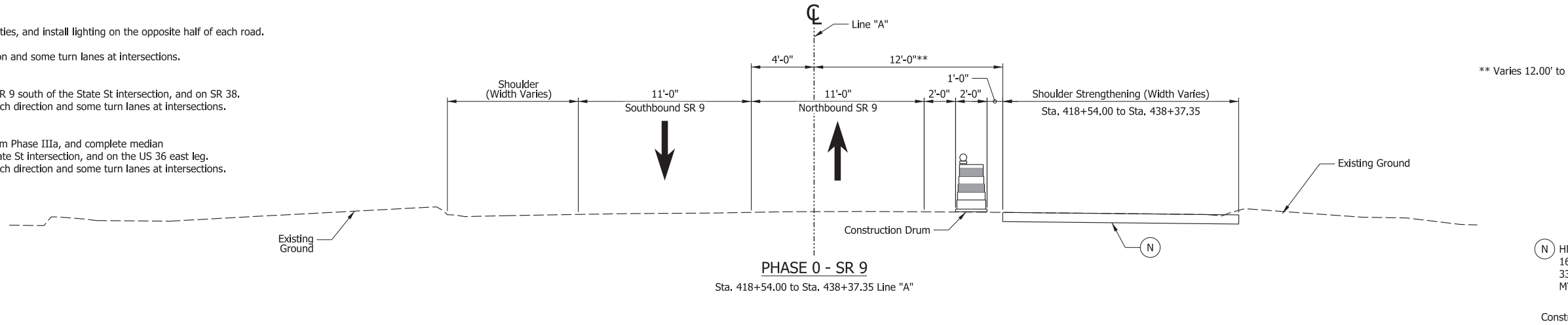
SCALE	BRIDGE FILE		
1/4" = 1'-0"			
	DESIGNATION		
	1702936, 1802854, 2001127		
SURVEY BOOK	SHEETS		
ELECTRONIC	9	of	243
CONTRACT	PROJECT		
R-41837	1702936, 1802854, 2001127		

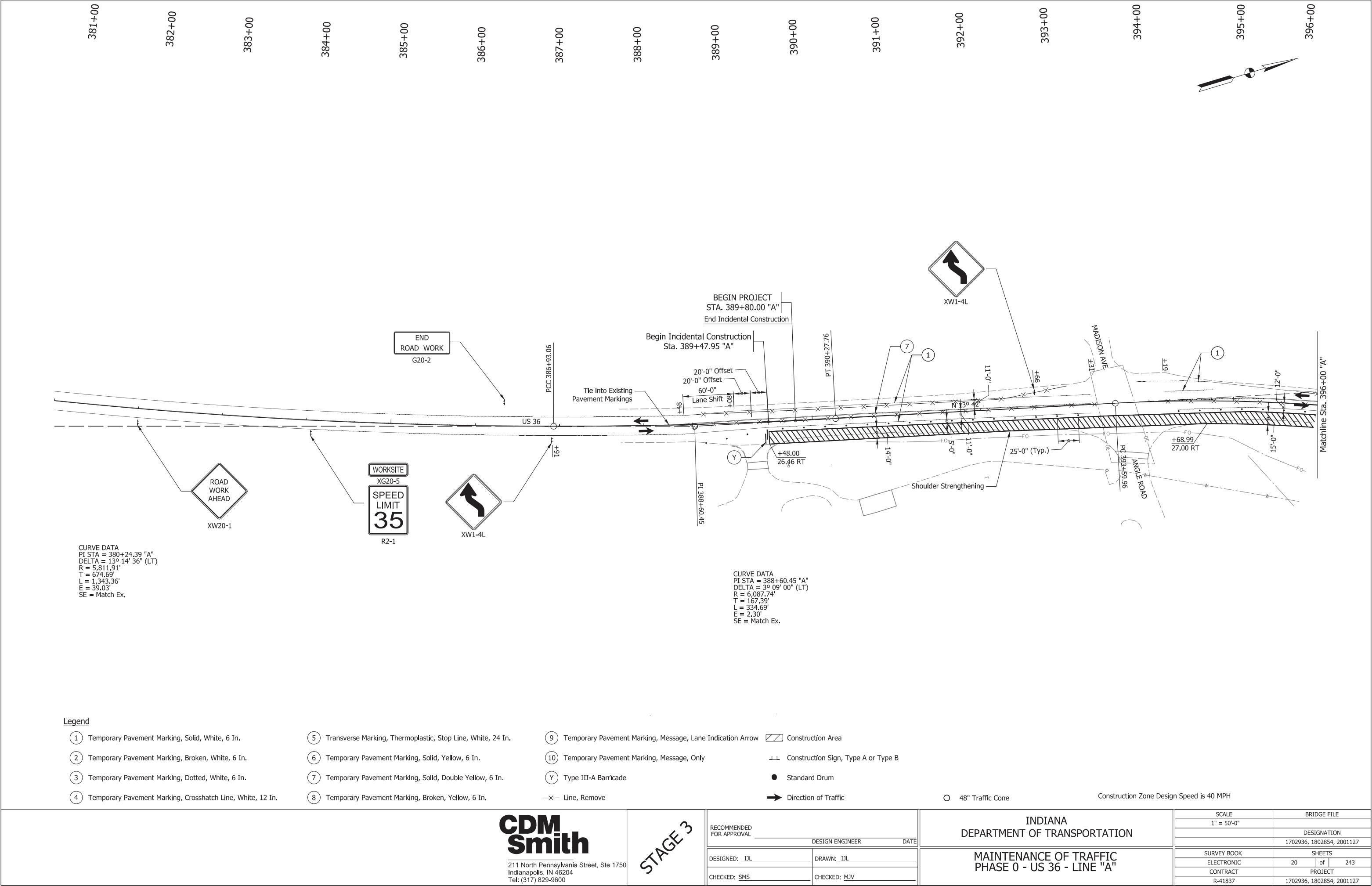


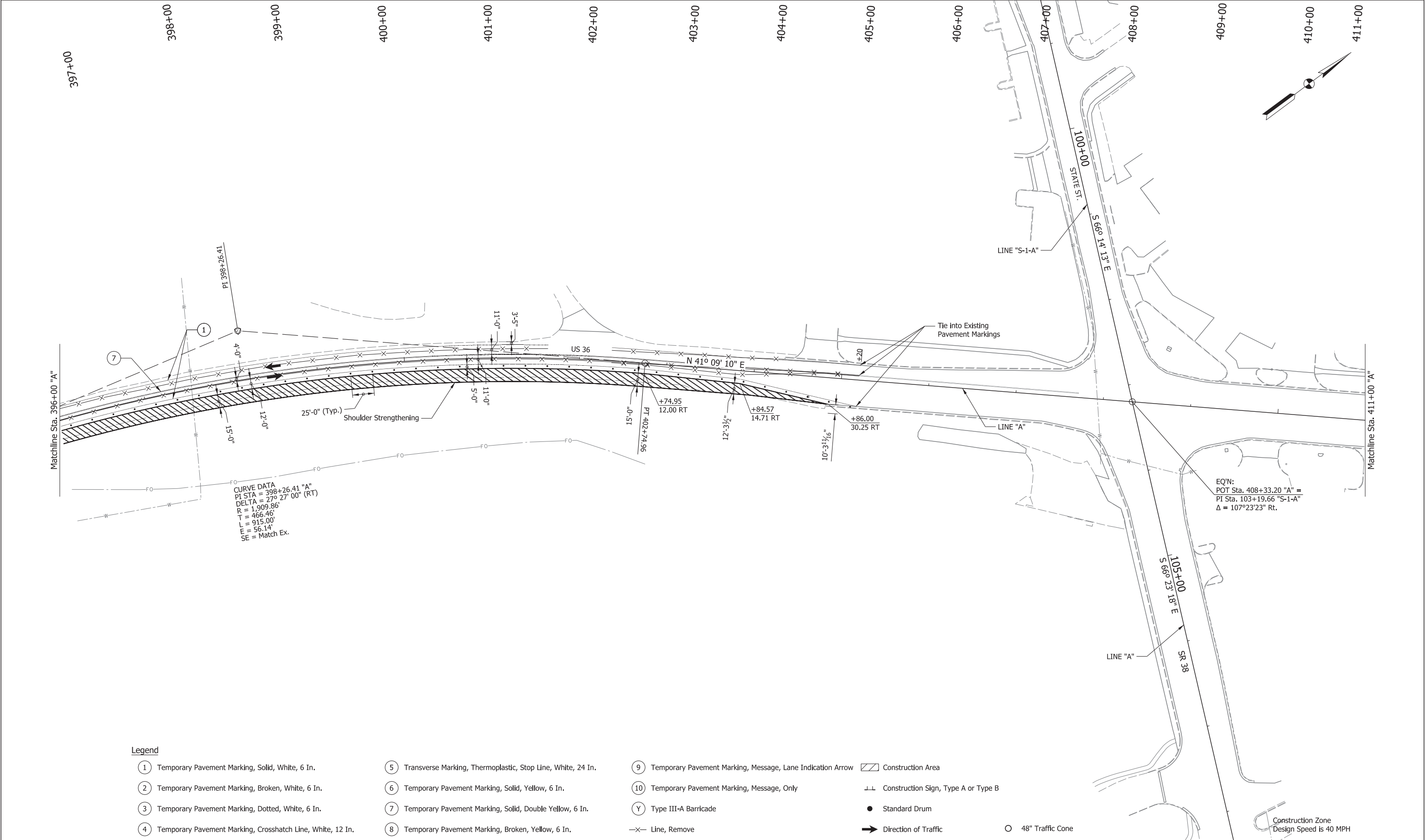
Phase 0:
Strengthen shoulders with temporary pavement on US 36 and SR 9 for future phases.
Remove existing median on US 36 east leg and replace with temporary HMA pavement.
Construct signals at the US 36/SR 38 intersection, and at the US 36/SR 9 intersection.
Complete each segment of shoulder strengthening separately to minimize impacts to traffic.
Maintain at least one lane of traffic in each direction and some turn lanes at intersections.

Phase II:
Widen roadway, construct pedestrian facilities, and install lighting on the opposite half of each road.
Construct Center Curb on State St.
Maintain one lane of traffic in each direction and some turn lanes at intersections.

Phase IIIb:
Maintain the same pavement markings from Phase IIIa, and complete median construction on US 36/SR 9 East of the State St intersection, and on the US 36 east leg. Maintain one lane of traffic minimum in each direction and some turn lanes at intersections.







Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove
- Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

48" Traffic Cone

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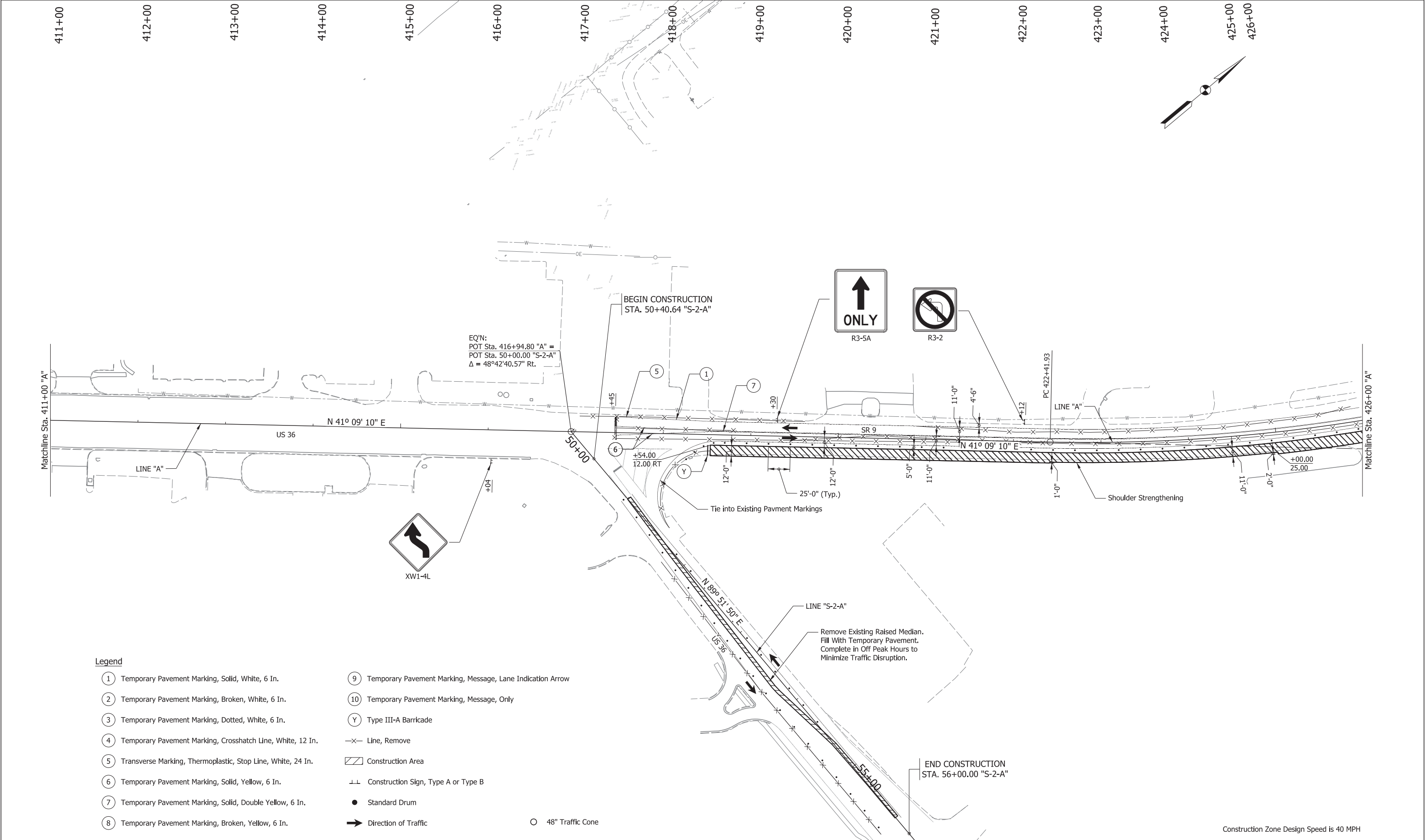
STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>IJL</u>	DRAWN: <u>IJL</u>	
CHECKED: <u>SMS</u>	CHECKED: <u>MJV</u>	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 0 - US 36 - LINE "A"

SCALE 1" = 50'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	21 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



Legend

- | | |
|---|--|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑩ Temporary Pavement Marking, Message, Only |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | Y Type III-A Barricade |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | —X— Line, Remove |
| ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ▨ Construction Area |
| ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⊥⊥ Construction Sign, Type A or Type B |
| ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | ● Standard Drum |
| ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | ➔ Direction of Traffic |
| | ○ 48" Traffic Cone |

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJL

DRAWN: DJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 0 - US 36/SR 9 - LINE "A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

22

243

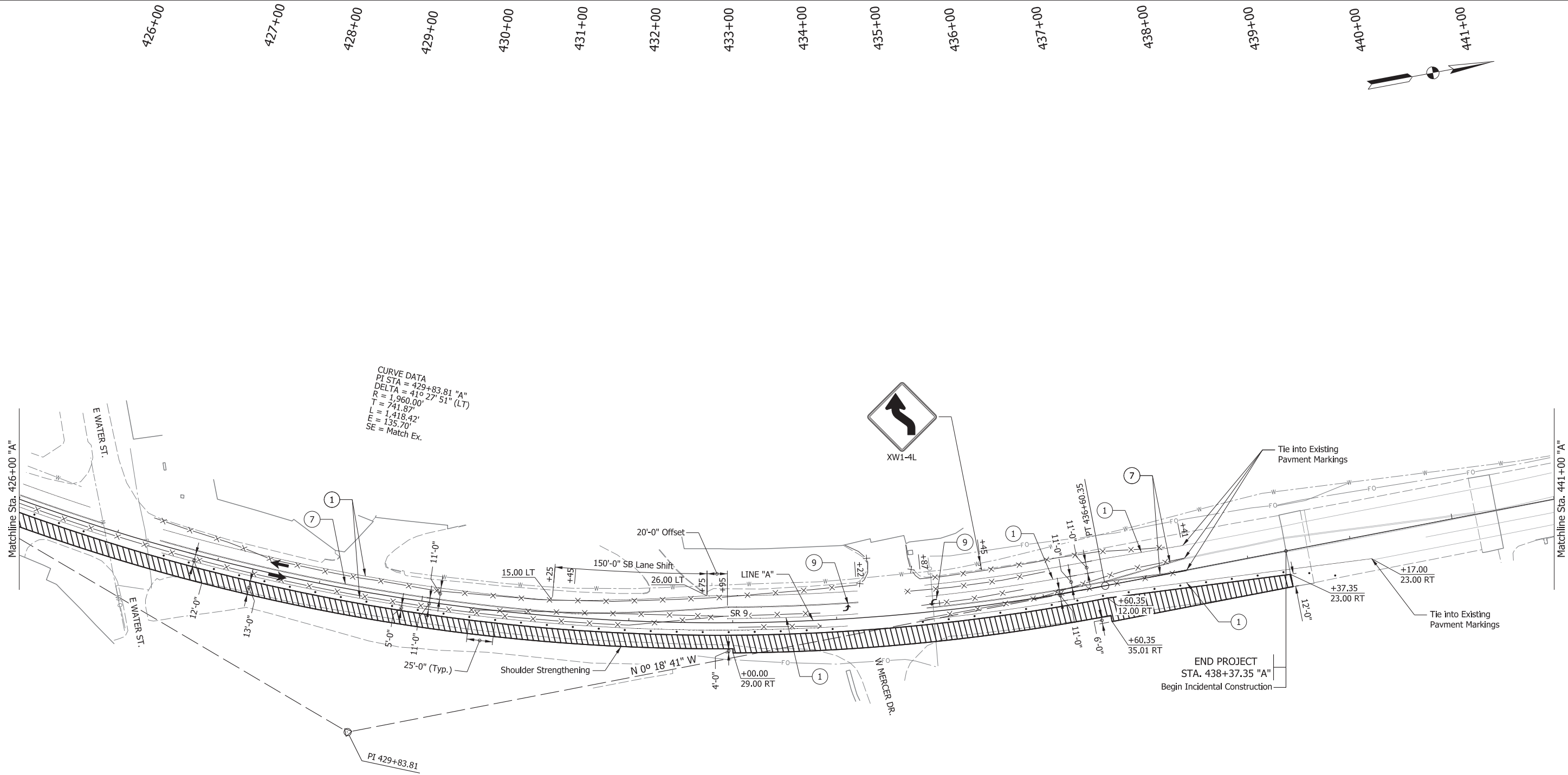
CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127

Construction Zone Design Speed is 40 MPH



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.
② Temporary Pavement Marking, Broken, White, 6 In.
③ Temporary Pavement Marking, Dotted, White, 6 In.
④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.
⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.
⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow
⑩ Temporary Pavement Marking, Message, Only
Y Type III-A Barricade
-X- Line, Remove

- Construction Area
Construction Sign, Type A or Type B
Standard Drum
Direction of Traffic

48" Traffic Cone

Construction Zone Design Speed is 40 MPH

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 0 - SR 9 - LINE "A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

23

of

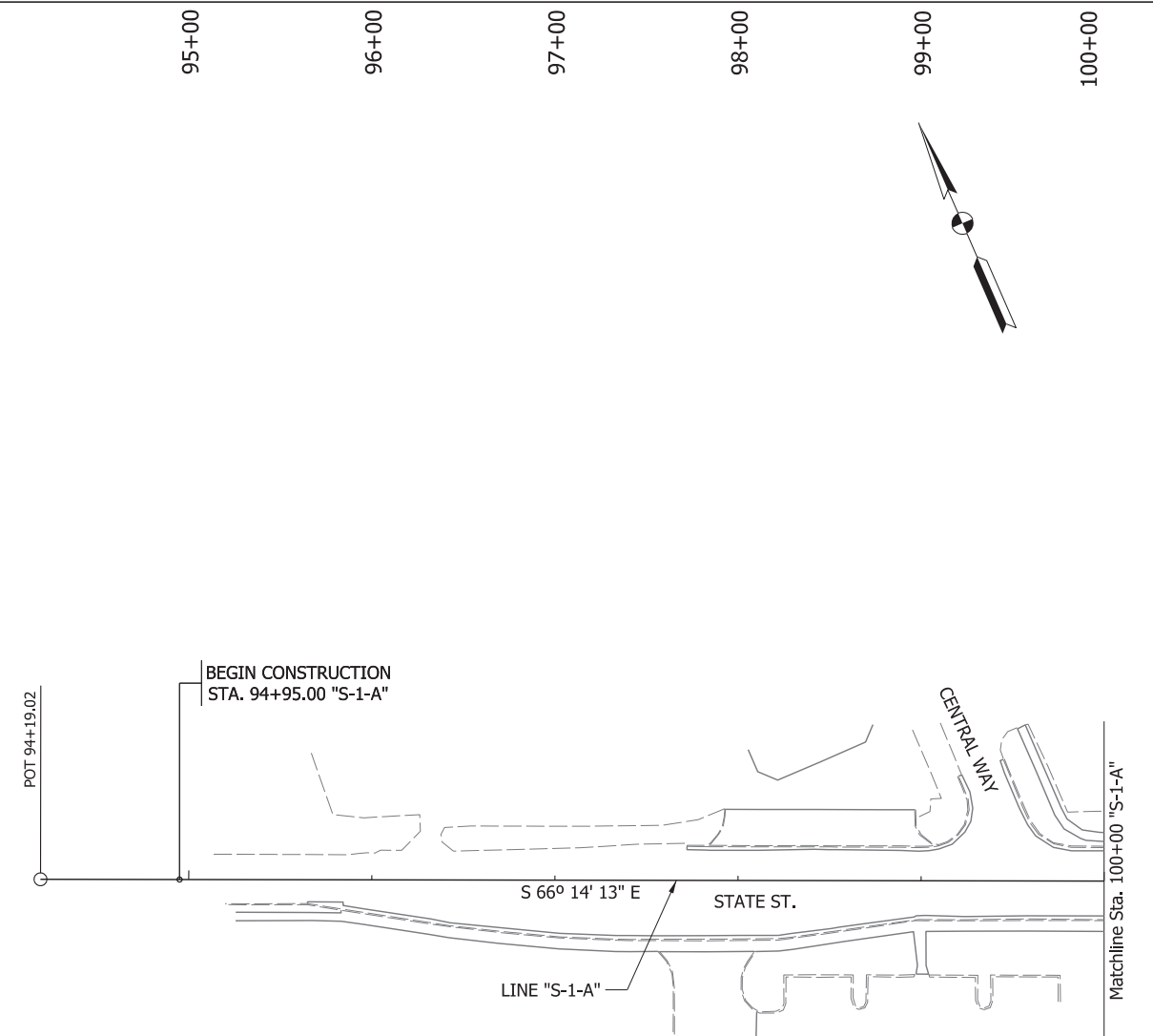
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Legend

- | | | | |
|--|---|--|---|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow |  Construction Area |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⑩ Temporary Pavement Marking, Message, Only |  Construction Sign, Type A or Type B |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | Y Type III-A Barricade | ● Standard Drum |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | —X— Line, Remove |  Direction of Traffic |
| | | | ○ 48" Traffic Cone |

Construction Zone Design Speed is 40 MPH

**CDM
Smith**

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Indianapolis, IN 46204
Tel: (317) 829-9600

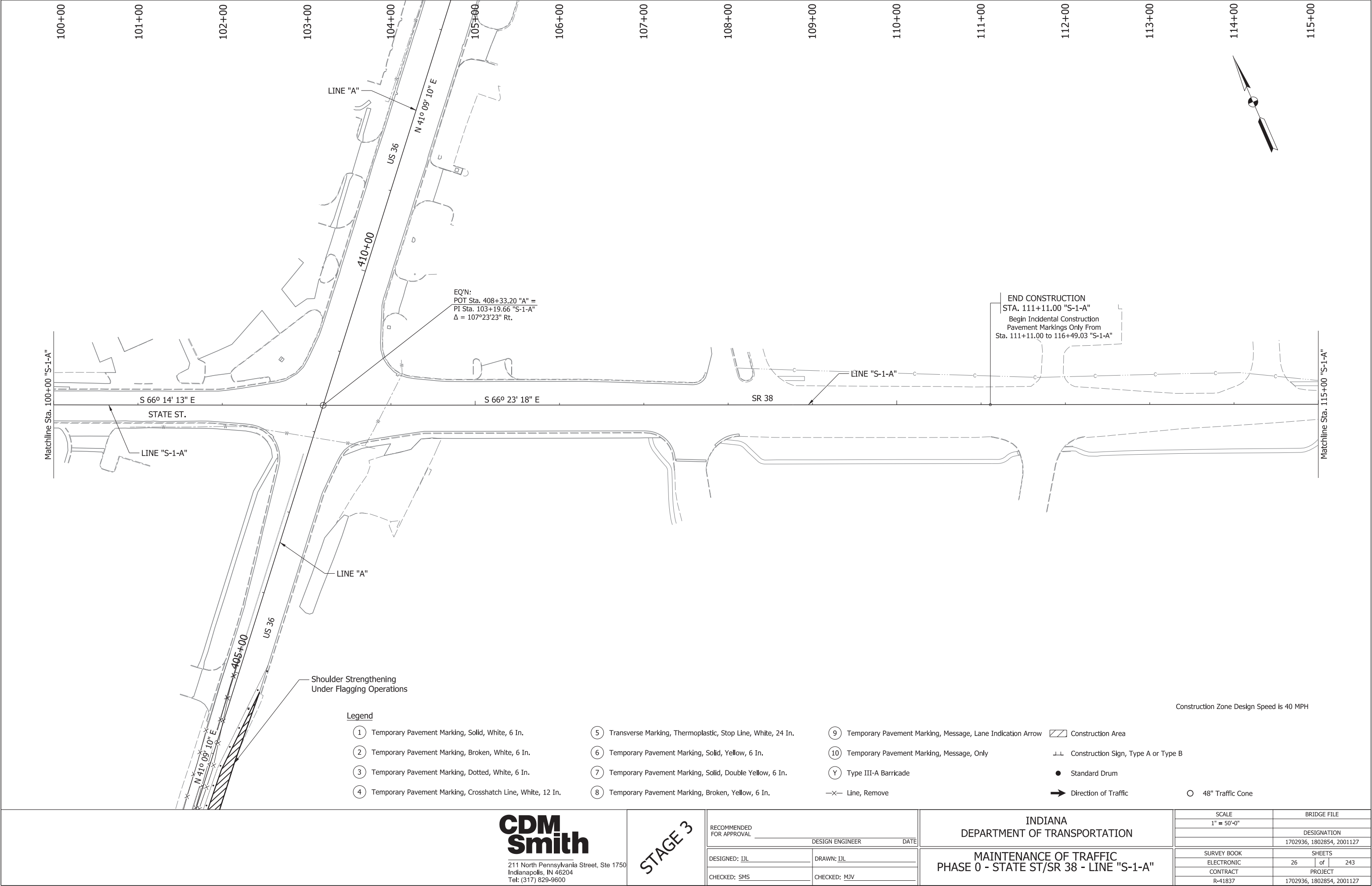
STAGE 3

RECOMMENDED FOR APPROVAL			DESIGN ENGINEER	DATE
DESIGNED: <u>IJL</u>	DRAWN: <u>IJL</u>			
CHECKED: <u>SMS</u>	CHECKED: <u>MJV</u>			

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 0 - STATE ST - LINE "S-1-A"

SCALE	BRIDGE FILE		
1" = 50'-0"			
	DESIGNATION		
	1702936, 1802854, 2001127		
SURVEY BOOK	SHEETS		
ELECTRONIC	25	of	243
CONTRACT	PROJECT		
R-41837	1702936, 1802854, 2001127		



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.
- ② Temporary Pavement Marking, Broken, White, 6 In.
- ③ Temporary Pavement Marking, Dotted, White, 6 In.
- ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
- ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.
- ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.
- ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow
- ⑩ Temporary Pavement Marking, Message, Only
- Y Type III-A Barricade
- X— Line, Remove

- ▨ Construction Area
- ⊥ Construction Sign, Type A or Type B
- Standard Drum
- ➔ Direction of Traffic

○ 48" Traffic Cone

Construction Zone Design Speed is 40 MPH

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 0 - STATE ST/SR 38 - LINE "S-1-A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

R-41837

SHEETS

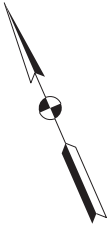
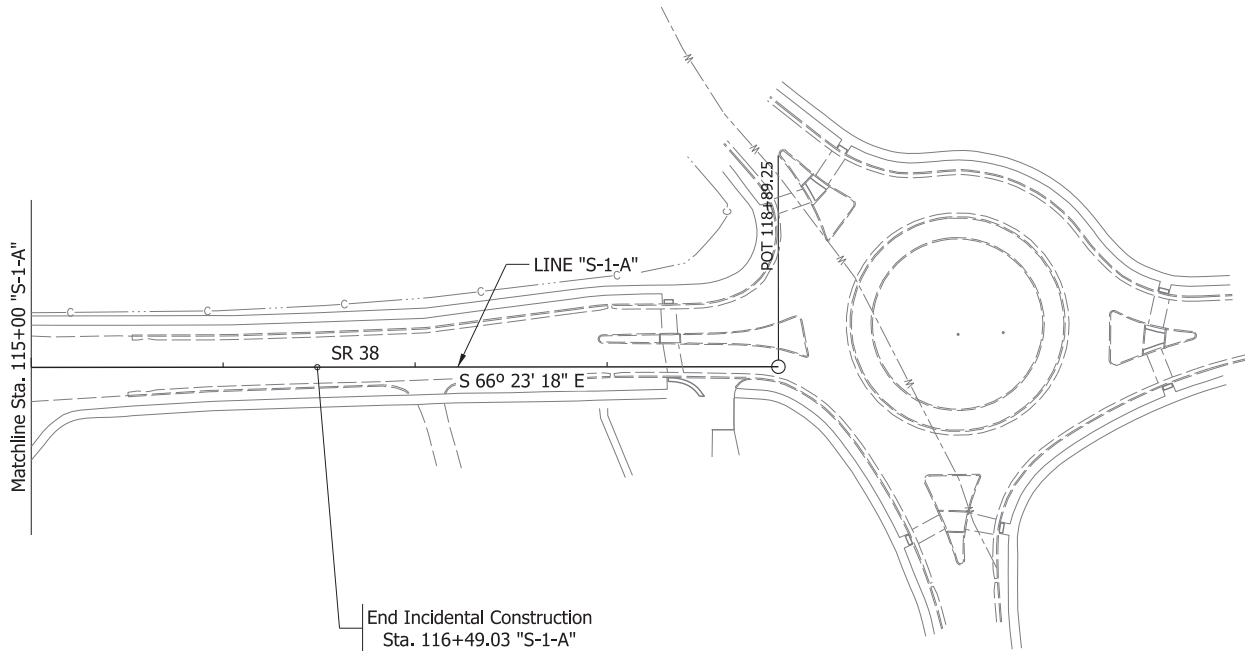
26

of

243

PROJECT

1702936, 1802854, 2001127



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.
- ② Temporary Pavement Marking, Broken, White, 6 In.
- ③ Temporary Pavement Marking, Dotted, White, 6 In.
- ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
- ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.
- ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.
- ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow
- ⑩ Temporary Pavement Marking, Message, Only
- Y Type III-A Barricade
- X— Line, Remove

- Construction Area
- Construction Sign, Type A or Type B
- Standard Drum
- Direction of Traffic
- 48" Traffic Cone

Construction Zone Design Speed is 40 MPH



211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

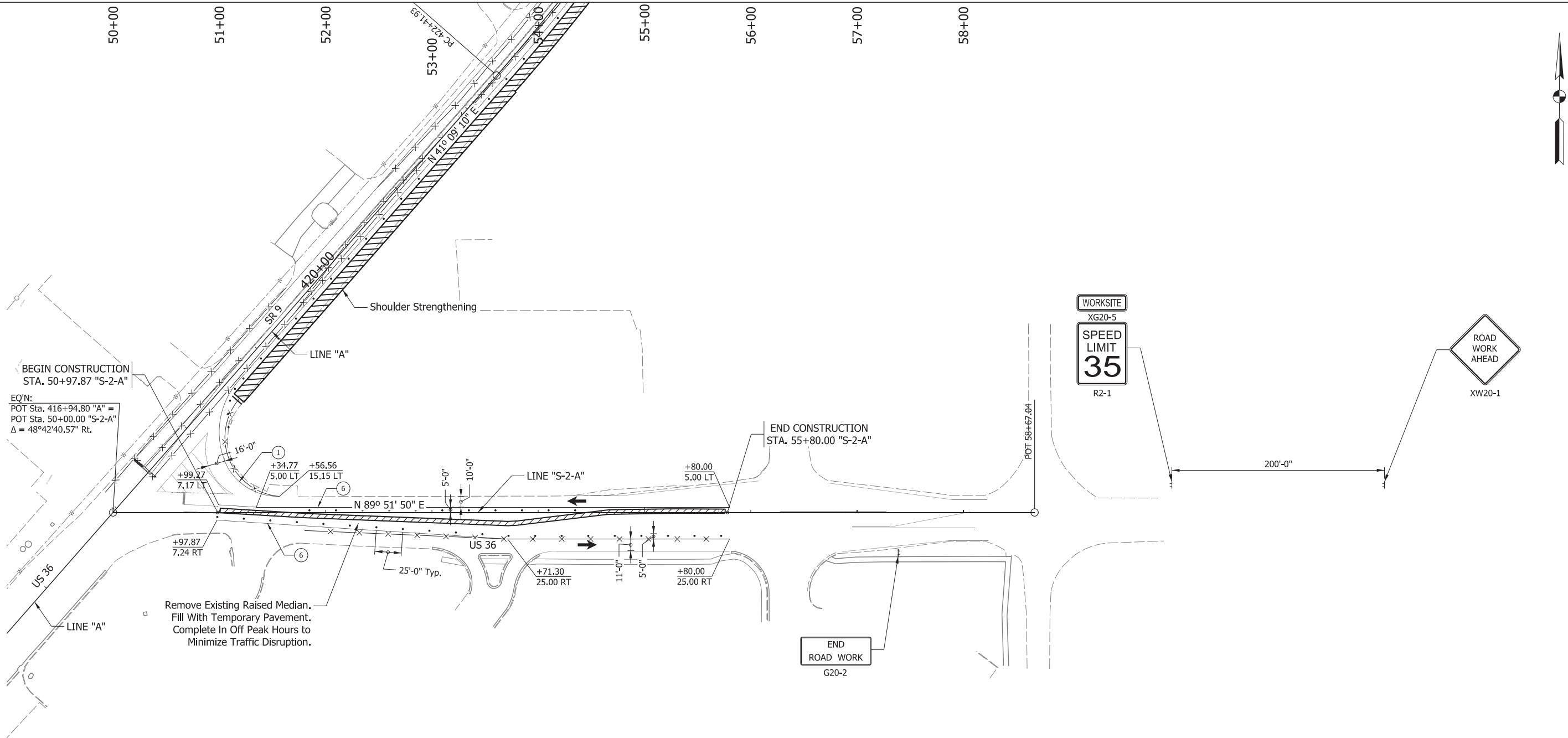
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: IJL	DRAWN: IJL
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 0 - SR 38 - LINE "S-1-A"

SCALE 1" = 50'-0"		BRIDGE FILE	
		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		27	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.
② Temporary Pavement Marking, Broken, White, 6 In.
③ Temporary Pavement Marking, Dotted, White, 6 In.
④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.
⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.
⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow
⑩ Temporary Pavement Marking, Message, Only
Y Type III-A Barricade
—x— Line, Remove

- ▨ Construction Area
⊥ Construction Sign, Type A or Type B
● Standard Drum
➔ Direction of Traffic

○ 48" Traffic Cone

Construction Zone Design Speed is 40 MPH

**CDM
Smith**

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE 0 - US 36 - LINE "S-2-A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

28

of

243

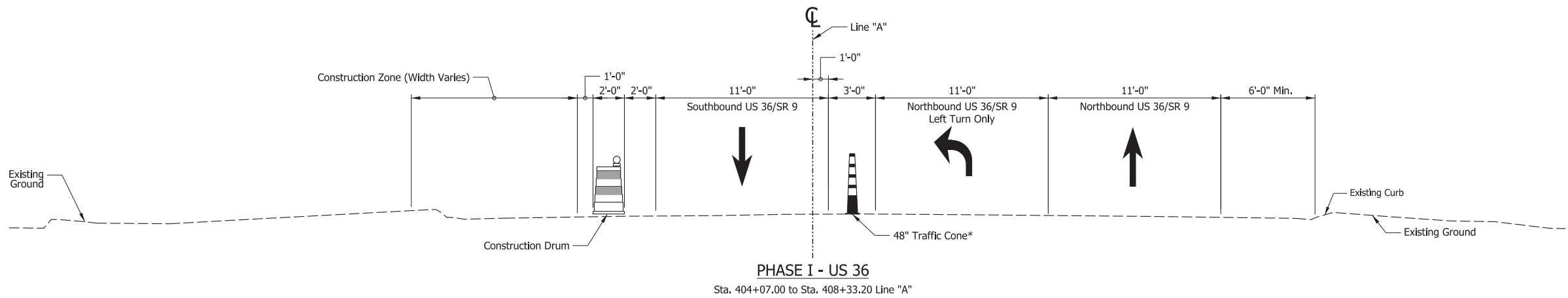
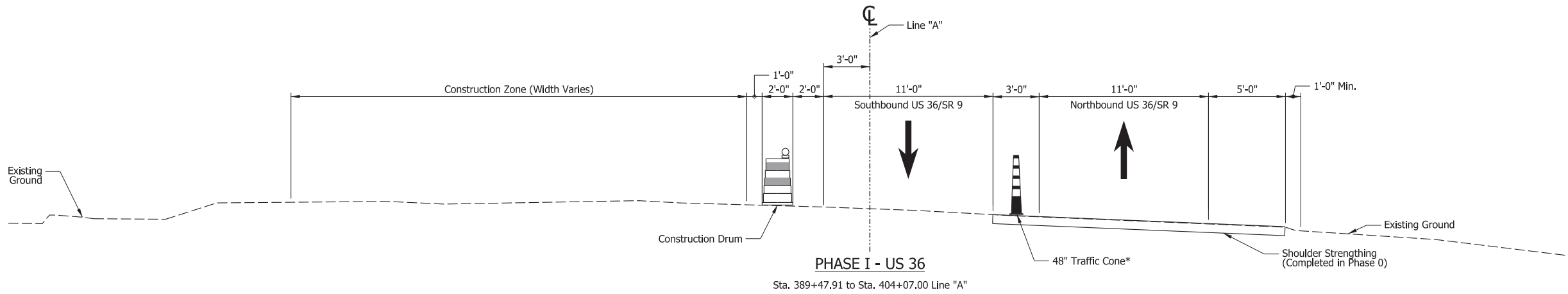
CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127

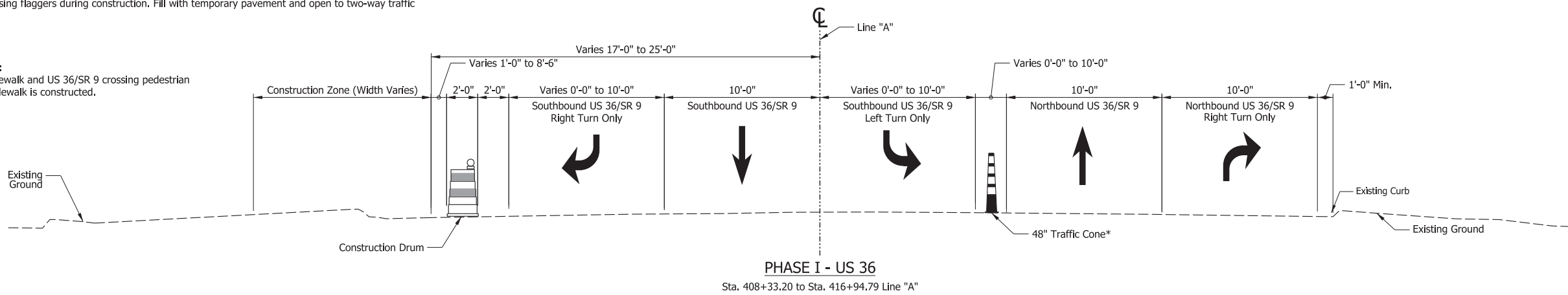
*48" Traffic Cones present from Sta. 391+18.00 to Sta. 393+30.00
Sta. 394+00.00 to Sta. 407+32.00
and Sta. 409+10.00 to Sta. 416+54.00



Phase I:
Widen roadway, construct pedestrian facilities, and install lighting on US 36 and SR 9 to the west side.
Widen roadway, construct pedestrian facilities, and install lighting on State Street, SR 38, and US 36 east leg to the south side.
Maintain at least one lane of traffic in each direction and some turn lanes at intersections.

Phase 1a:
Construct Phase 1A after completion of Phase 1, to minimize disruptions to two way traffic on State St.
Maintain one lane two way operation using flaggers during construction. Fill with temporary pavement and open to two-way traffic during non-work hours.

Phase I Pedestrian MOT (See Page 72):
Maintain access to existing State St sidewalk and US 36/SR 9 crossing pedestrian push button pedestals until the new sidewalk is constructed.



Construction Zone Design Speed is 40 mph

**CDM
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211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJL

DRAWN: DJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE I

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

29

of

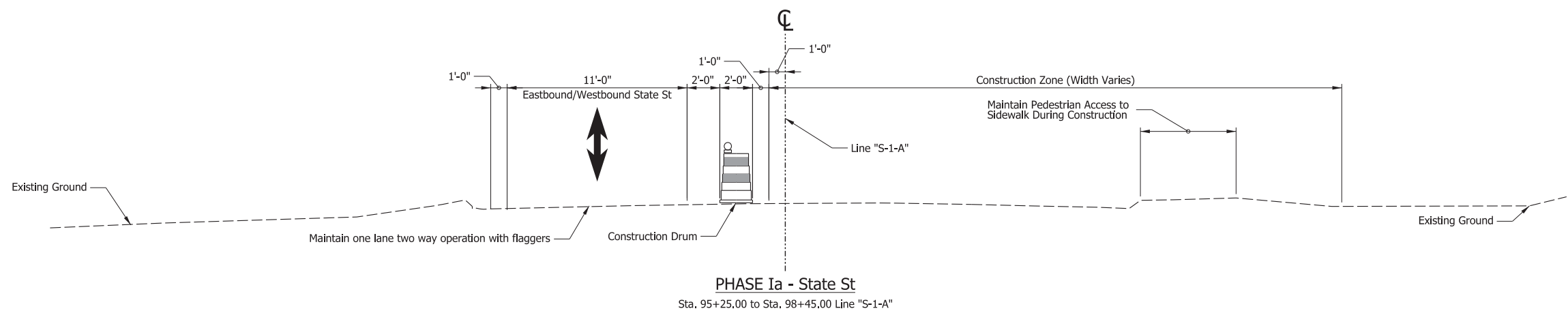
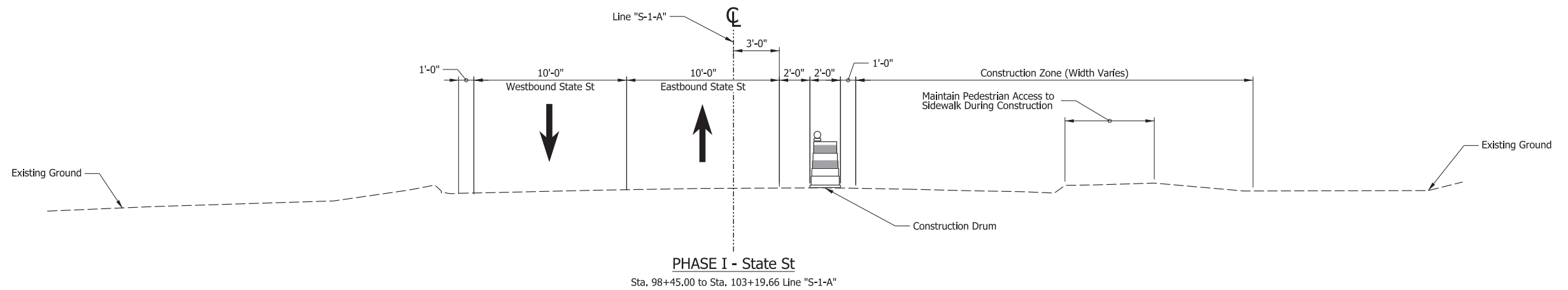
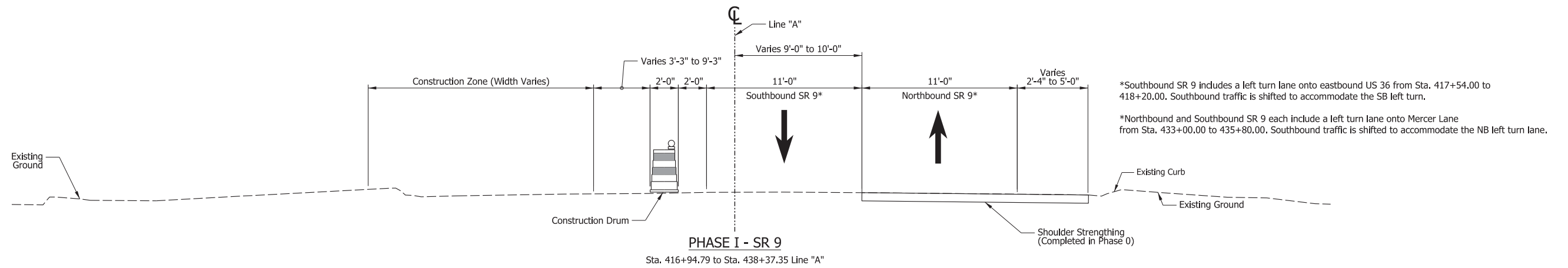
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Construction Zone Design Speed is 40 mph

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJL

DRAWN: DJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE I

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

30

of

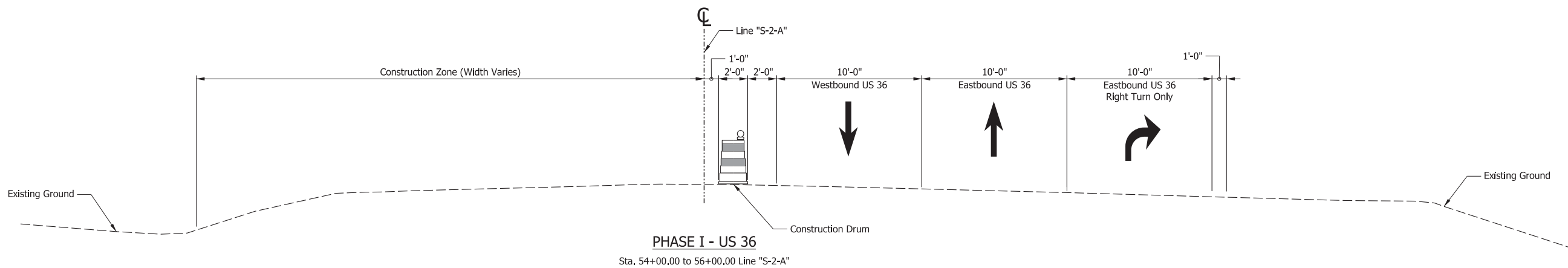
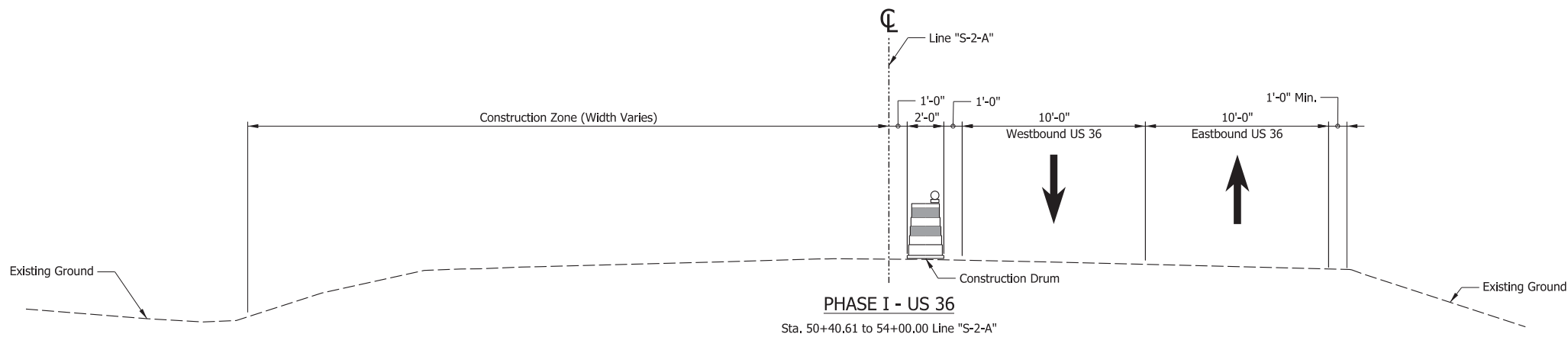
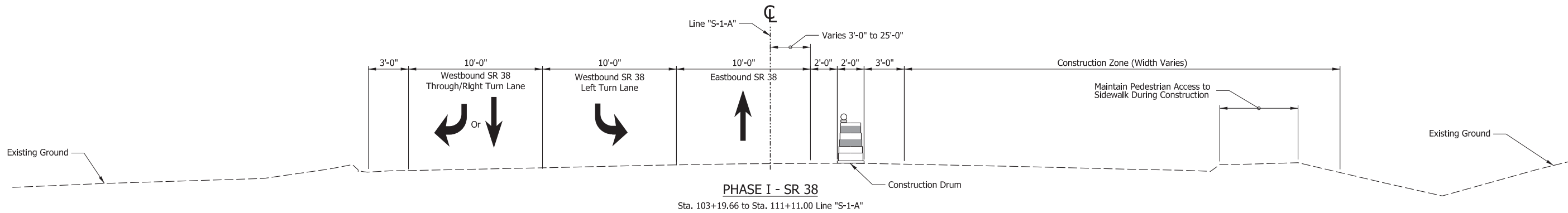
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Construction Zone Design Speed is 40 mph

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE I

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

31

of

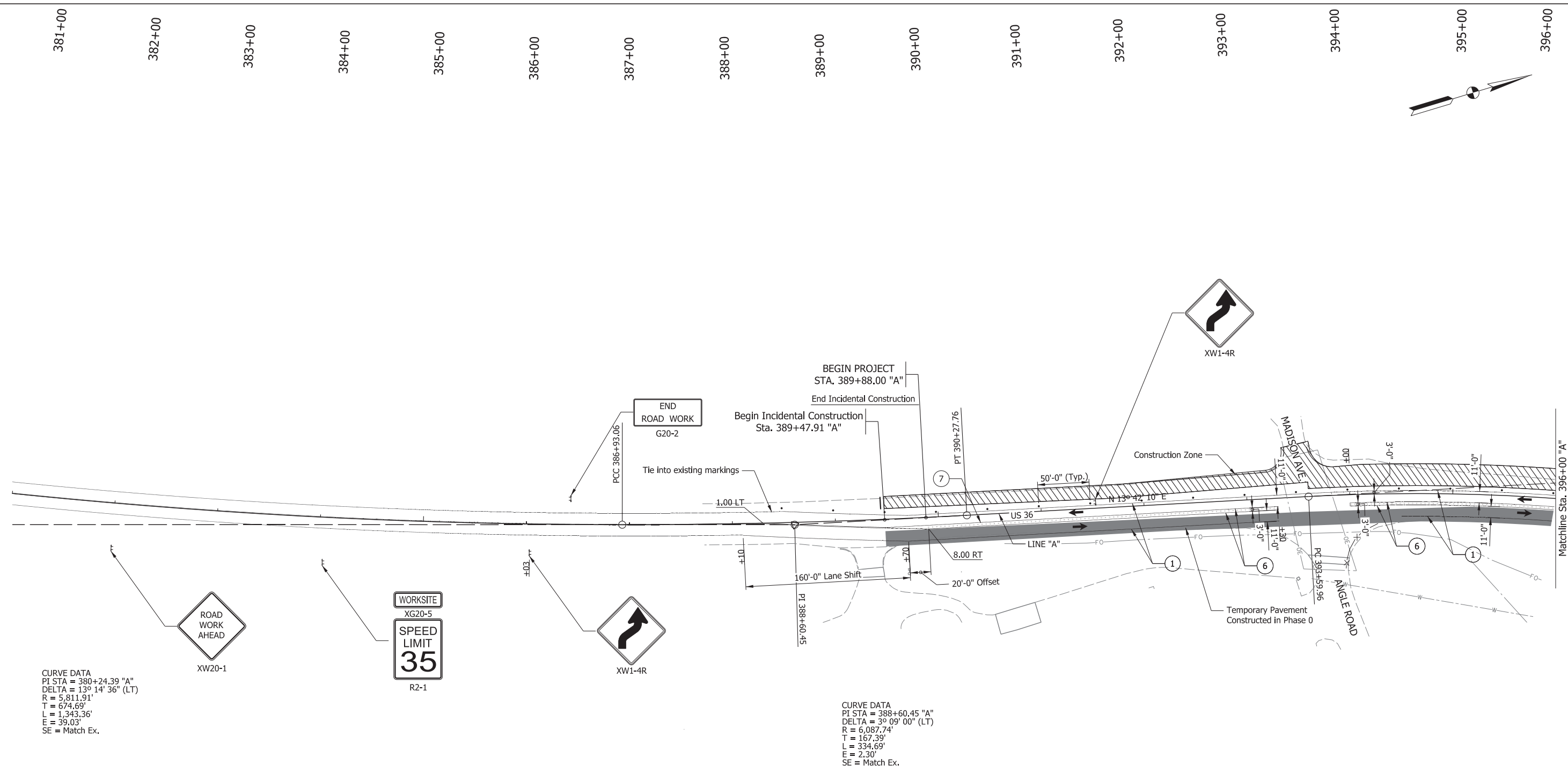
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Legend

- | | | | |
|--|---|--|---------------------------------------|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow | ▨ Construction Area |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⑩ Temporary Pavement Marking, Message, Only | ⊥ Construction Sign, Type A or Type B |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | Y Type III-A Barricade | ● Standard Drum |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | —X— Line, Remove | ➔ Direction of Traffic |
| | | | ○ 48" Traffic Cone |

Construction Zone Design Speed is 40 MPH

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

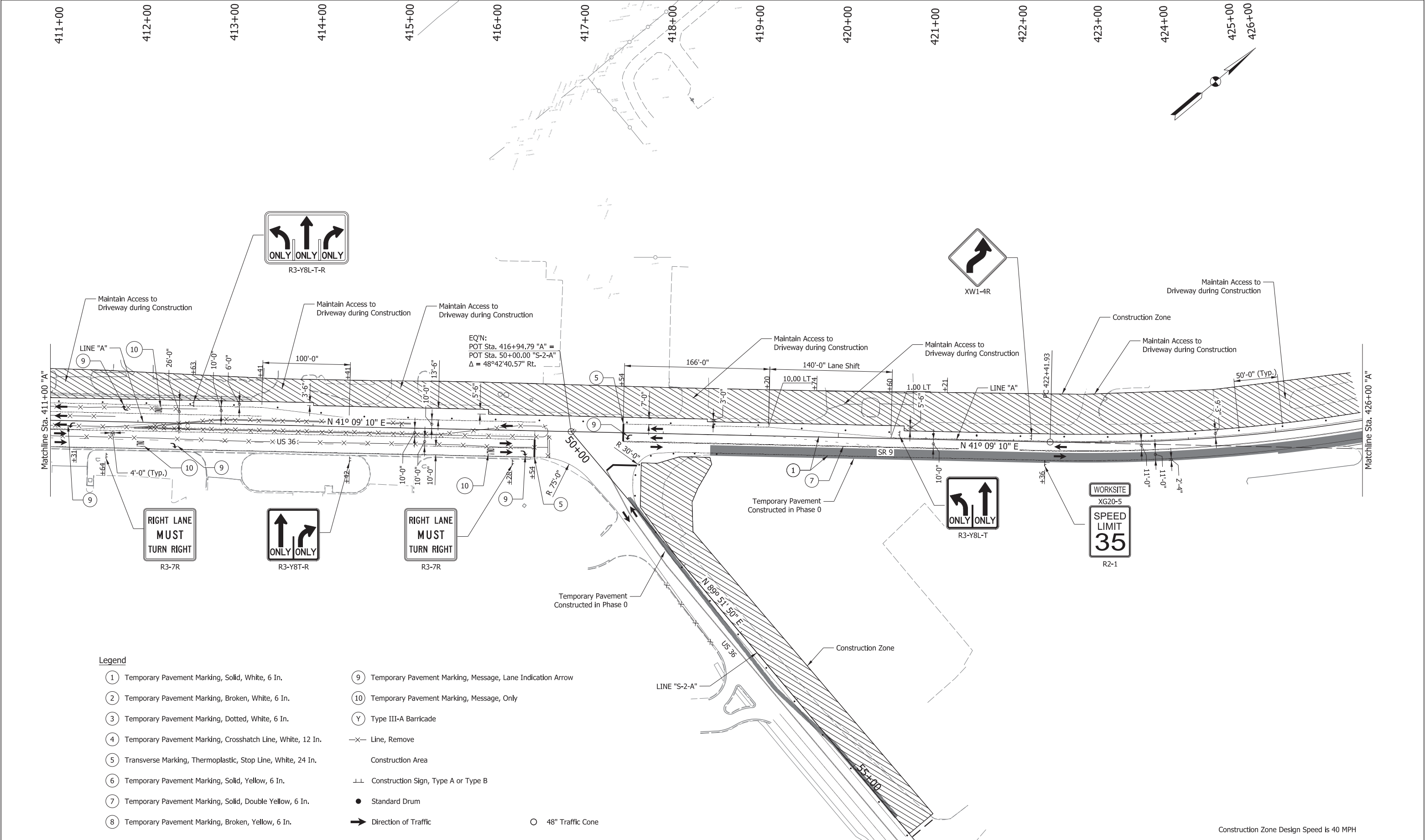
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DJL	DRAWN: DJL
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE I - US 36 - LINE "A"

SCALE 1" = 50'-0"		BRIDGE FILE	
		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		32	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.
- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove

Construction Area

⊥ Construction Sign, Type A or Type B

● Standard Drum

➔ Direction of Traffic

○ 48" Traffic Cone

Construction Zone Design Speed is 40 MPH



211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL _____

DESIGNED: IJL DRAWN: IJL

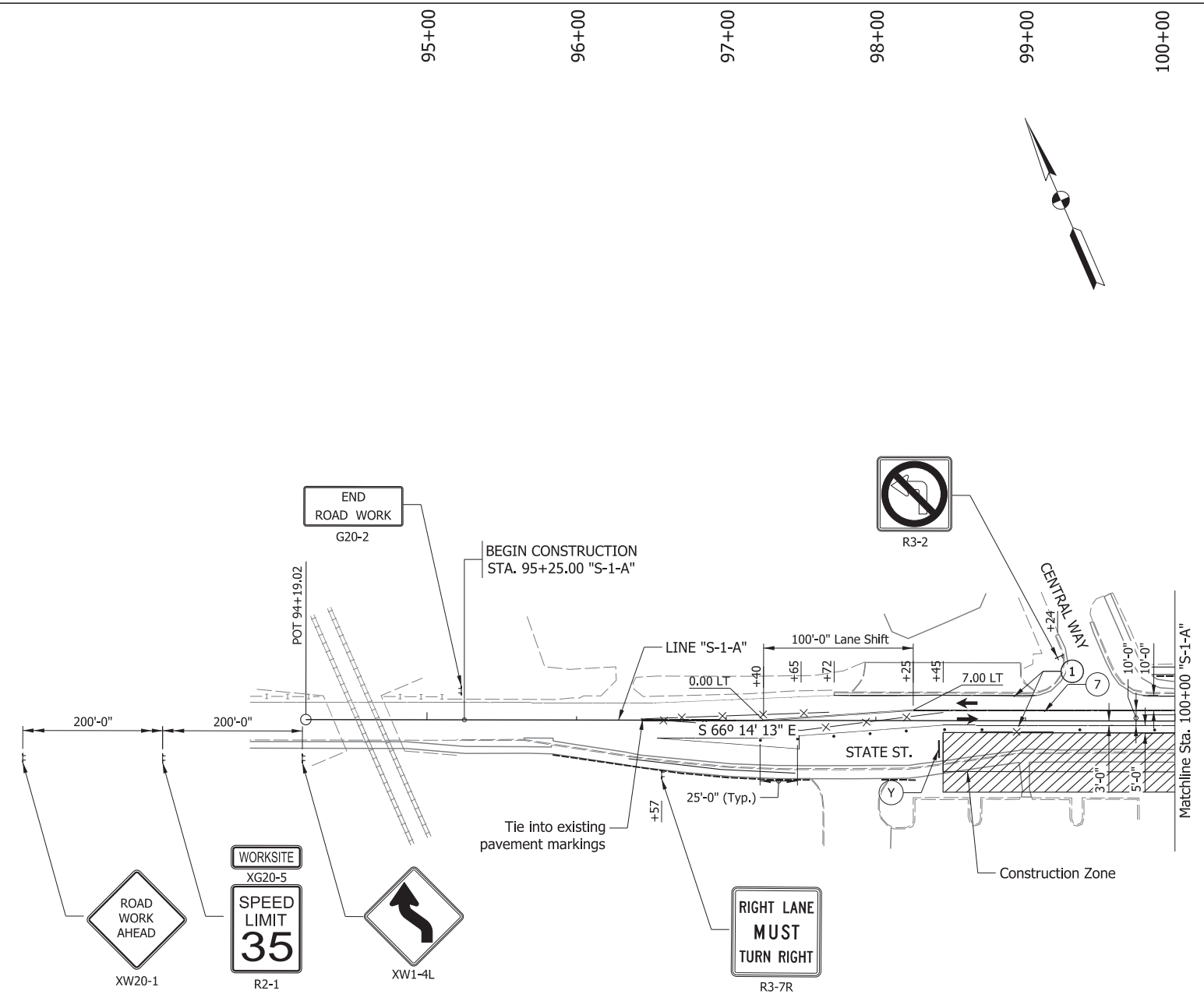
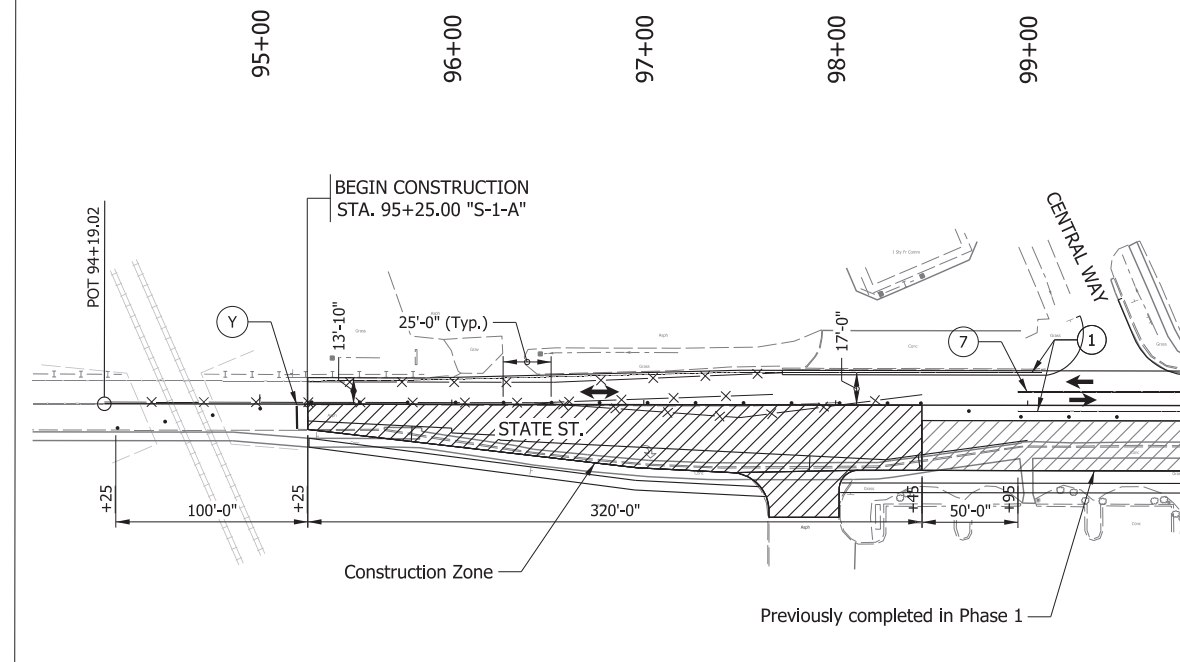
CHECKED: SMS CHECKED: MJV

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE I - US 36/SR 9 - LINE "A"

SCALE	BRIDGE FILE
1" = 50'-0"	
	DESIGNATION
	1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	34 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127

Phase Ia



- ① Temporary Pavement Marking, Solid, White, 6 In.
- ② Temporary Pavement Marking, Broken, White, 6 In.
- ③ Temporary Pavement Marking, Dotted, White, 6 In.
- ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
- ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.
- ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.
- ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

- ⑨ Temporary Pavement Marking, Message, Lane
- ⑩ Temporary Pavement Marking, Message, Only
- Y Type III-A Barricade
- X— Line, Remove

-  Construction Area
-  Construction Sign, Type A or Type B
-  Standard Drum
-  Direction of Traffic

- Standard Drum
 ➔ Direction of Traffic
 ○ 48" Traffic Cone

Construction Zone Design Speed is 40 MPH



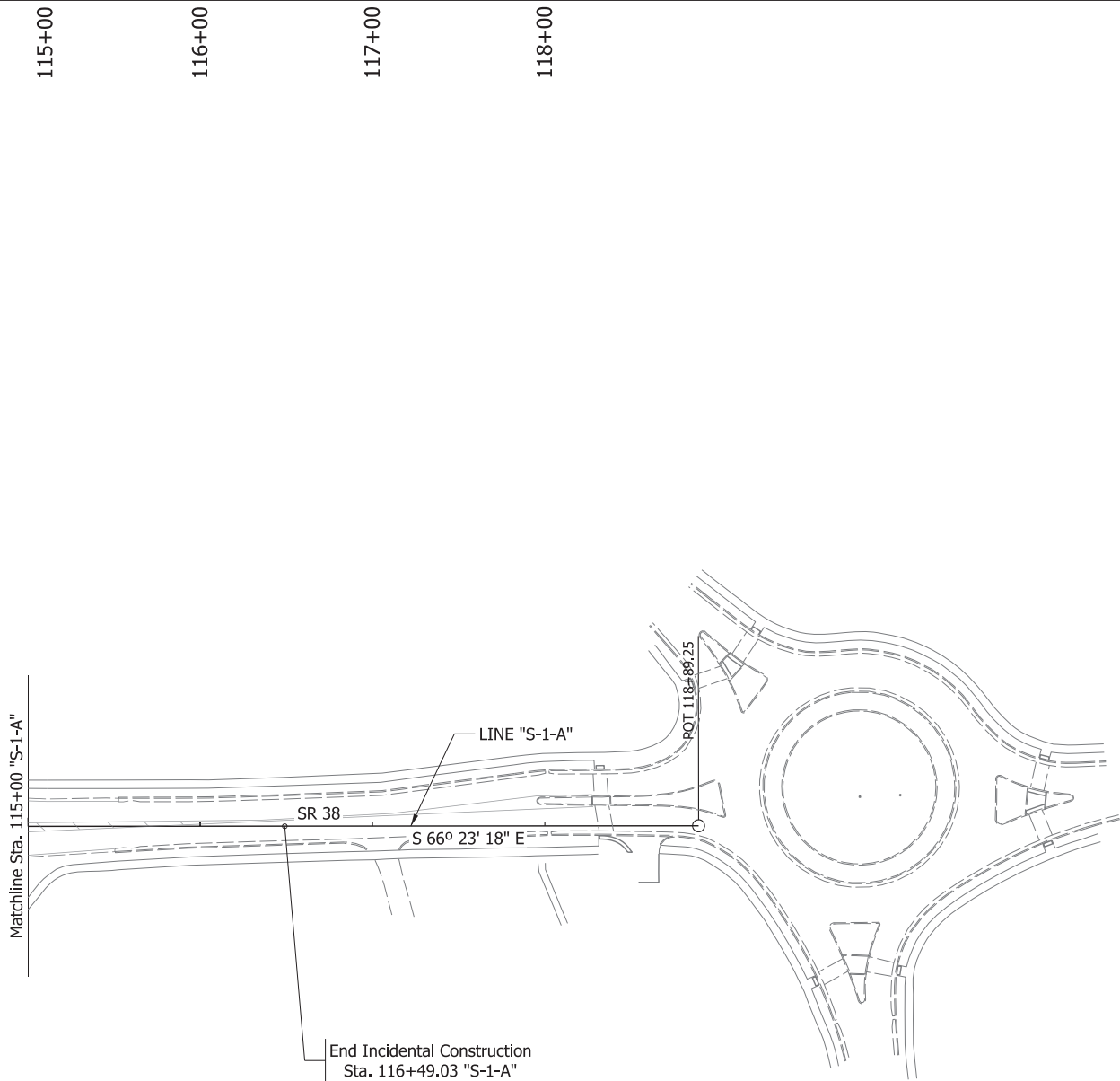
211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL		
	DESIGN ENGINEER	DATE
DESIGNED: JIL	DRAWN: JIL	
CHECKED: SMS	CHECKED: MJV	

MAINTENANCE OF TRAFFIC
PHASE I - STATE ST - LINE "S-1-A"

SCALE	BRIDGE FILE		
1" = 50'-0"			
	DESIGNATION		
	1702936, 1802854, 2001127		
SURVEY BOOK	SHEETS		
ELECTRONIC	37	of	243
CONTRACT	PROJECT		
R-41837	1702936, 1802854, 2001127		



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove
- Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

48" Traffic Cone

Construction Zone Design Speed is 40 MPH



211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

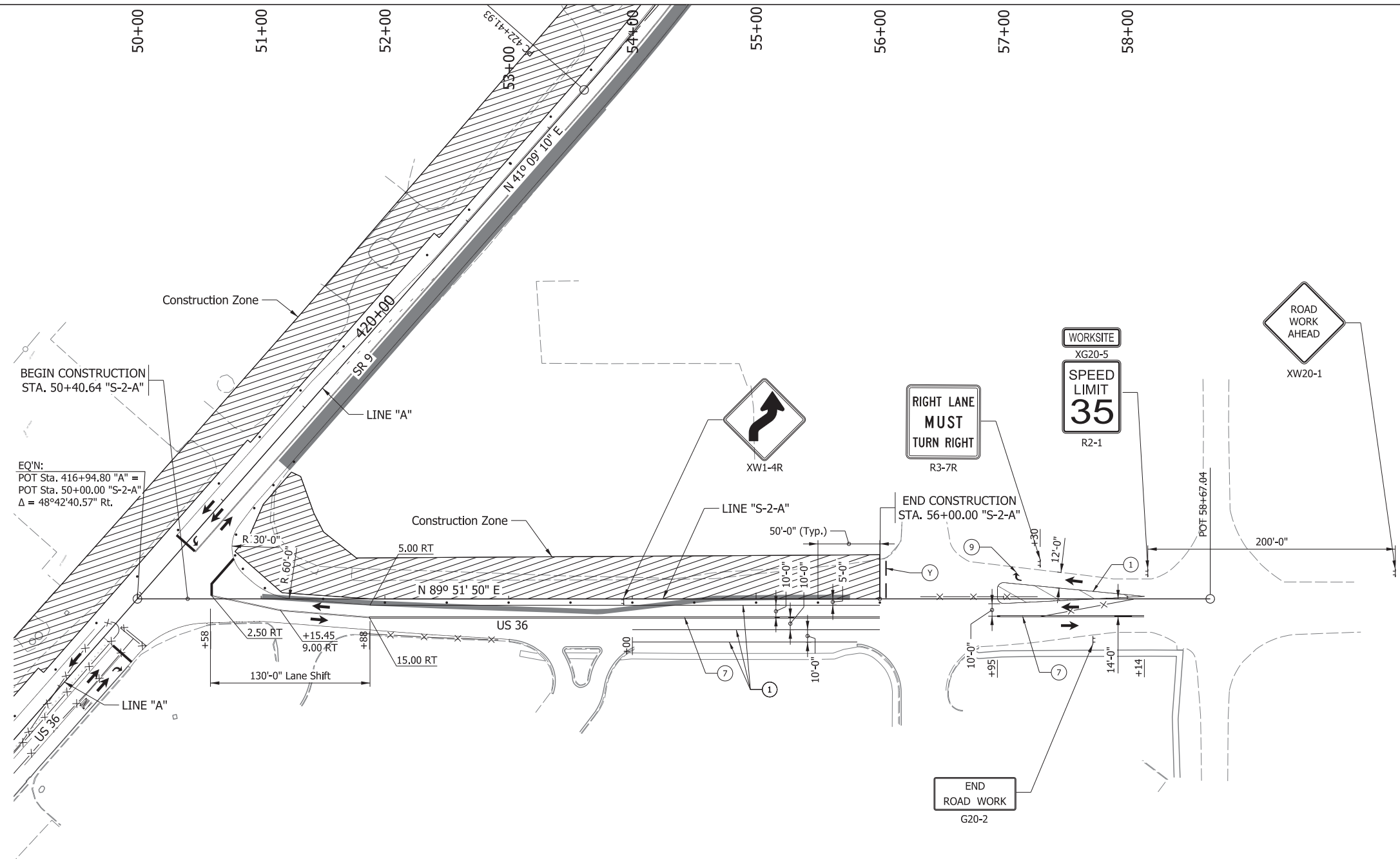
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DJL	DRAWN: DJL
CHECKED: SMS	CHECKED: MJV
DESIGN ENGINEER _____ DATE _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE I - SR 38 - LINE "S-1-A"

SCALE 1" = 50'-0"		BRIDGE FILE	
		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		39	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	



Legend

- | | | | |
|--|---|--|---------------------------------------|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow | ▨ Construction Area |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⑩ Temporary Pavement Marking, Message, Only | ⊥ Construction Sign, Type A or Type B |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | Y Type III-A Barricade | ● Standard Drum |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | —X— Line, Remove | ➔ Direction of Traffic |
| | | | ○ 48" Traffic Cone |

Construction Zone Design Speed is 40 MPH



211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

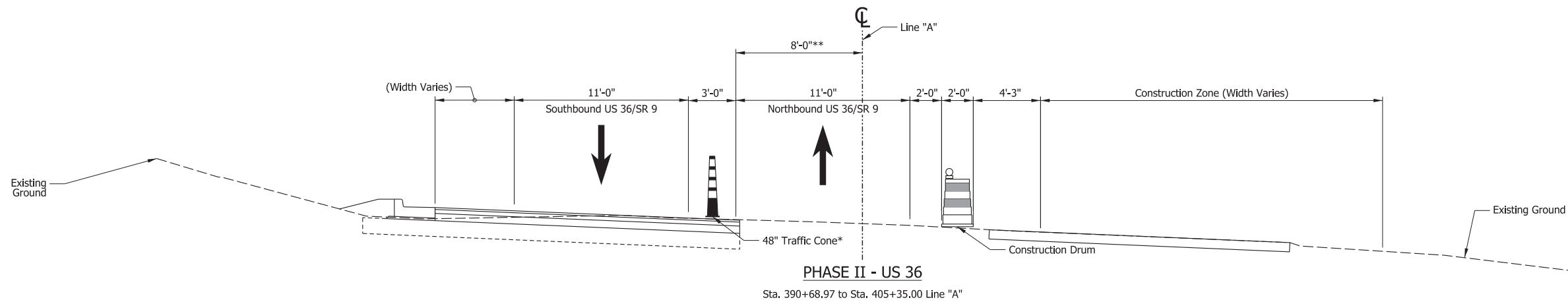
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: DJL	DRAWN: DJL
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

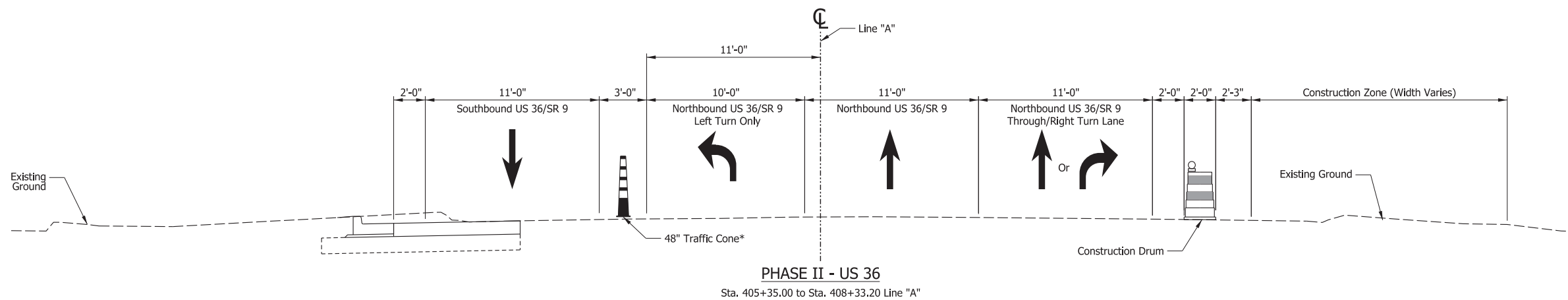
MAINTENANCE OF TRAFFIC
PHASE I - US 36 - LINE "S-2-A"

SCALE 1" = 50'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	40	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



*48" Traffic Cones present from
Sta. 394+00.00 to Sta. 398+64.00
Sta. 403+10.00 to Sta. 407+50.00
Sta. 408+75.00 to Sta. 417+30.00

**8'-0" from Sta. 394+00.00 to Sta. 399+64.00
15'-0" from Sta. 399+64.00 to Sta. 405+35.00

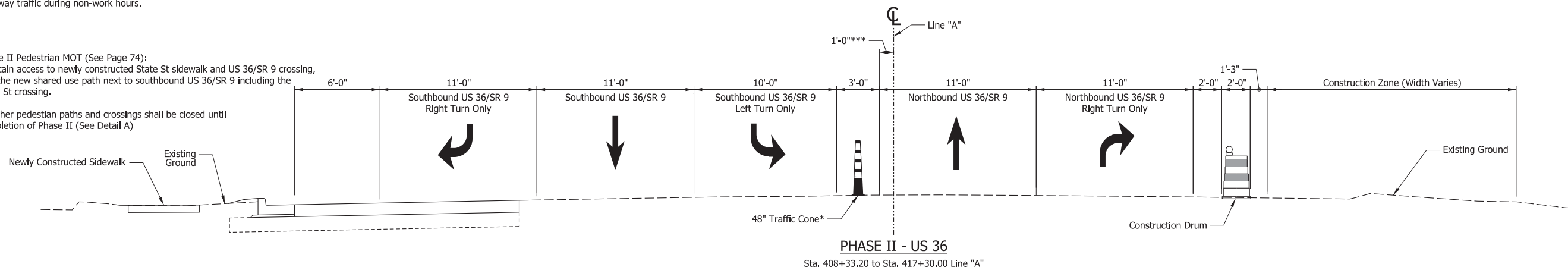


Phase II:
Widen roadway, construct pedestrian facilities, and install lighting on the opposite half of each road.
Construct Center Curb on State St.
Maintain one lane of traffic in each direction and some turn lanes at intersections.

Phase IIa:
Construct Phase IIa after completion of Phase II, to minimize disruptions to two way traffic on State St.
Maintain one lane two way operation using flaggers during construction. Fill with temporary pavement and open to two-way traffic during non-work hours.

Phase II Pedestrian MOT (See Page 74):
Maintain access to newly constructed State St sidewalk and US 36/SR 9 crossing,
and the new shared use path next to southbound US 36/SR 9 including the
State St crossing.

All other pedestian paths and crossings shall be closed until
completion of Phase II (See Detail A)



***1'-0" from Sta. 408+33.20 to Sta. 412+31.00
4'-0" from Sta. 412+31.00 to Sta. 417+30.00

Construction Zone Design Speed is 40 mph

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJL

DRAWN: DJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE II

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

41

of

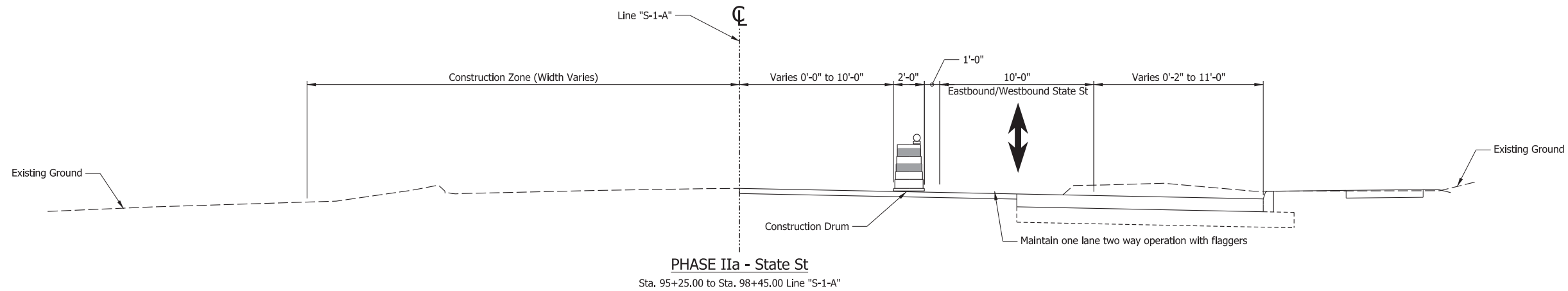
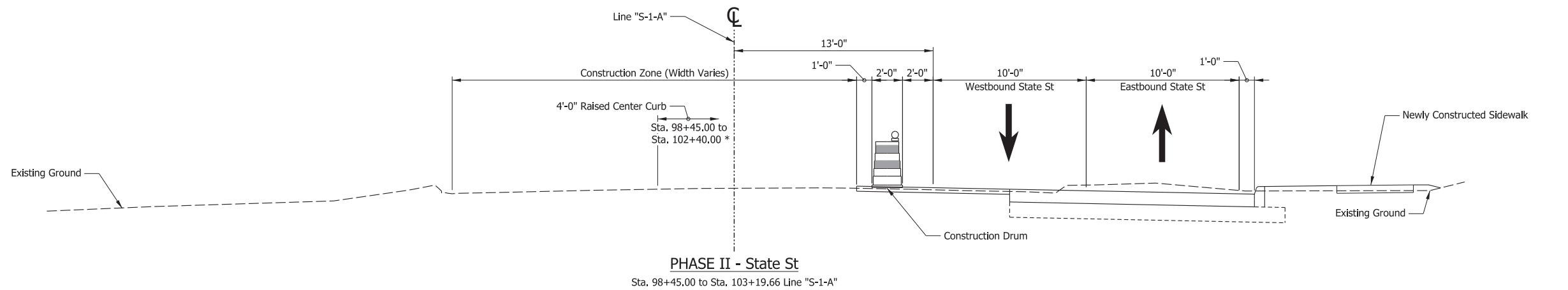
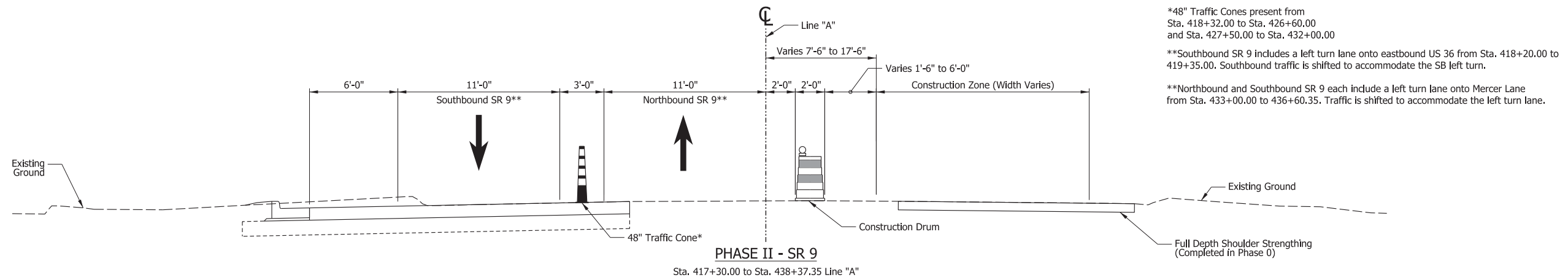
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Construction Zone Design Speed is 40 mph

**CDM
Smith**

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

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FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJL

DRAWN: DJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE II

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

42

of

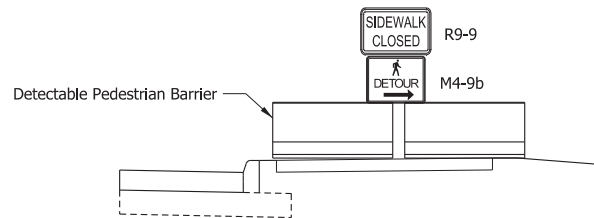
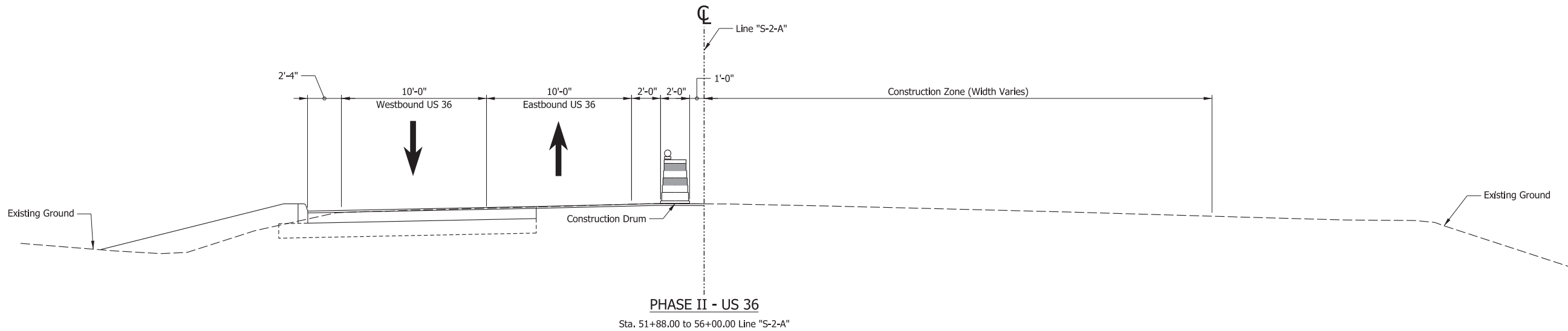
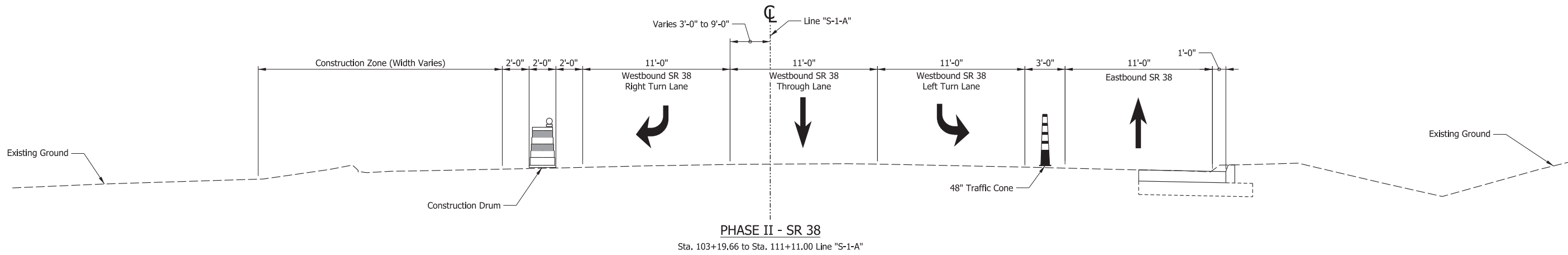
243

CONTRACT

PROJECT

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DETAIL A - SIDEWALK CLOSURE

Construction Zone Design Speed is 40 mph

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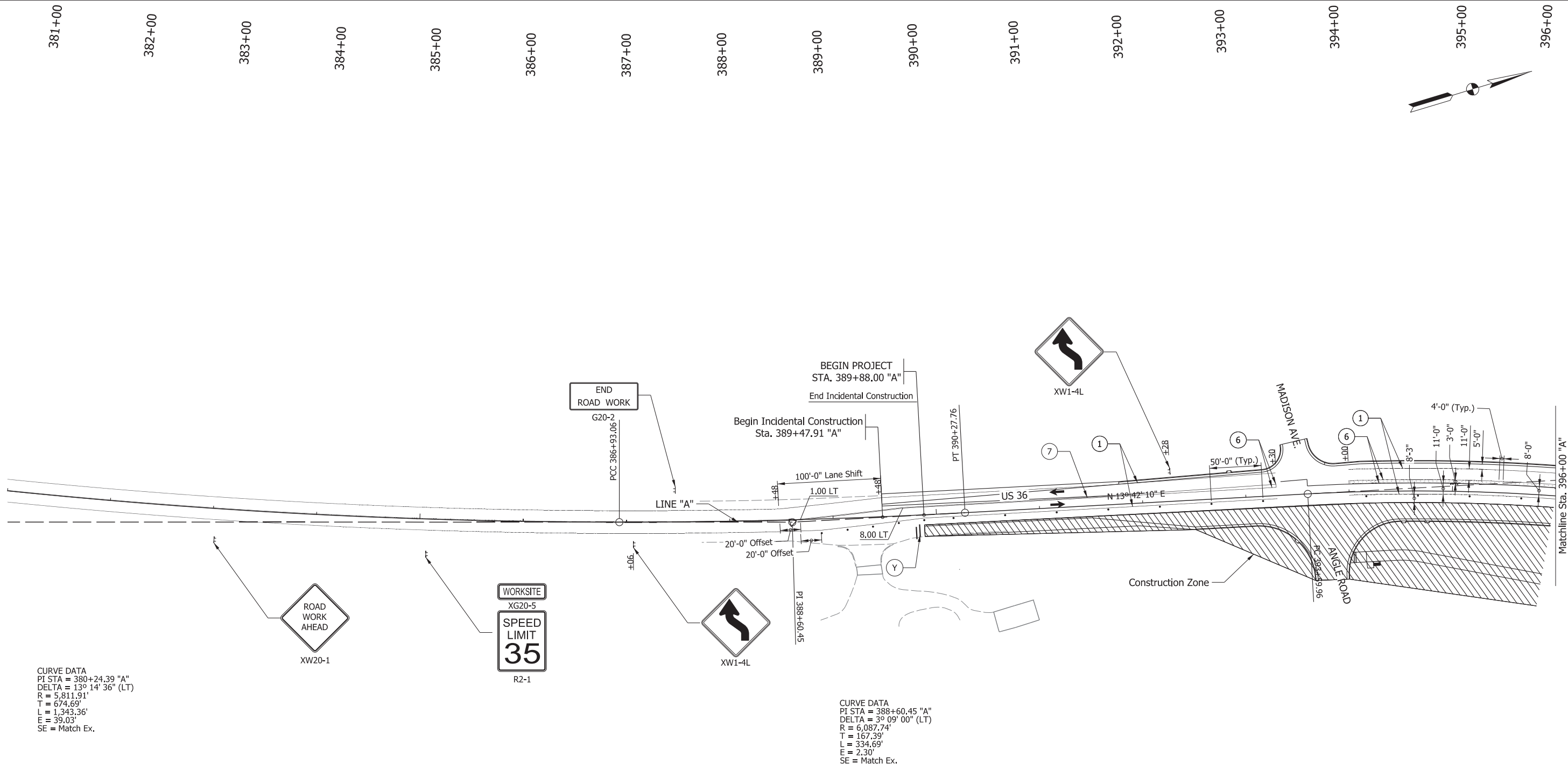
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: <u>IJL</u>	DRAWN: <u>IJL</u>
CHECKED: <u>SMS</u>	CHECKED: <u>MJV</u>

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE II

SCALE 1/4" = 1'-0"		BRIDGE FILE	
		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		43	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	



CURVE DATA
PI STA = 380+24.39 "A"
DELTA = 13° 14' 36" (LT)
R = 5,811.91'
T = 674.69'
L = 1,343.36'
E = 39.03'
SE = Match Ex.

CURVE DATA
PI STA = 388+60.45 "A"
DELTA = 3° 09' 00" (LT)
R = 6,087.74'
T = 167.39'
L = 334.69'
E = 2.30'
SE = Match Ex.

Legend

- | | | | |
|--|---|--|-------------------------------------|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow | Construction Area |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⑩ Temporary Pavement Marking, Message, Only | Construction Sign, Type A or Type B |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | Y Type III-A Barricade | Standard Drum |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | —X— Line, Remove | Direction of Traffic |

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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE II - US 36 - LINE "A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

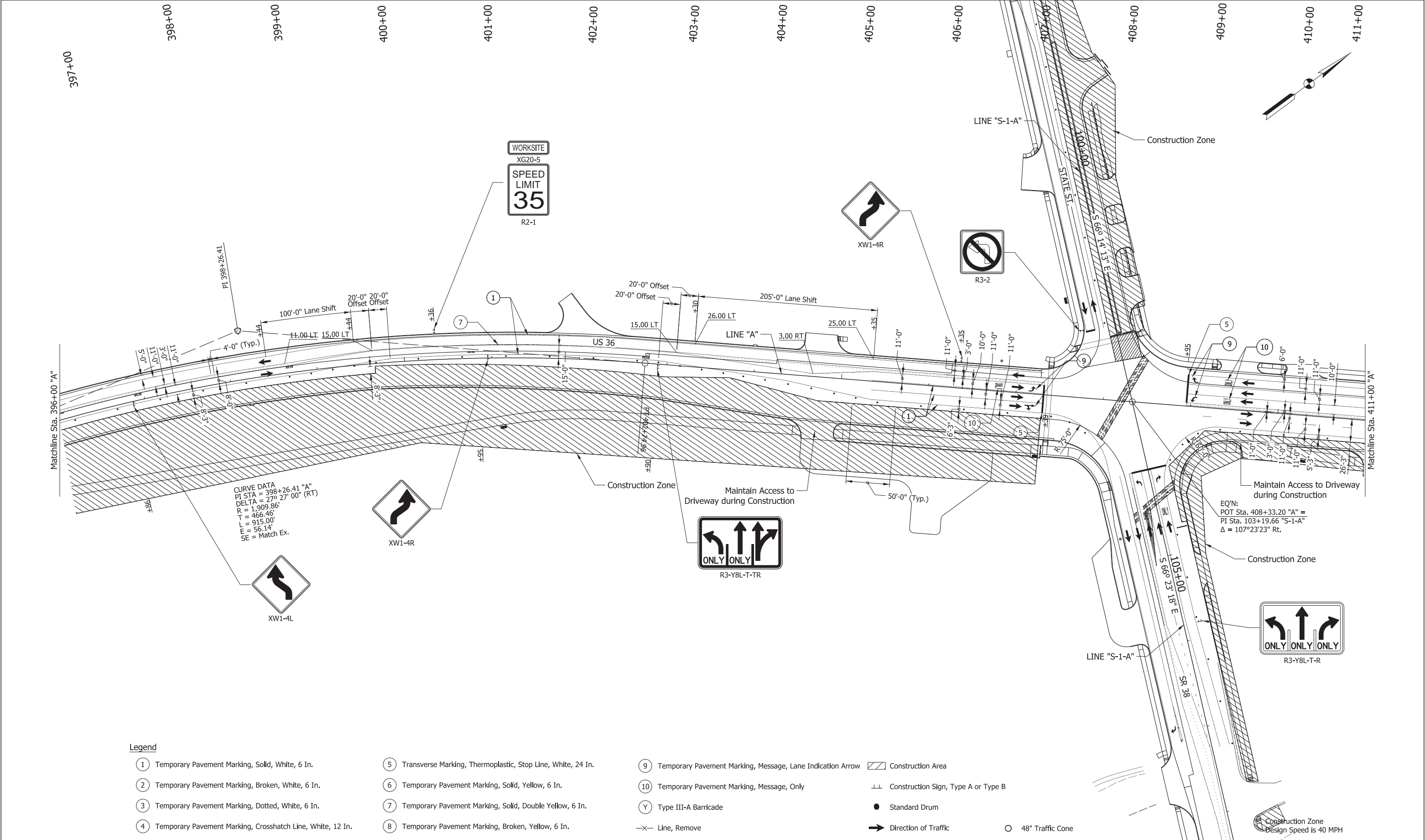
44 of 243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove
- Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

48" Traffic Cone

CDM
Smith

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL

DESIGNED: IJL

CHECKED: SMS

DESIGN ENGINEER

DRAWN: IJL

CHECKED: MJV

DATE

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE II - US 36 - LINE "A"

SCALE
1" = 50'-0"

BRIDGE FILE

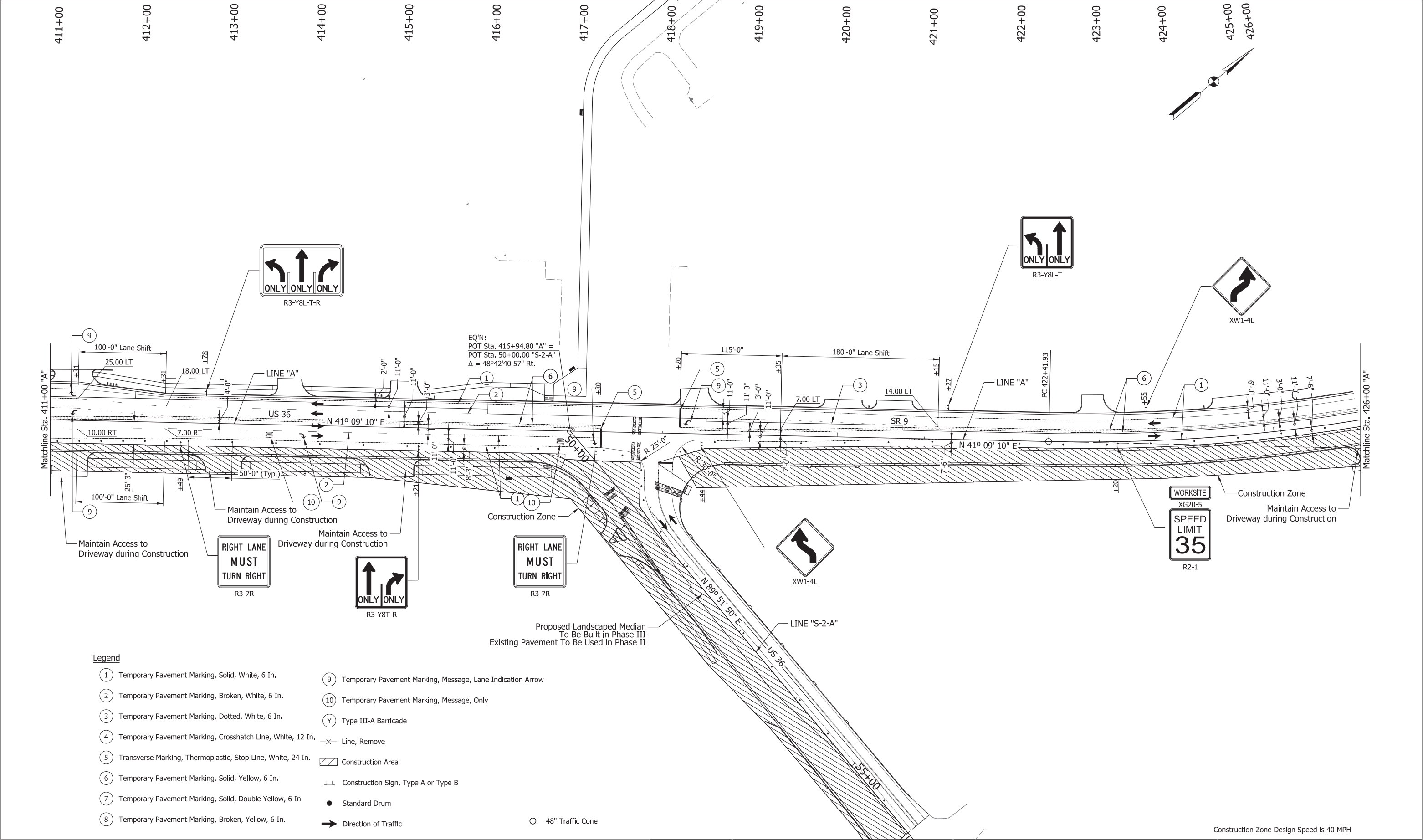
DESIGNATION
1702936, 1802854, 2001127

SURVEY BOOK
ELECTRONIC
CONTRACT
R-41837

SHEETS
45 of 243
PROJECT
1702936, 1802854, 2001127

pw:\\cdmsmith-az02-pw.bentley.com:pw_pt1\Documents\118931\249691\10 Transportation\02 Engineering Services NM_30pct\01 Roadway Design\10 CADD\02 Details\Sht MOT_PhII_A_50_02.dgn

B-53



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.
- ② Temporary Pavement Marking, Broken, White, 6 In.
- ③ Temporary Pavement Marking, Dotted, White, 6 In.
- ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.
- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
- ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.
- ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.
- ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.
- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow
- ⑩ Temporary Pavement Marking, Message, Only
- Y Type III-A Barricade
- Line, Remove
- ▨ Construction Area
- Construction Sign, Type A or Type B
- Standard Drum
- 48" Traffic Cone

Construction Zone Design Speed is 40 MPH

**CDM
Smith**

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE II - US 36/SR 9 - LINE "A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

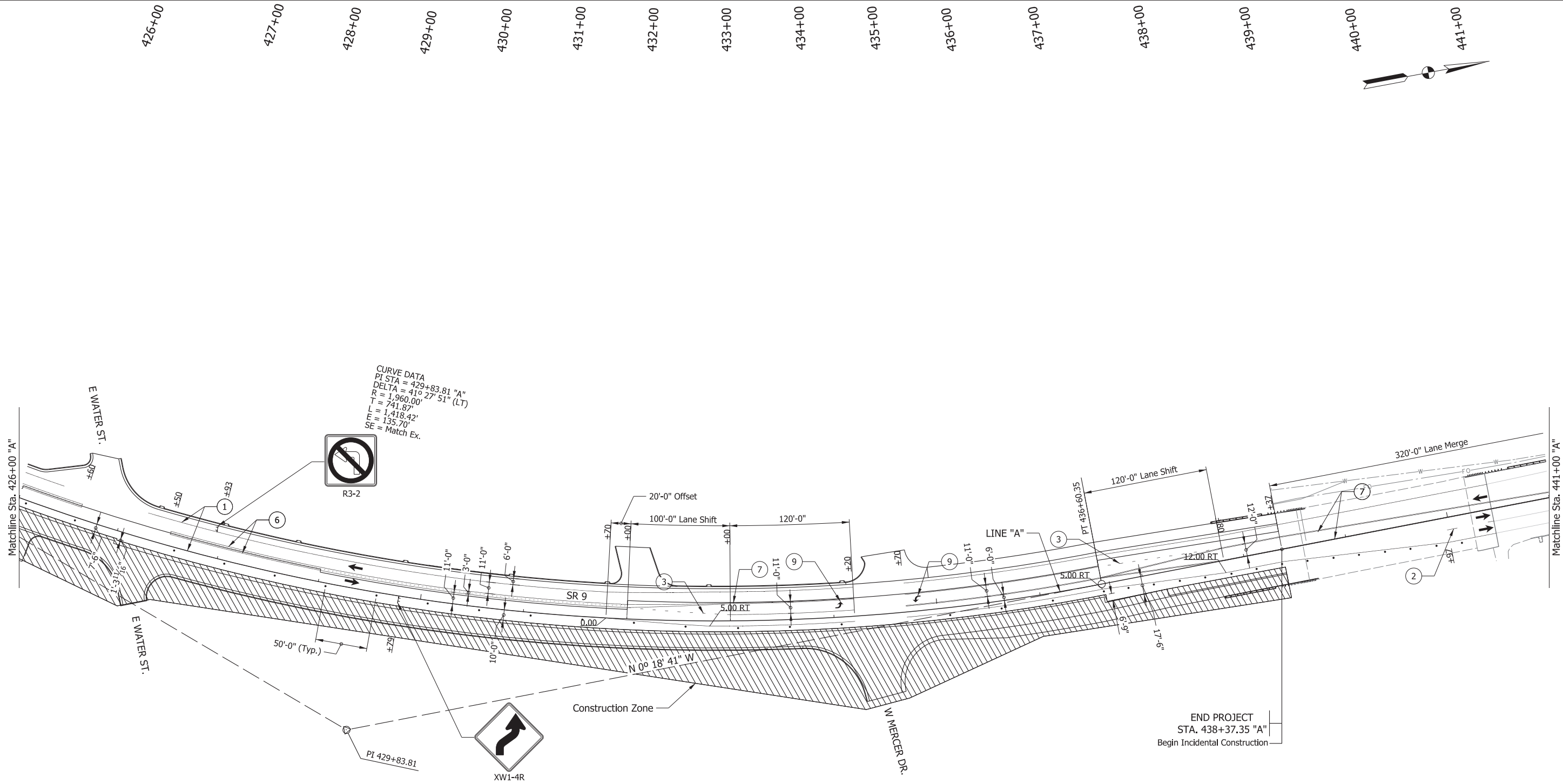
R-41837

SHEETS

46 of 243

PROJECT

1702936, 1802854, 2001127



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove
- Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

Construction Zone Design Speed is 40 MPH

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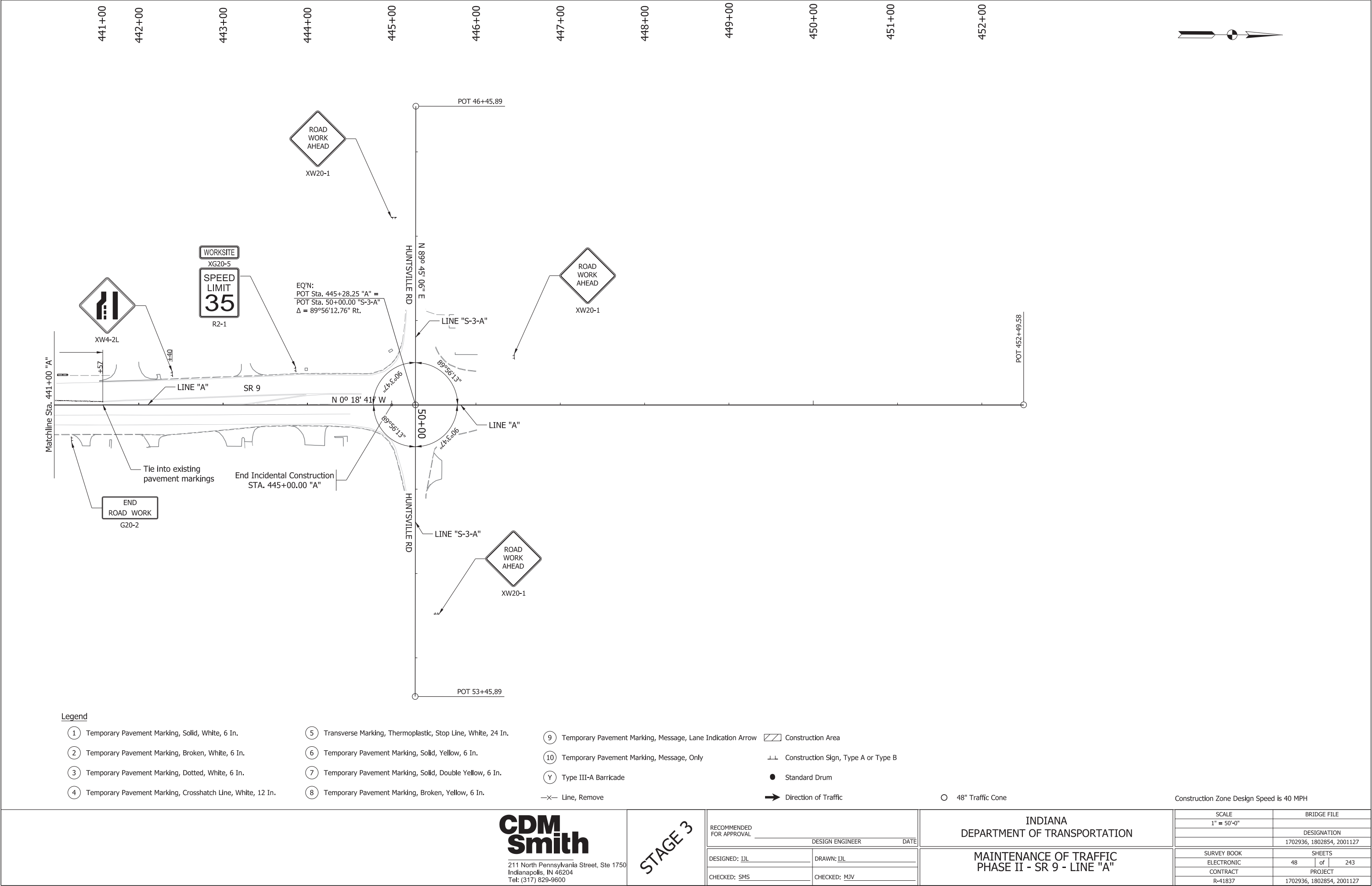
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: IJL	DRAWN: IJL
CHECKED: SMS	CHECKED: MJV

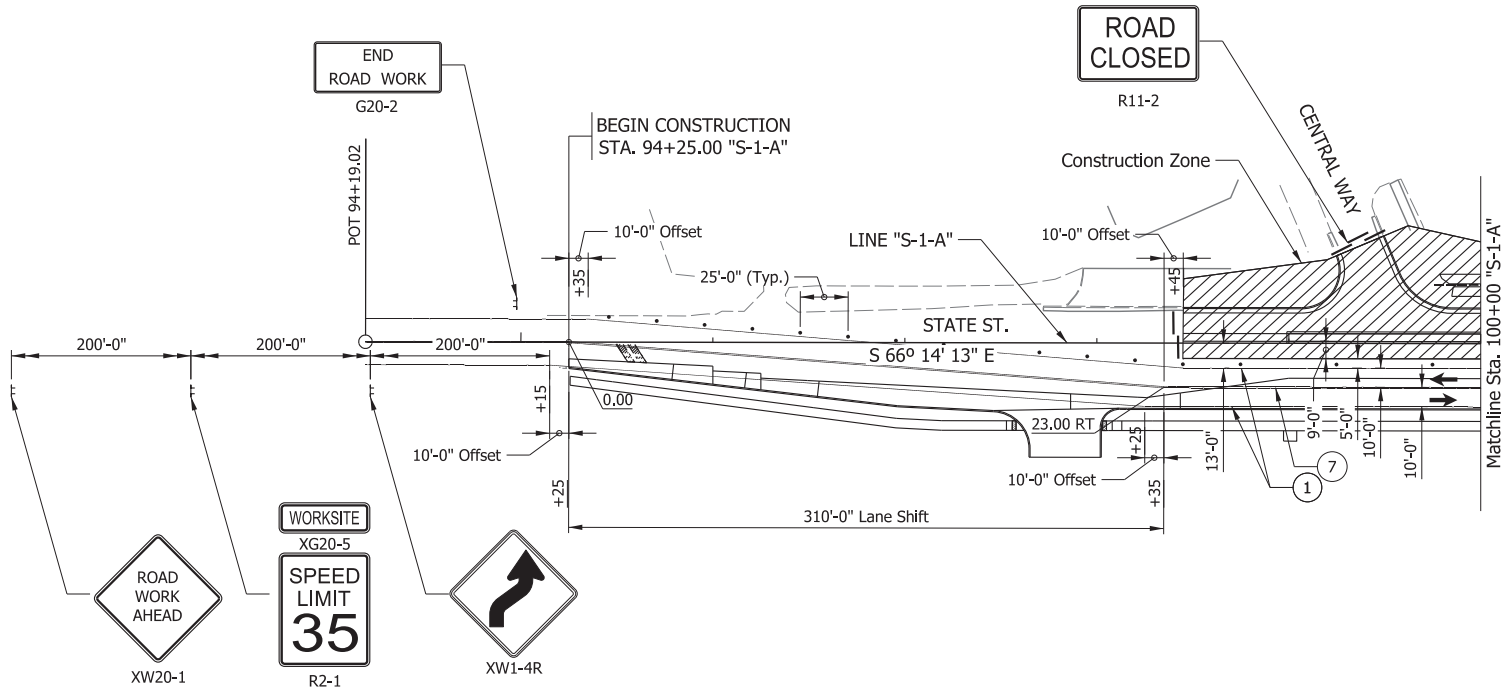
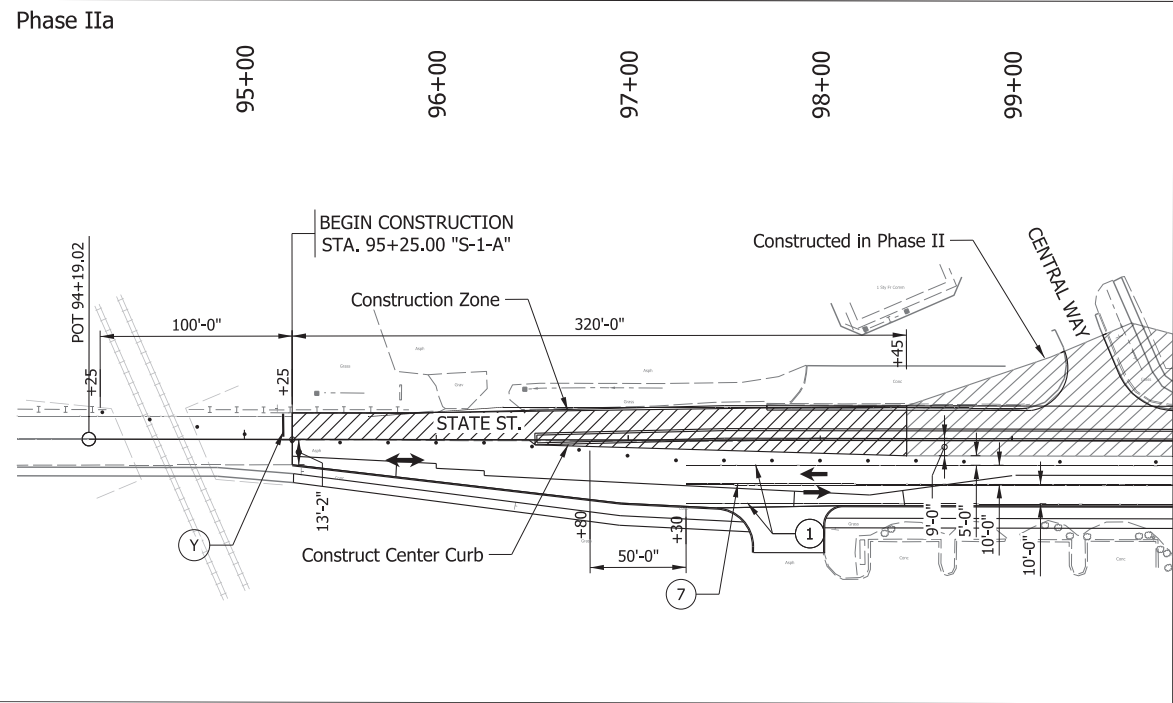
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE II - SR 9 - LINE "A"

SCALE 1" = 50'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	47	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



Sequence of Operations:
Construct Phase IIa after completion of Phase II, to minimize disruptions to two way traffic on State St.
Maintain one lane two way operation using flaggers during construction. Fill with temporary pavement,
aggregate, or as approved by the engineer and open to two-way traffic during non-work hours.



Legend

- | | | | |
|--|---|--|---------------------------------------|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow | ▨ Construction Area |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⑩ Temporary Pavement Marking, Message, Only | ⊥ Construction Sign, Type A or Type B |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | Y Type III-A Barricade | ● Standard Drum |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | —X— Line, Remove | ➔ Direction of Traffic |
| | | | ○ 48" Traffic Cone |

Construction Zone Design Speed is 40 MPH

**CDM
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Indianapolis, IN 46204
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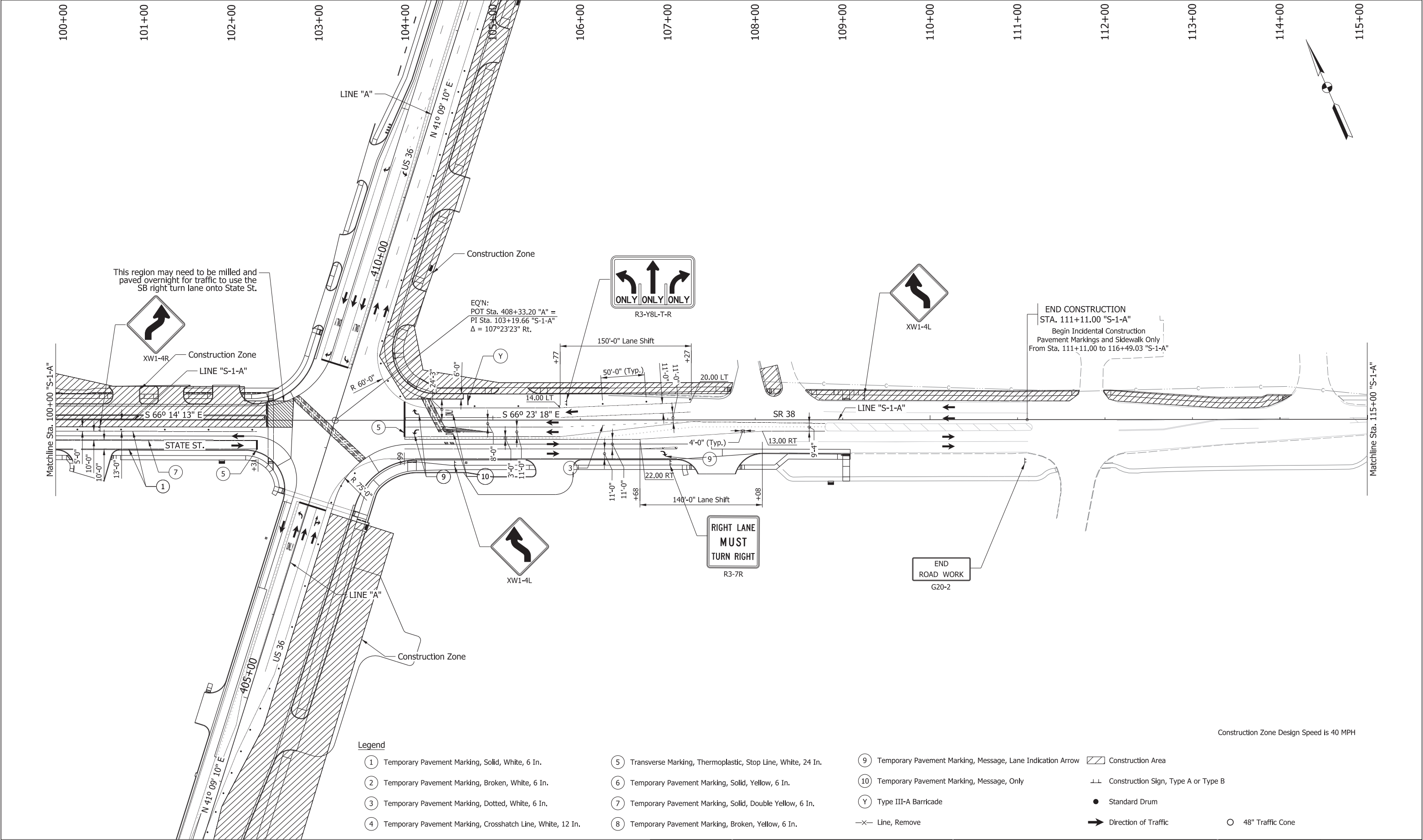
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DJL	DRAWN: DJL
CHECKED: SMS	CHECKED: MJV
DESIGN ENGINEER _____ DATE _____	

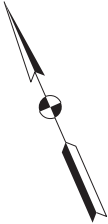
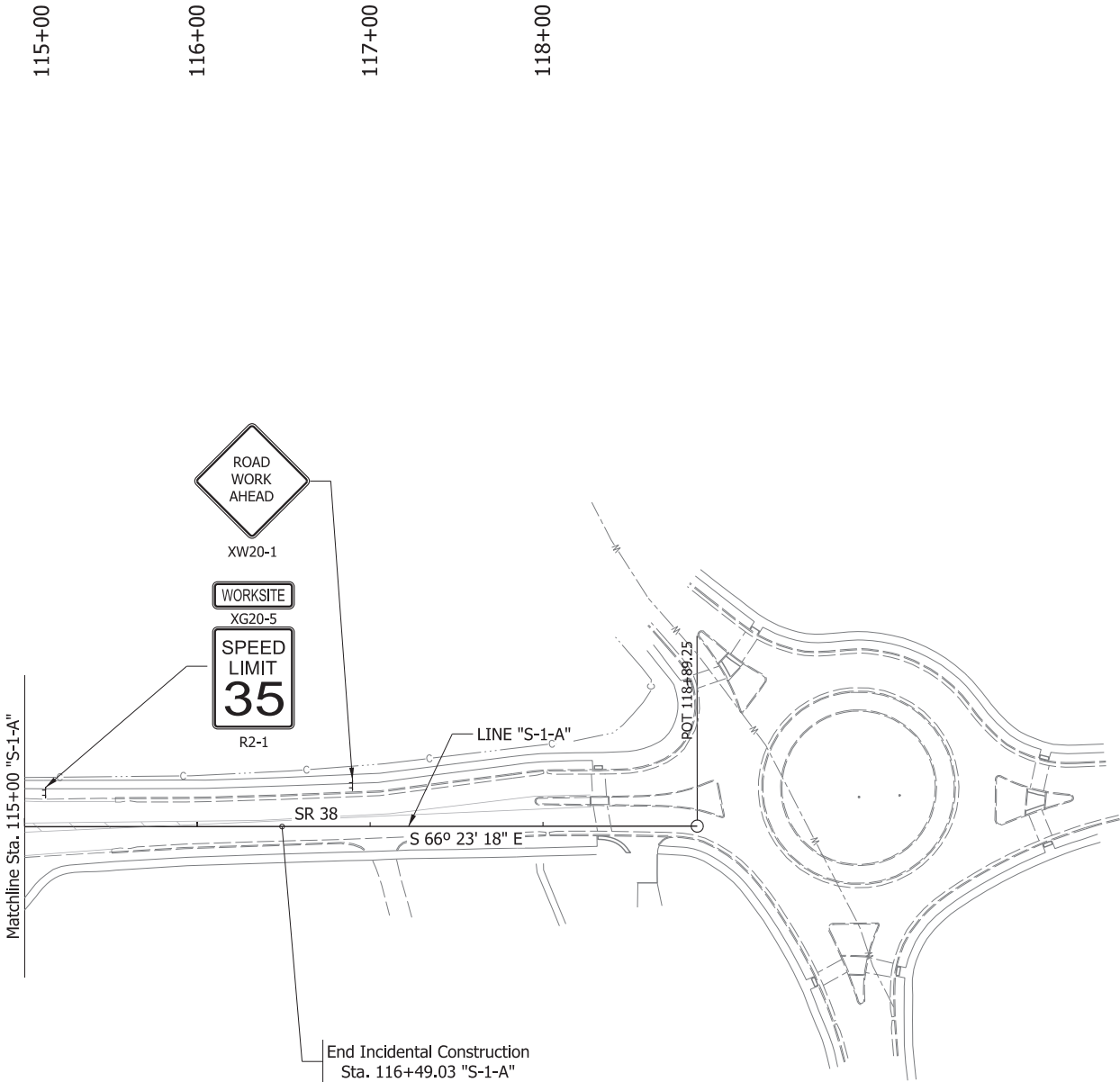
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE II - STATE ST - LINE "S-1-A"

SCALE 1" = 50'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	49	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 50'-0"	BRIDGE FILE
		DESIGNED: DJL CHECKED: SMS		DRAWN: DJL CHECKED: MJV		DESIGNATION 1702936, 1802854, 2001127	
				MAINTENANCE OF TRAFFIC PHASE II - STATE ST/SR 38 - LINE "S-1-A"		SURVEY BOOK	SHEETS
						ELECTRONIC CONTRACT R-41837	50 of 243 PROJECT 1702936, 1802854, 2001127



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove
- Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

48" Traffic Cone

Construction Zone Design Speed is 40 MPH

CDM
Smith

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE II - SR 38 - LINE "S-1-A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

51

of

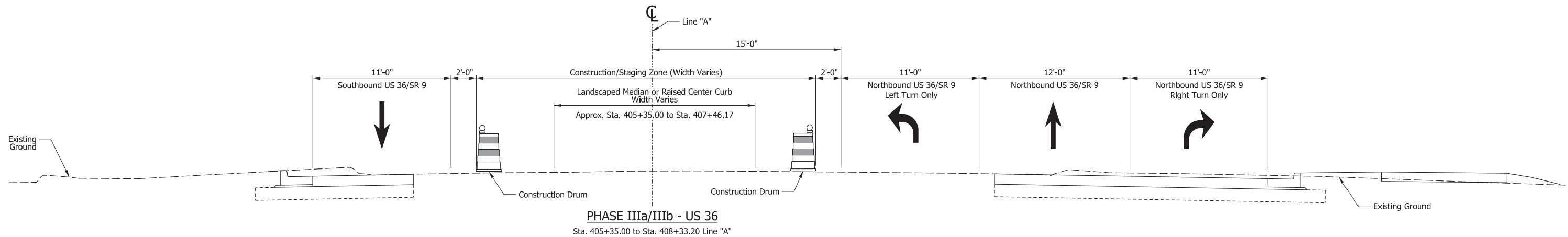
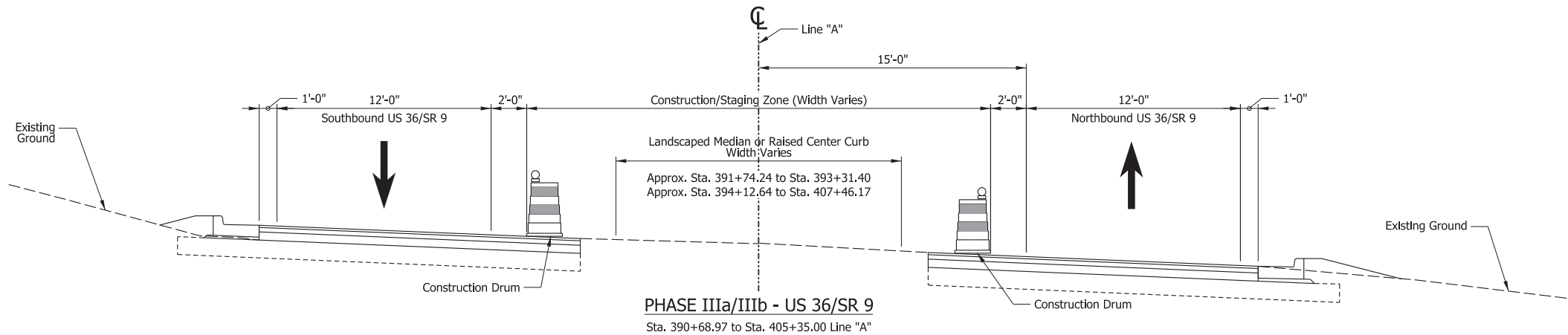
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127

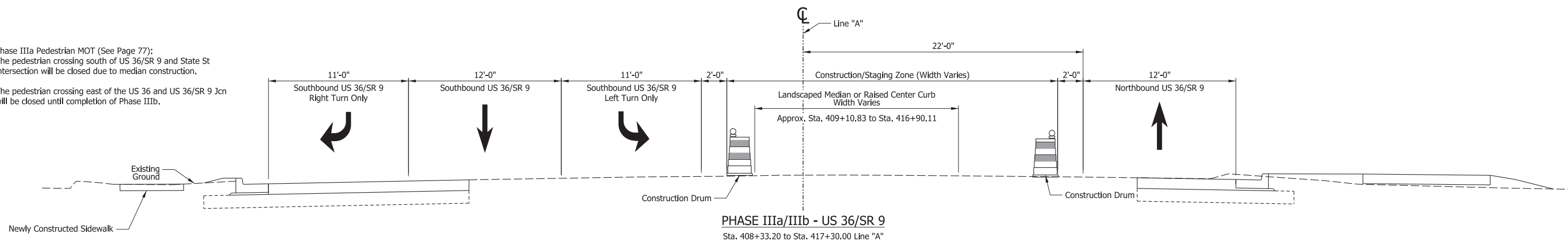


Phase IIIa:
Construct Medians on US 36/SR 9 south of the State St Intersection, and the State St Median east of the US 36/SR 9 intersection.

Maintain one lane of traffic minimum in each direction and some turn lanes at intersections.

Phase IIIa Pedestrian MOT (See Page 77):
The pedestrian crossing south of US 36/SR 9 and State St intersection will be closed due to median construction.

The pedestrian crossing east of the US 36 and US 36/SR 9 Jcn will be closed until completion of Phase IIIb.



Construction Zone Design Speed is 40 mph

**CDM
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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE IIIa/IIIb

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

53

of

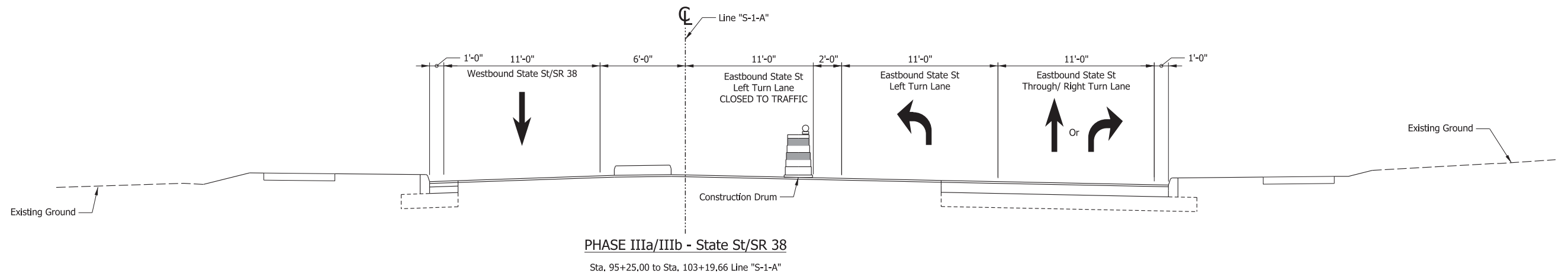
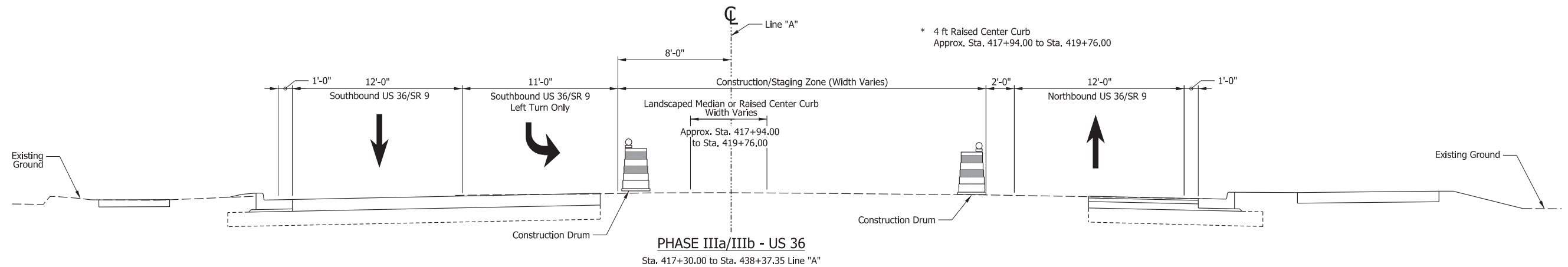
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



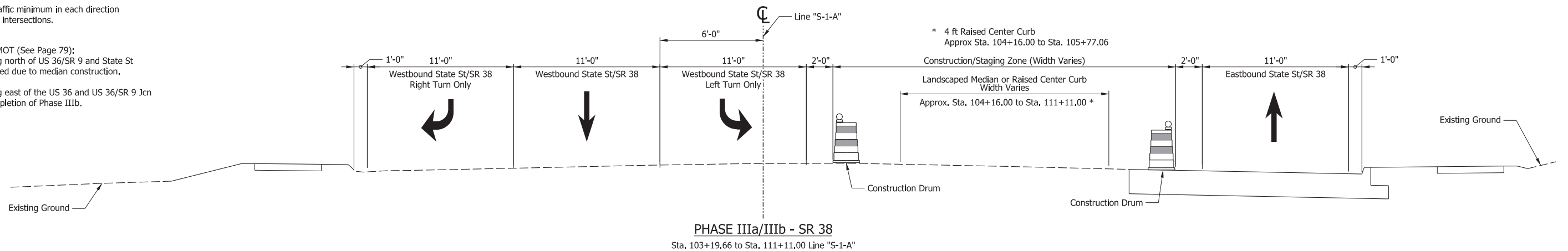
Phase IIIb:
Maintain the same pavement markings from Phase IIIa,
and complete median construction on US 36/SR 9 East
of the State St intersection, and on the US 36 east leg.

Left turns on westbound US 36 to south US 36/SR 9 will
be maintained by constructing the crosswalk island and
landscaped median in sequence.

Maintain one lane of traffic minimum in each direction
and some turn lanes at intersections.

Phase IIIb Pedestrian MOT (See Page 79):
The pedestrian crossing north of US 36/SR 9 and State St
intersection will be closed due to median construction.

The pedestrian crossing east of the US 36 and US 36/SR 9 Jcn
will be closed until completion of Phase IIIb.



Construction Zone Design Speed is 40 mph

**CDM
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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJL

DRAWN: DJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE IIIa/IIIb

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

54

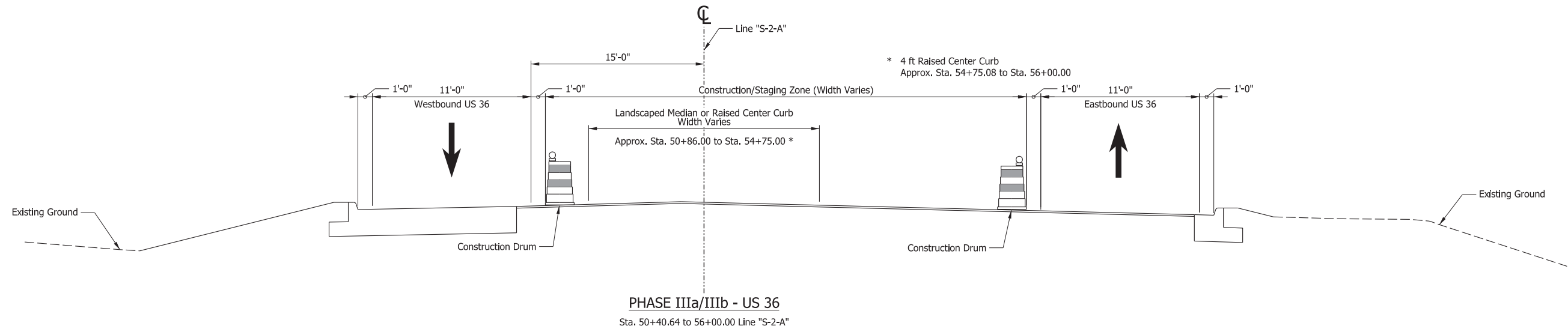
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CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Construction Zone Design Speed is 40 mph

**CDM
Smith**

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Indianapolis, IN 46204
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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MOT TYPICAL SECTIONS
PHASE IIIa/IIIb

SCALE

1/4" = 1'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

55

of

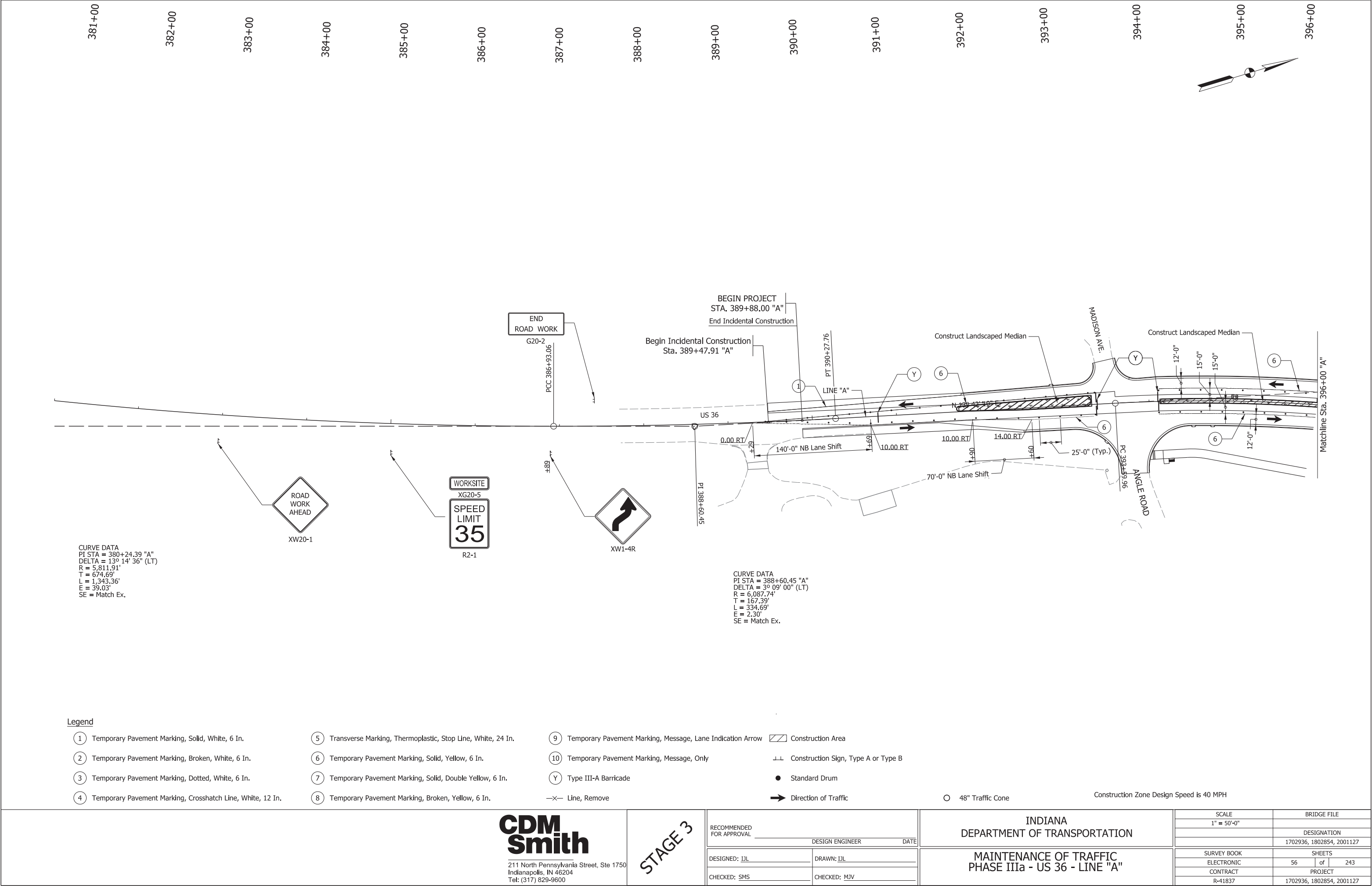
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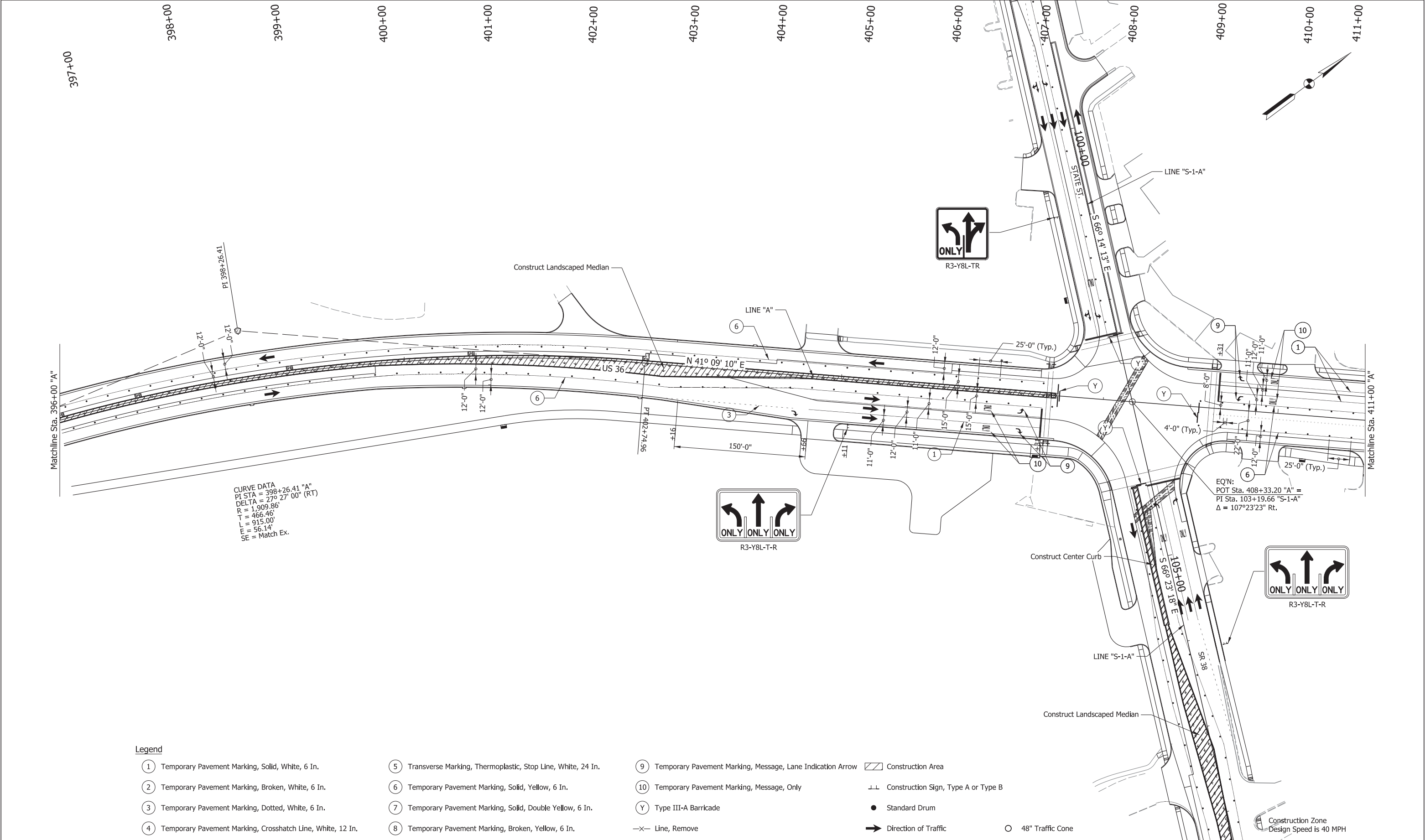
CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127





Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.
- ② Temporary Pavement Marking, Broken, White, 6 In.
- ③ Temporary Pavement Marking, Dotted, White, 6 In.
- ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
- ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.
- ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.
- ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow
- ⑩ Temporary Pavement Marking, Message, Only
- Y Type III-A Barricade
- X— Line, Remove

- Construction Area
- Construction Sign, Type A or Type B
- Standard Drum
- Direction of Traffic
- 48" Traffic Cone

Construction Zone
Design Speed is 40 MPH

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

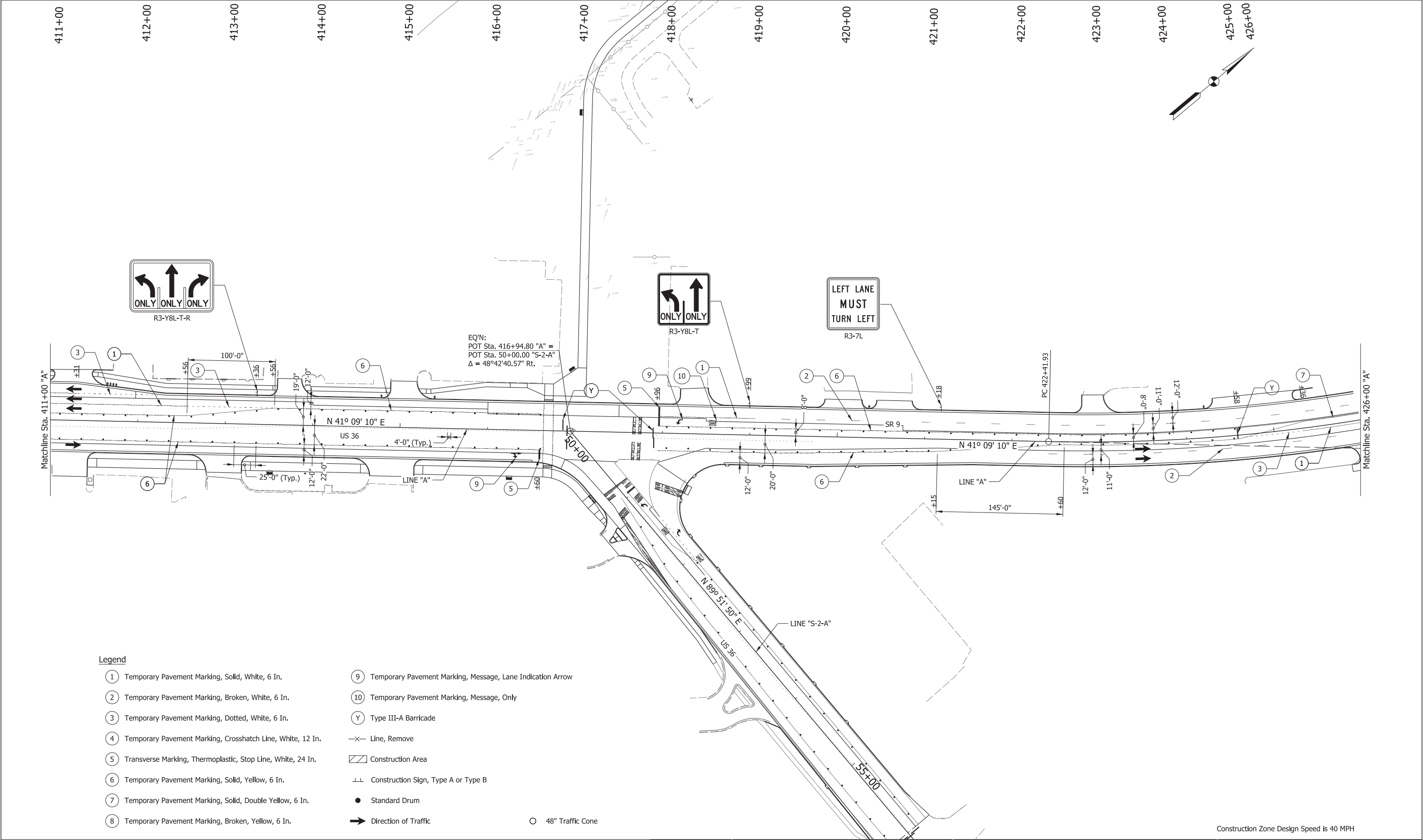
STAGE 3

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: DJL		DRAWN: DJL			
CHECKED: SMS		CHECKED: MJV			

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - US 36 - LINE "A"

SCALE 1" = 50'-0"	BRIDGE FILE
DESIGNATION 1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS
ELECTRONIC	57 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



Legend

- 1

Temporary Pavement Marking, Solid, White, 6 In.
- 2

Temporary Pavement Marking, Broken, White, 6 In.
- 3

Temporary Pavement Marking, Dotted, White, 6 In.
- 4

Temporary Pavement Marking, Crosshatch Line, White, 12 In.
- 5

Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
- 6

Temporary Pavement Marking, Solid, Yellow, 6 In.
- 7

Temporary Pavement Marking, Solid, Double Yellow, 6 In.
- 8

Temporary Pavement Marking, Broken, Yellow, 6 In.
- 9

Temporary Pavement Marking, Message, Lane Indication Arrow
- 10

Temporary Pavement Marking, Message, Only
- Y

Type III-A Barricade
- X—

Line, Remove
-
- Construction Area

⊥⊥

Construction Sign, Type A or Type B

●

Standard Drum

➔

Direction of Traffic

○

48" Traffic Cone

Construction Zone Design Speed is 40 MPH

CDM
Smith

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

B-66

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - US 36/SR 9 - LINE "A"

SCALE
1" = 50'-0"

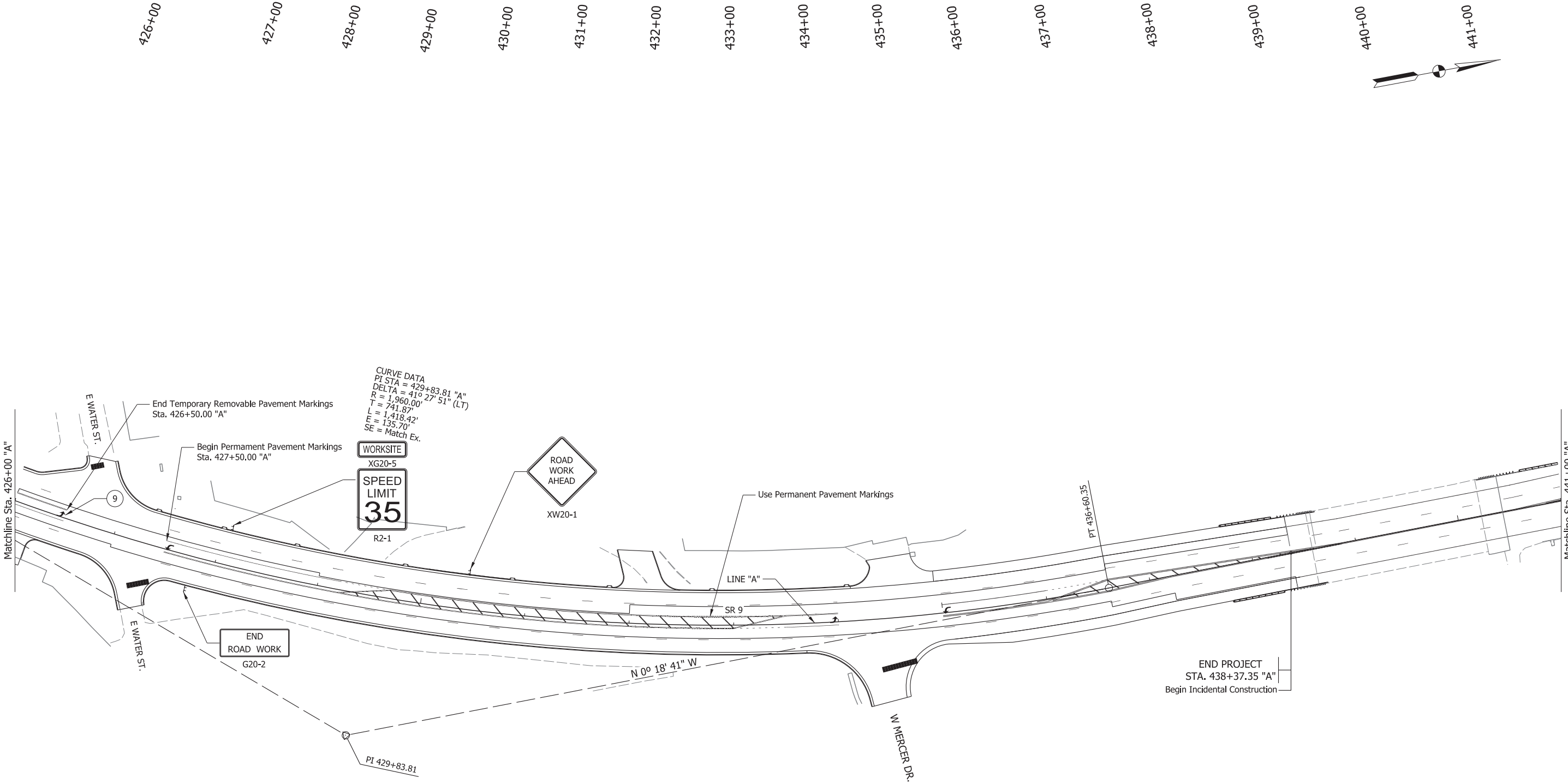
BRIDGE FILE

DESIGNATION
1702936, 1802854, 2001127

SURVEY BOOK
ELECTRONIC
CONTRACT
R-41837

SHEETS
58 of 243
PROJECT
1702936, 1802854, 2001127

pw:\cdmsmith-az02-pw.bentley.com:pw_pt1\Documents\118931\249691\10 Transportation\02 Engineering Services NM_30pct\01 Roadway Design\10 CADD\02 Details\Sht MOT_PhIIa_A_50_03.dgn



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.
- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.
- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove
- Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

48" Traffic Cone
- Construction Zone Design Speed is 40 MPH

CDM
Smith

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Indianapolis, IN 46204
Tel: (317) 829-9600

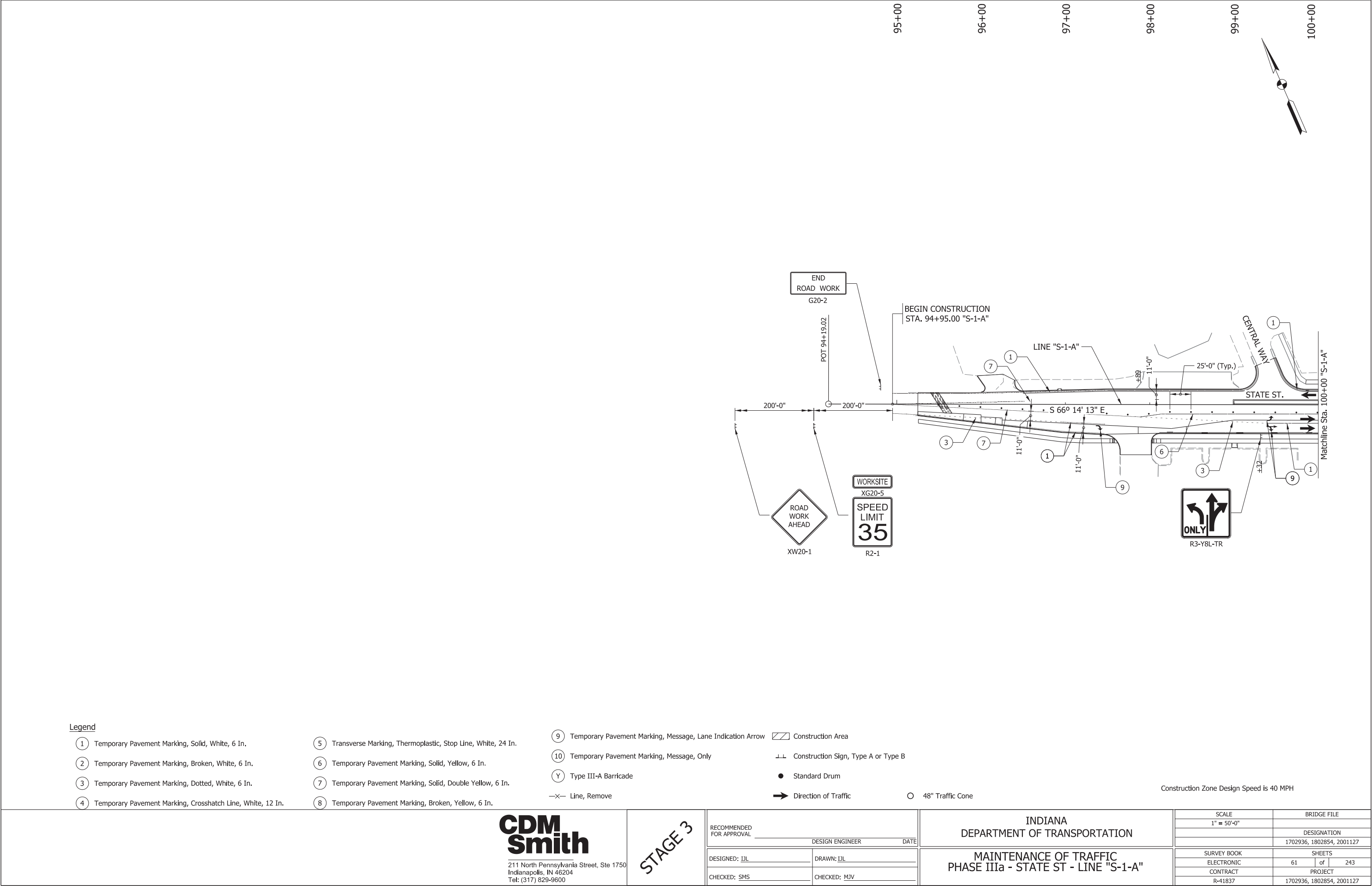
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: IJL	DRAWN: IJL
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - SR 9 - LINE "A"

SCALE 1" = 50'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	59	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



Legend

- 1 Temporary Pavement Marking, Solid, White, 6 In.

2 Temporary Pavement Marking, Broken, White, 6 In.

3 Temporary Pavement Marking, Dotted, White, 6 In.

4 Temporary Pavement Marking, Crosshatch Line, White, 12 In.

5 Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

6 Temporary Pavement Marking, Solid, Yellow, 6 In.

7 Temporary Pavement Marking, Solid, Double Yellow, 6 In.

8 Temporary Pavement Marking, Broken, Yellow, 6 In.

9 Temporary Pavement Marking, Message, Lane Indication Arrow

10 Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove
- Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

Construction Zone Design Speed is 40 MPH

CDM
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Indianapolis, IN 46204
Tel: (317) 829-9600

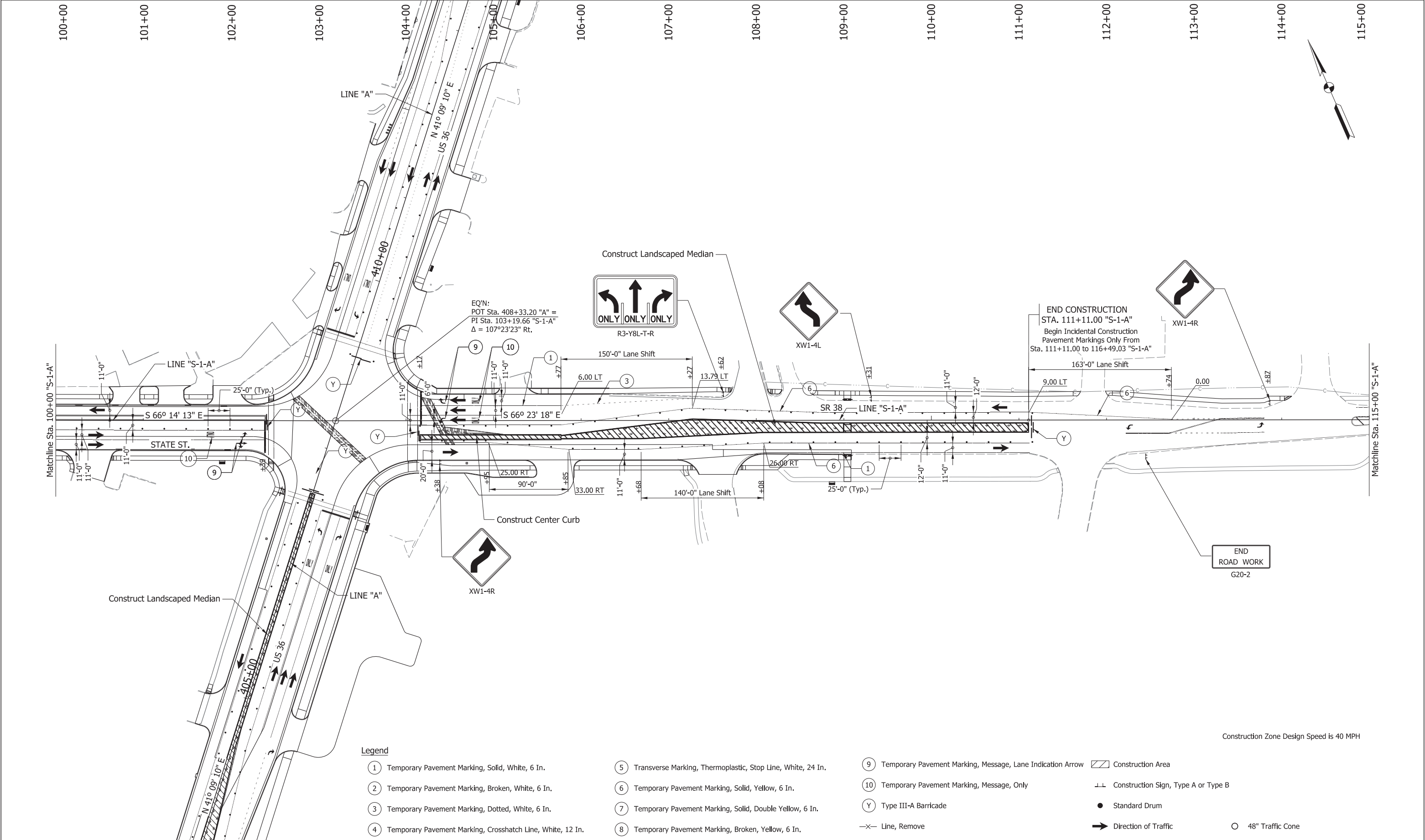
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: DJL	DRAWN: DJL
CHECKED: SMS	CHECKED: MJV
DESIGN ENGINEER _____ DATE _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - STATE ST - LINE "S-1-A"

SCALE 1" = 50'-0"		BRIDGE FILE	
		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		61	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	





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Indianapolis, IN 46204
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STAGE 3

RECOMMENDED FOR APPROVAL
DESIGNED: DJL
CHECKED: SMS

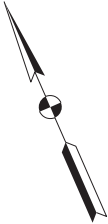
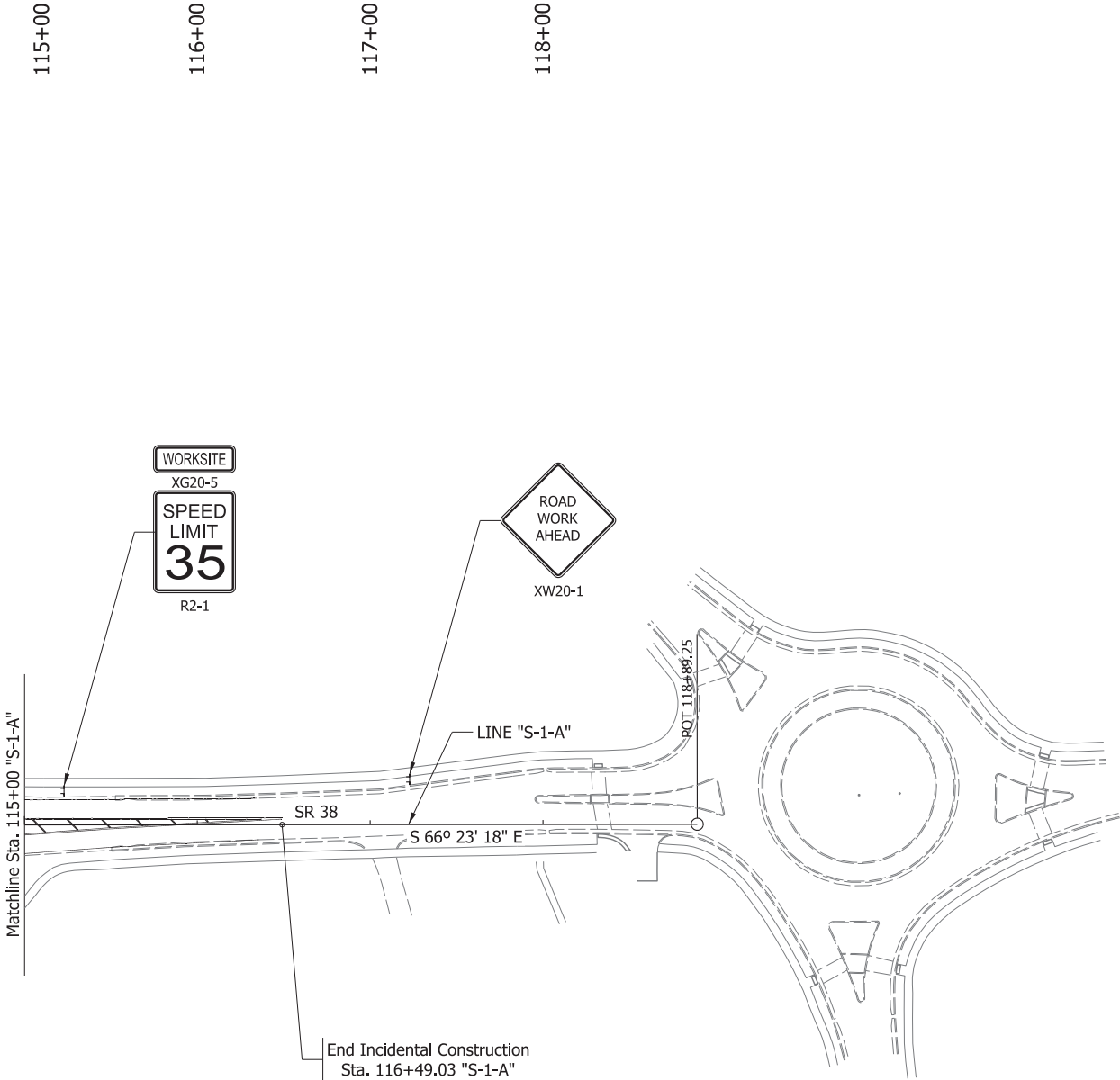
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - STATE ST/SR 38 - LINE "S-1-A"

SCALE 1" = 50'-0"	BRIDGE FILE
DESIGNATION 1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS
ELECTRONIC	62 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127

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B-70



Legend

- | | | | |
|--|---|--|-------------------------------------|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow | Construction Area |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⑩ Temporary Pavement Marking, Message, Only | Construction Sign, Type A or Type B |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | Y Type III-A Barricade | Standard Drum |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | —X— Line, Remove | 48" Traffic Cone |

Construction Zone Design Speed is 40 MPH

**CDM
Smith**

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJL

DRAWN: DJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - SR 38 - LINE "S-1-A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

63

of

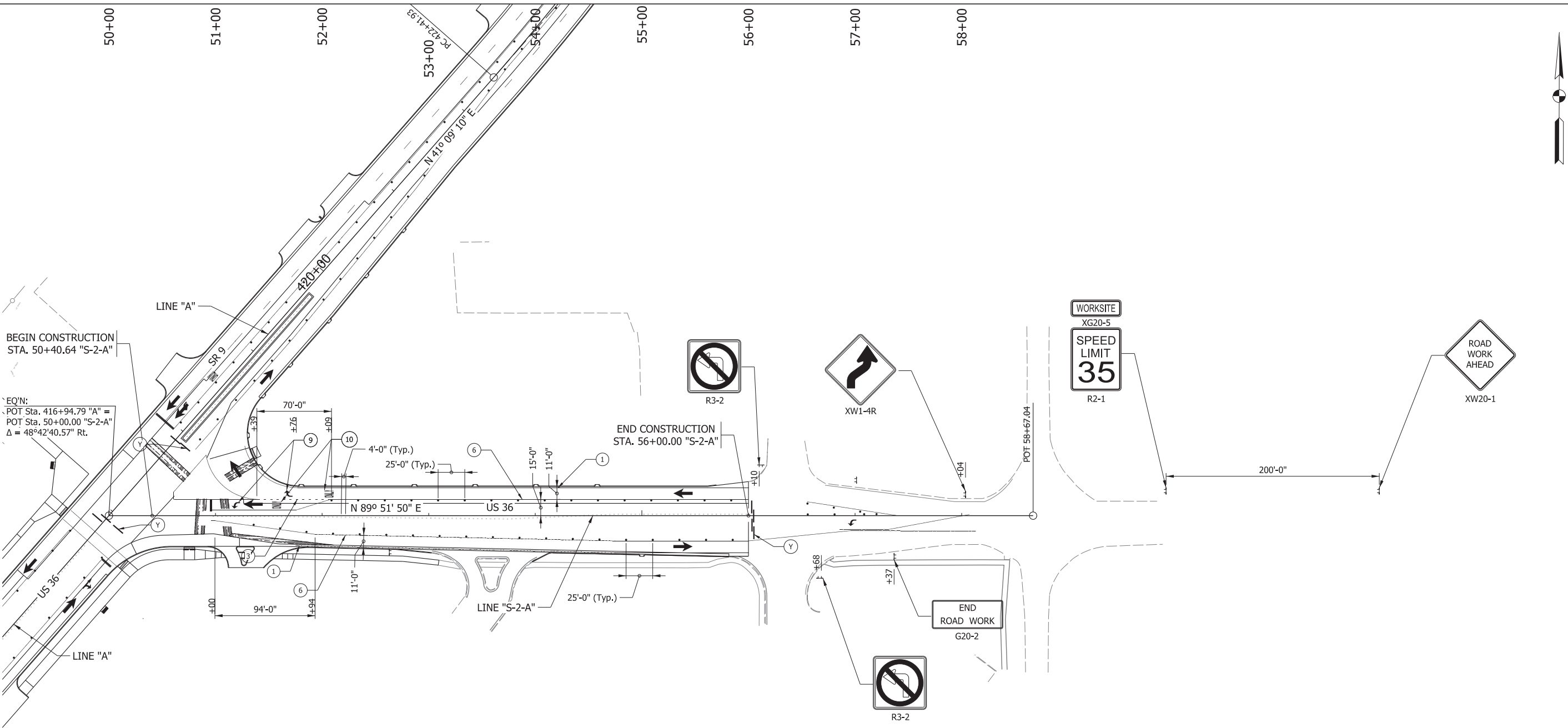
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



- Legend**

① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Y Type III-A Barricade

—X— Line, Remove

Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

48" Traffic Cone

Construction Zone Design Speed is 40 MPH

**CDM
Smith**
211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

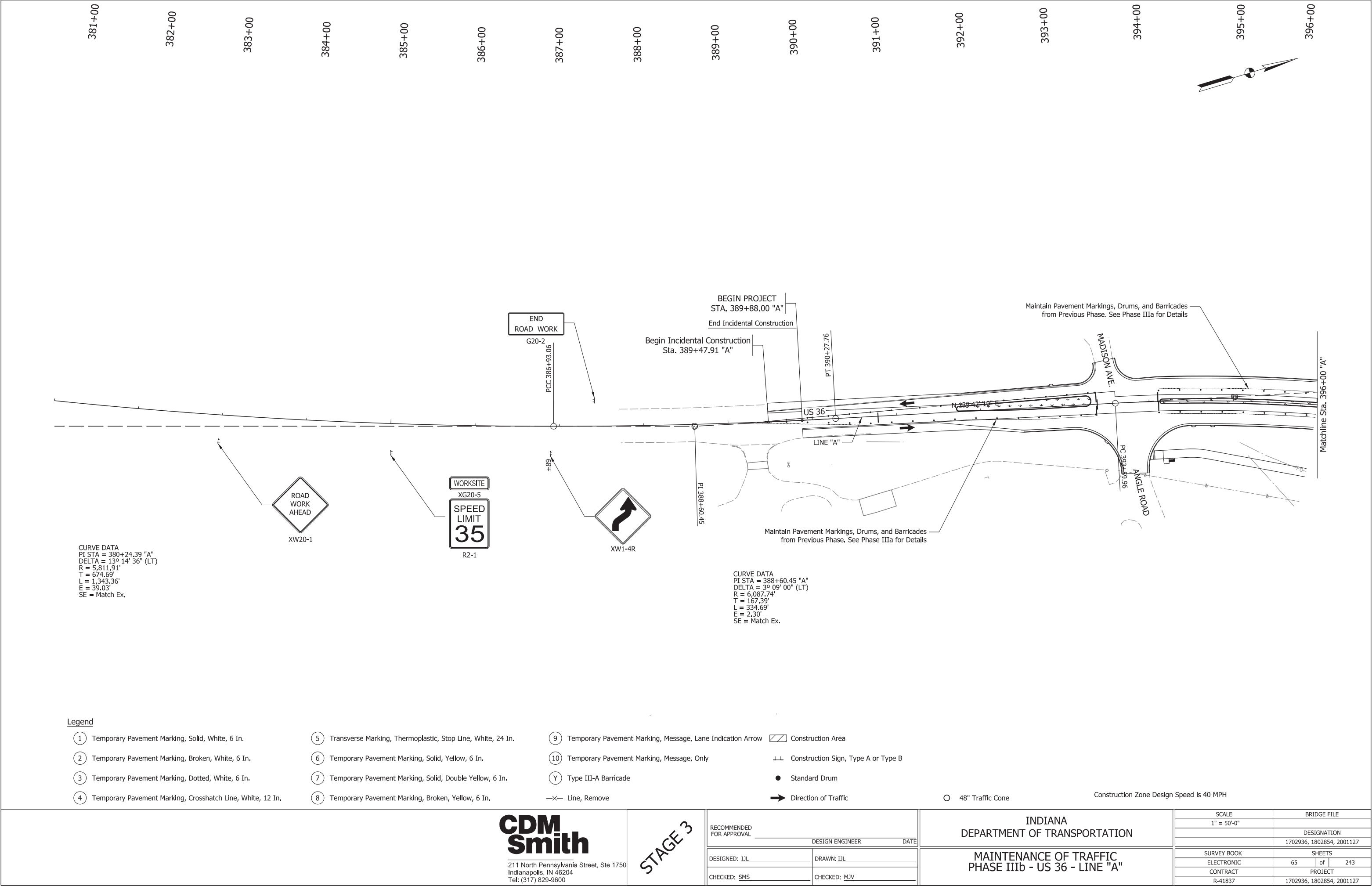
STAGE 3

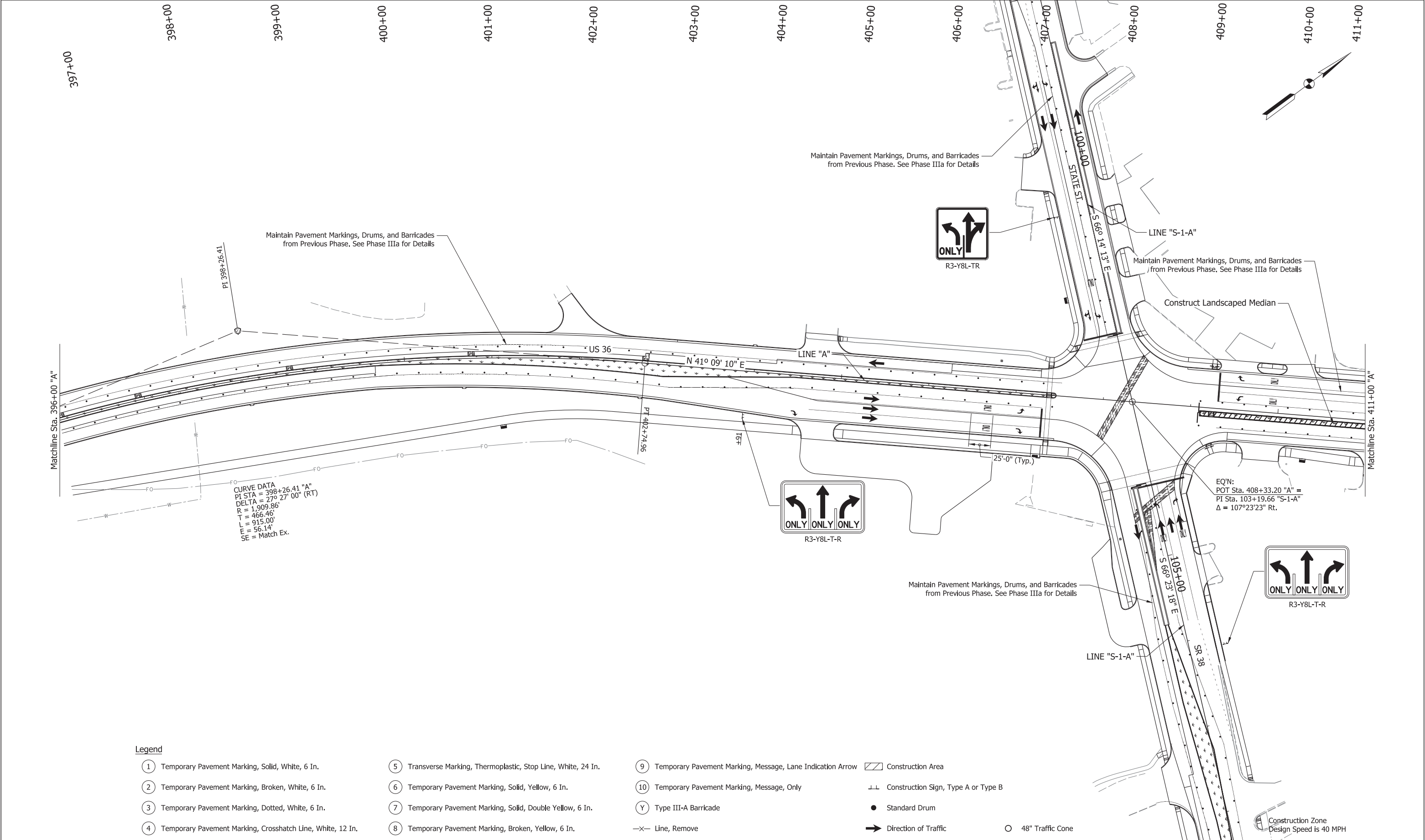
RECOMMENDED FOR APPROVAL _____	
DESIGNED: IJL	DRAWN: IJL
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - US 36 - LINE "S-2-A"

SCALE 1" = 50'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	64	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	





Legend

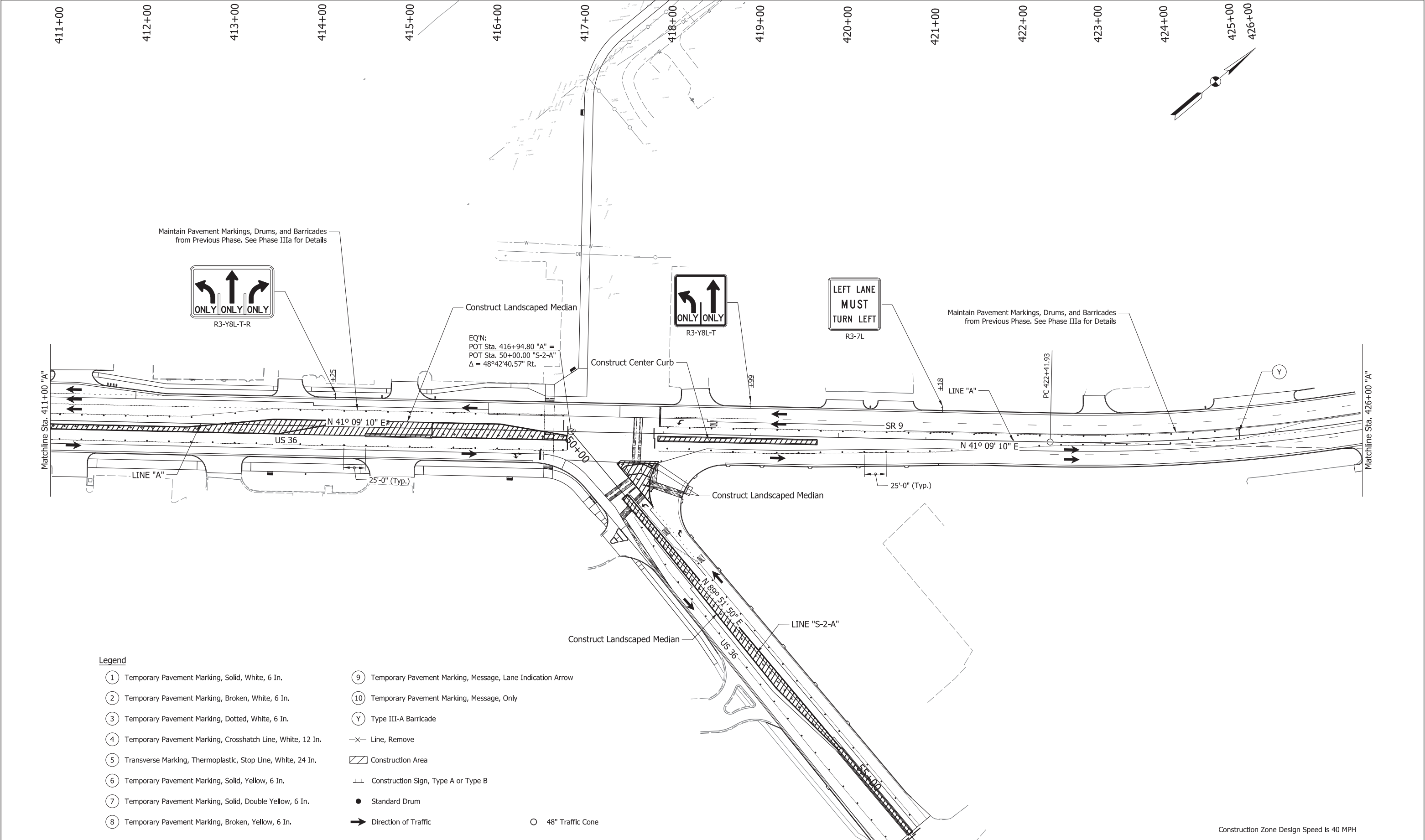
- ① Temporary Pavement Marking, Solid, White, 6 In.
- ② Temporary Pavement Marking, Broken, White, 6 In.
- ③ Temporary Pavement Marking, Dotted, White, 6 In.
- ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

- ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.
- ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.
- ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.
- ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

- ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow
- ⑩ Temporary Pavement Marking, Message, Only
- Y Type III-A Barricade
- X— Line, Remove

- Construction Area
- Construction Sign, Type A or Type B
- Standard Drum
- Direction of Traffic
- 48" Traffic Cone

CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 50'-0"		BRIDGE FILE	
		DESIGNED: IJL		MAINTENANCE OF TRAFFIC PHASE IIIb - US 36 - LINE "A"		DESIGNATION		SHEETS	
		CHECKED: SMS				CONTRACT		PROJECT	
						R-41837		1702936, 1802854, 2001127	



Legend

- | | |
|---|--|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑩ Temporary Pavement Marking, Message, Only |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | Y Type III-A Barricade |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | —X— Line, Remove |
| ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ▨ Construction Area |
| ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⊥⊥ Construction Sign, Type A or Type B |
| ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | ● Standard Drum |
| ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | ➔ Direction of Traffic |
| | ○ 48" Traffic Cone |

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Smith**

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Indianapolis, IN 46204
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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIb - US 36/SR 9 - LINE "A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

R-41837

SHEETS

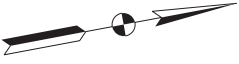
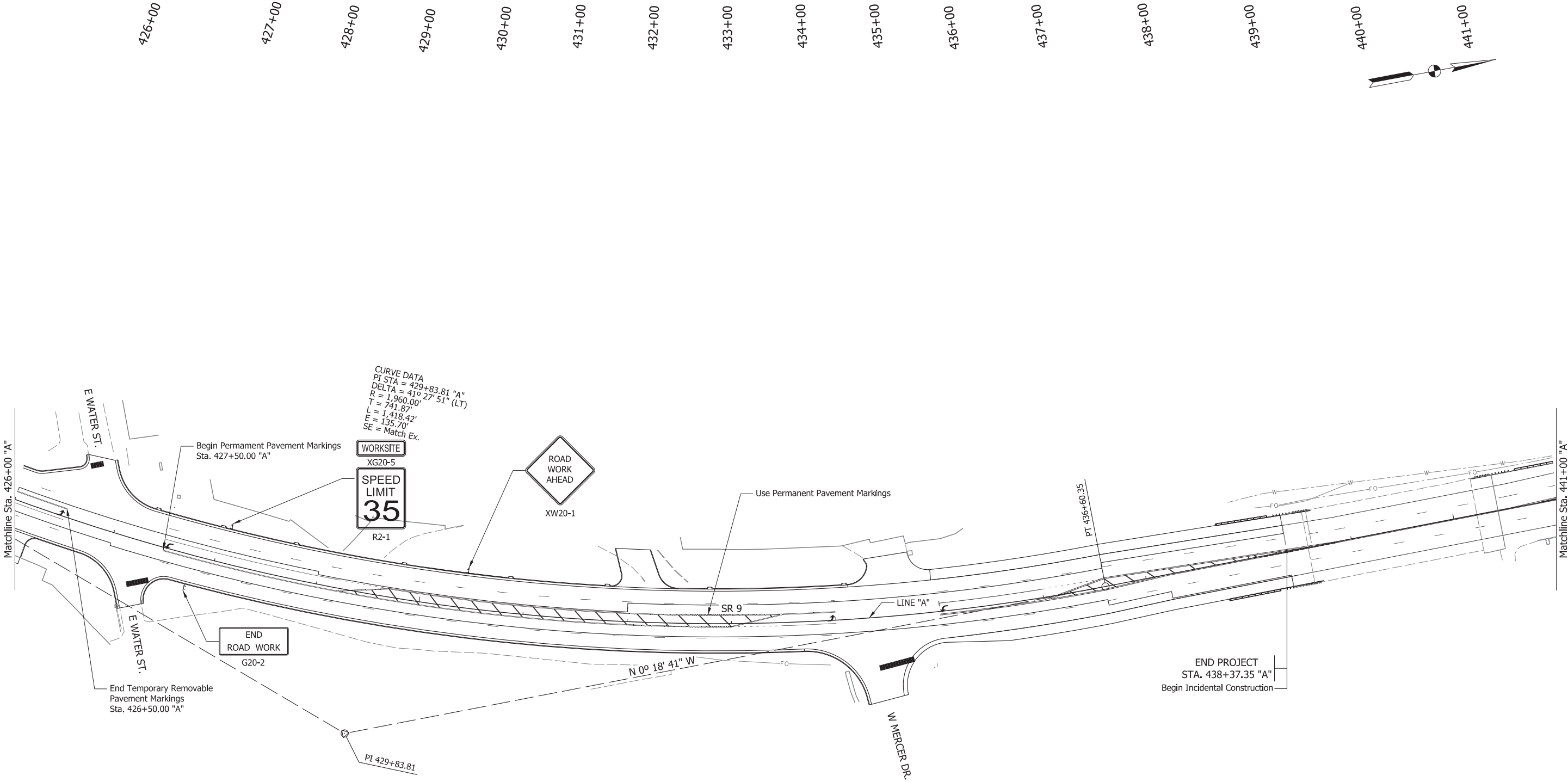
67

of

243

PROJECT

1702936, 1802854, 2001127



Legend

- ① Temporary Pavement Marking, Solid, White, 6 In.

② Temporary Pavement Marking, Broken, White, 6 In.

③ Temporary Pavement Marking, Dotted, White, 6 In.

④ Temporary Pavement Marking, Crosshatch Line, White, 12 In.

⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

⑥ Temporary Pavement Marking, Solid, Yellow, 6 In.

⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In.

⑧ Temporary Pavement Marking, Broken, Yellow, 6 In.

⑨ Temporary Pavement Marking, Message, Lane Indication Arrow

⑩ Temporary Pavement Marking, Message, Only

Ⓨ Type III-A Barricade

—X— Line, Remove
- Construction Area

Construction Sign, Type A or Type B

Standard Drum

Direction of Traffic

48" Traffic Cone
- Construction Zone Design Speed is 40 MPH

CDM
Smith

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Indianapolis, IN 46204
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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: IJL

DRAWN: IJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIb - SR 9 - LINE "A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

68

of

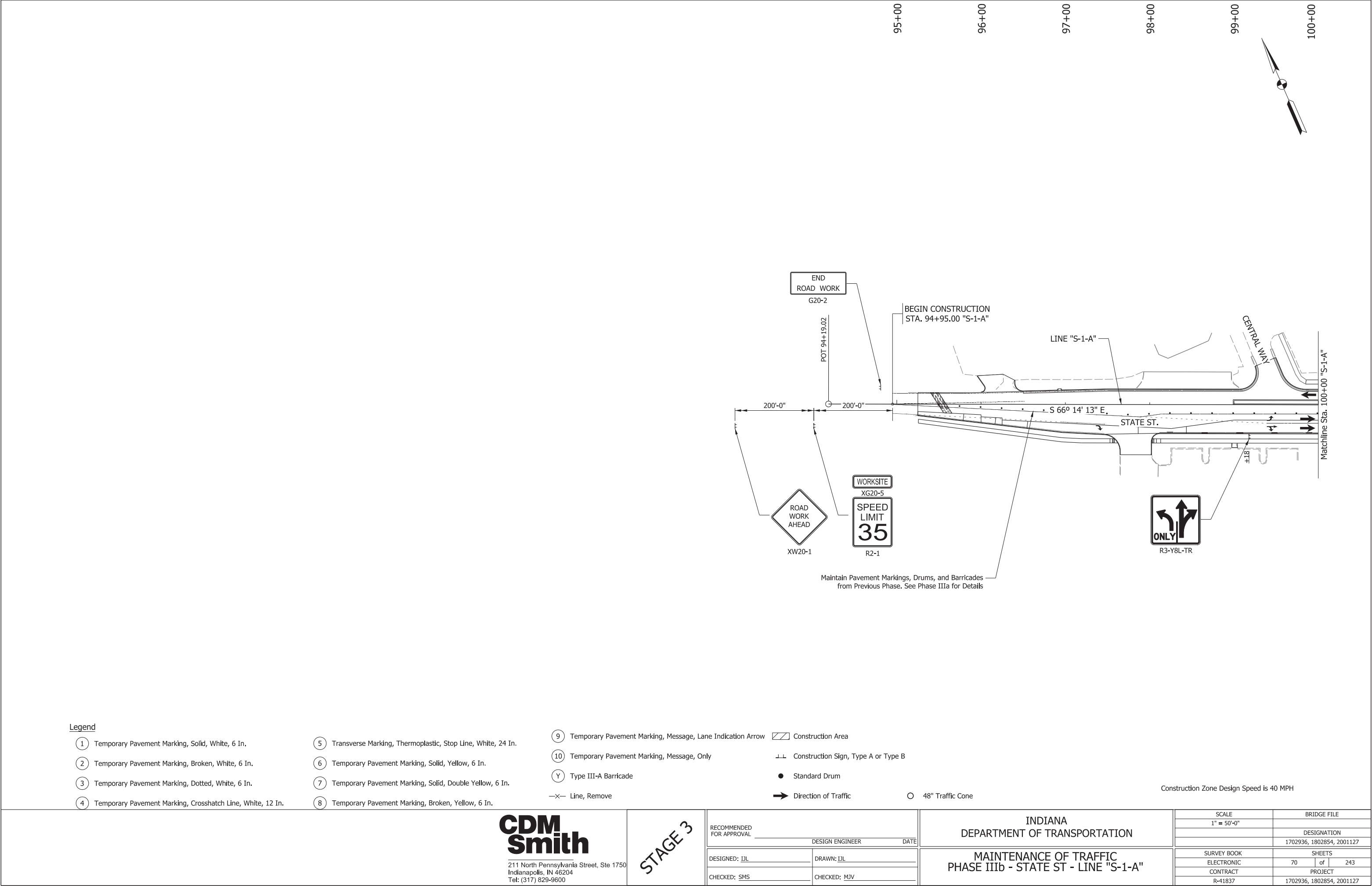
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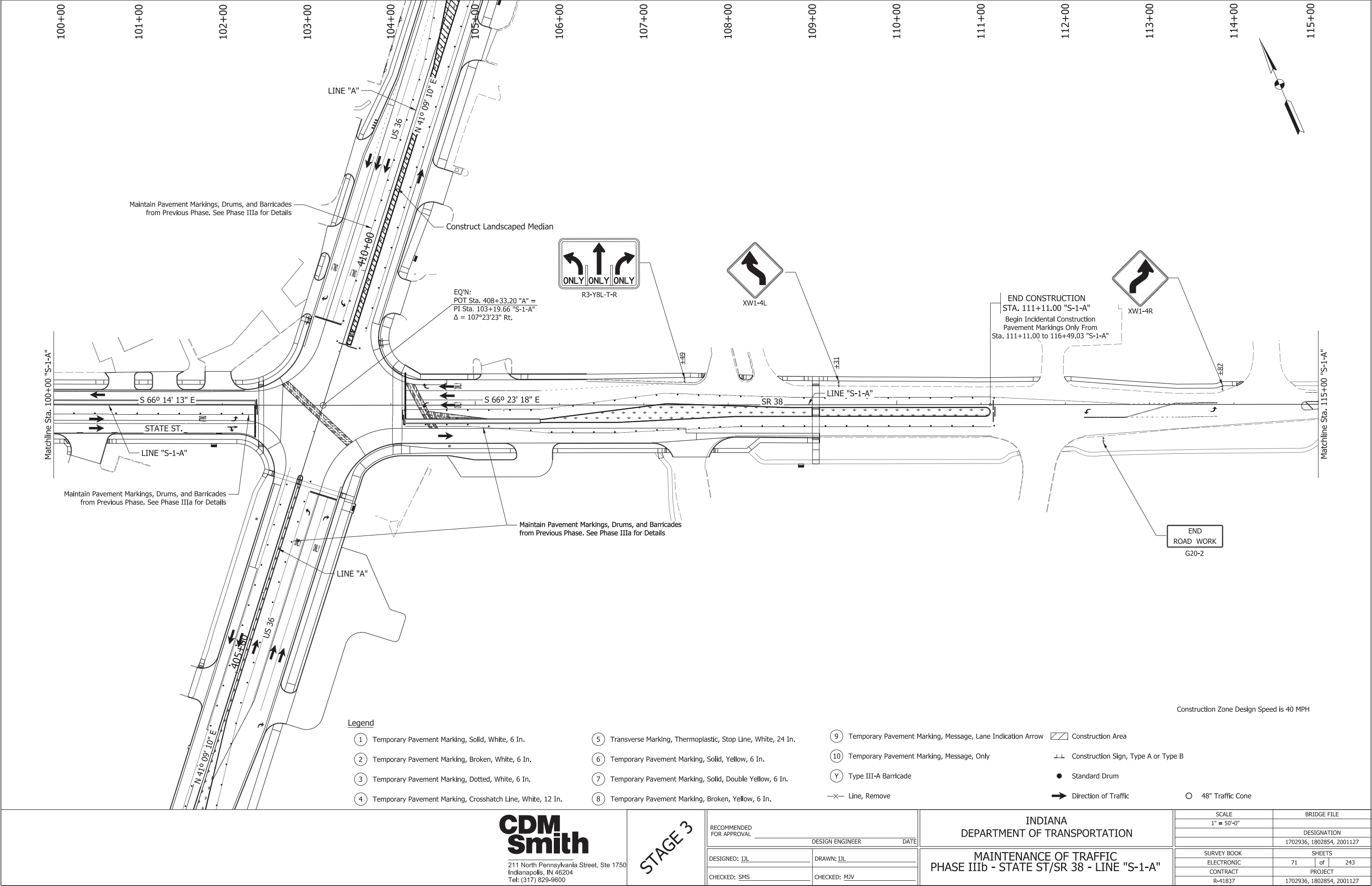
CONTRACT

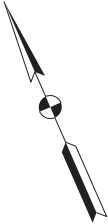
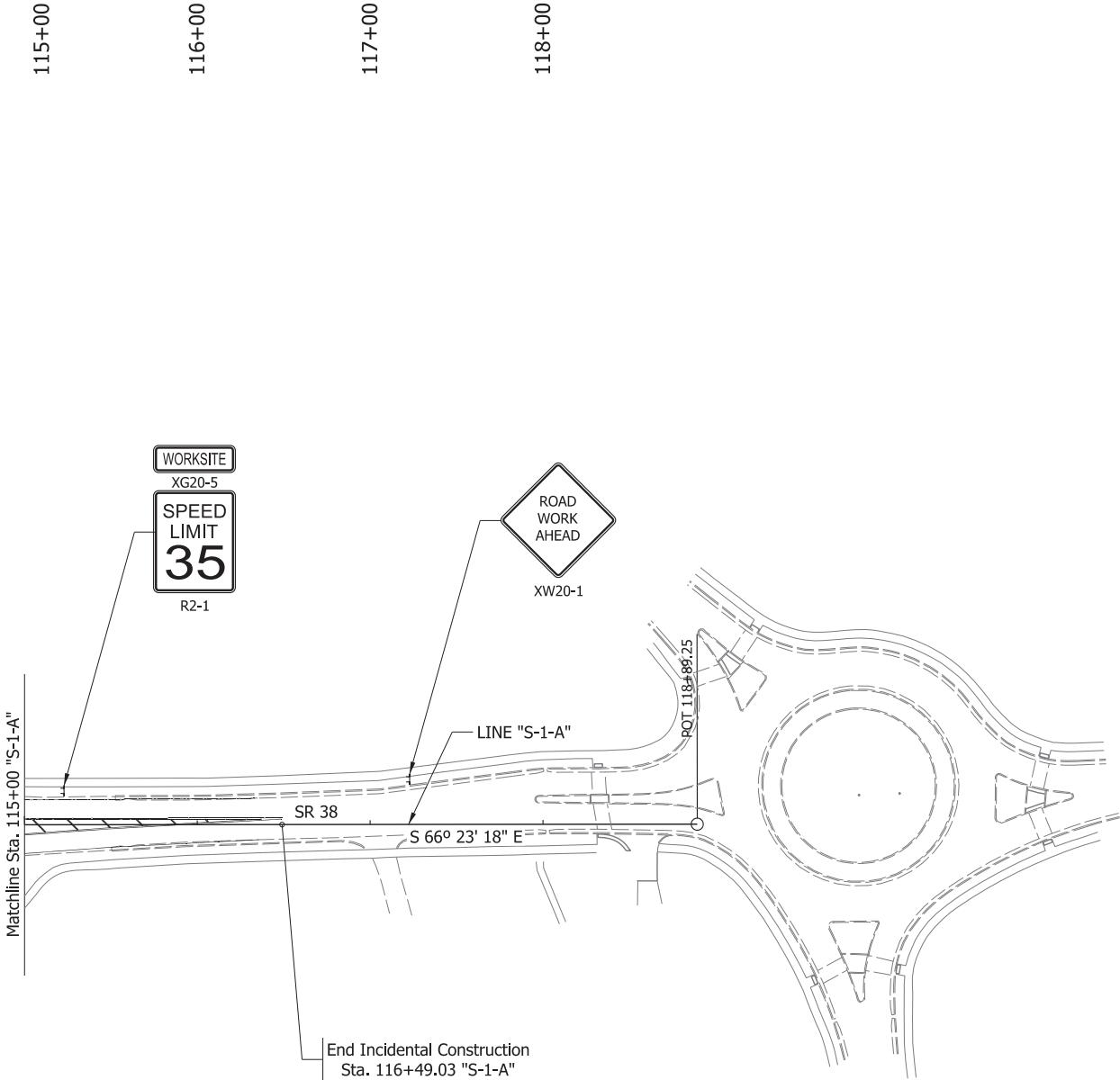
PROJECT

R-41837

1702936, 1802854, 2001127







Legend

- | | | | |
|--|---|--|-------------------------------------|
| ① Temporary Pavement Marking, Solid, White, 6 In. | ⑤ Transverse Marking, Thermoplastic, Stop Line, White, 24 In. | ⑨ Temporary Pavement Marking, Message, Lane Indication Arrow | Construction Area |
| ② Temporary Pavement Marking, Broken, White, 6 In. | ⑥ Temporary Pavement Marking, Solid, Yellow, 6 In. | ⑩ Temporary Pavement Marking, Message, Only | Construction Sign, Type A or Type B |
| ③ Temporary Pavement Marking, Dotted, White, 6 In. | ⑦ Temporary Pavement Marking, Solid, Double Yellow, 6 In. | Y Type III-A Barricade | ● Standard Drum |
| ④ Temporary Pavement Marking, Crosshatch Line, White, 12 In. | ⑧ Temporary Pavement Marking, Broken, Yellow, 6 In. | —X— Line, Remove | ➔ Direction of Traffic |
| | | | ○ 48" Traffic Cone |

Construction Zone Design Speed is 40 MPH

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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: DJL

DRAWN: DJL

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIb - SR 38 - LINE "S-1-A"

SCALE

1" = 50'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

R-41837

SHEETS

72

of

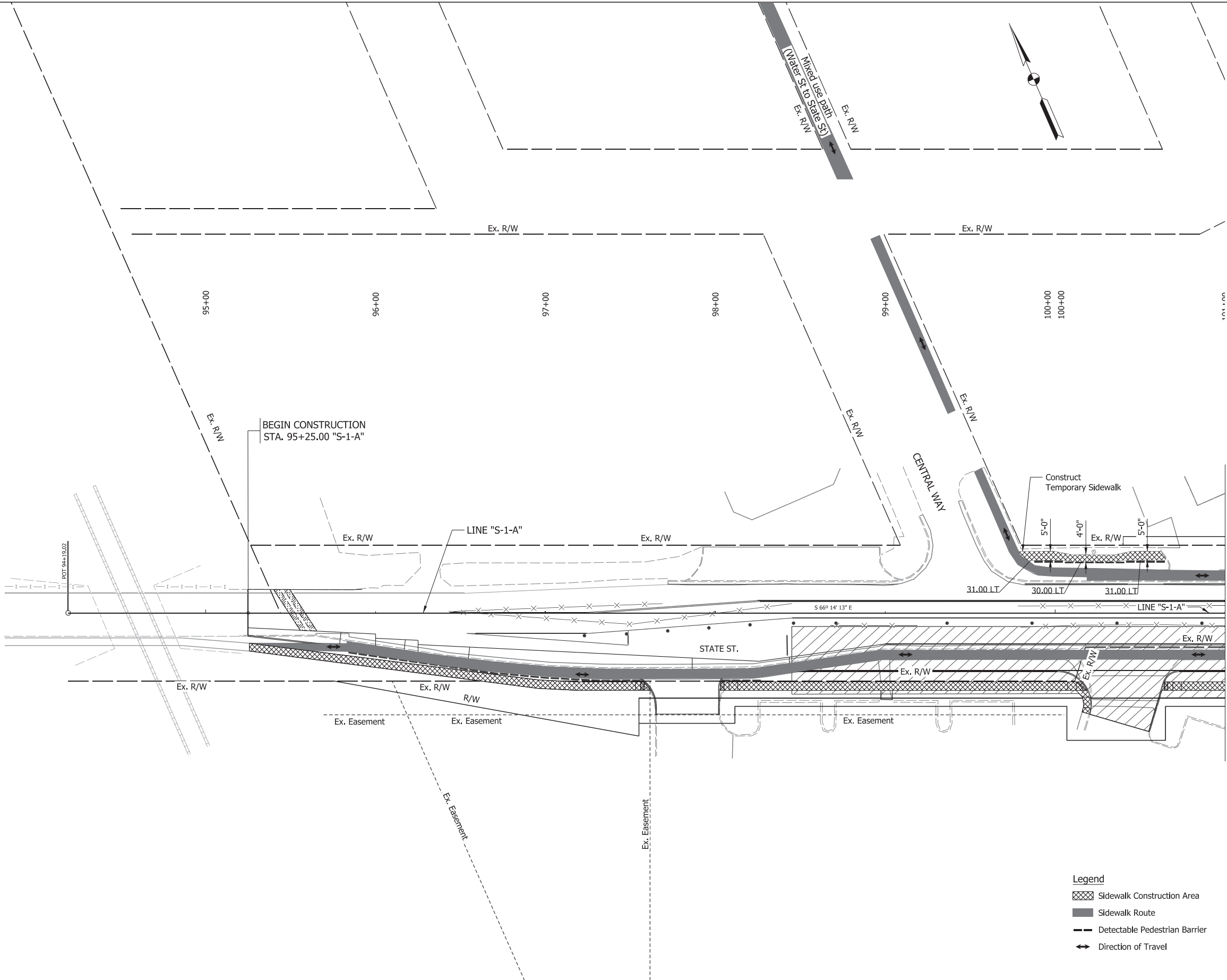
243

PROJECT

1702936, 1802854, 2001127

Phase I Sequence of Operations:

Construct new sidewalk while pedestrians use existing sidewalk.
Construct temporary sidewalk runarounds at locations where new sidewalk ties into existing.
Shift pedestrians to new sidewalk before removing existing sidewalk.



- Legend
- Sidewalk Construction Area
 - Sidewalk Route
 - Detectable Pedestrian Barrier
 - Direction of Travel



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Indianapolis, IN 46204
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STAGE 3

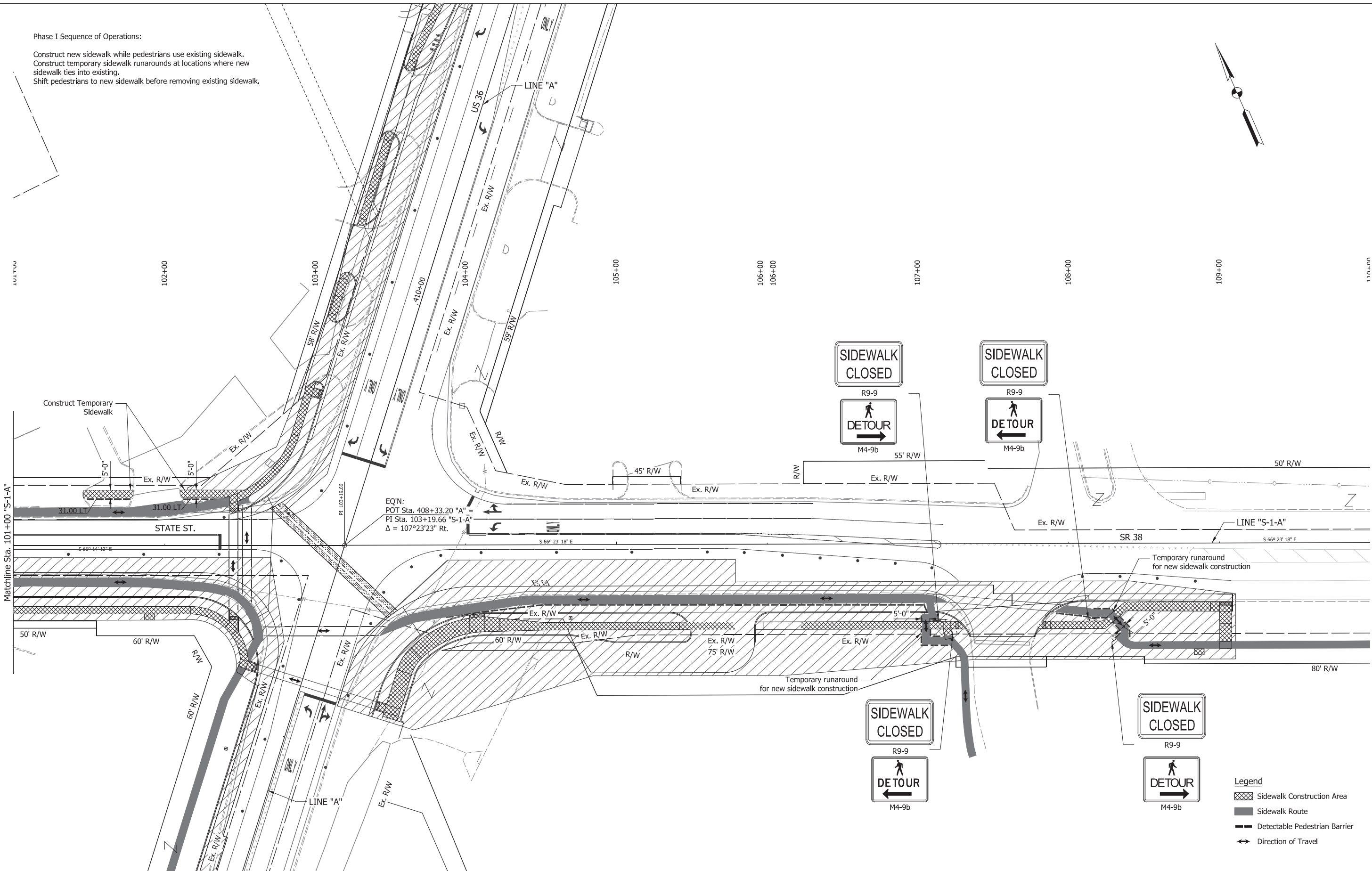
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DESIGNED: DJL	DRAWN: DJL
CHECKED: SMS	CHECKED: MJV

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC PHASE I - PEDESTRIAN MOT - LINE "S-1-A"	

SCALE 1" = 30'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	74	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	

Phase I Sequence of Operations:

Construct new sidewalk while pedestrians use existing sidewalk.
Construct temporary sidewalk runarounds at locations where new sidewalk ties into existing.
Shift pedestrians to new sidewalk before removing existing sidewalk.



- Legend
- Sidewalk Construction Area
 - Sidewalk Route
 - Detectable Pedestrian Barrier
 - Direction of Travel

**CDM
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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>IDL</u>	DRAWN: <u>IDL</u>	
CHECKED: <u>SMS</u>	CHECKED: <u>MJV</u>	

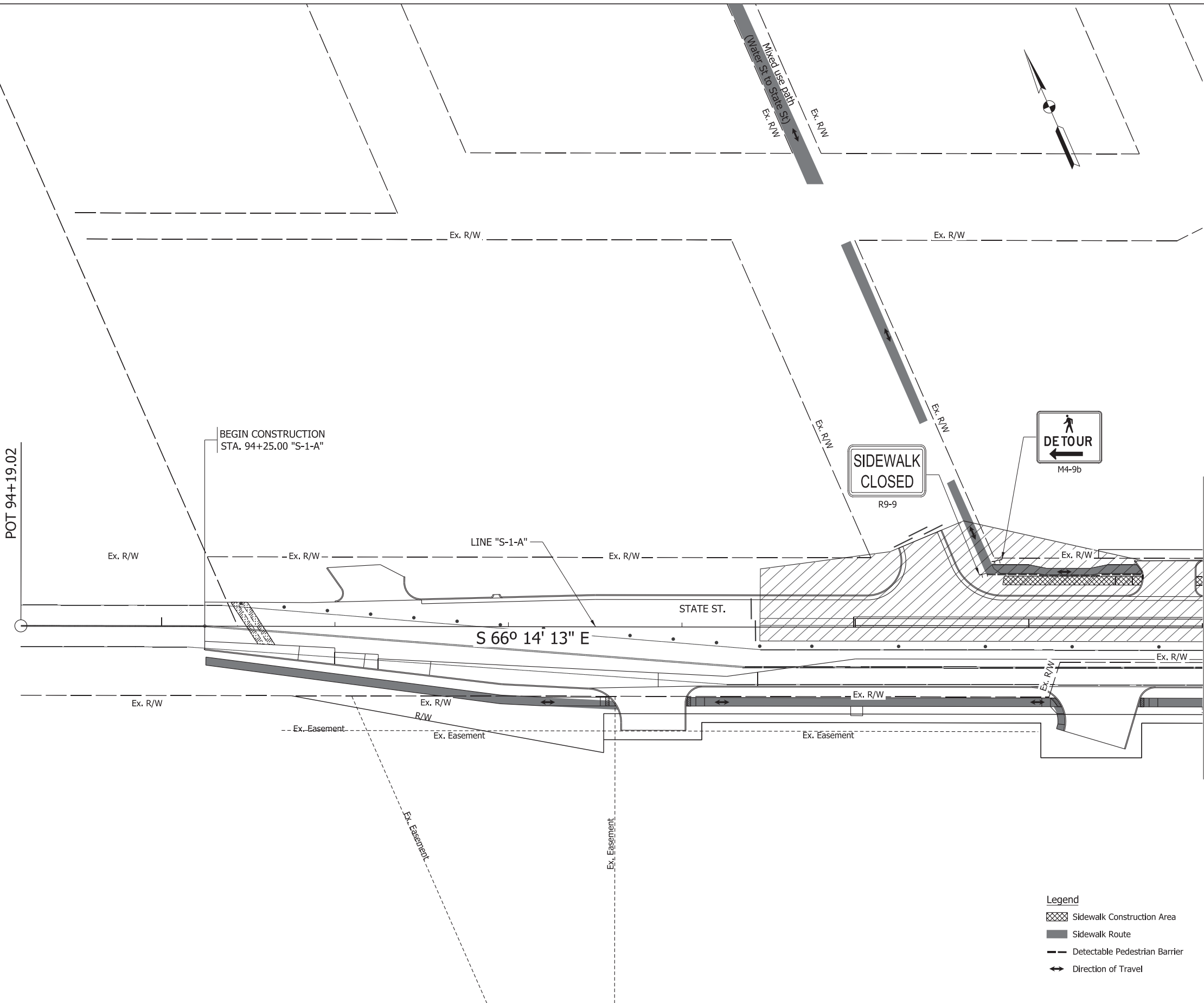
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE I - PEDESTRIAN MOT - LINE "S-1-A"

SCALE 1" = 30'-0"	BRIDGE FILE	
	DESIGNATION 1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	75	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	

Phase II Sequence of Operations:

Construct new sidewalk while pedestrians use existing sidewalk.
Construct temporary sidewalk runarounds at locations where new sidewalk ties into existing.
Shift pedestrians to new sidewalk before removing existing sidewalk.



Legend

- Sidewalk Construction Area
- Sidewalk Route
- Detectable Pedestrian Barrier
- Direction of Travel



211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
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STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: <u>IDL</u>	DRAWN: <u>IDL</u>
CHECKED: <u>SMS</u>	CHECKED: <u>MJV</u>

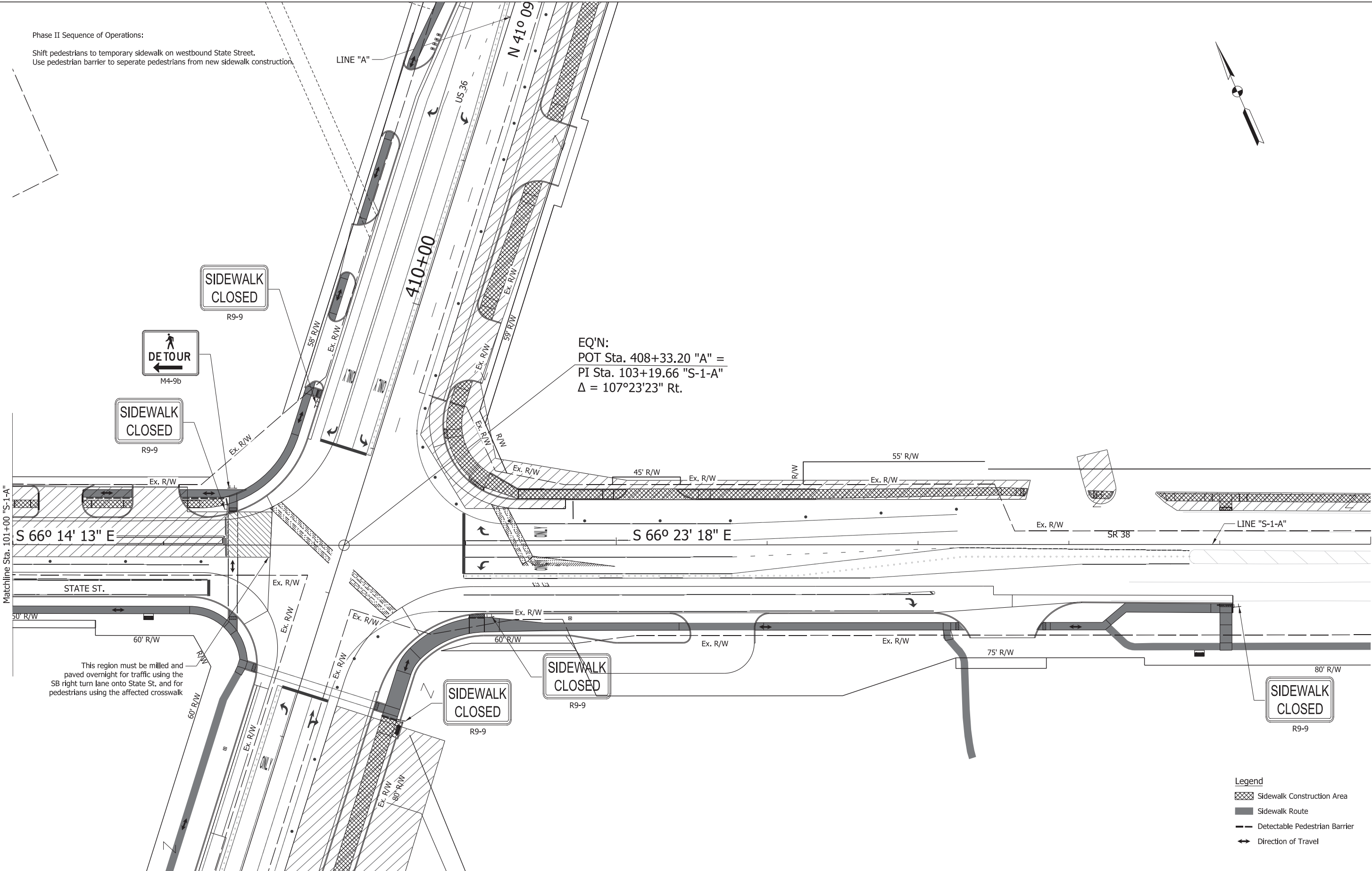
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE II - PEDESTRIAN MOT - LINE "S-1-A"

SCALE 1" = 30'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	76	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	

Phase II Sequence of Operations:

Shift pedestrians to temporary sidewalk on westbound State Street.
Use pedestrian barrier to separate pedestrians from new sidewalk construction.



- Legend
- Sidewalk Construction Area
 - Sidewalk Route
 - Detectable Pedestrian Barrier
 - Direction of Travel

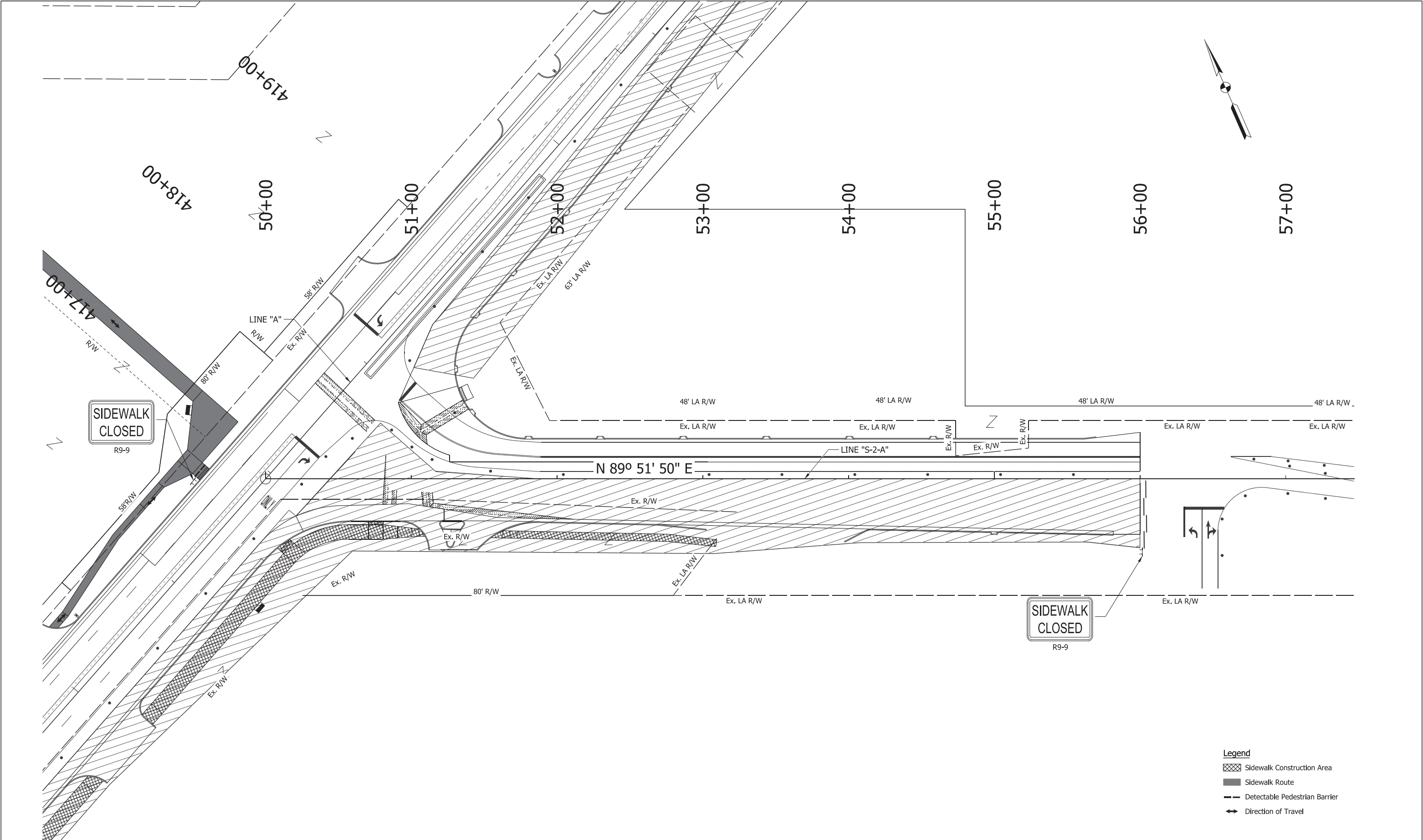
**CDM
Smith**
211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DJL	DRAWN: DJL	
CHECKED: SMS	CHECKED: MJV	

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC PHASE II - PEDESTRIAN MOT - LINE "S-1-A"

SCALE 1" = 30'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	77 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127





211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
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STAGE 3

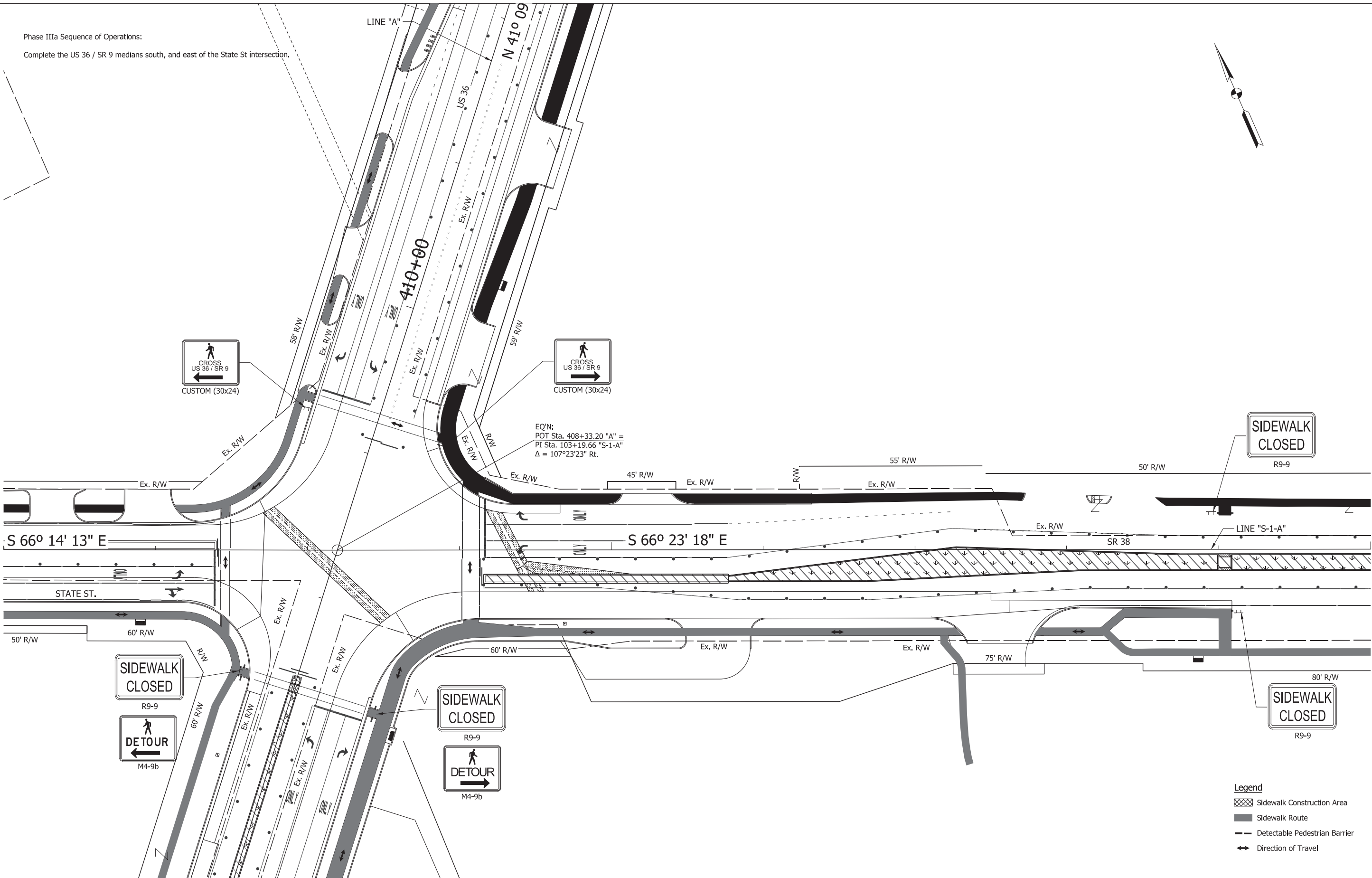
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DJL	DRAWN: DJL	
CHECKED: SMS	CHECKED: MJV	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE II - PEDESTRIAN MOT - LINE "S-2-A"

SCALE 1" = 30'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	78 of 243
CONTRACT R-41837	PROJECT 1702936, 1802854, 2001127

Phase IIIa Sequence of Operations:
Complete the US 36 / SR 9 medians south, and east of the State St intersection.



- Legend**
- Sidewalk Construction Area
 - Sidewalk Route
 - Detectable Pedestrian Barrier
 - Direction of Travel

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Indianapolis, IN 46204
Tel: (317) 829-9600

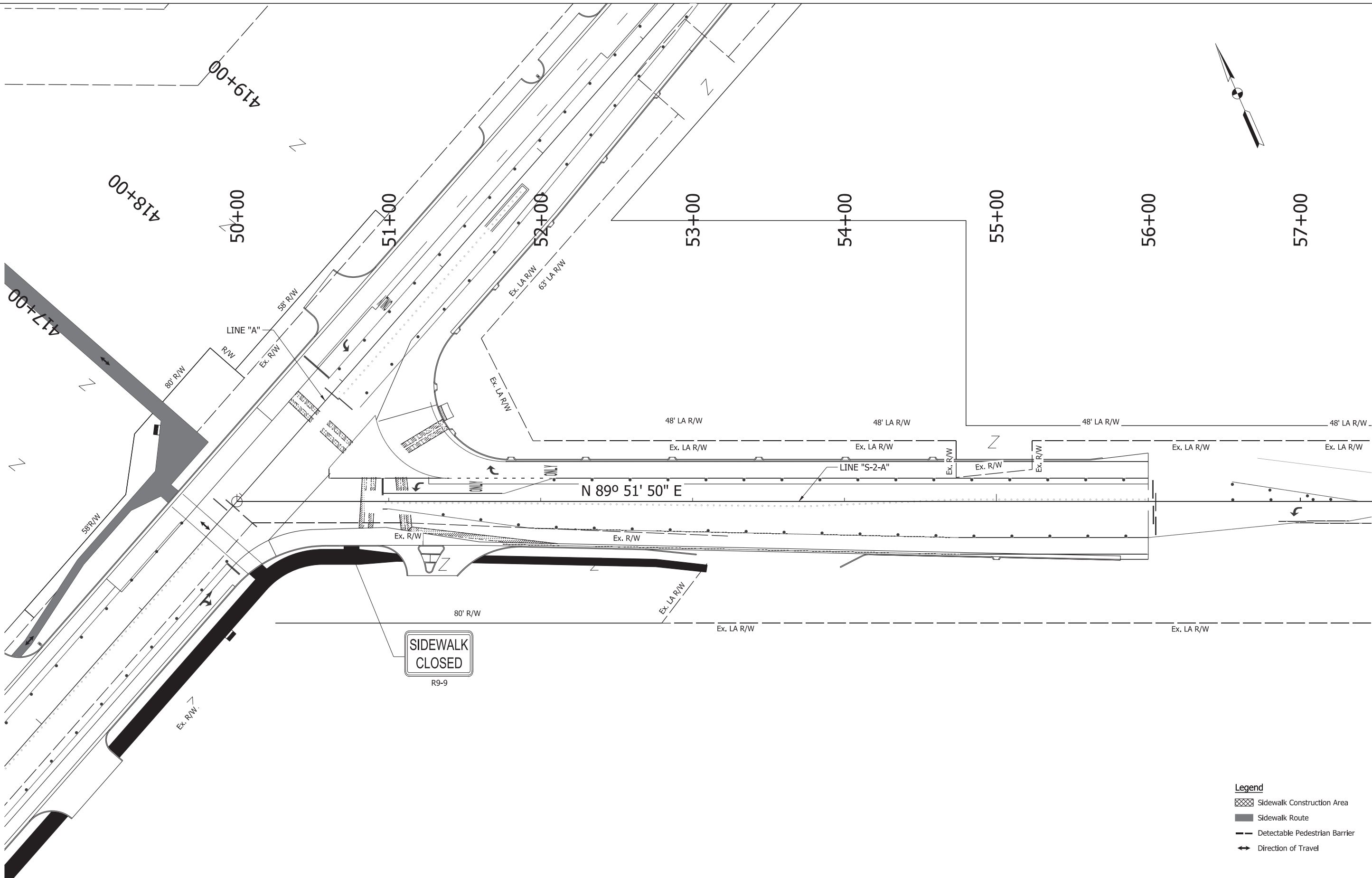
STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DJL	DRAWN: DJL	
CHECKED: SMS	CHECKED: MJV	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - PEDESTRIAN MOT - LINE "S-1-A"

SCALE 1" = 30'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	79 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



- Legend**
- Sidewalk Construction Area
 - Sidewalk Route
 - Detectable Pedestrian Barrier
 - Direction of Travel

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STAGE 3

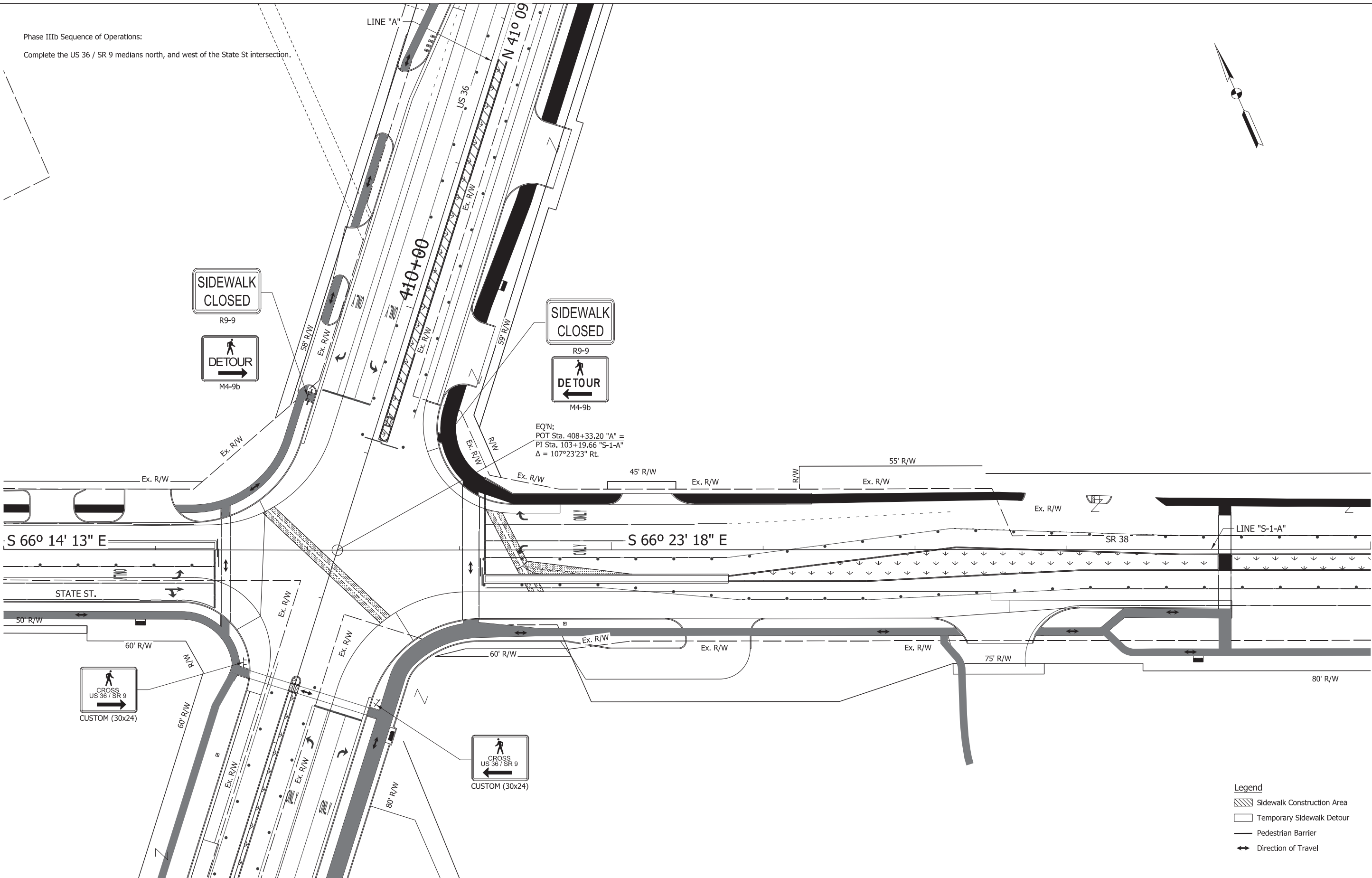
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DESIGNED: <u>IDL</u>	DRAWN: <u>IDL</u>
CHECKED: <u>SMS</u>	CHECKED: <u>MJV</u>

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIIa - PEDESTRIAN MOT - LINE "S-2-A"

SCALE 1" = 30'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	80	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	

Phase IIb Sequence of Operations:
Complete the US 36 / SR 9 medians north, and west of the State St intersection.



- Legend**
- Sidewalk Construction Area
 - Temporary Sidewalk Detour
 - Pedestrian Barrier
 - Direction of Travel

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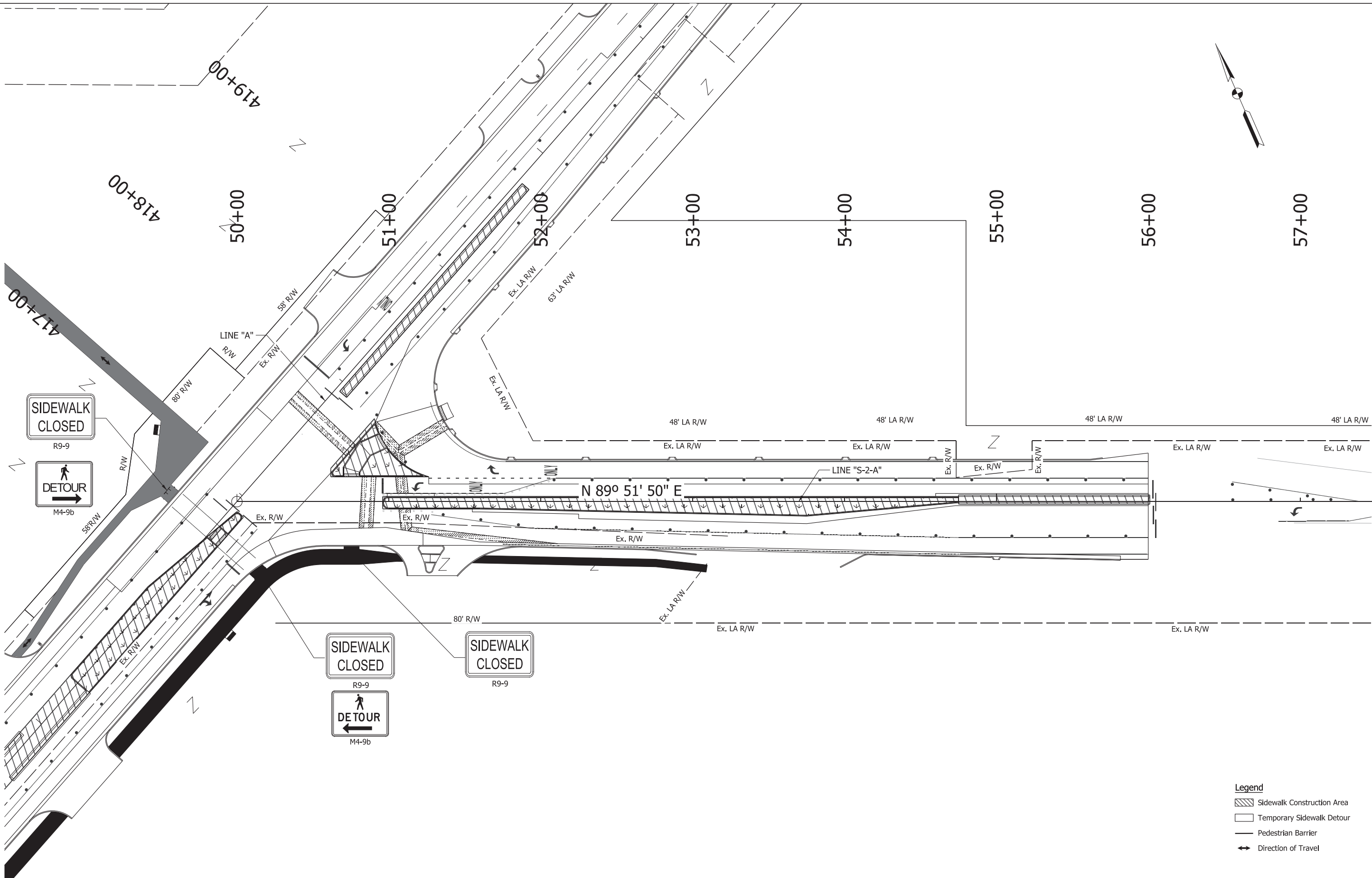
STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: DJL	DRAWN: DJL	
CHECKED: SMS	CHECKED: MJV	

INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IIb - PEDESTRIAN MOT - LINE "S-1-A"

SCALE 1" = 30'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	81 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



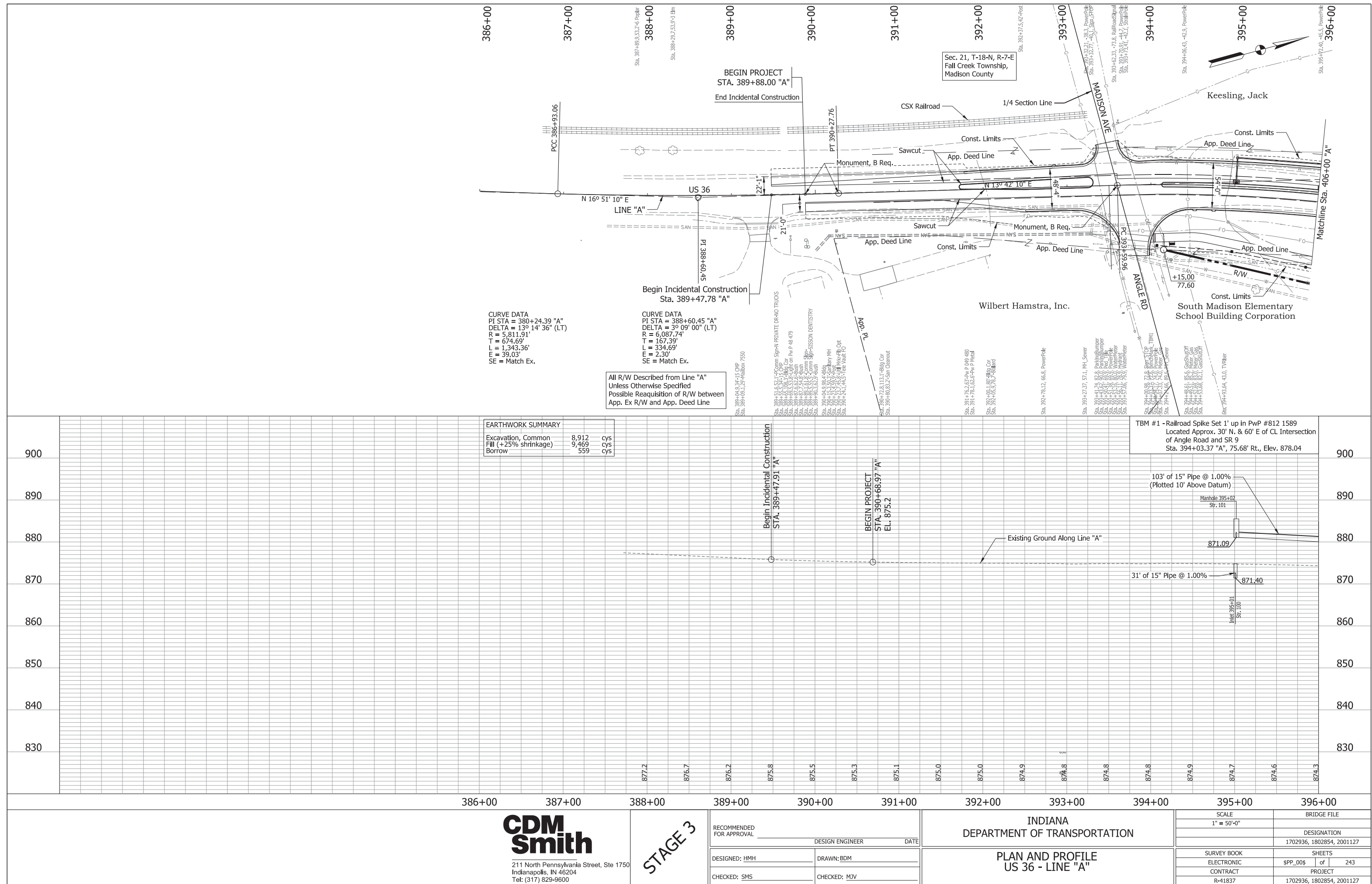
- Legend**
- Sidewalk Construction Area
 - Temporary Sidewalk Detour
 - Pedestrian Barrier
 - Direction of Travel

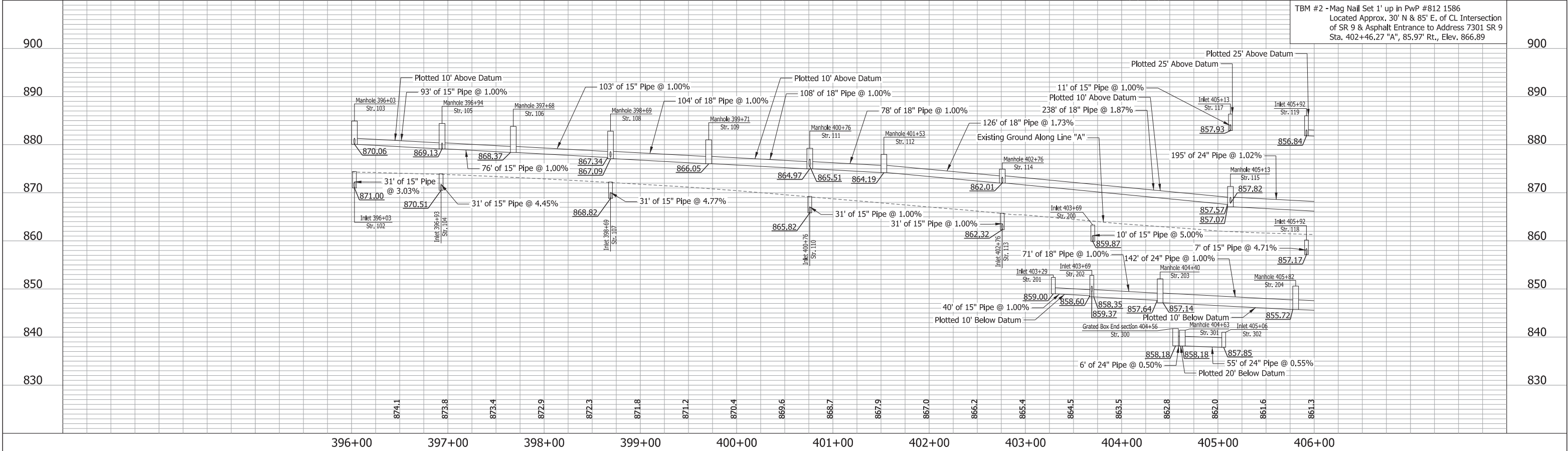
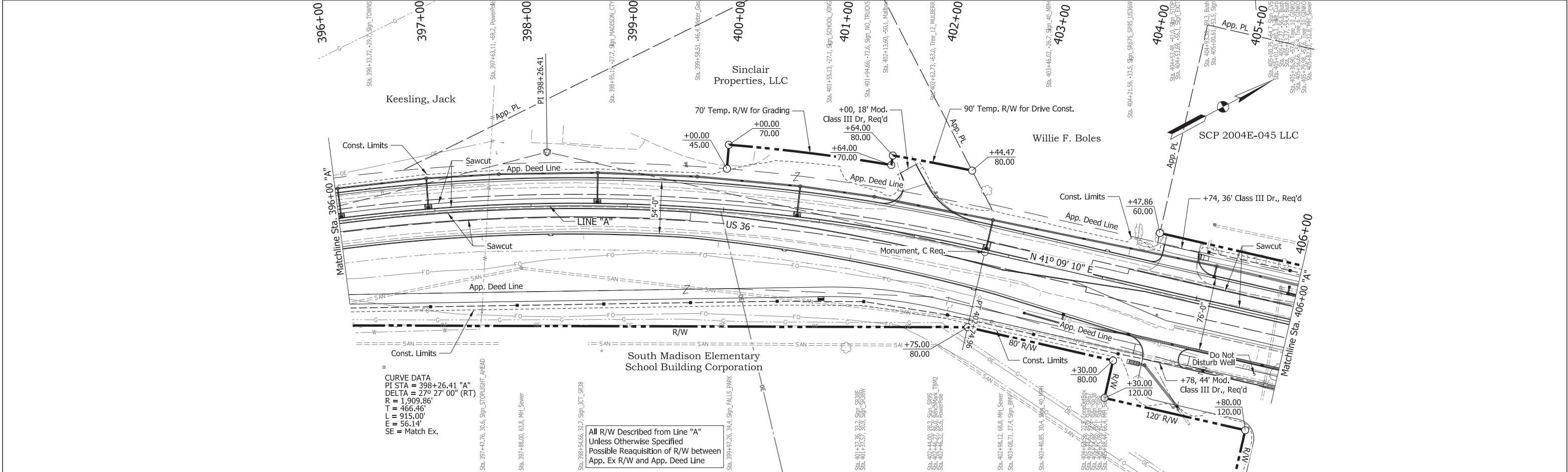
**CDM
Smith**
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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: <u>IDL</u>	DRAWN: <u>IDL</u>
CHECKED: <u>SMS</u>	CHECKED: <u>MJV</u>

INDIANA DEPARTMENT OF TRANSPORTATION	SCALE 1" = 30'-0"	
	DESIGNATION 1702936, 1802854, 2001127	
MAINTENANCE OF TRAFFIC PHASE IIIb - PEDESTRIAN MOT - LINE "S-2-A"	SURVEY BOOK	SHEETS
	ELECTRONIC	82 of 243
	CONTRACT	PROJECT
R-41837		1702936, 1802854, 2001127







211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
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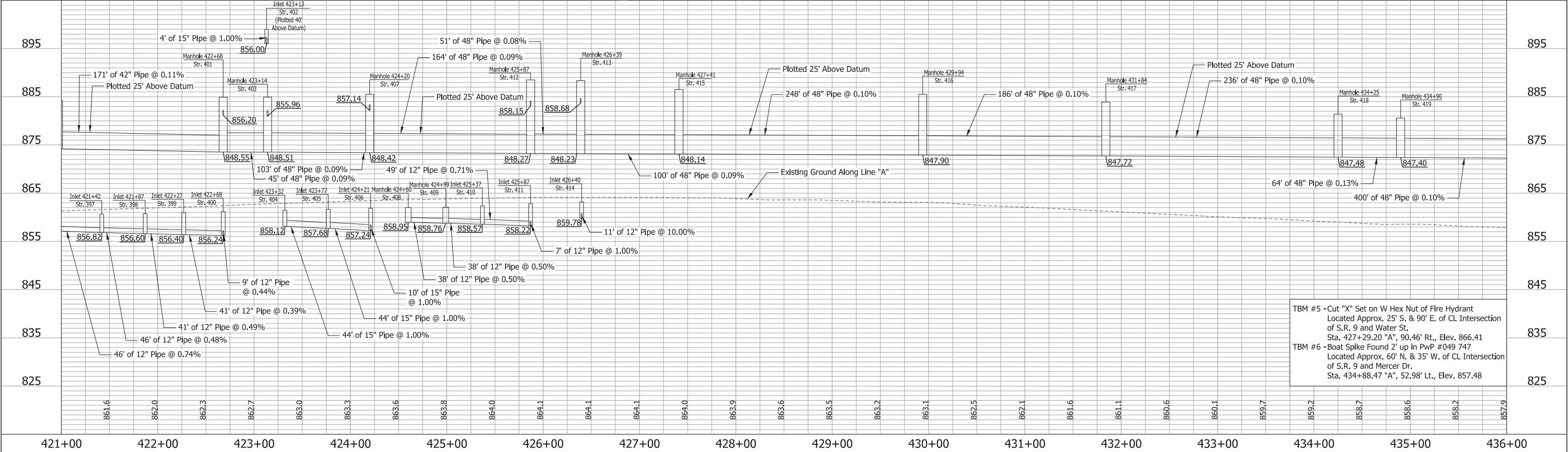
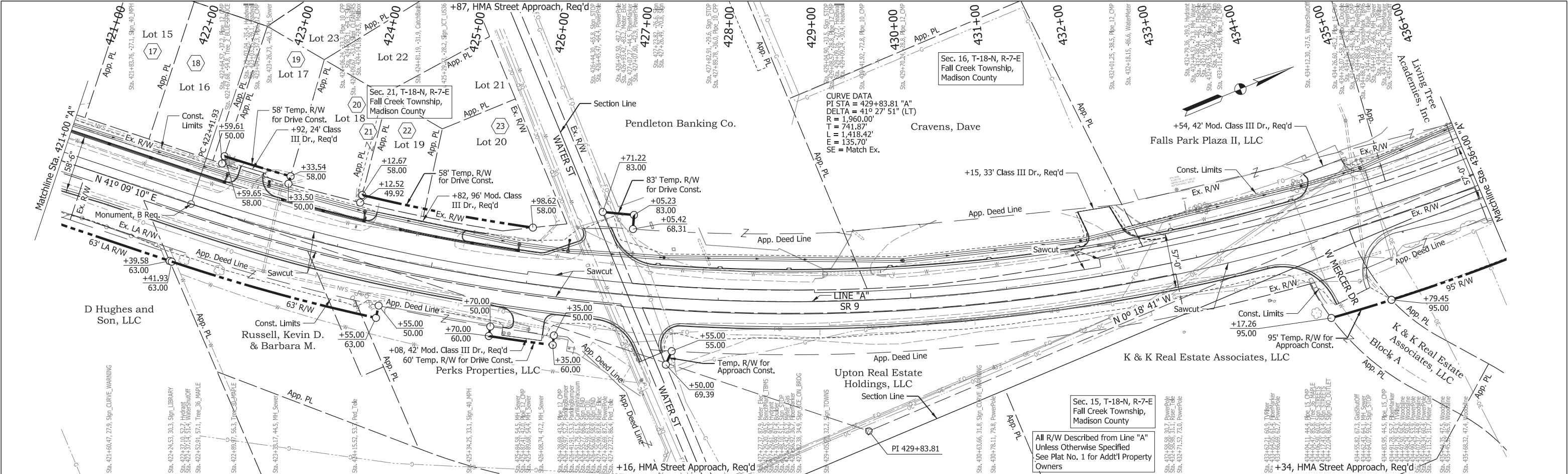
STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HMM	DRAWN: BDM	
CHECKED: SMS	CHECKED: MJV	

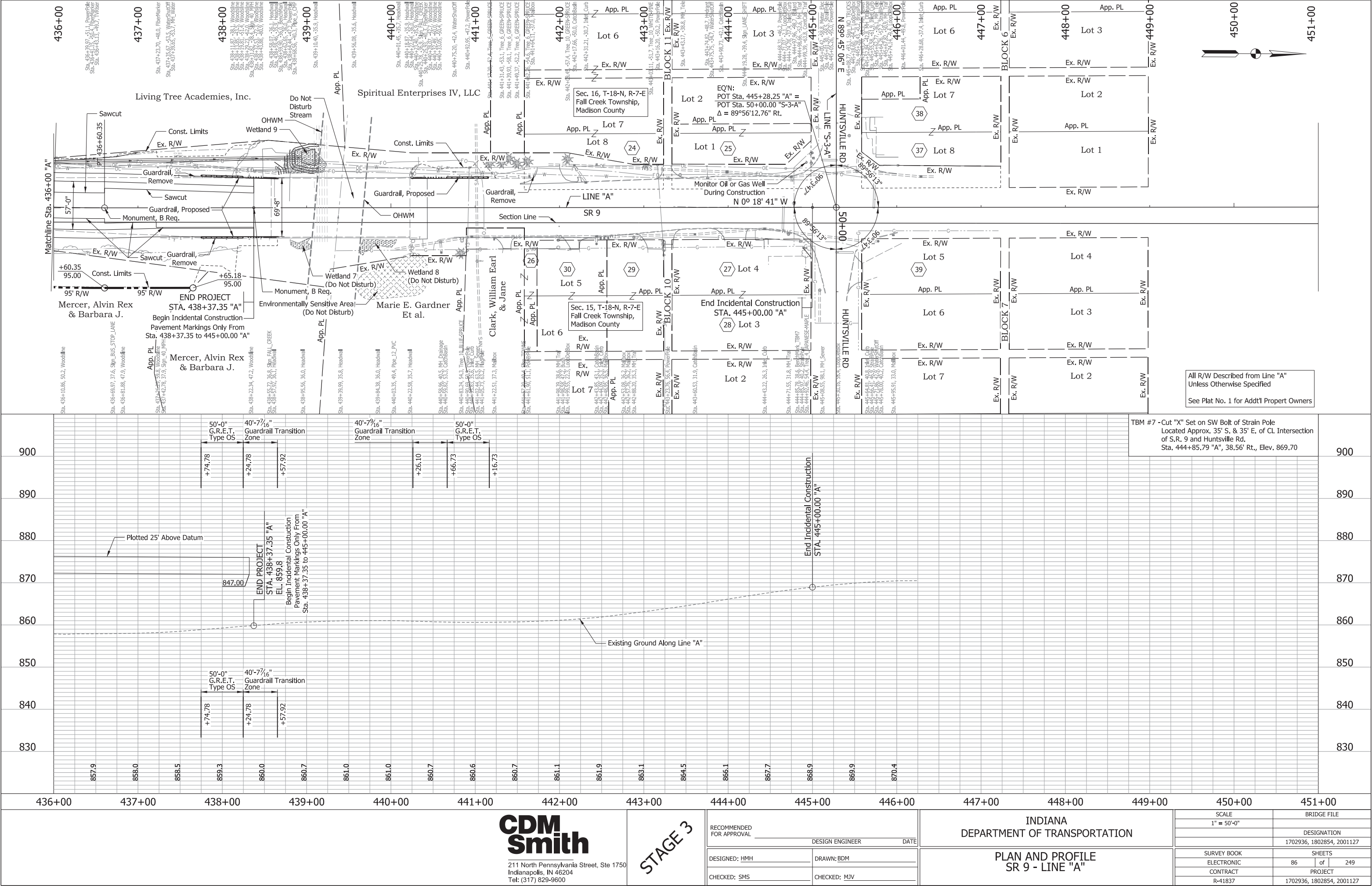
INDIANA
DEPARTMENT OF TRANSPORTATION

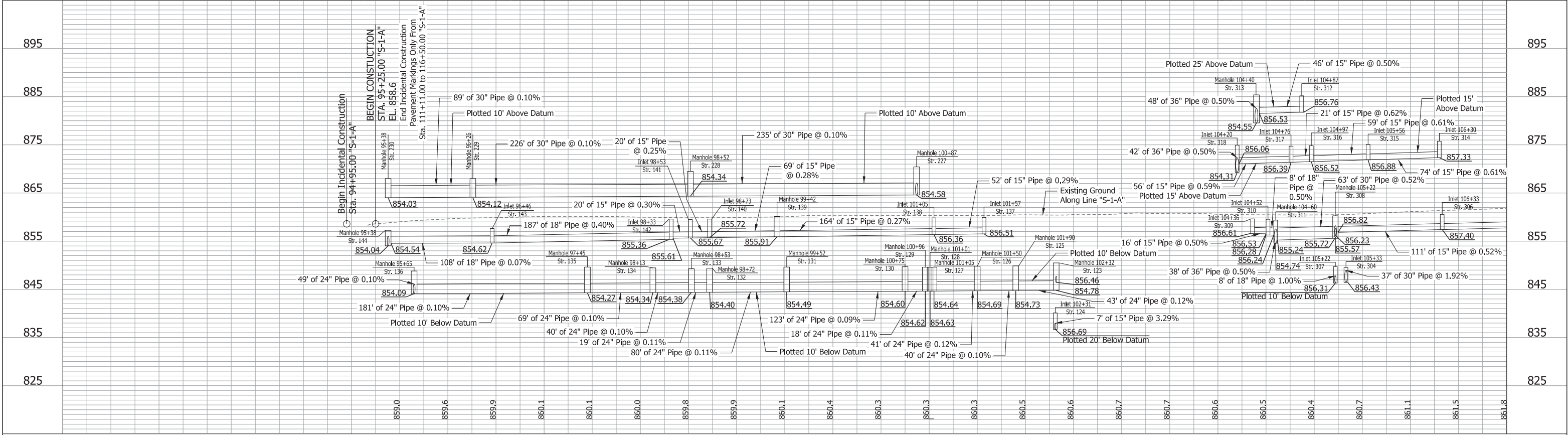
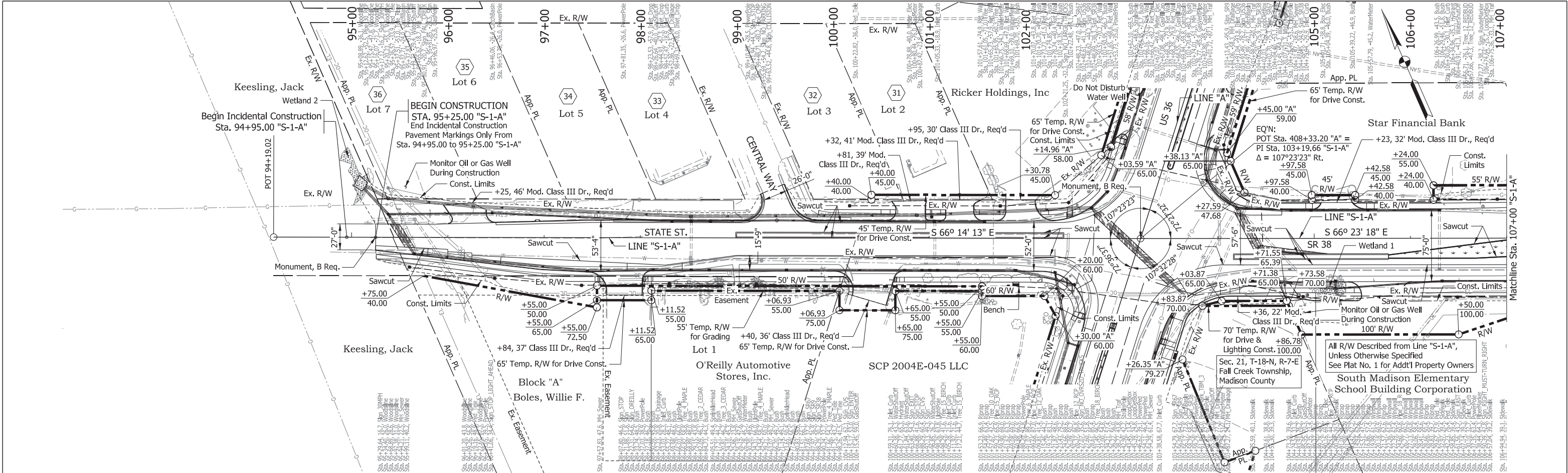
PLAN AND PROFILE
US 36 - LINE "A"

SCALE 1" = 50'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	83 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127

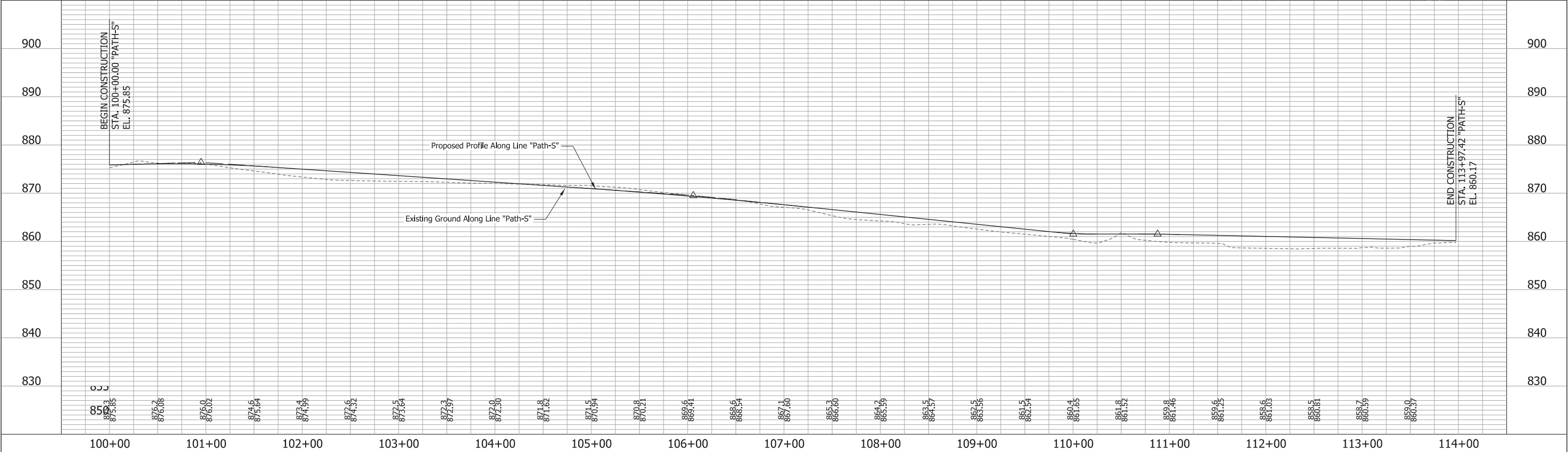
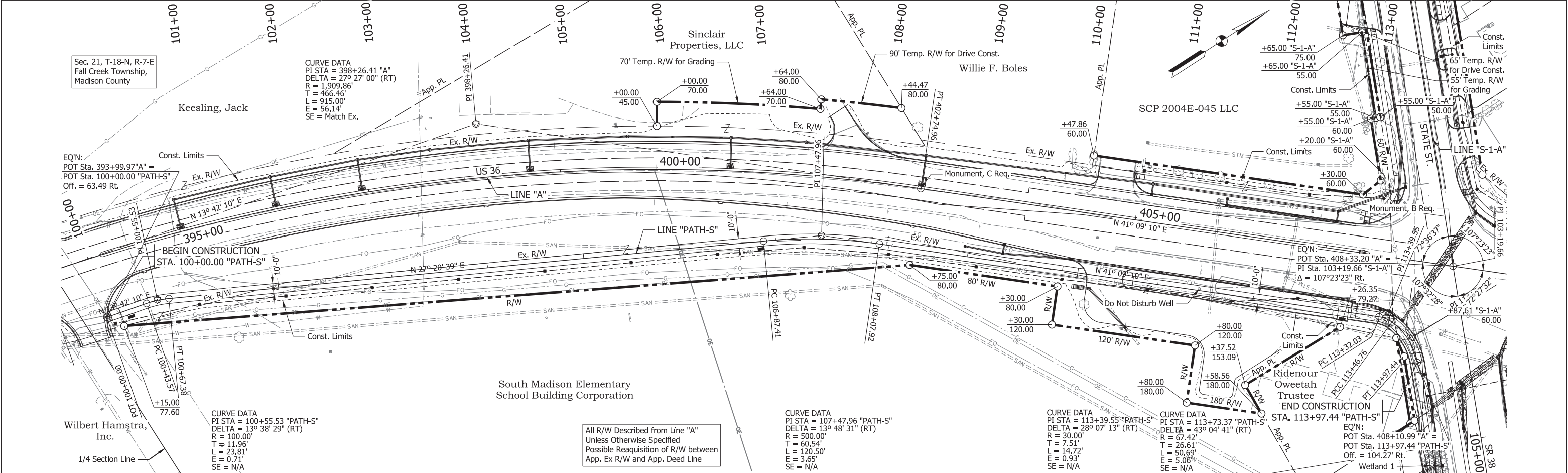


CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600 STAGE 3	RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 50'-0"		BRIDGE FILE	
	DESIGNED: <u>HMH</u>		DRAWN: <u>BDM</u>		PLAN AND PROFILE SR 9 - LINE "A"		SURVEY BOOK		SHEETS	
	CHECKED: <u>SMS</u>		CHECKED: <u>MJV</u>				ELECTRONIC		85 of 243	
							CONTRACT		PROJECT	
							R-41837		1702936, 1802854, 2001127	





 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600		STAGE 3		RECOMMENDED FOR APPROVAL _____ DESIGNED: HMH CHECKED: SMS		DESIGN ENGINEER _____ DRAWN: BDM CHECKED: MJV		INDIANA DEPARTMENT OF TRANSPORTATION PLAN AND PROFILE SR 38 / STATE STREET- LINE "S-1-A"		HORIZONTAL SCALE 1" = 50'-0" VERTICAL SCALE 1" = 10'-0"		BRIDGE FILE DESIGNATION 1702936, 1802854, 2001127		SURVEY BOOK ELECTRONIC CONTRACT R-41837		SHEETS 87 of 243 PROJECT 1702936, 1802854, 2001127	
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STAGE 3

RECOMMENDED FOR APPROVAL
DESIGNED: HMH
CHECKED: SMS

DESIGN ENGINEER
DRAWN: BDM
CHECKED: MJV

DATE

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
SHARED-USE PATH - LINE "PATH-S"

SCALE
1" = 50'-0"

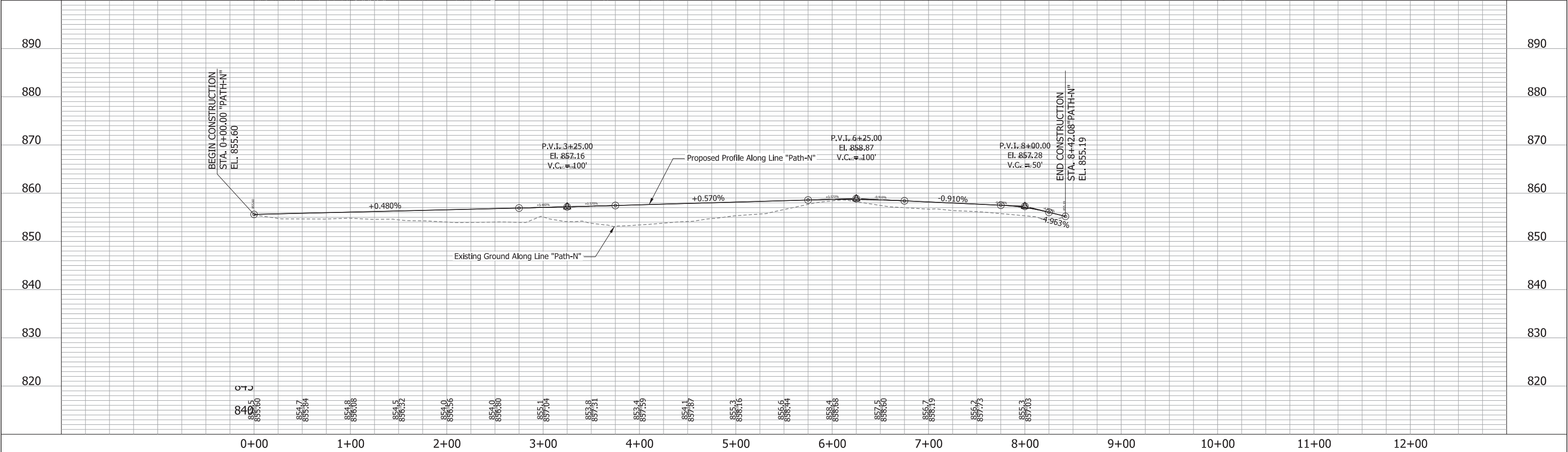
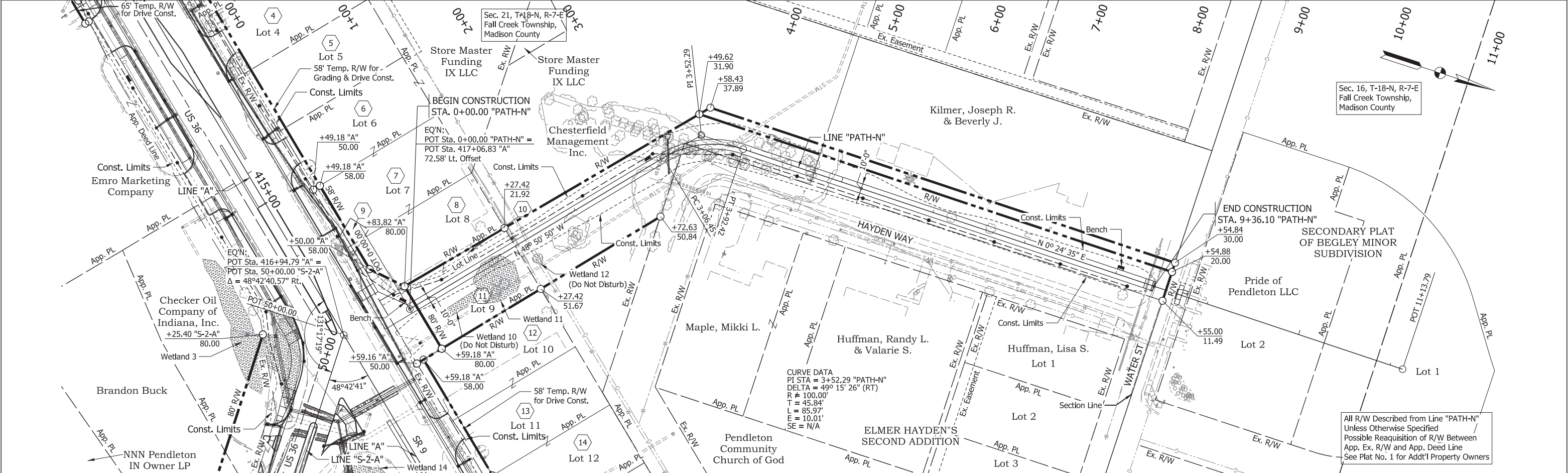
BRIDGE FILE
DESIGNATION
1702936, 1802854, 2001127

SURVEY BOOK
ELECTRONIC
CONTRACT
R-41837

SHEETS
90 of 243
PROJECT
1702936, 1802854, 2001127

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B-99





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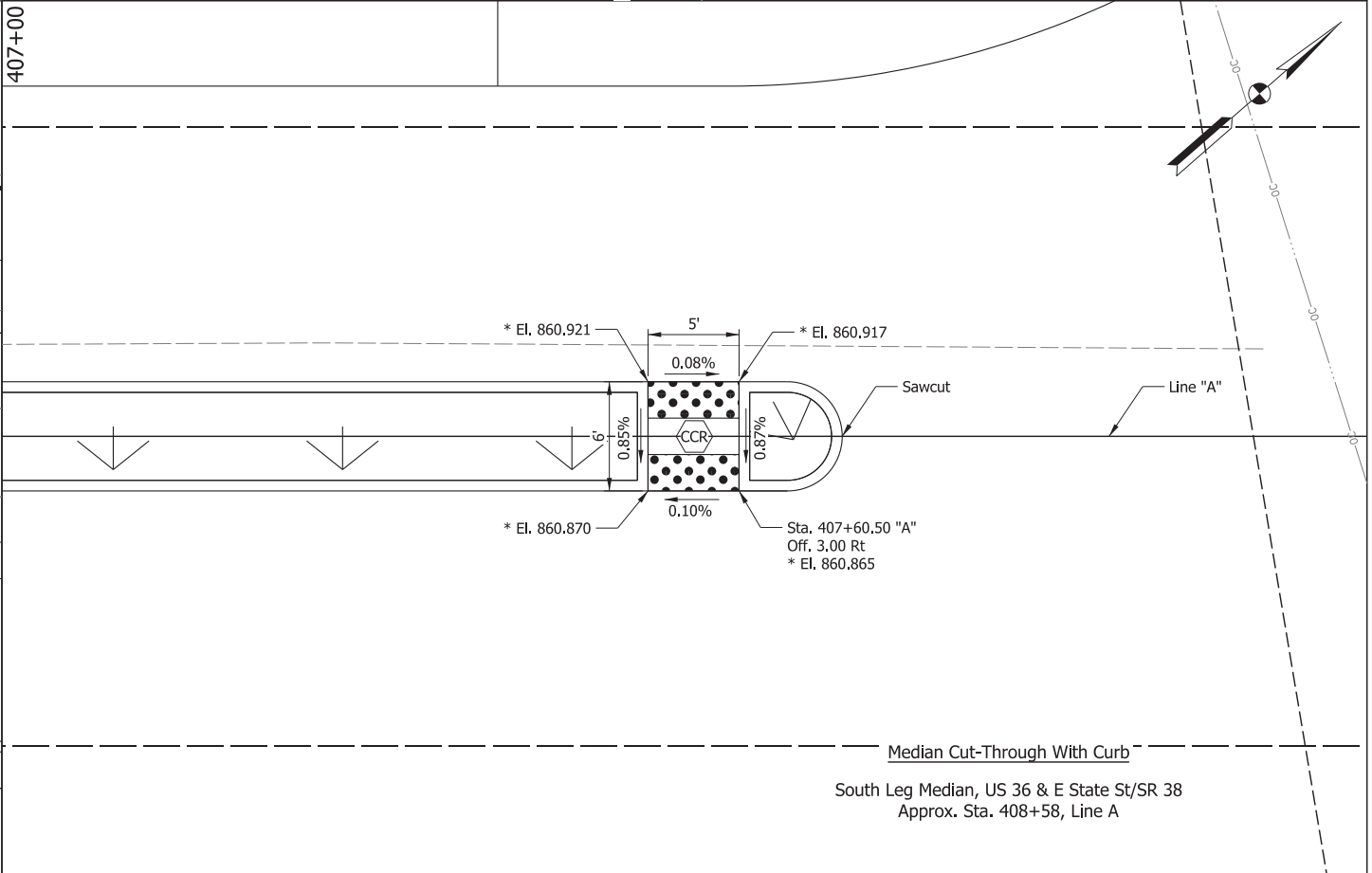
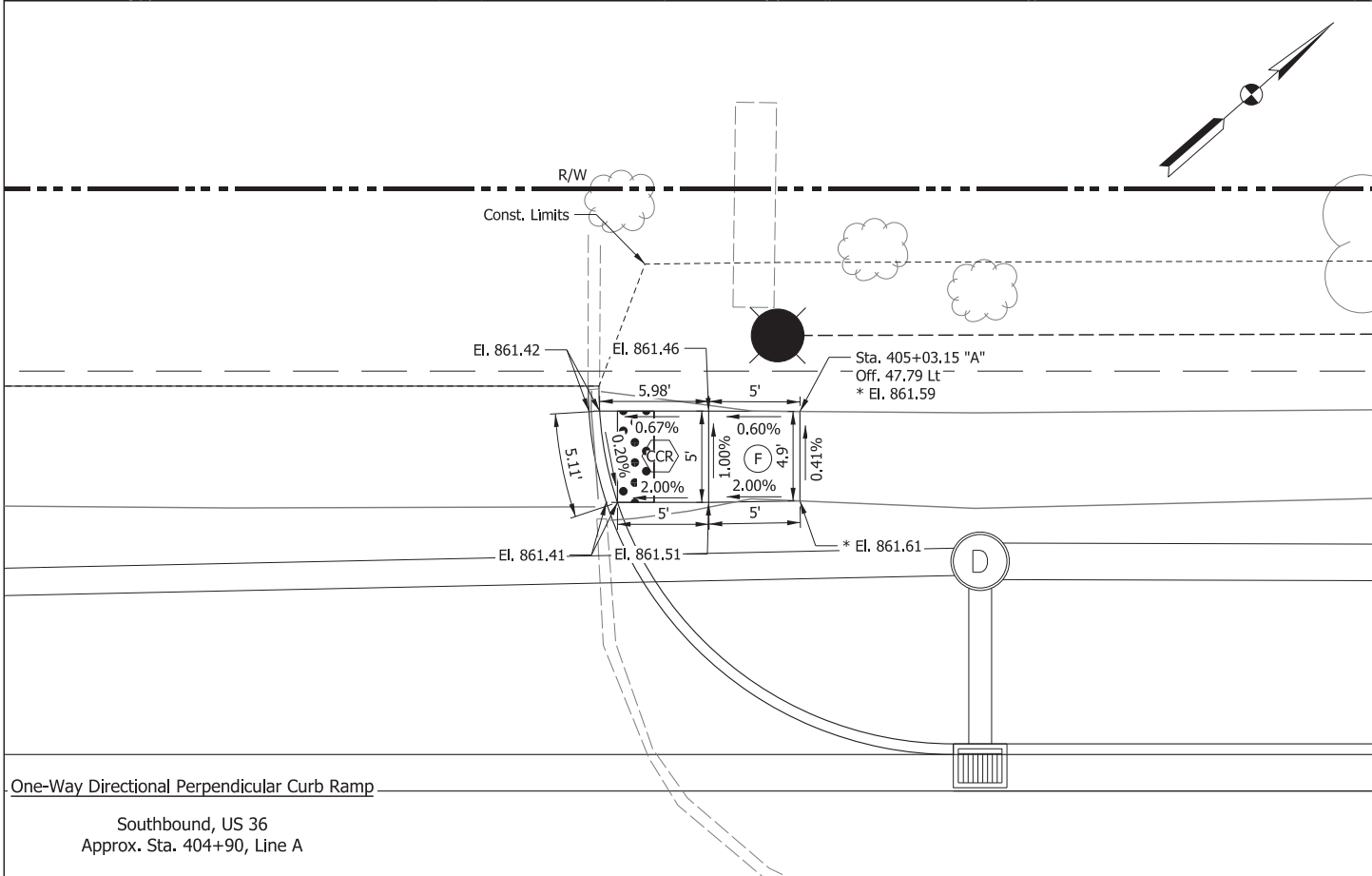
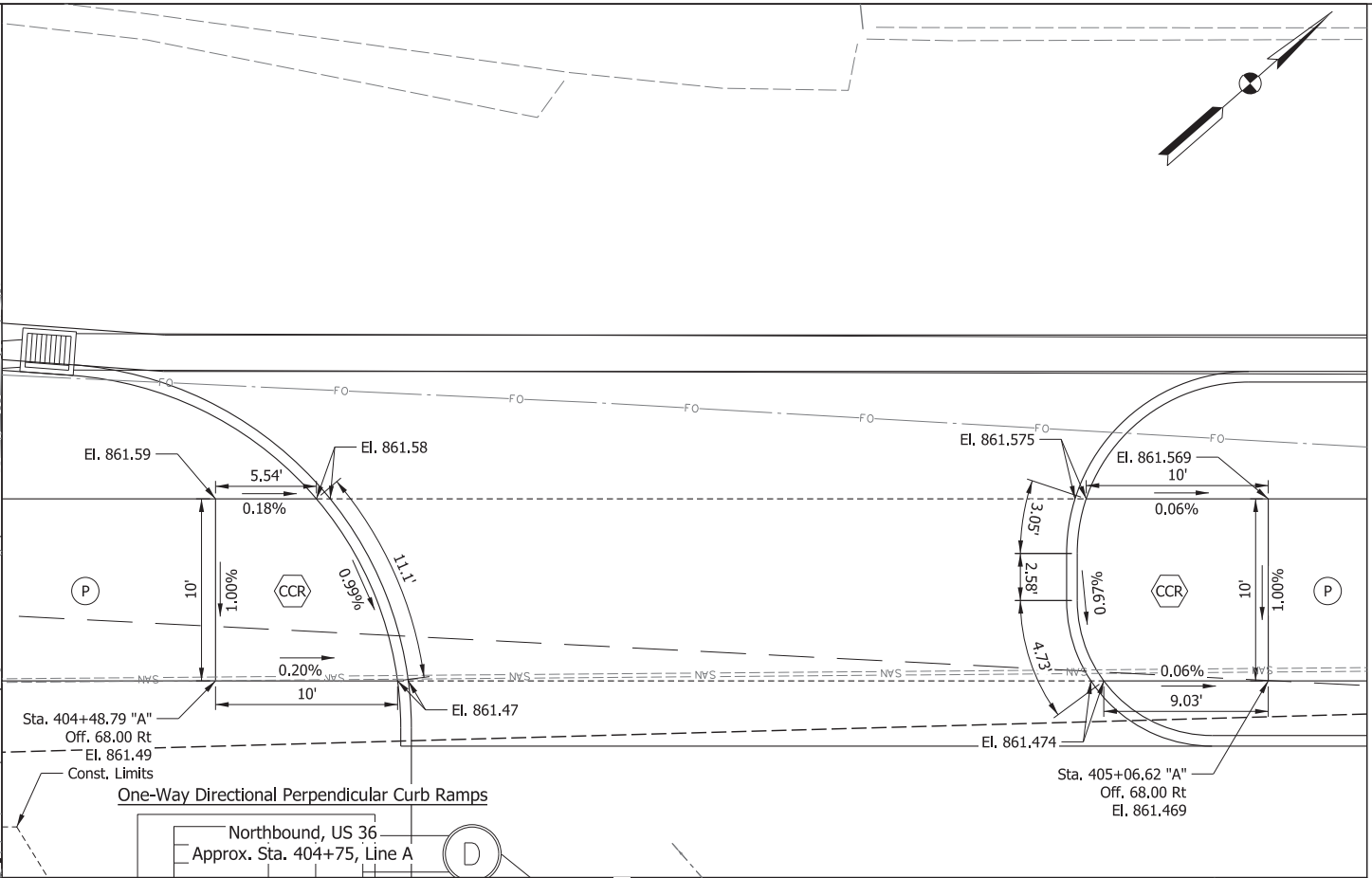
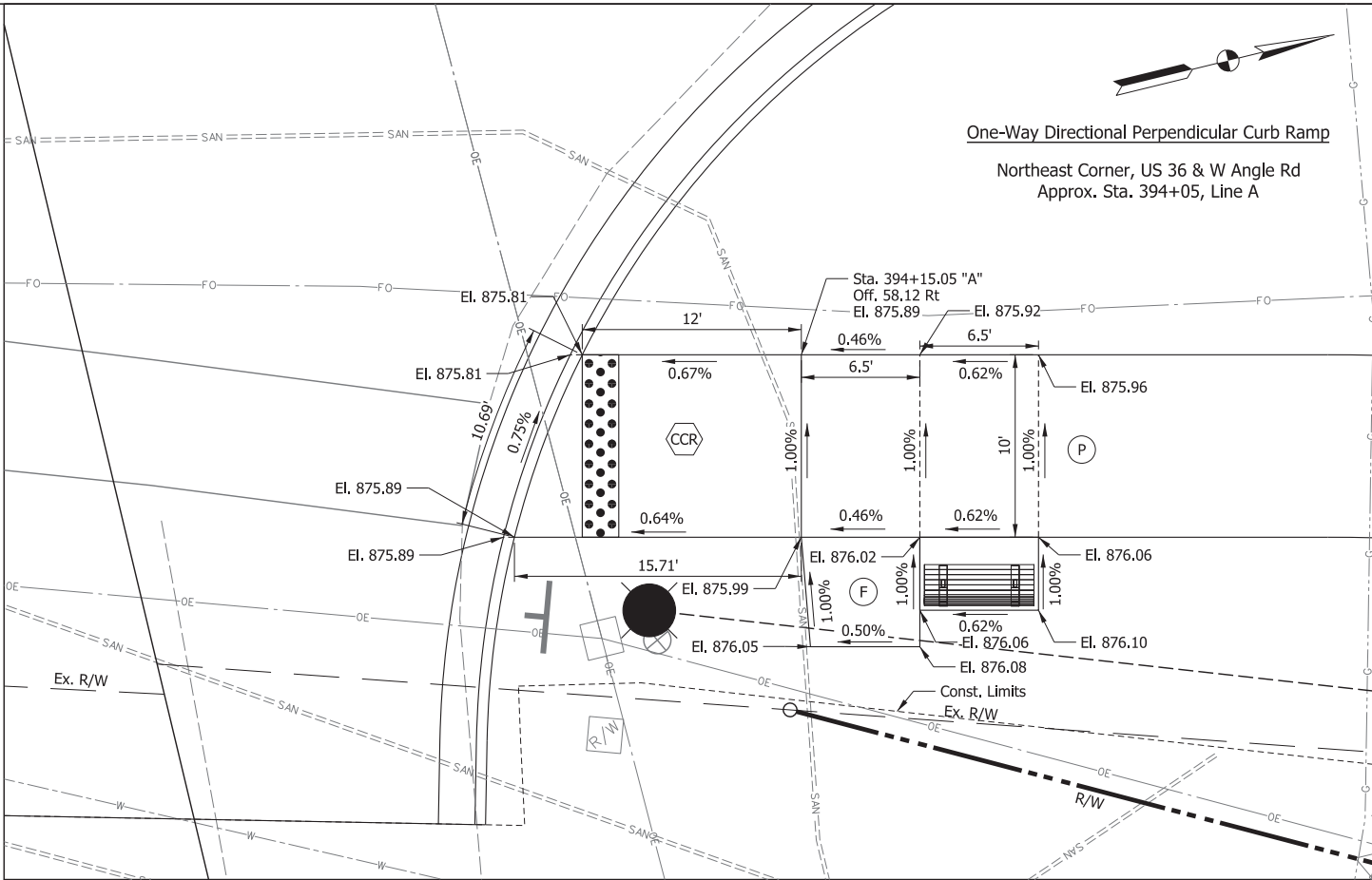
STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HMH	DRAWN: BDM	
CHECKED: SMS	CHECKED: MJV	

INDIANA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
SHARED-USE PATH - LINE "PATH-N"

SCALE 1" = 50'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	90 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



LEGEND

(P) Multi-Use Path

(F) Sidewalk, Concrete

TS Turning Space

CCR Concrete Curb Ramp

* Match Existing Elevation

◼ Detectable Warning Surfaces

◼ Sidewalk Concrete, Remove

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STAGE 3

RECOMMENDED FOR APPROVAL _____

DESIGN ENGINEER _____ DATE _____

DESIGNED: HMM _____ DRAWN: BDM _____

CHECKED: SMS _____ CHECKED: MJV _____

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
US 36 / SR 9 - Line "A"

SCALE
1" = 5'-0"

BRIDGE FILE

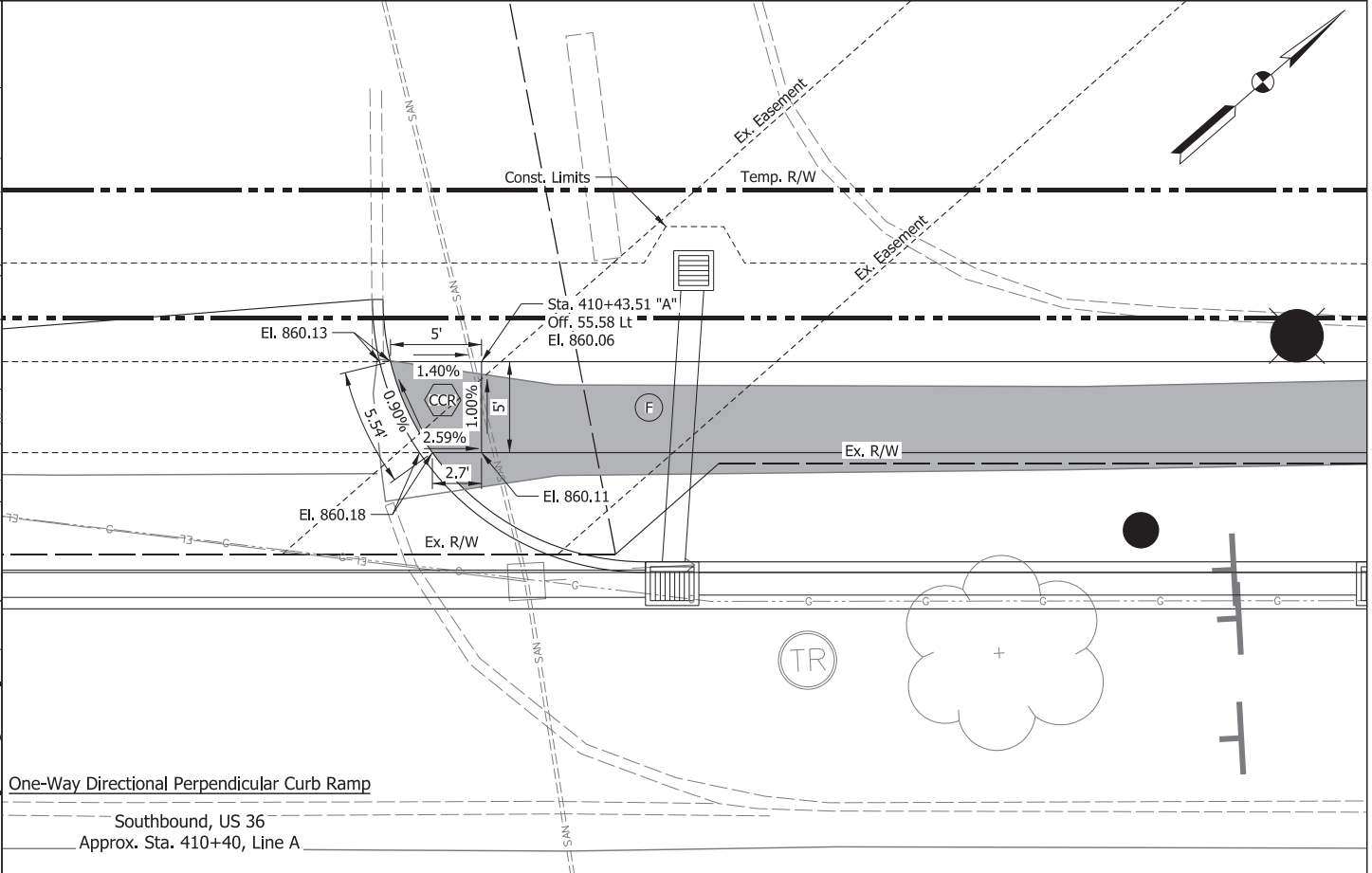
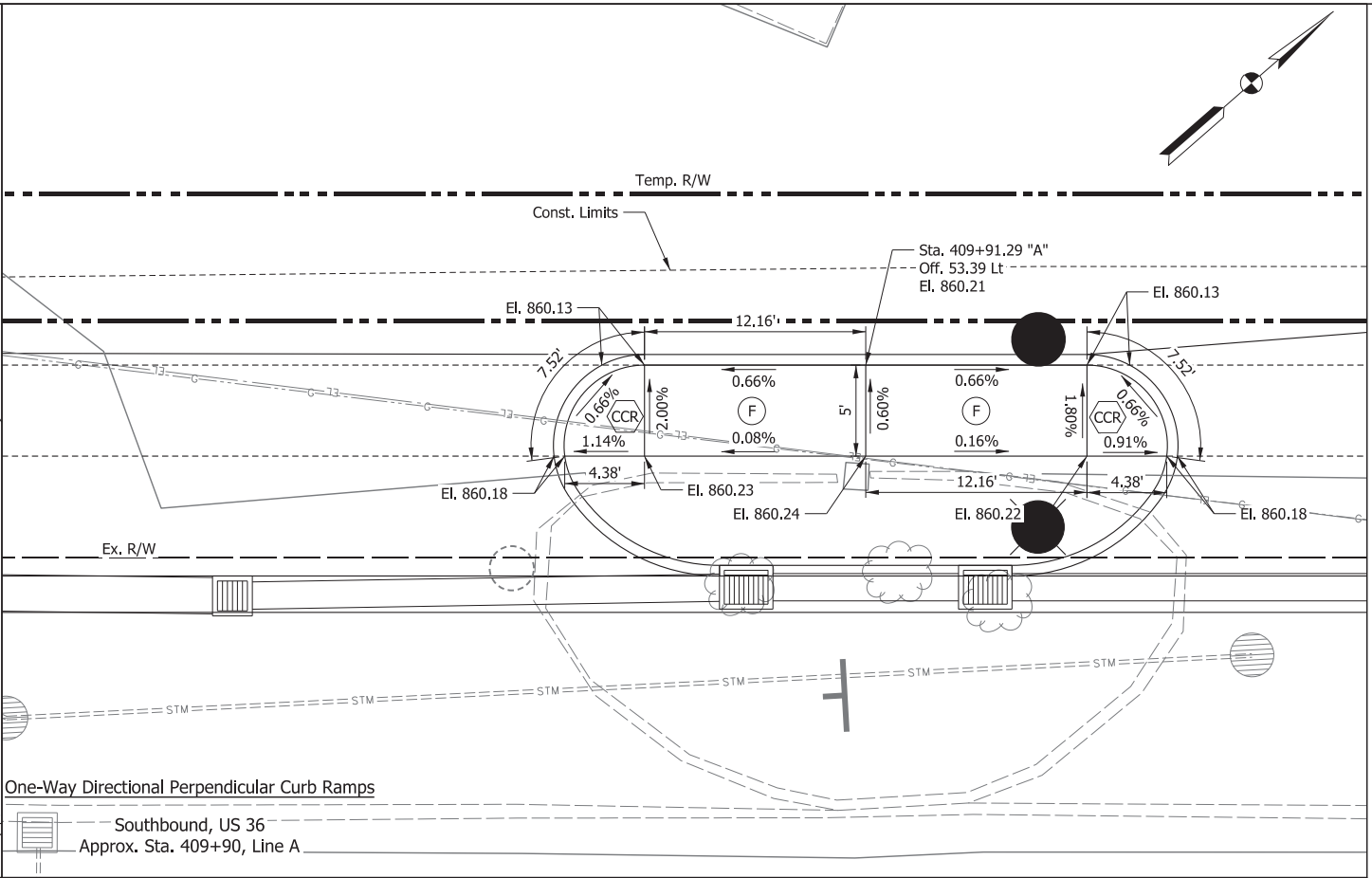
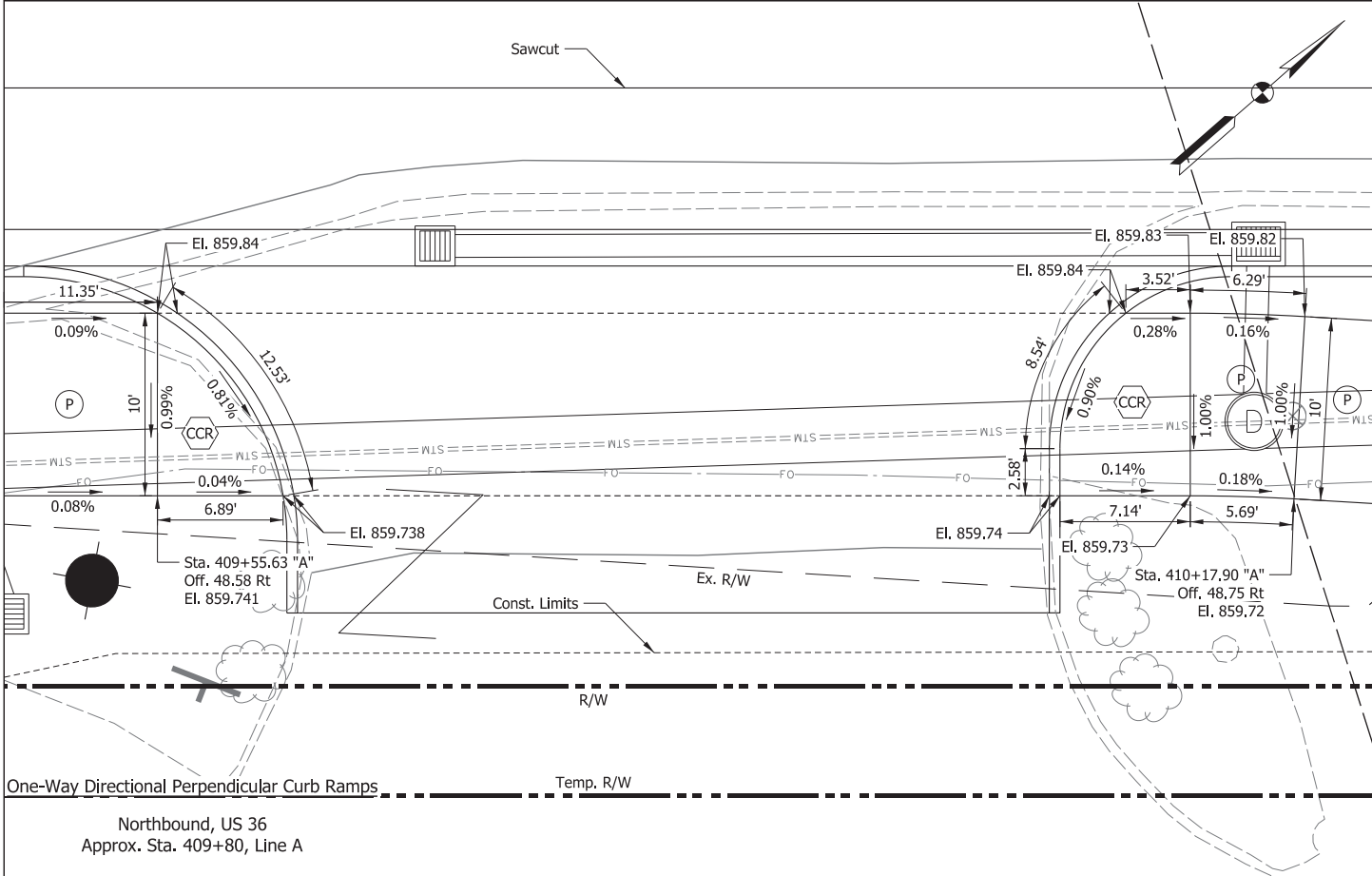
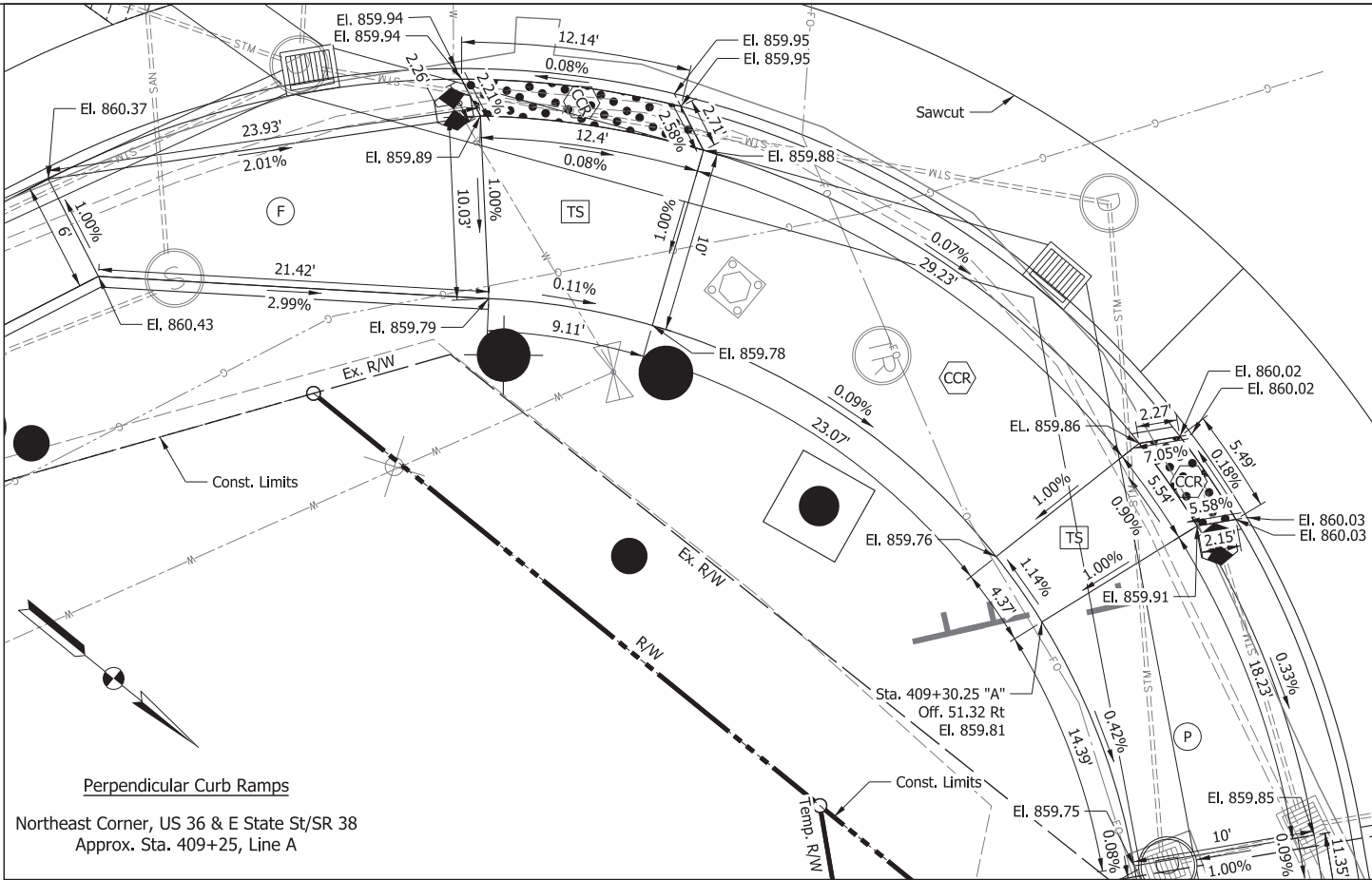
DESIGNATION
1702936, 1802854, 2001127

SURVEY BOOK
ELECTRONIC
CONTRACT
R-41837

SHEETS
119 of 243
PROJECT
1702936, 1802854, 2001127

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B-101



LEGEND

- (P) Multi-Use Path
- (F) Sidewalk, Concrete
- (TS) Turning Space
- (CCR) Concrete Curb Ramp
- * Match Existing Elevation
- (Pattern) Detectable Warning Surfaces
- (Shaded) Sidewalk Concrete, Remove

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STAGE 3

RECOMMENDED FOR APPROVAL _____

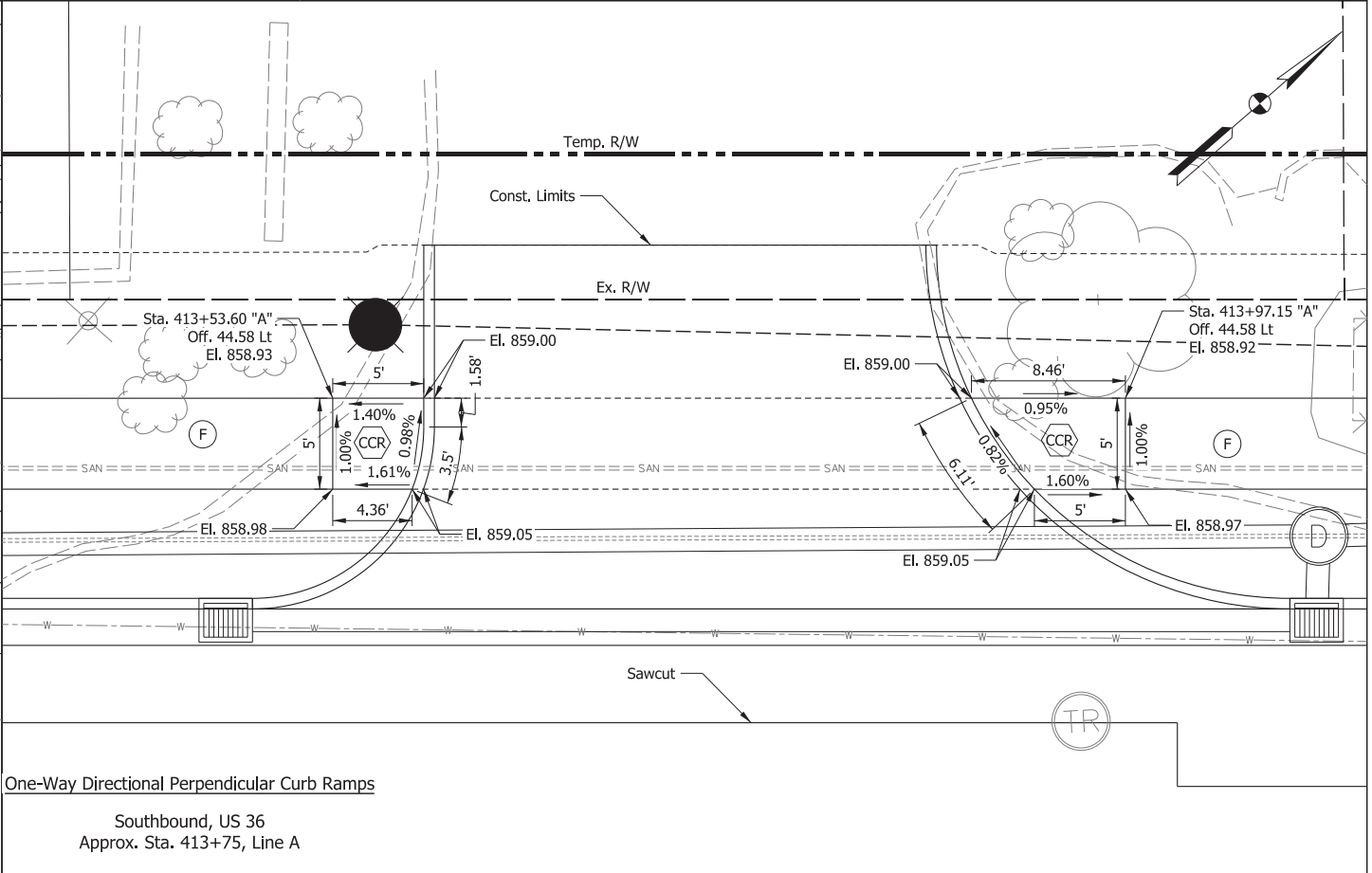
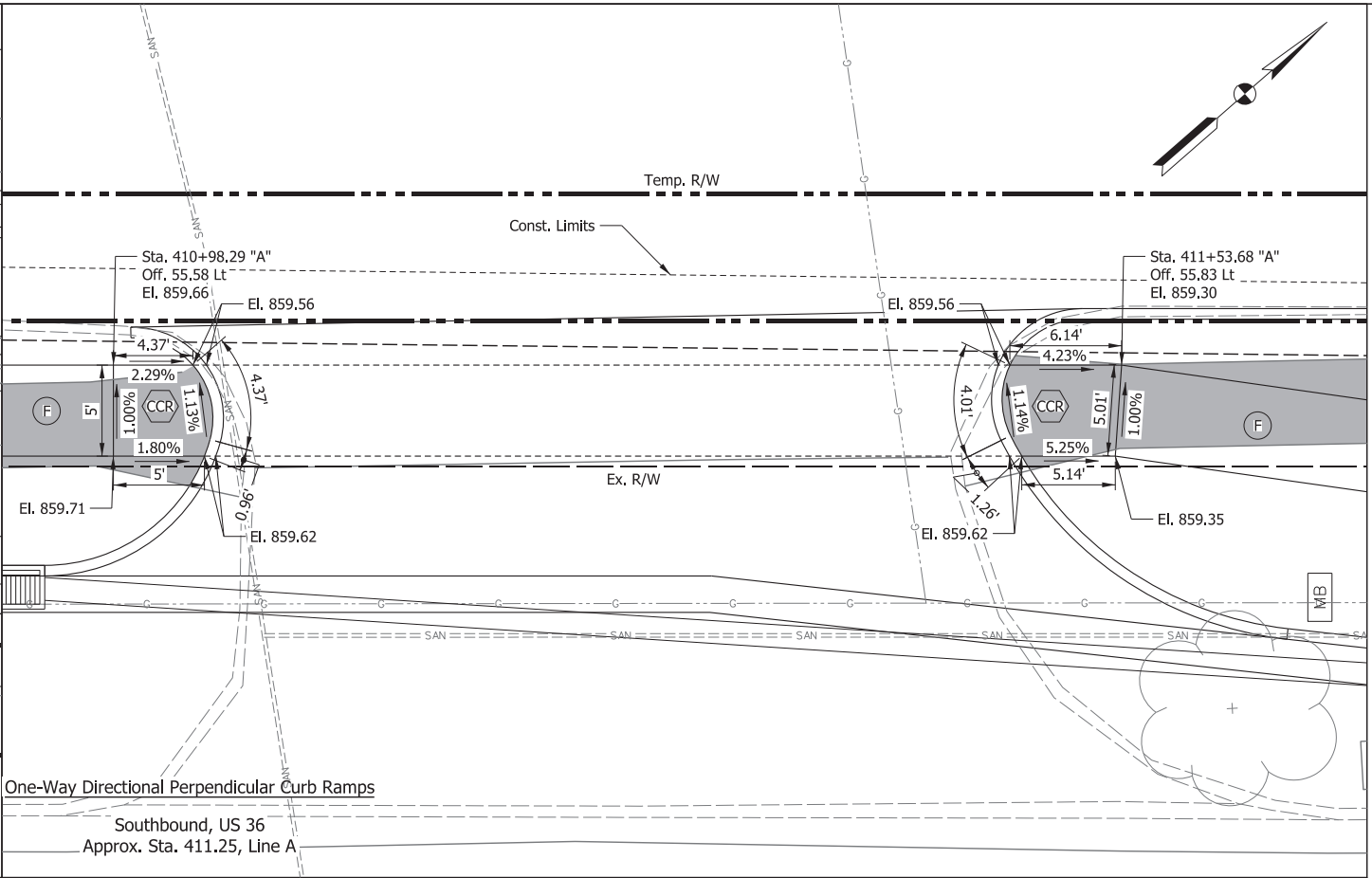
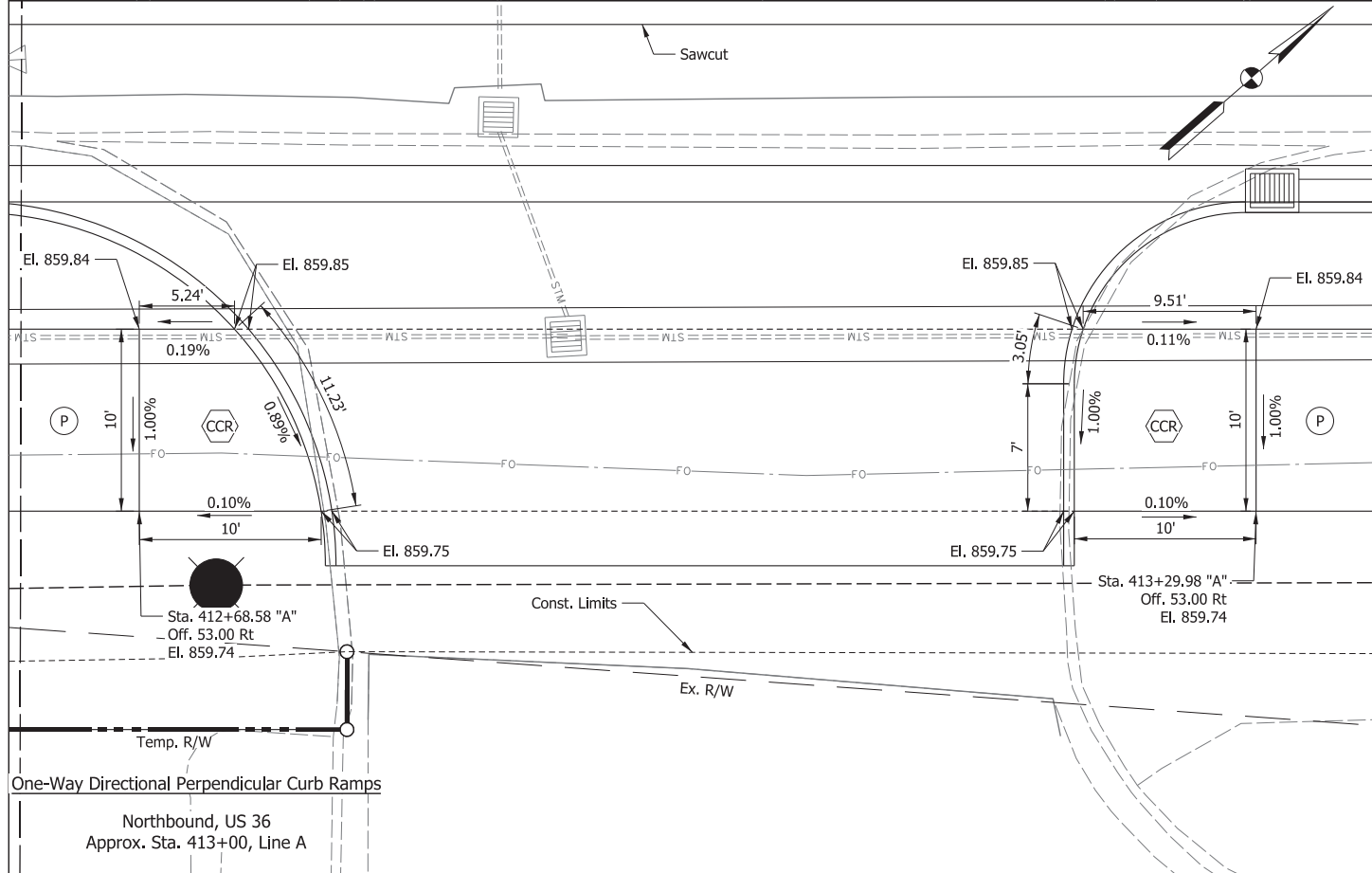
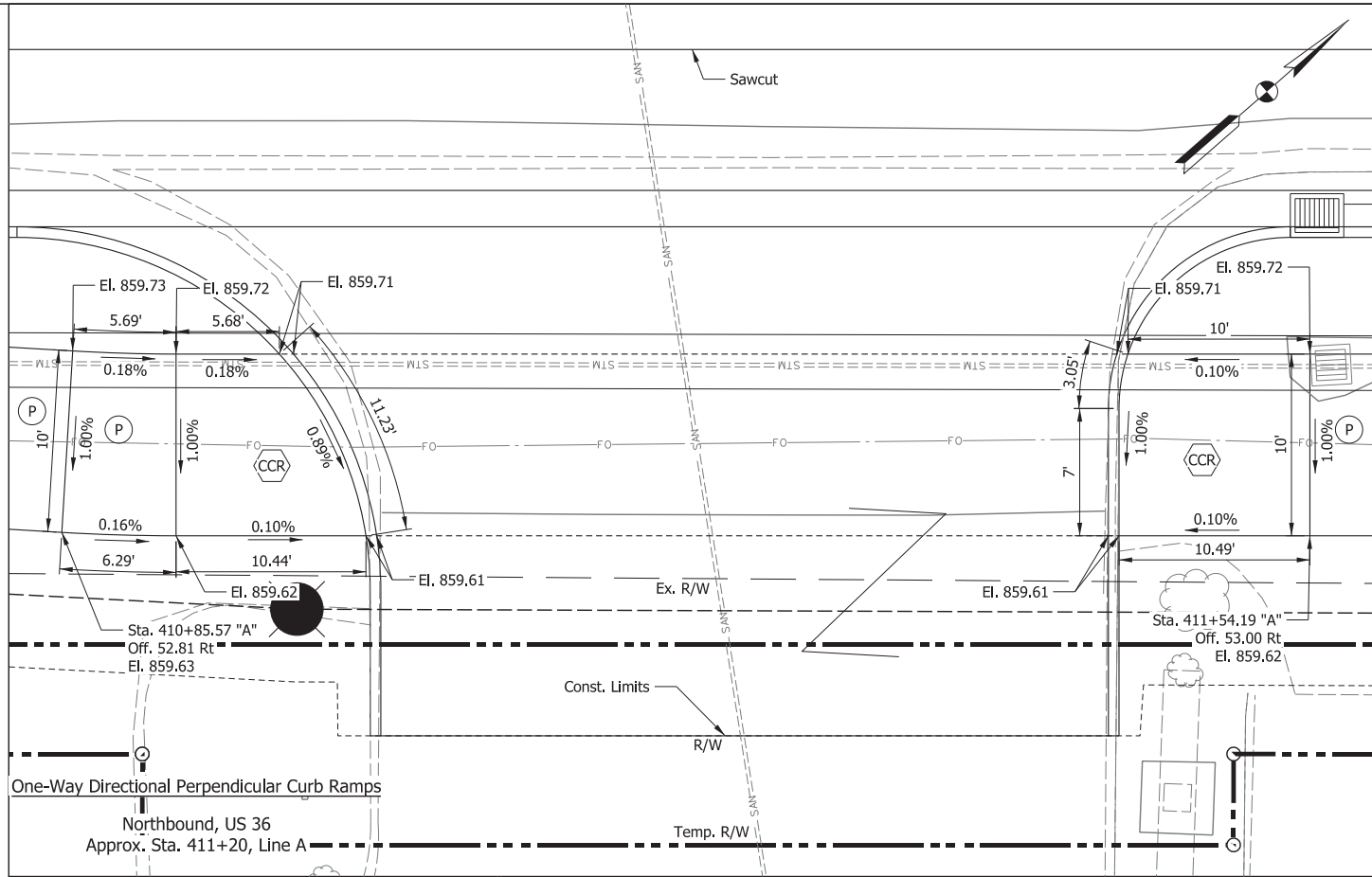
DESIGNED: HMM DRAWN: BDM

CHECKED: SMS CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
US 36 / SR 9 - Line "A"

SCALE 1" = 5'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	121 of 243
CONTRACT R-41837	PROJECT 1702936, 1802854, 2001127



LEGEND	
(P)	Multi-Use Path
(F)	Sidewalk, Concrete
TS	Turning Space
CCR	Concrete Curb Ramp
*	Match Existing Elevation
◼	Detectable Warning Surfaces
◼	Sidewalk Concrete, Remove

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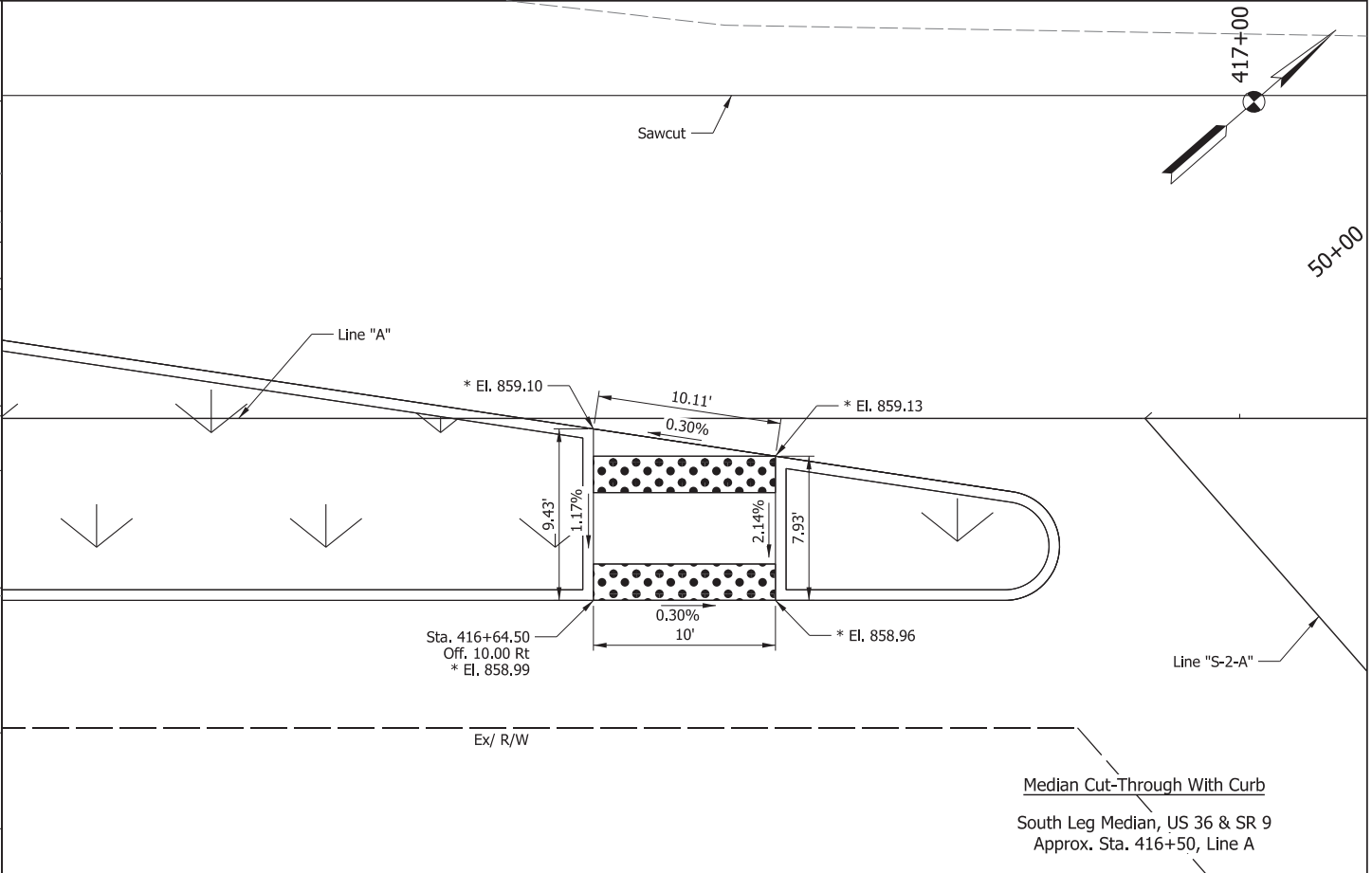
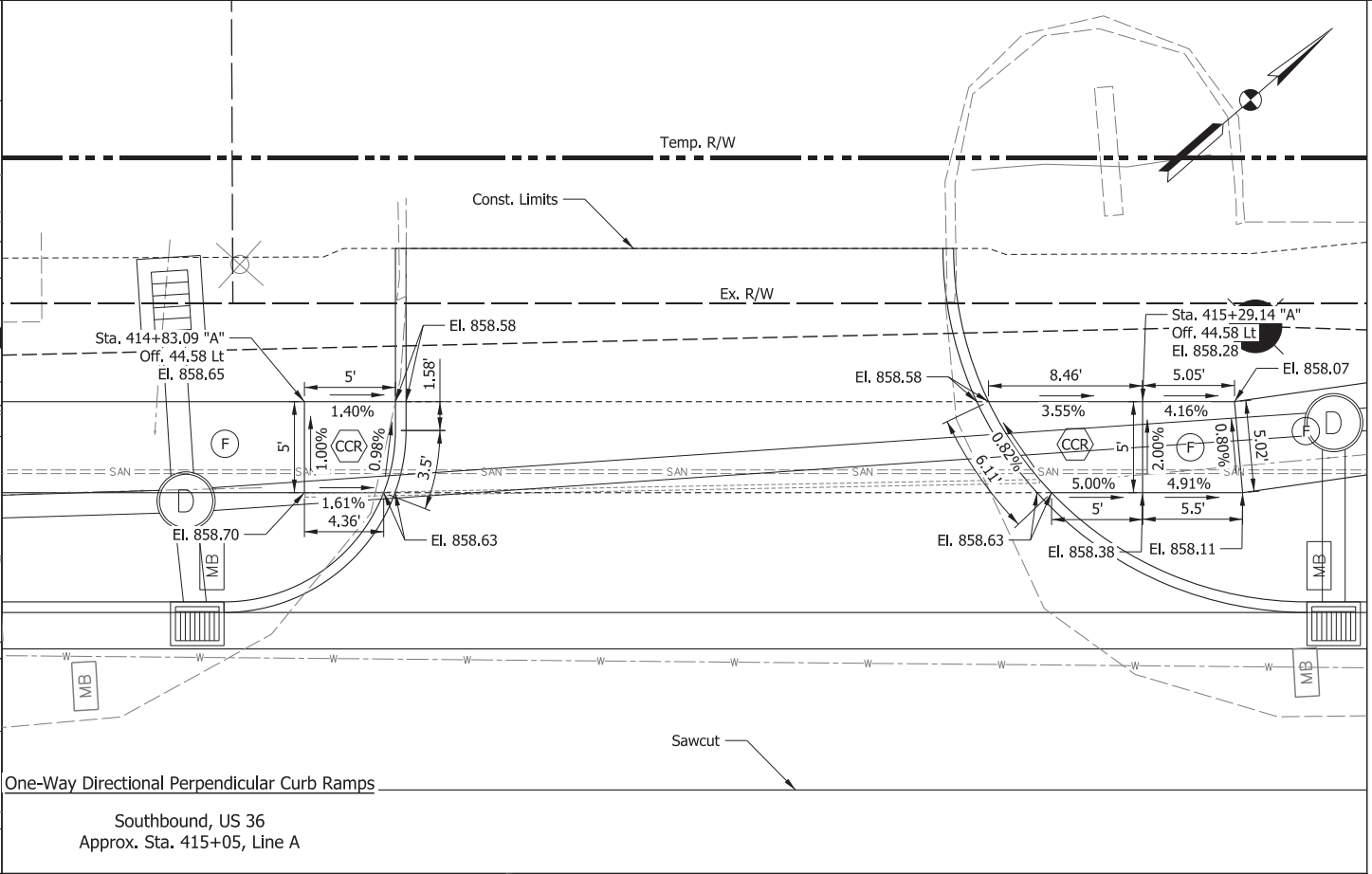
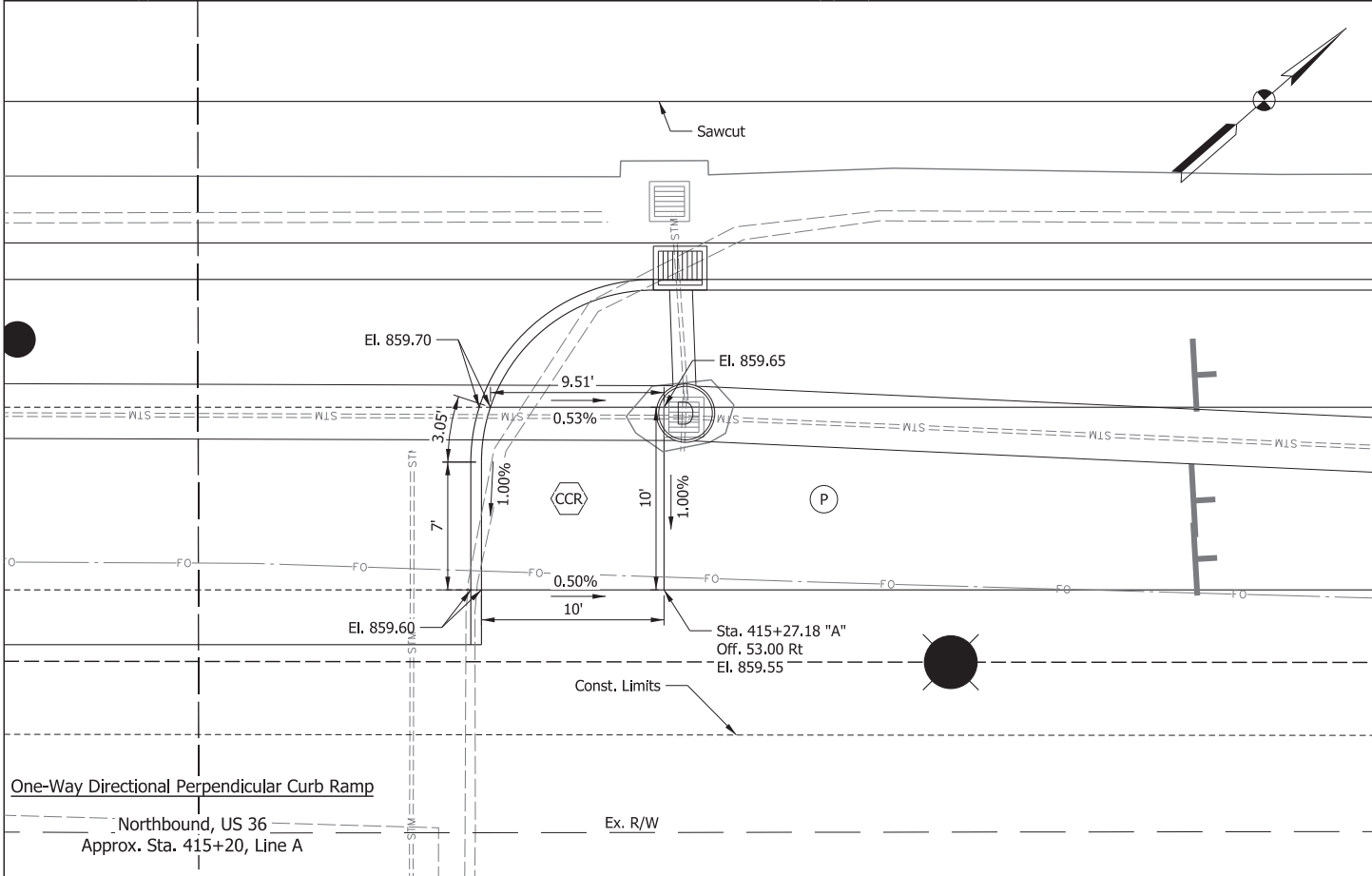
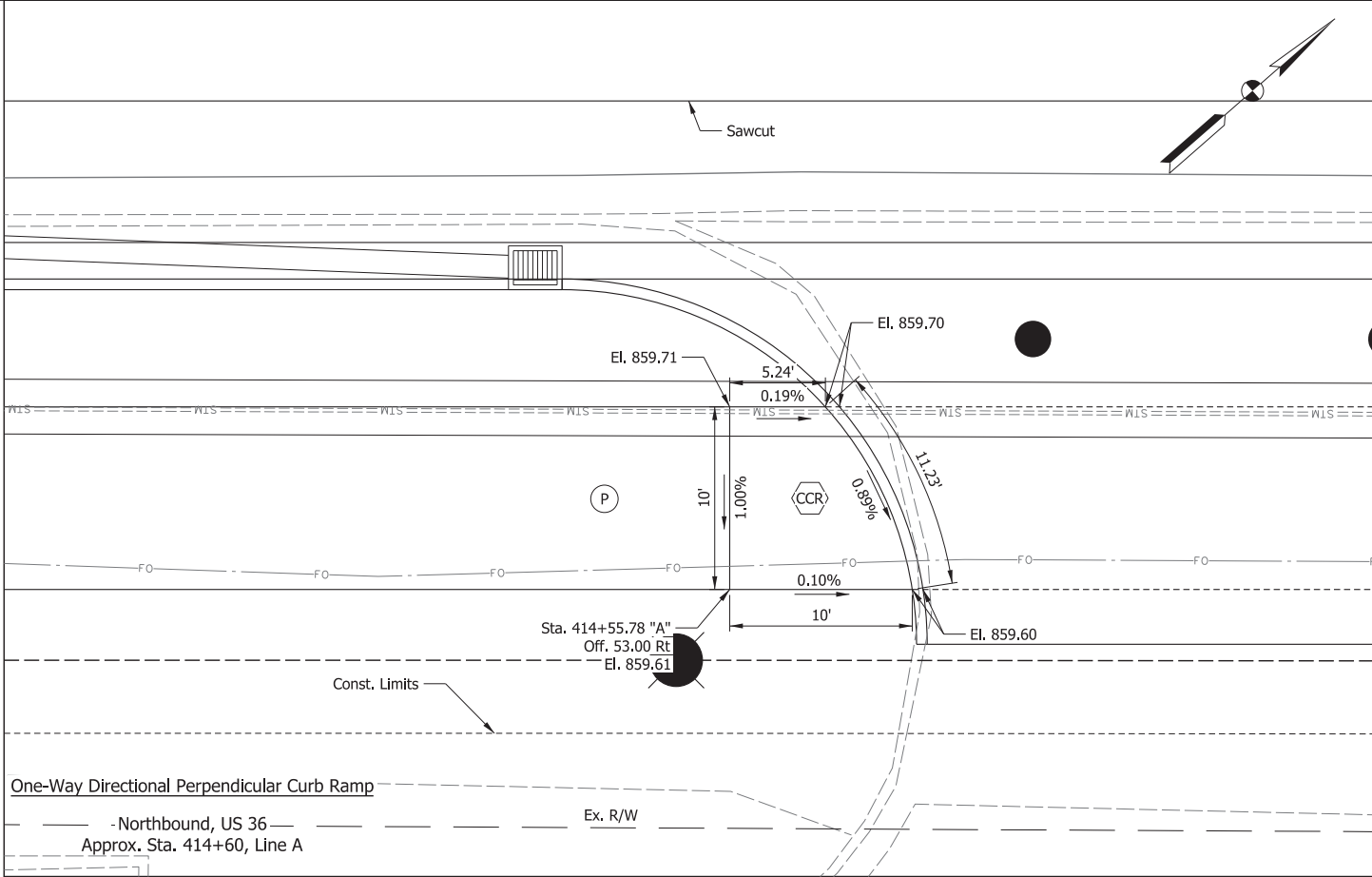
STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HMM	DRAWN: BDM	
CHECKED: SMS	CHECKED: MJV	

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
US 36 / SR 9 - Line "A"

SCALE		BRIDGE FILE	
		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		122	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	



LEGEND

(P)

Multi-Use Path

(F)

Sidewalk, Concrete

(TS)

Turning Space

CCR

Concrete Curb Ramp

*

Match Existing Elevation

◼

Detectable Warning Surfaces

◼

Sidewalk Concrete, Remove

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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGNED: HMM

CHECKED: SMS

DESIGN ENGINEER

DRAWN: BDM

CHECKED: MJV

DATE

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
US 36/SR 9 - Line "A"

SCALE
1" = 5'-0"

BRIDGE FILE

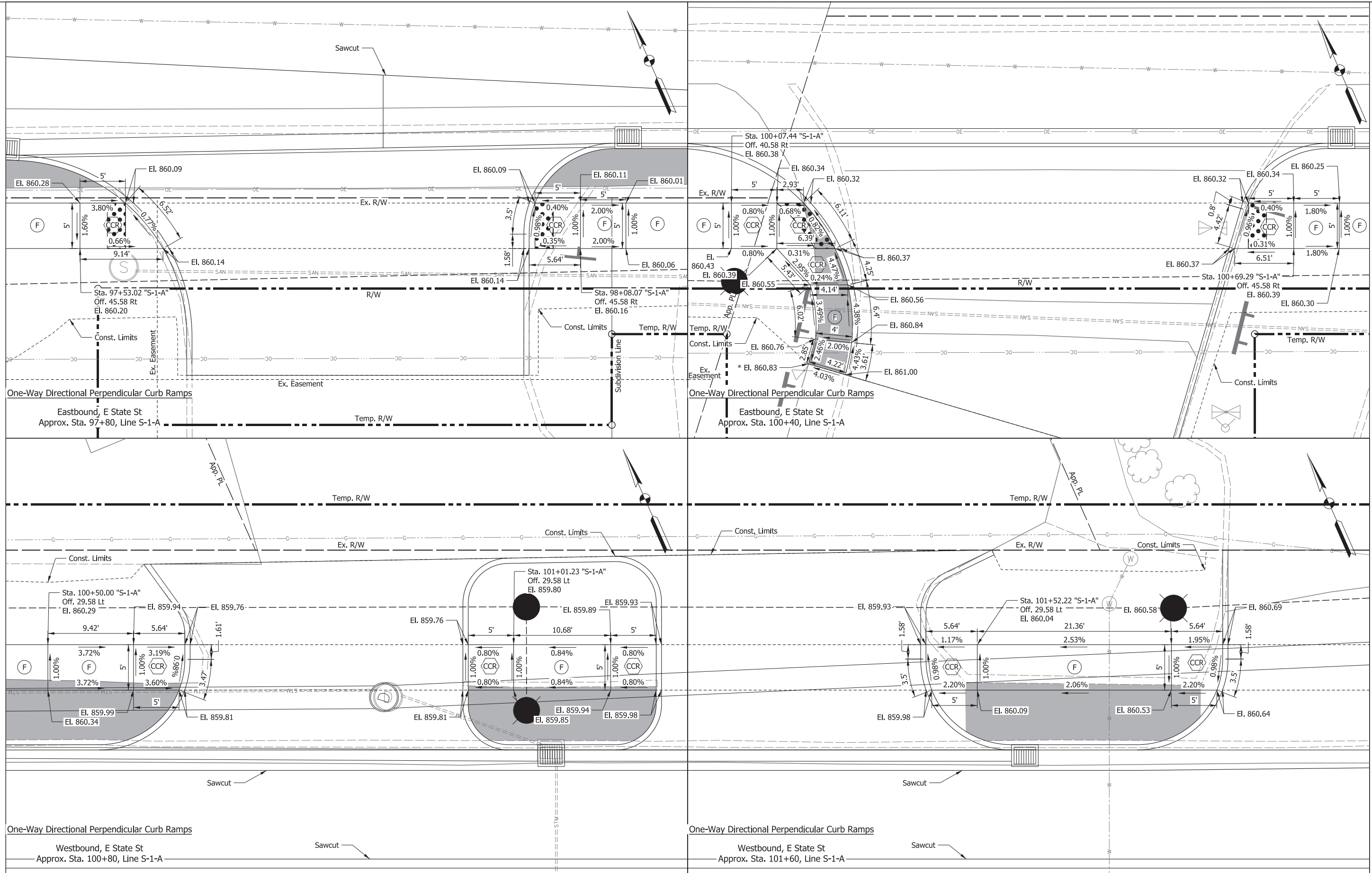
DESIGNATION
1702936, 1802854, 2001127

SURVEY BOOK
ELECTRONIC
CONTRACT
R-41837

SHEETS
123 of 243
PROJECT
1702936, 1802854, 2001127

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B-105



LEGEND

(P) Multi-Use Path

(F) Sidewalk, Concrete

(TS) Turning Space

CCR Concrete Curb Ramp

* Match Existing Elevation

◼ Detectable Warning Surfaces

◼ Sidewalk Concrete, Remove

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STAGE 3

RECOMMENDED FOR APPROVAL _____

DESIGN ENGINEER _____ DATE _____

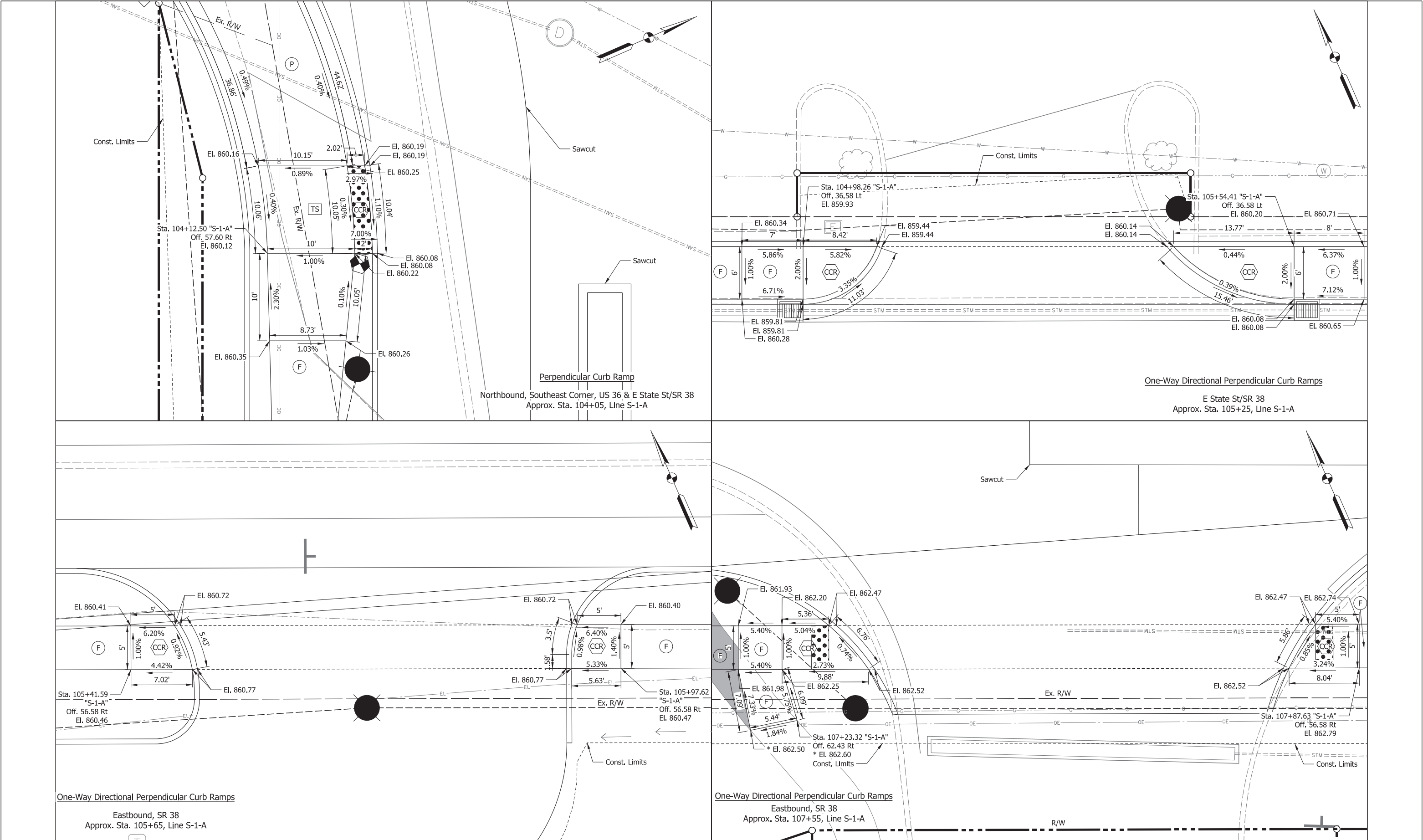
DESIGNED: HMM DRAWN: BDM

CHECKED: SMS CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

**CURB RAMP DETAILS
E STATE ST - Line "S-1-A"**

SCALE 1" = 5'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	125 of 243
CONTRACT R-41837	PROJECT 1702936, 1802854, 2001127



LEGEND

- (P) Multi-Use Path
- (F) Sidewalk, Concrete
- TS Turning Space
- CCR Concrete Curb Ramp
- * Match Existing Elevation
- ◼ Detectable Warning Surfaces
- ◼ Sidewalk Concrete, Remove

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Indianapolis, IN 46204
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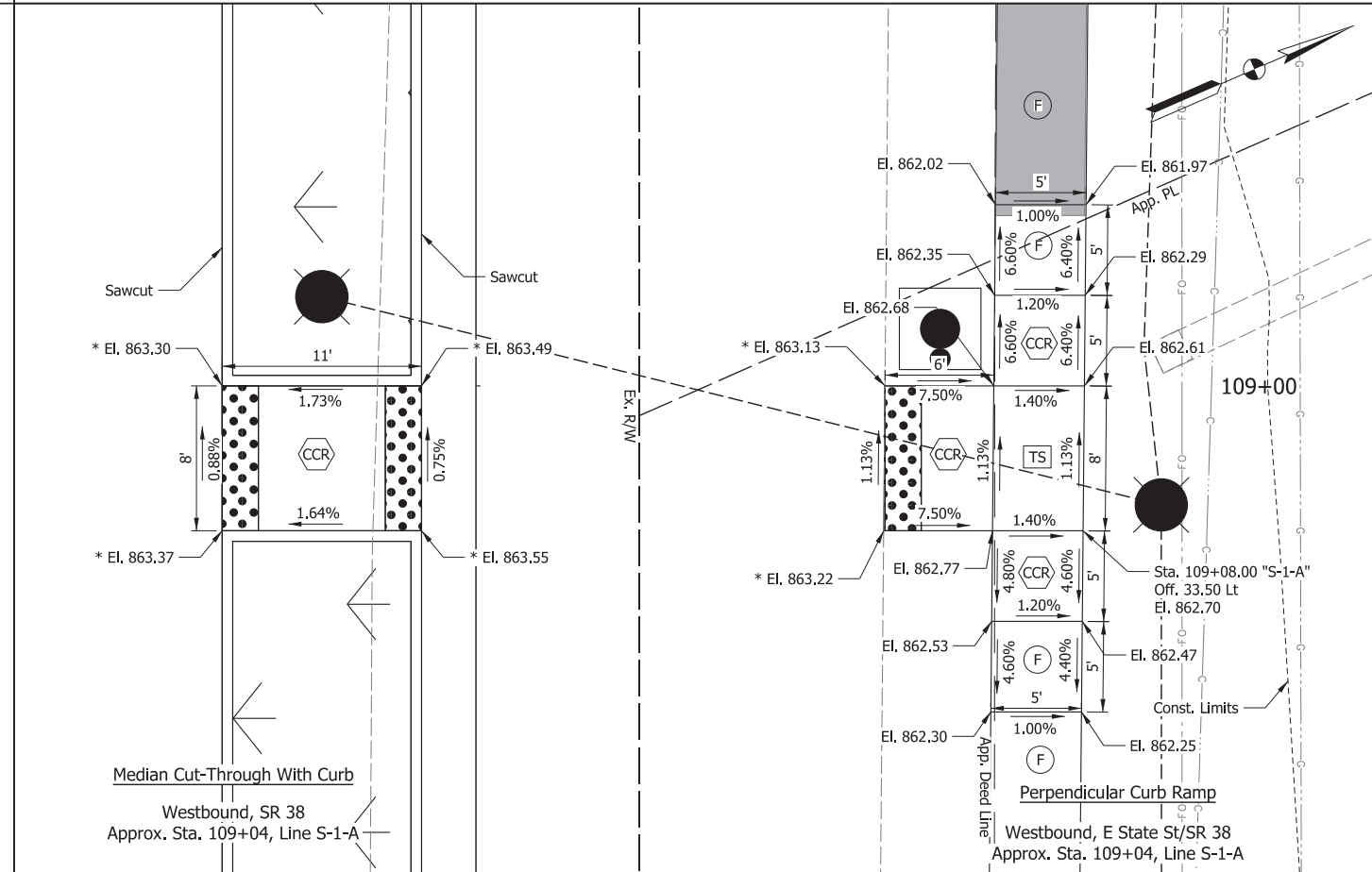
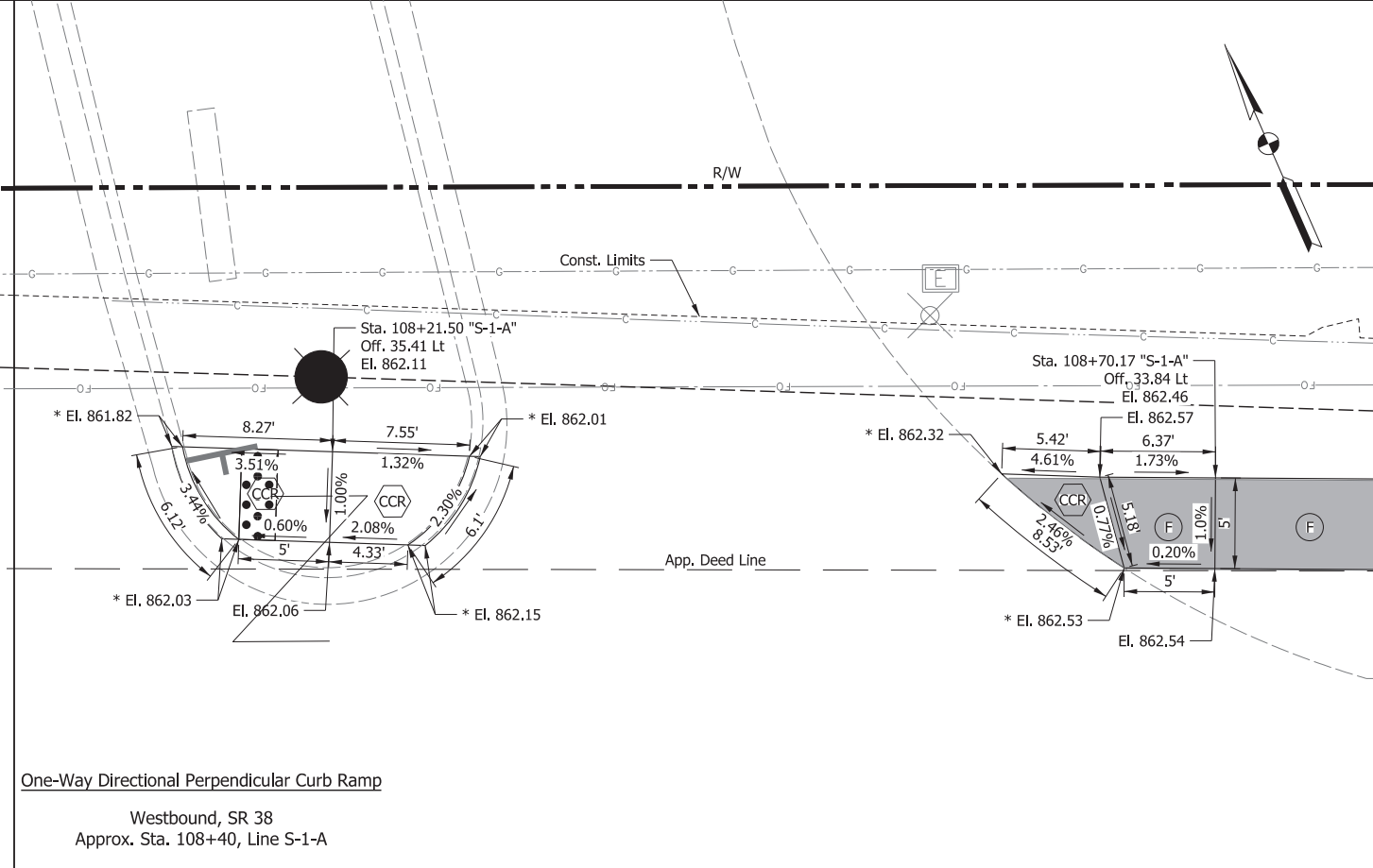
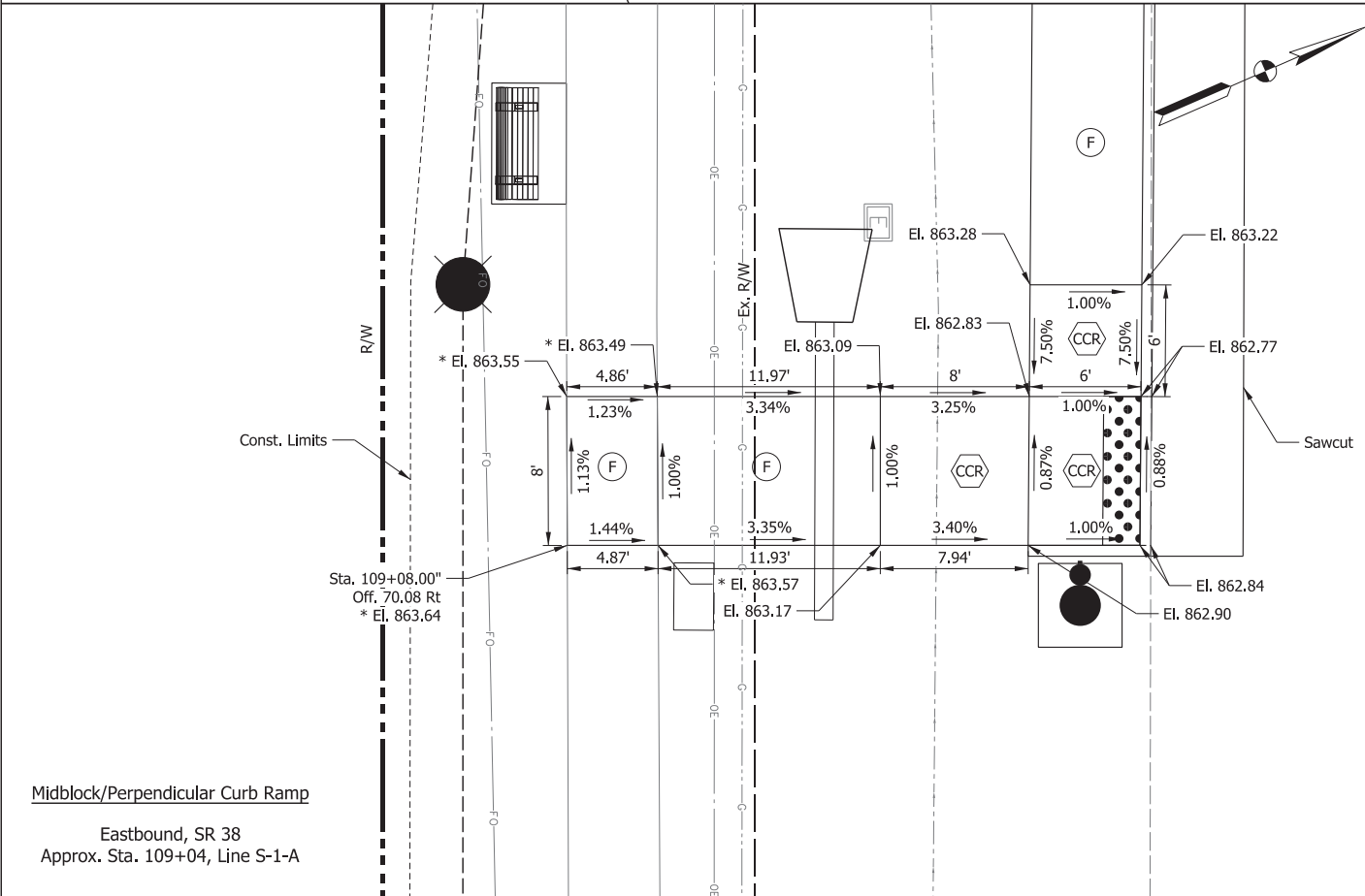
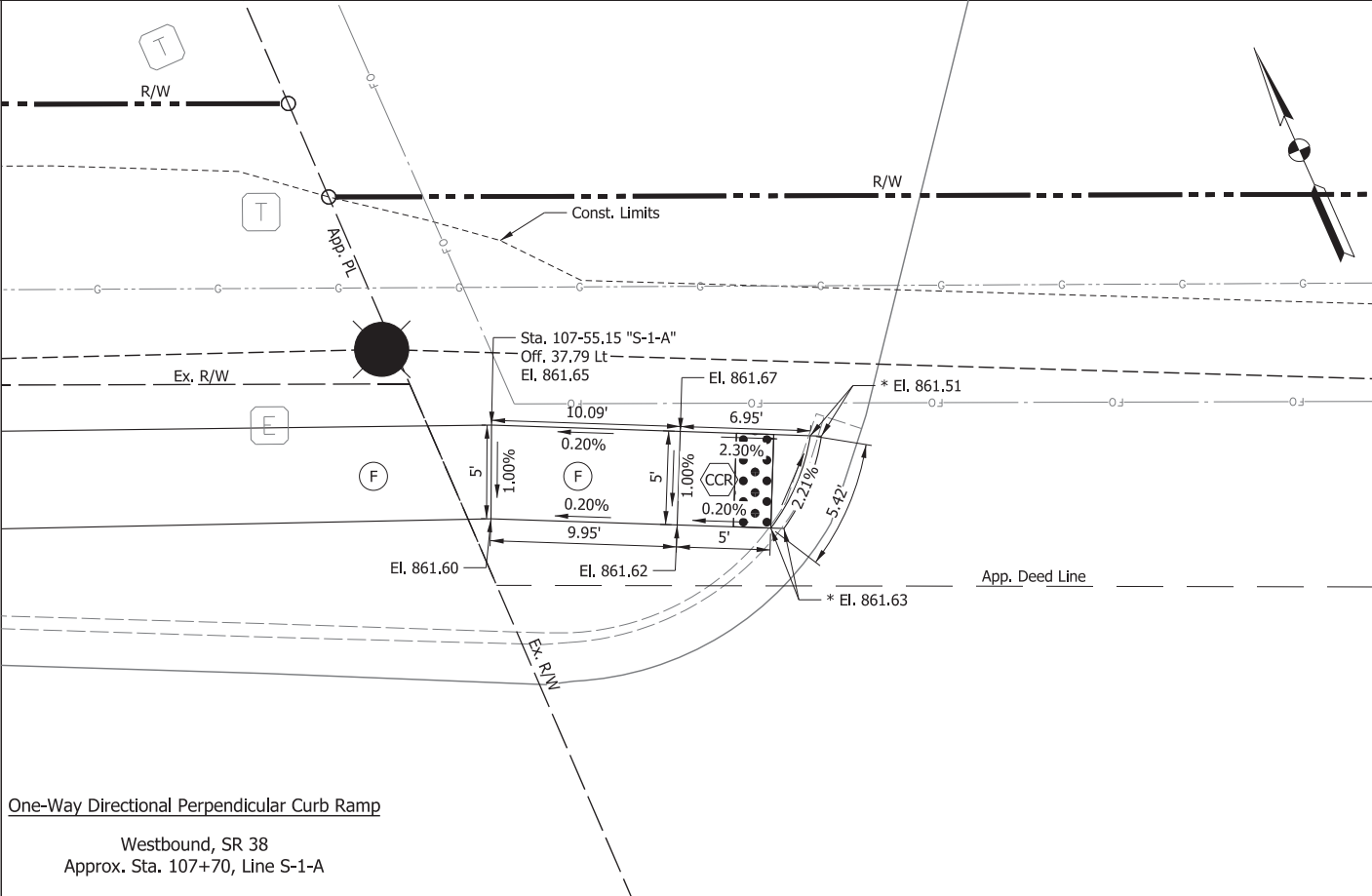
STAGE 3

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: HMH		DRAWN: BDM	
CHECKED: SMS		CHECKED: MJV	

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
E STATE ST/SR 38 - Line "S-1-A"

SCALE 1" = 5'-0"		BRIDGE FILE	
		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		126	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	



LEGEND	
	Multi-Use Path
	Sidewalk, Concrete
	Turning Space
	Concrete Curb Ramp
	Match Existing Elevation
	Detectable Warning Surfaces
	Sidewalk Concrete, Remove

**CDM
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Indianapolis, IN 46204
Tel: (317) 829-9600

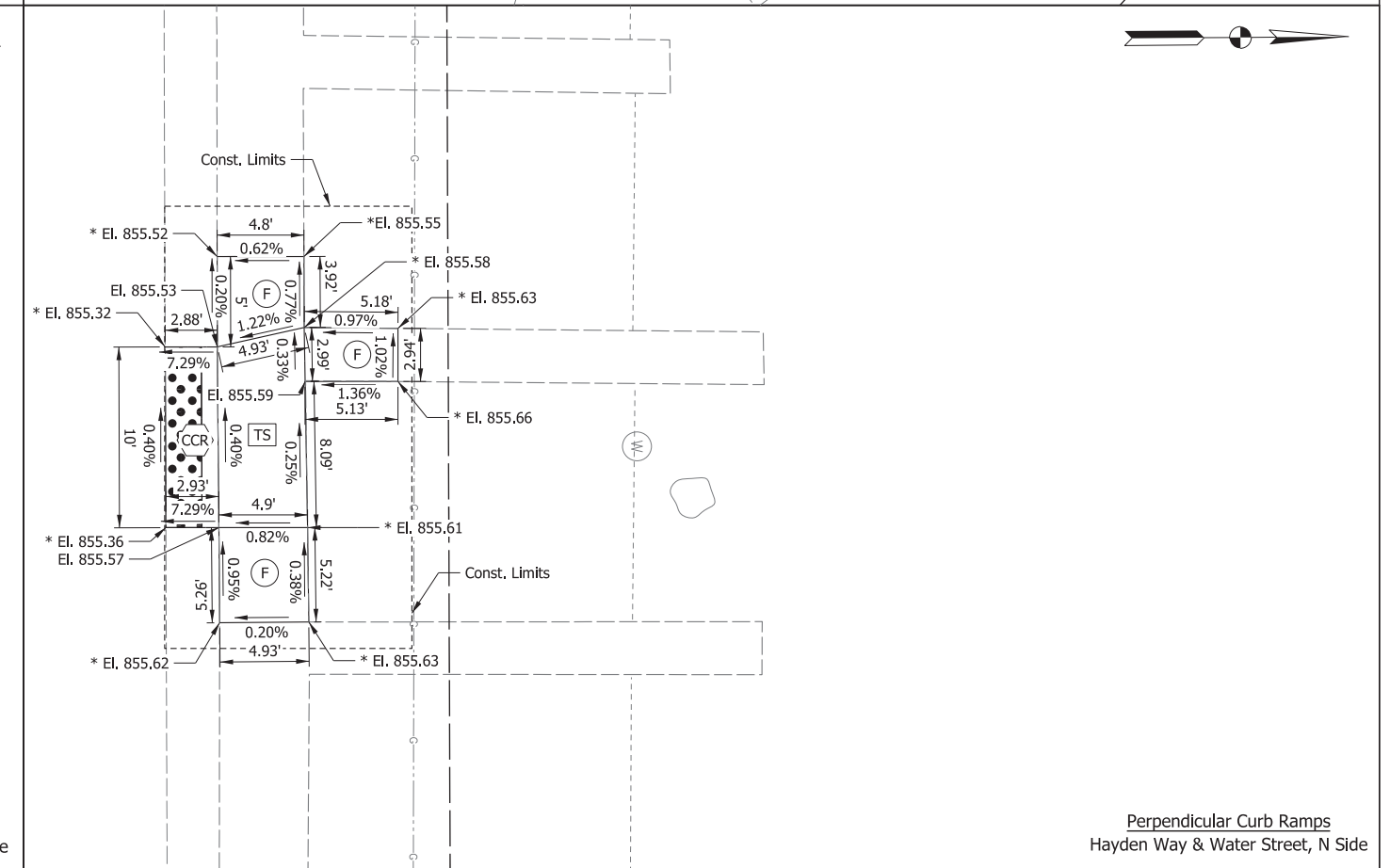
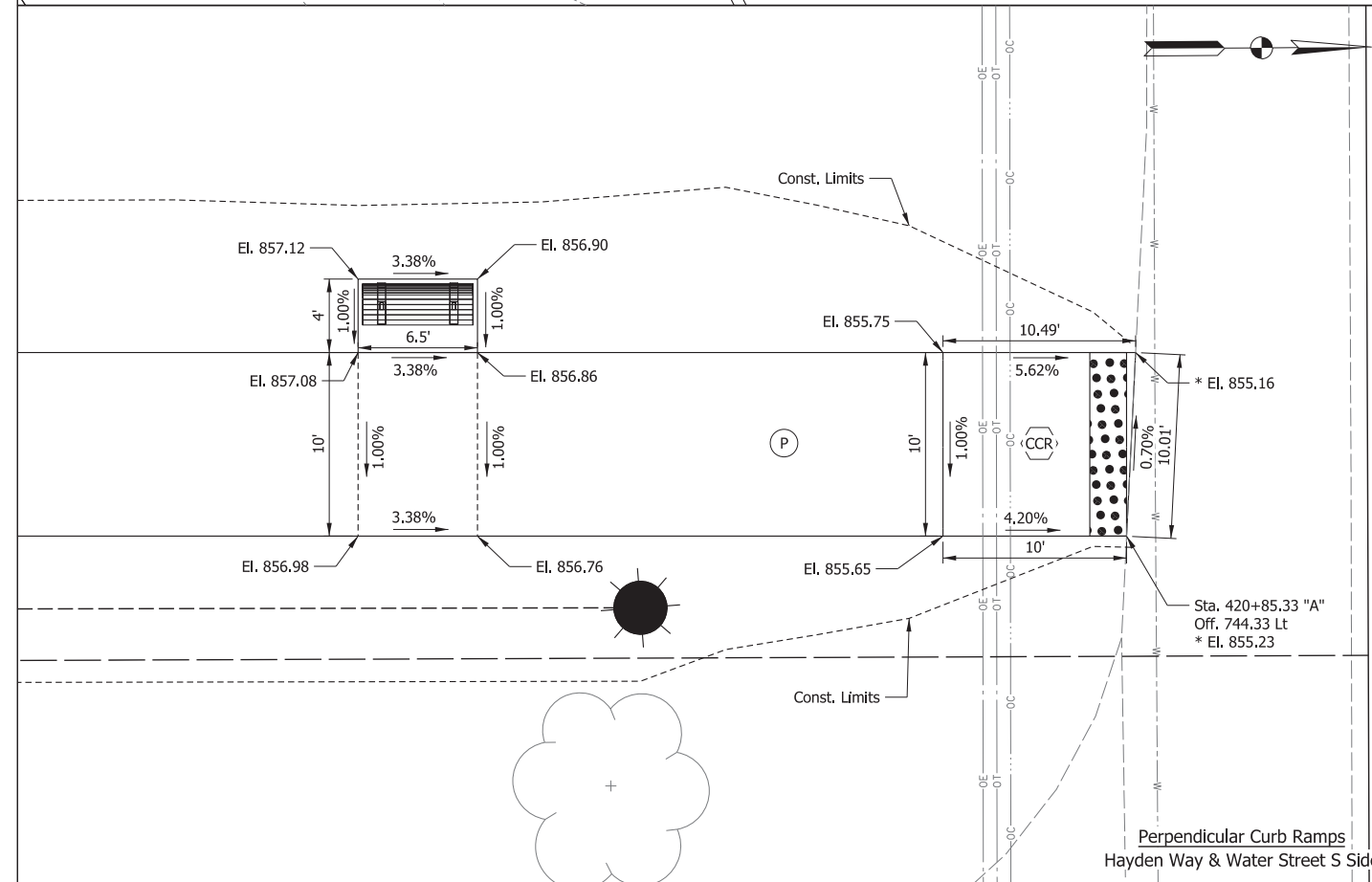
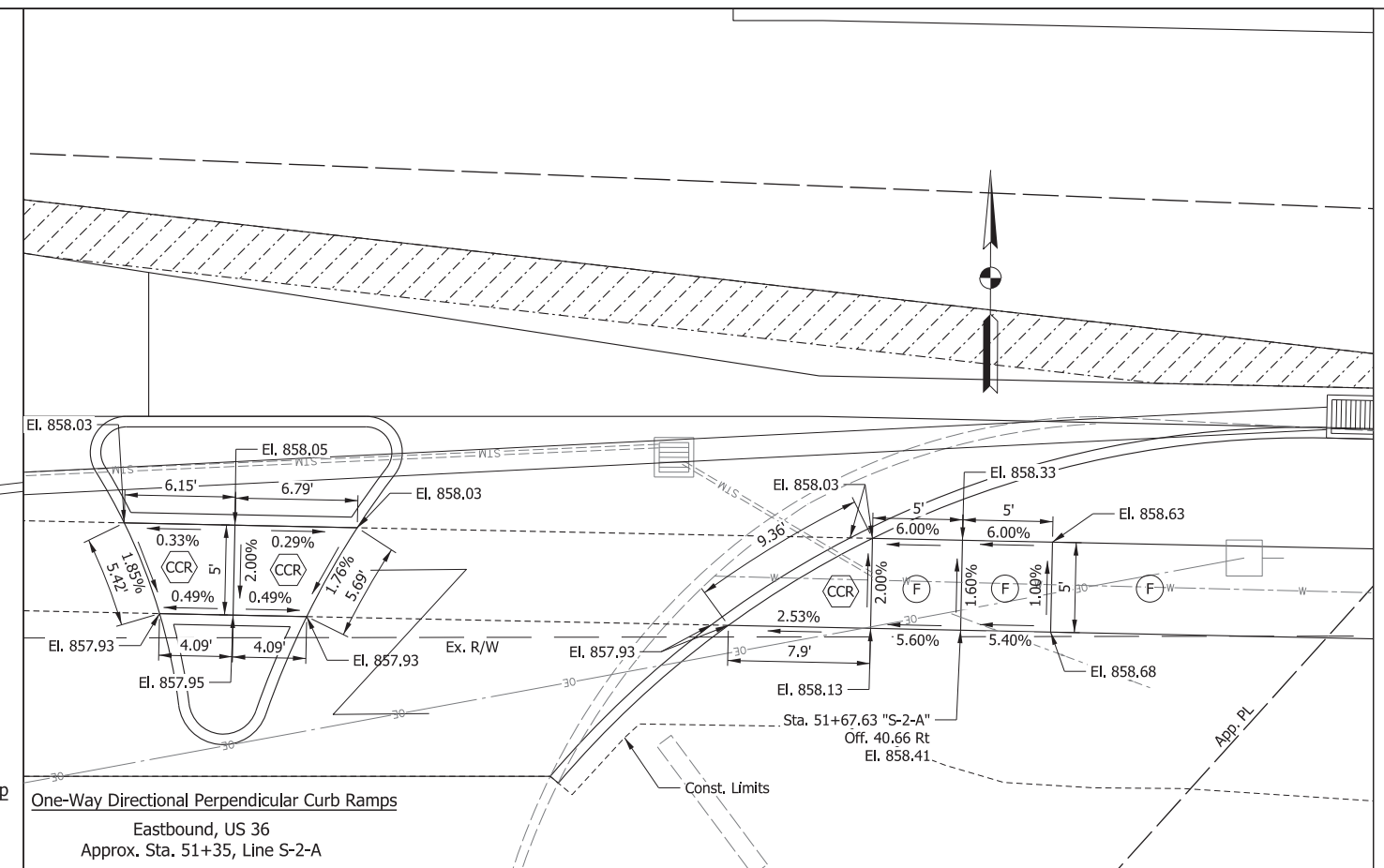
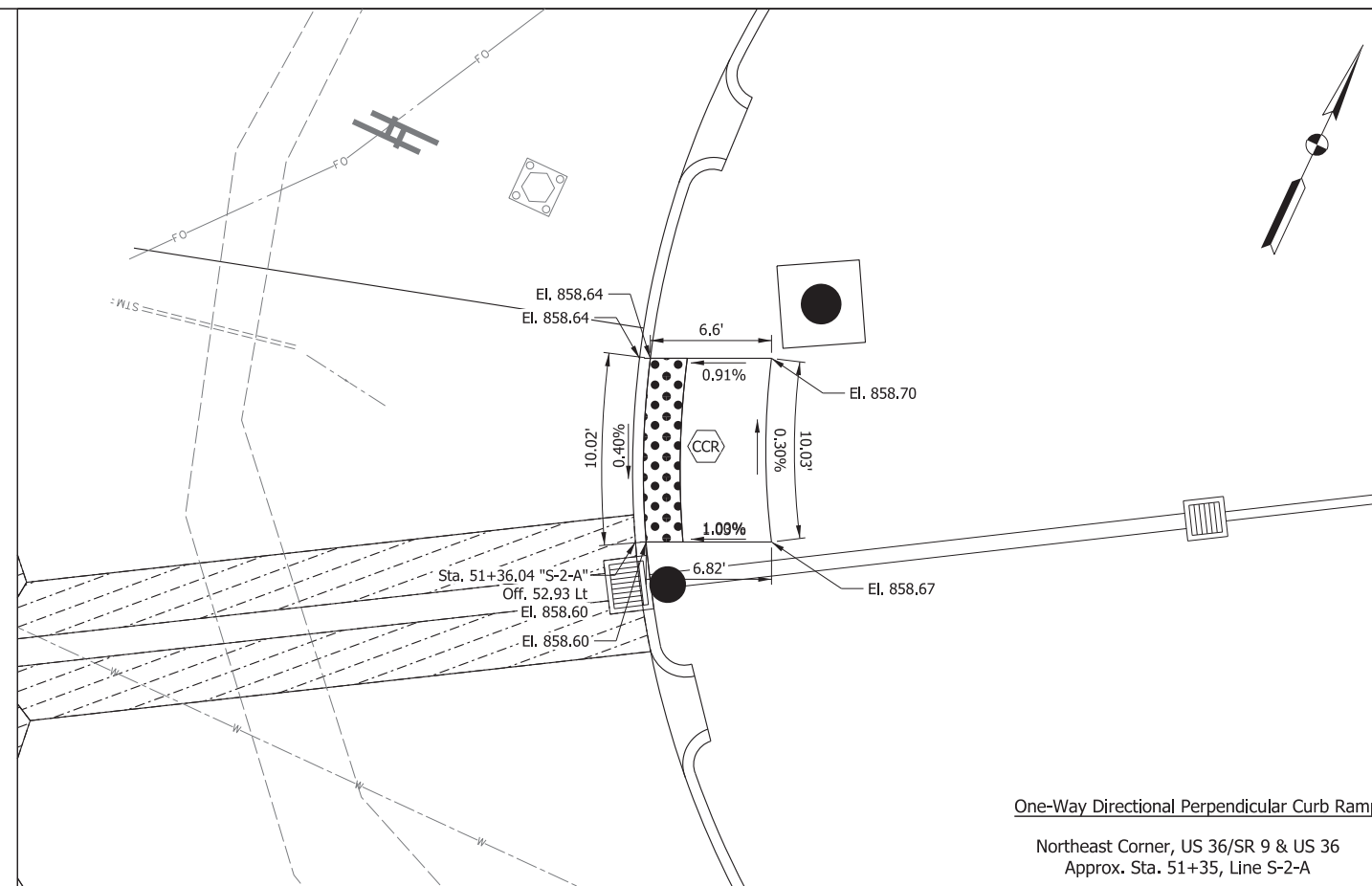
STAGE 3

RECOMMENDED FOR APPROVAL	
DESIGNED: HMH	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
E STATE ST/SR 38 - Line "S-1-A"

SCALE		BRIDGE FILE	
1" = 5'-0"		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		127	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	



LEGEND

-  Multi-Use Path
 Sidewalk, Concrete
 Turning Space
 Concrete Curb Ramp
 Match Existing Elevation
 Detectable Warning Surfaces
 Sidewalk Concrete, Remove

**CDM
Smith**

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Tel: (317) 829-9600

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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE _____

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
US 36 - Line "S-2-A"
HAYDEN WAY PATH - Line "Path-N"

SCALE

$$1'' = 5'-0''$$

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

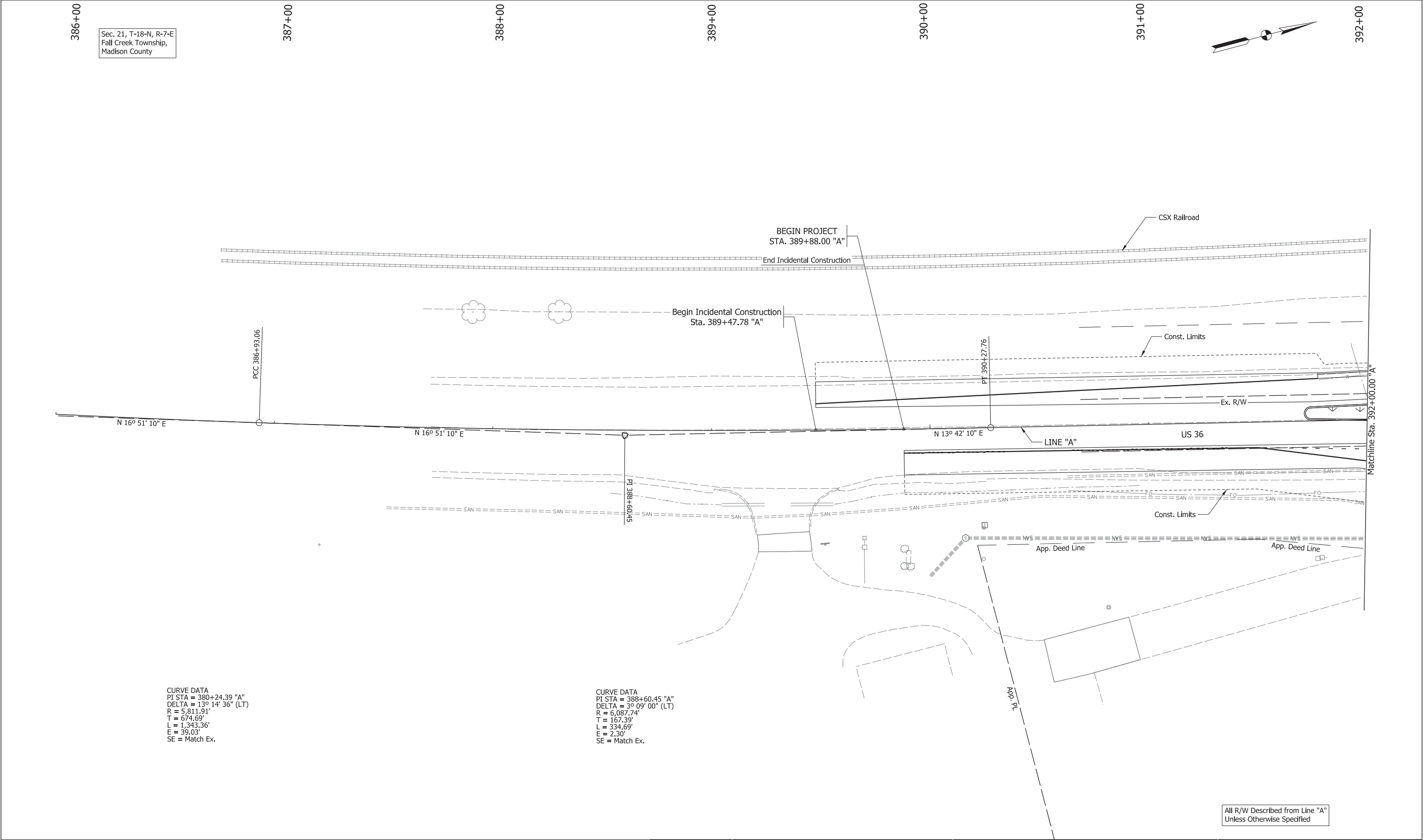
129	of	243
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CONTRACT

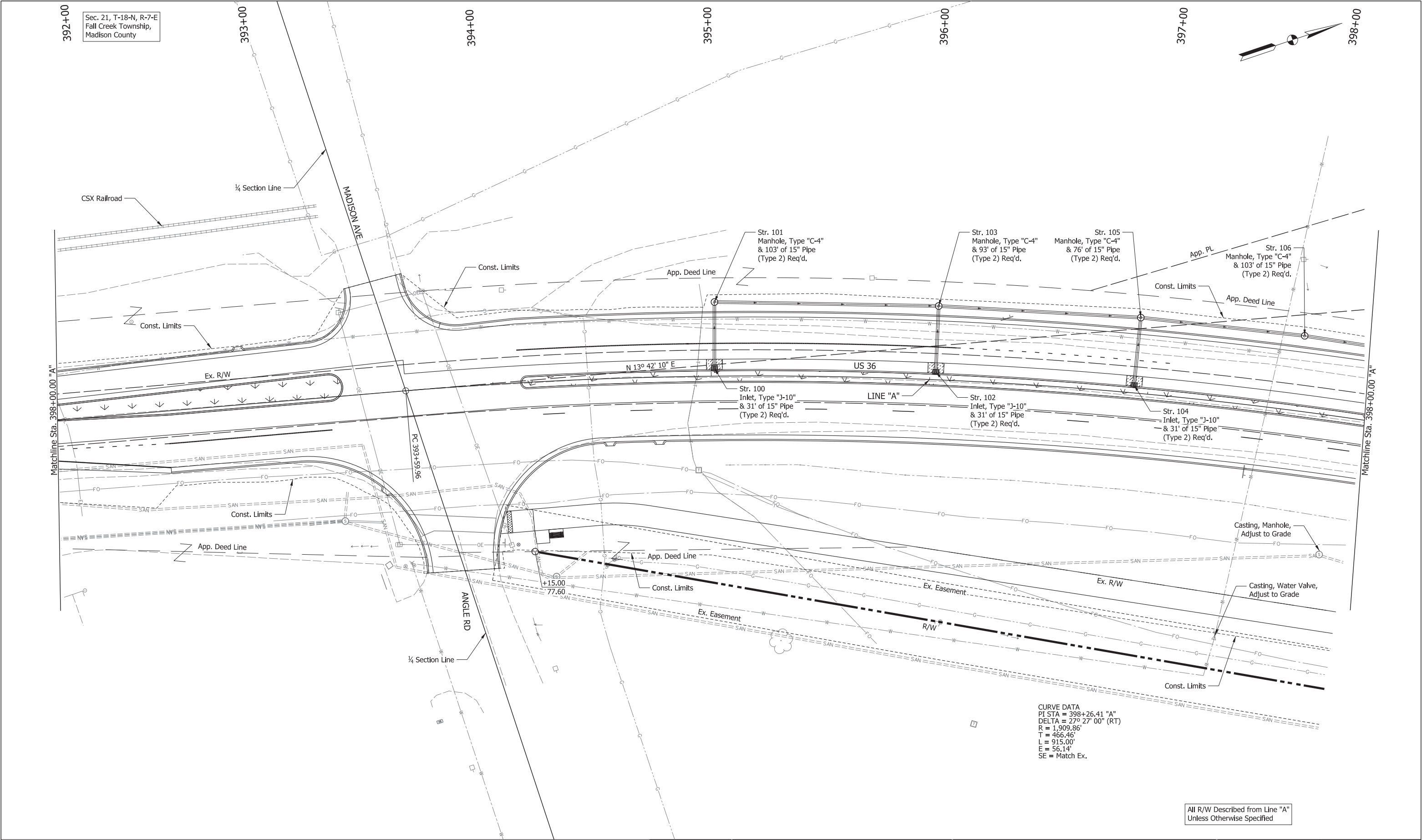
PROJECT		
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R-41837

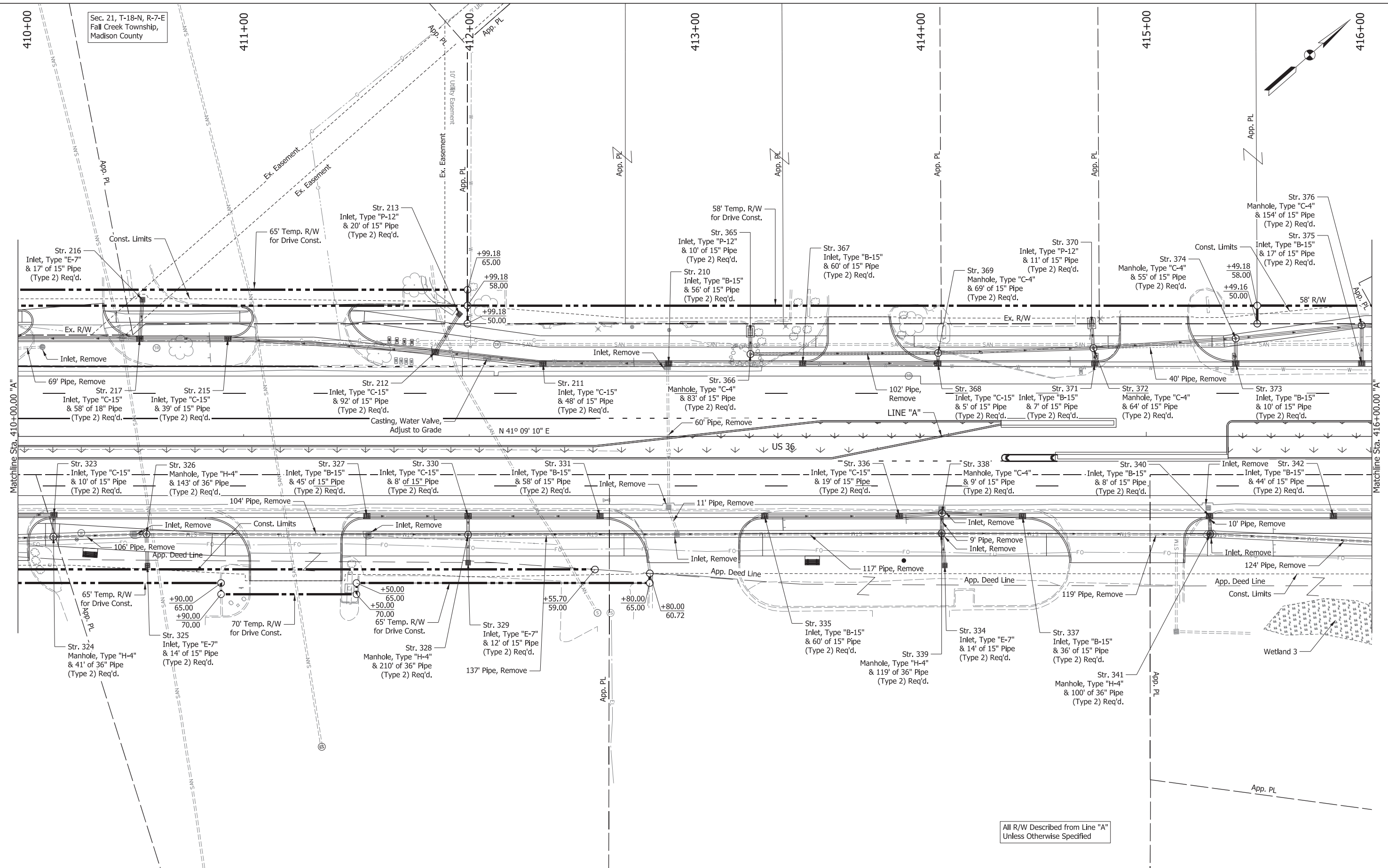
1702936, 1802854, 2001127



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600 STAGE 3	RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"		BRIDGE FILE			
	DESIGN ENGINEER _____		DATE _____				DESIGNATION 1702936, 1802854, 2001127			
	DESIGNED: HMM		DRAWN: BDM		DRAINAGE DETAILS US 36 - LINE "A"		SURVEY BOOK		SHEETS	
	CHECKED: SMS		CHECKED: MJV				ELECTRONIC		139 of 243	
							CONTRACT		PROJECT	
							R-41837		1702936, 1802854, 2001127	



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMM CHECKED: SMS		DRAWN: BDM CHECKED: MJV		DESIGNATION 1702936, 1802854, 2001127	
				DRAINAGE DETAILS US 36 - LINE "A"		SURVEY BOOK ELECTRONIC CONTRACT R-41837	SHEETS 140 of 243 PROJECT 1702936, 1802854, 2001127



All R/W Described from Line "A"
Unless Otherwise Specified

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

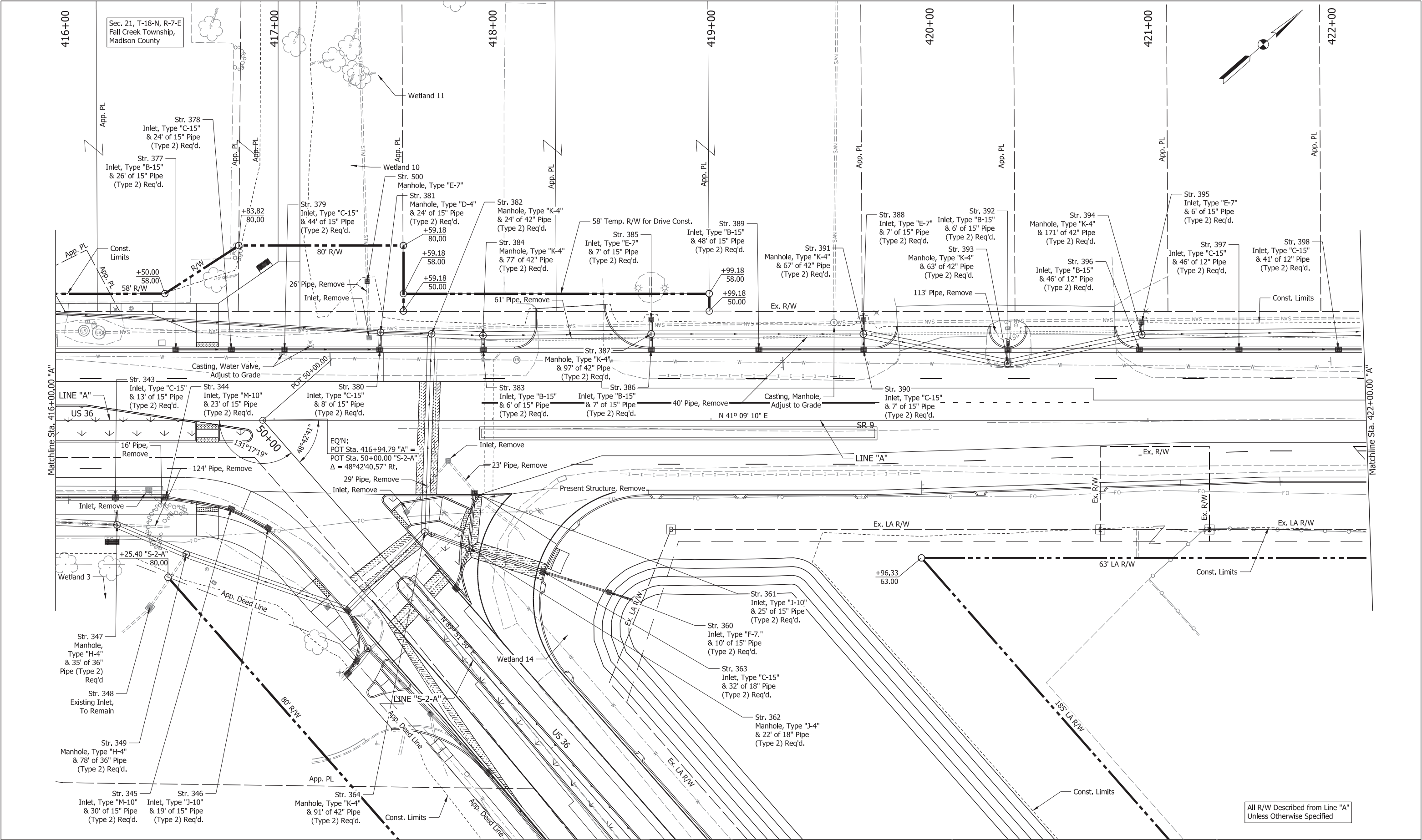
STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: <u>HMH</u>	DRAWN: <u>BDM</u>	
CHECKED: <u>SMS</u>	CHECKED: <u>MJV</u>	

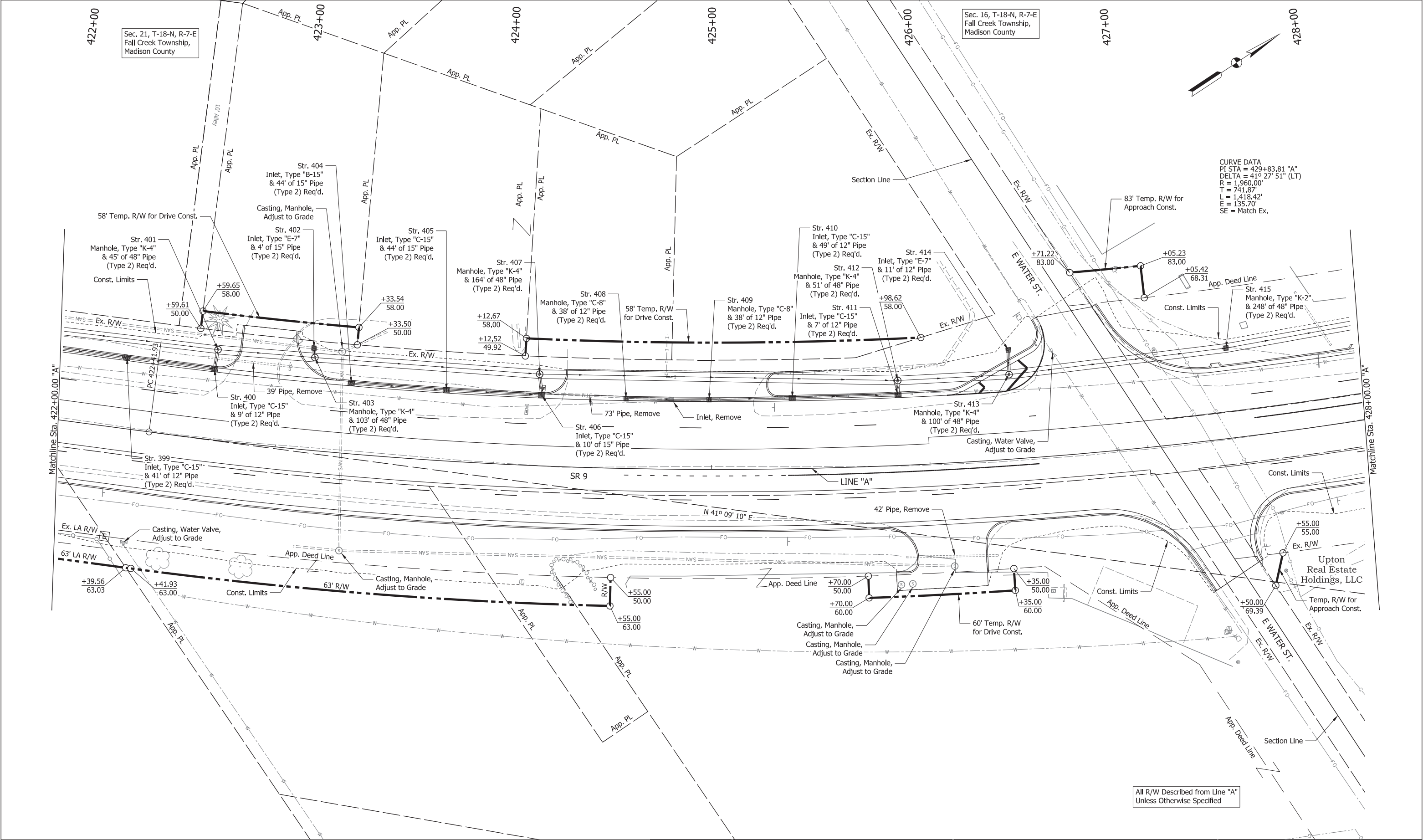
INDIANA
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
US 36 - LINE "A"

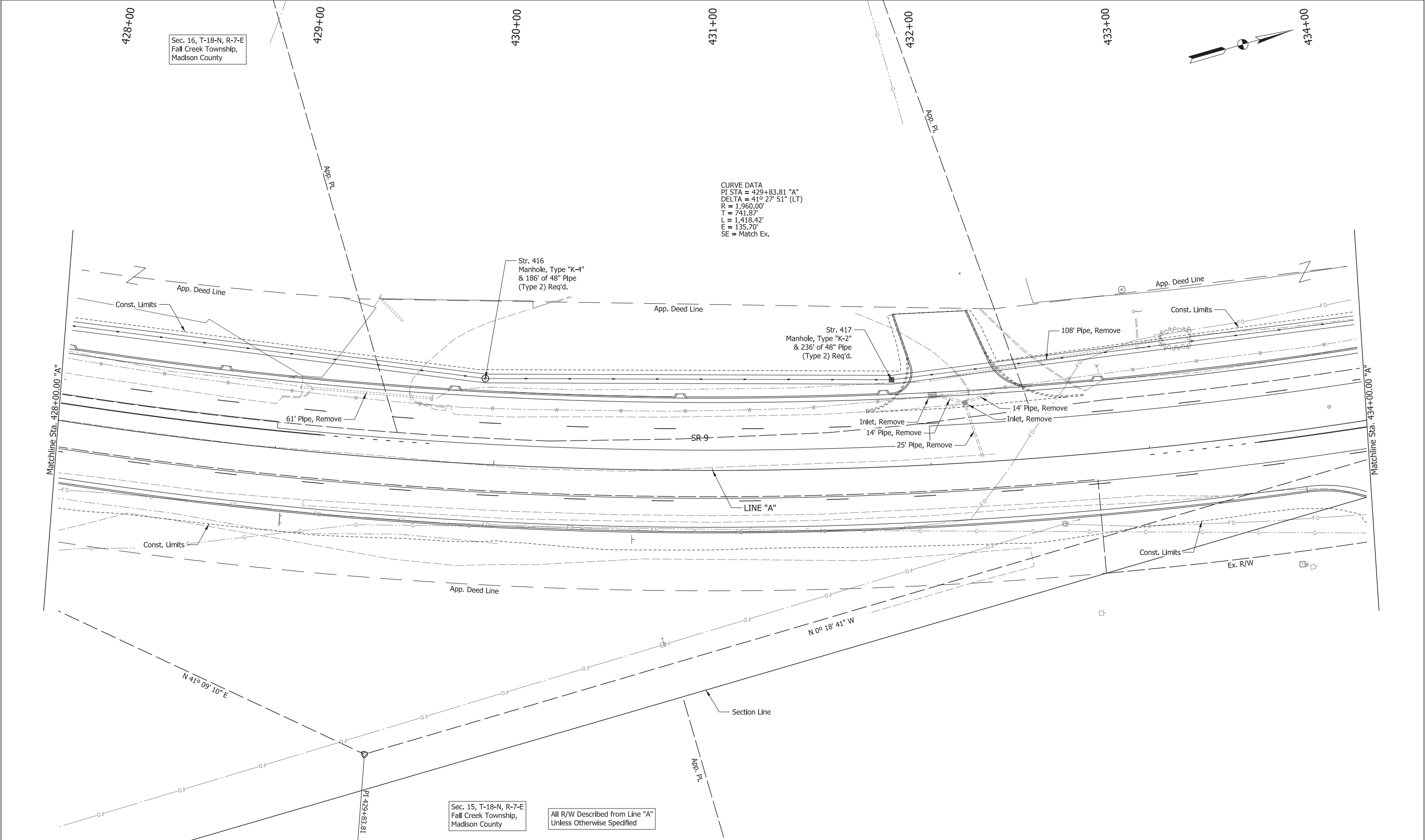
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1" = 20'-0"			
	DESIGNATION		
	1702936, 1802854, 2001127		
SURVEY BOOK	SHEETS		
ELECTRONIC	143	of	243
CONTRACT	PROJECT		
R-41837	1702936, 1802854, 2001127		



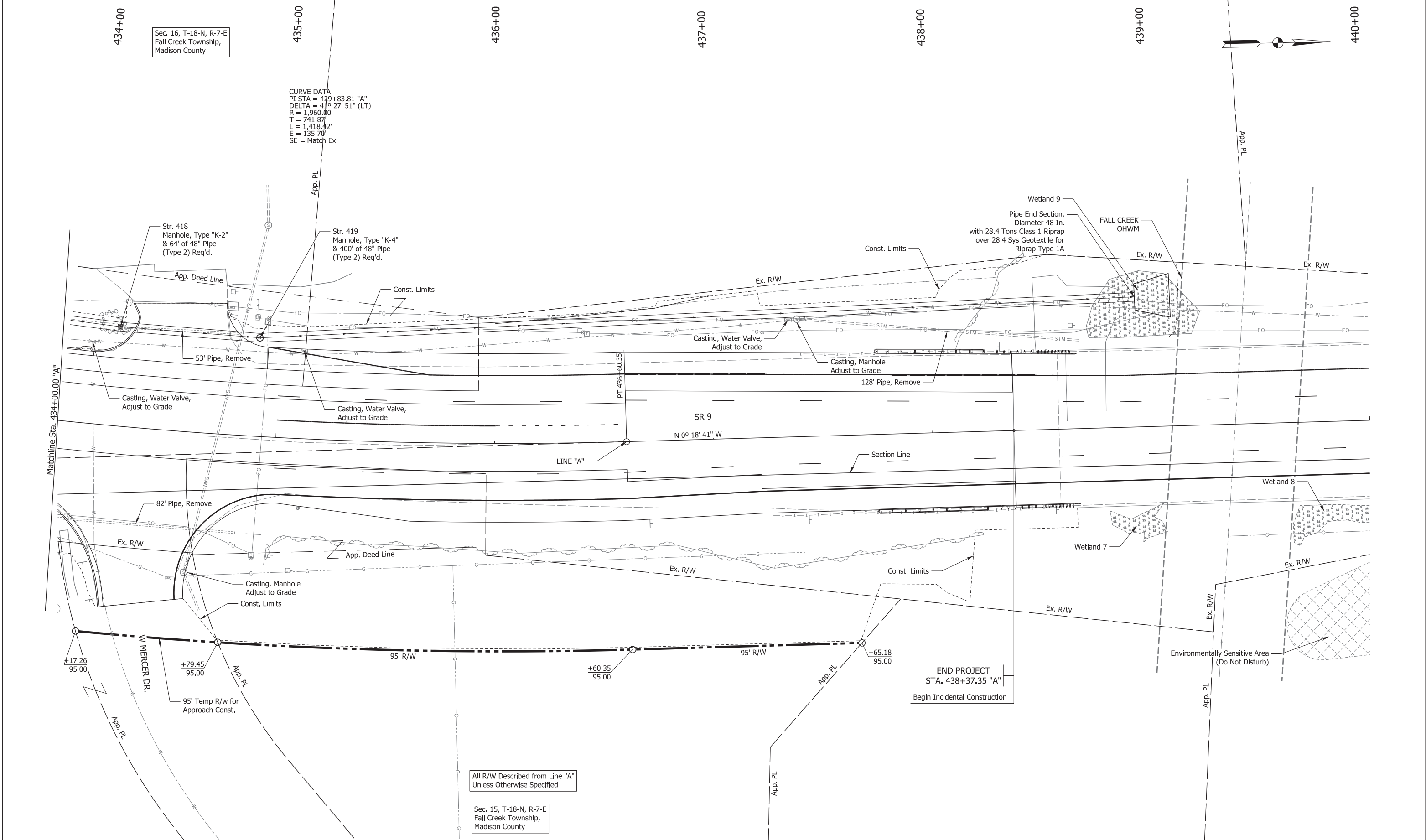
CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	SCALE		BRIDGE FILE		
						1" = 20'-0"		DESIGNATION		
								1702936, 1802854, 2001127		
		DESIGNED: <u>HMH</u>			DRAWN: <u>BDM</u>			SURVEY BOOK		SHEETS
CHECKED: <u>SMS</u>			CHECKED: <u>MJV</u>			ELECTRONIC		144	of	243
DRAINAGE DETAILS US 36 / SR 9 - LINE "A"						CONTRACT		PROJECT		
						R-41837		1702936, 1802854, 2001127		



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMH CHECKED: SMS		DRAWN: BDM CHECKED: MJV		DESIGNATION 1702936, 1802854, 2001127	
				DRAINAGE DETAILS SR 9 - LINE "A"		SURVEY BOOK ELECTRONIC CONTRACT R-41837	SHEETS 145 of 243 PROJECT 1702936, 1802854, 2001127



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMH CHECKED: SMS		DRAWN: BDM CHECKED: MJV		SURVEY BOOK	SHEETS
				DRAINAGE DETAILS SR 9 - LINE "A"		ELECTRONIC	146 of 243
						CONTRACT R-41837	PROJECT 1702936, 1802854, 2001127



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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

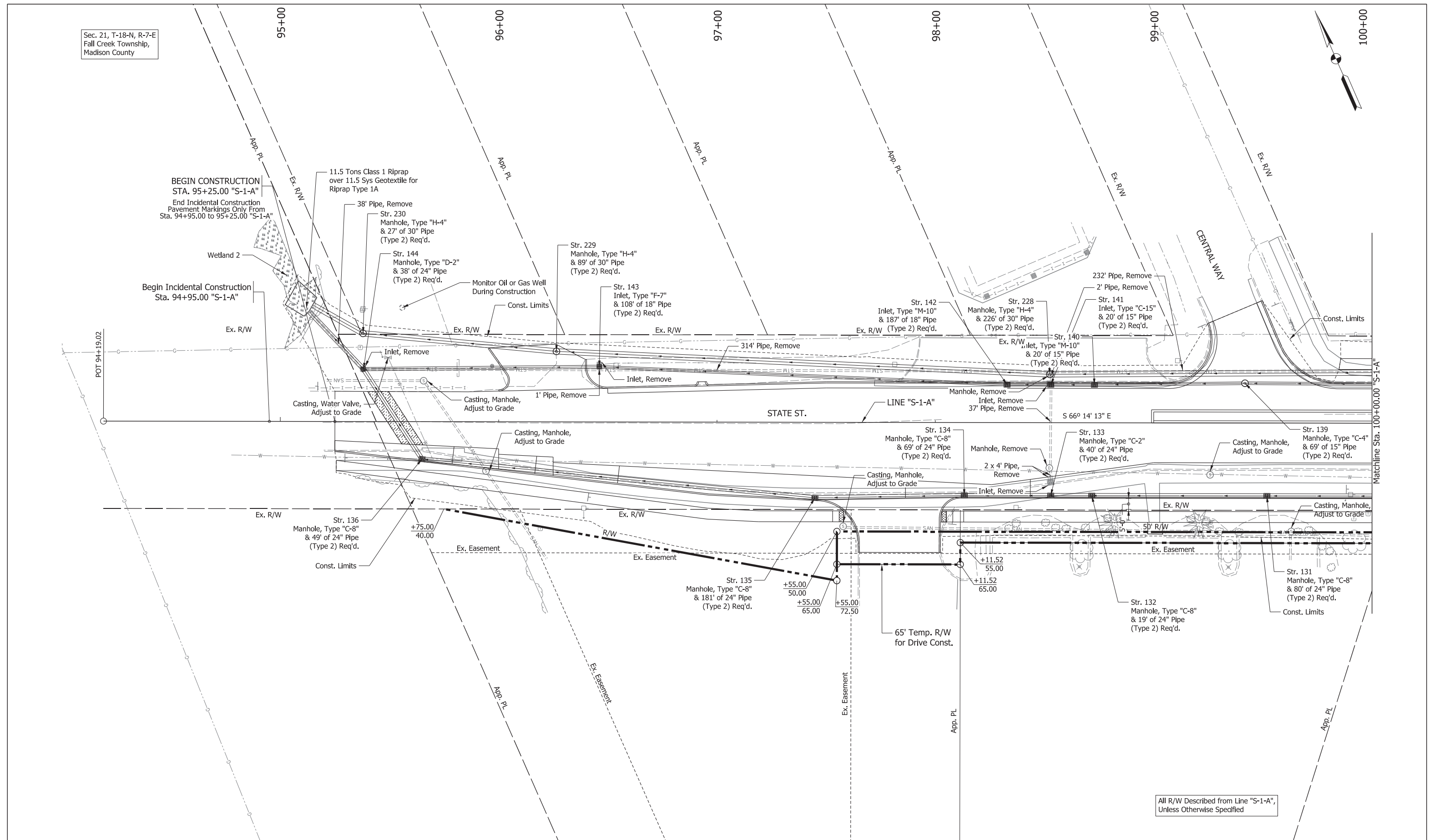
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DESIGNED: HMM
CHECKED: SMS

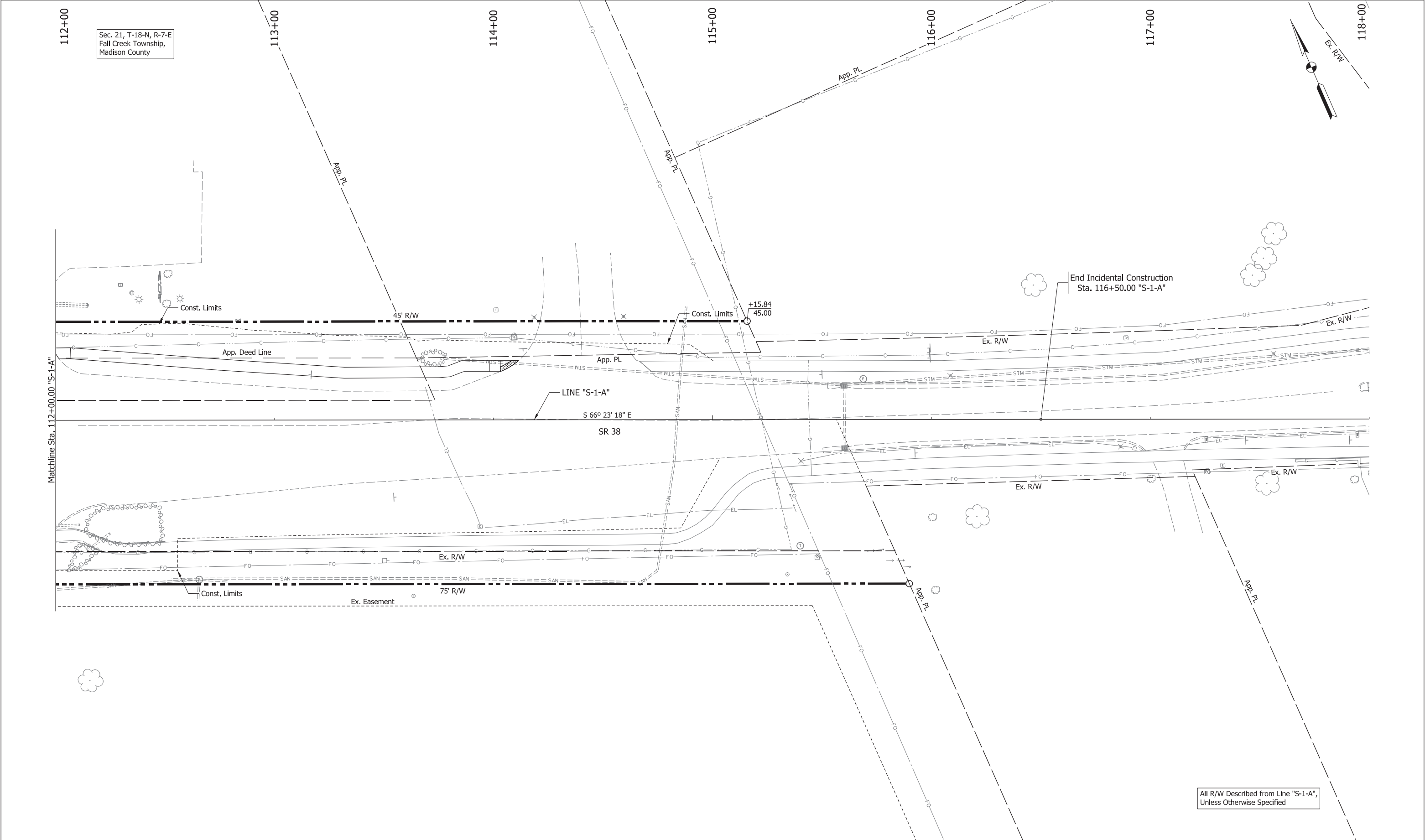
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DRAWN: BDM
CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

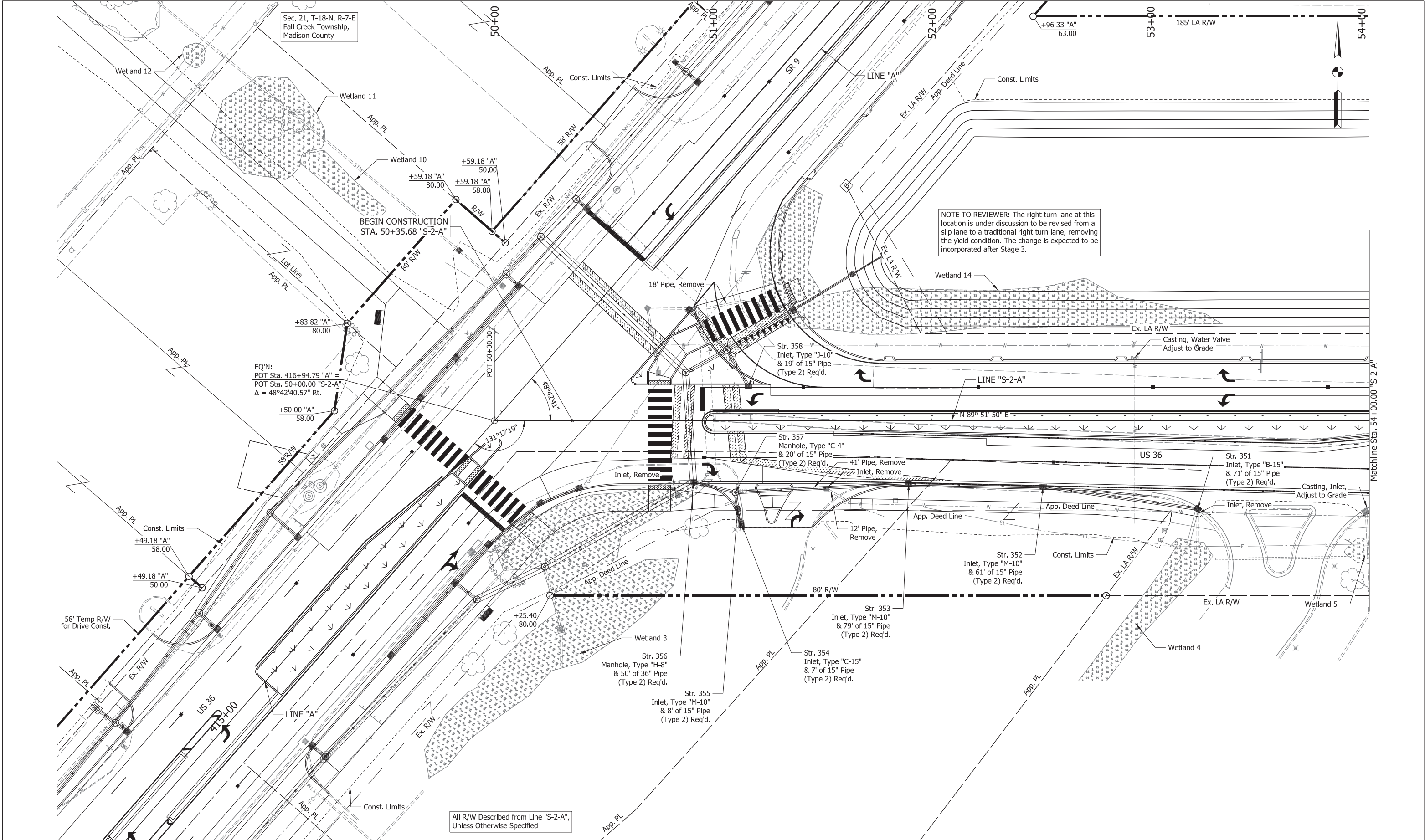
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SR 9 - LINE "A"

SCALE 1" = 20'-0"	BRIDGE FILE
DESIGNATION 1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS
ELECTRONIC	147 of 249
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127

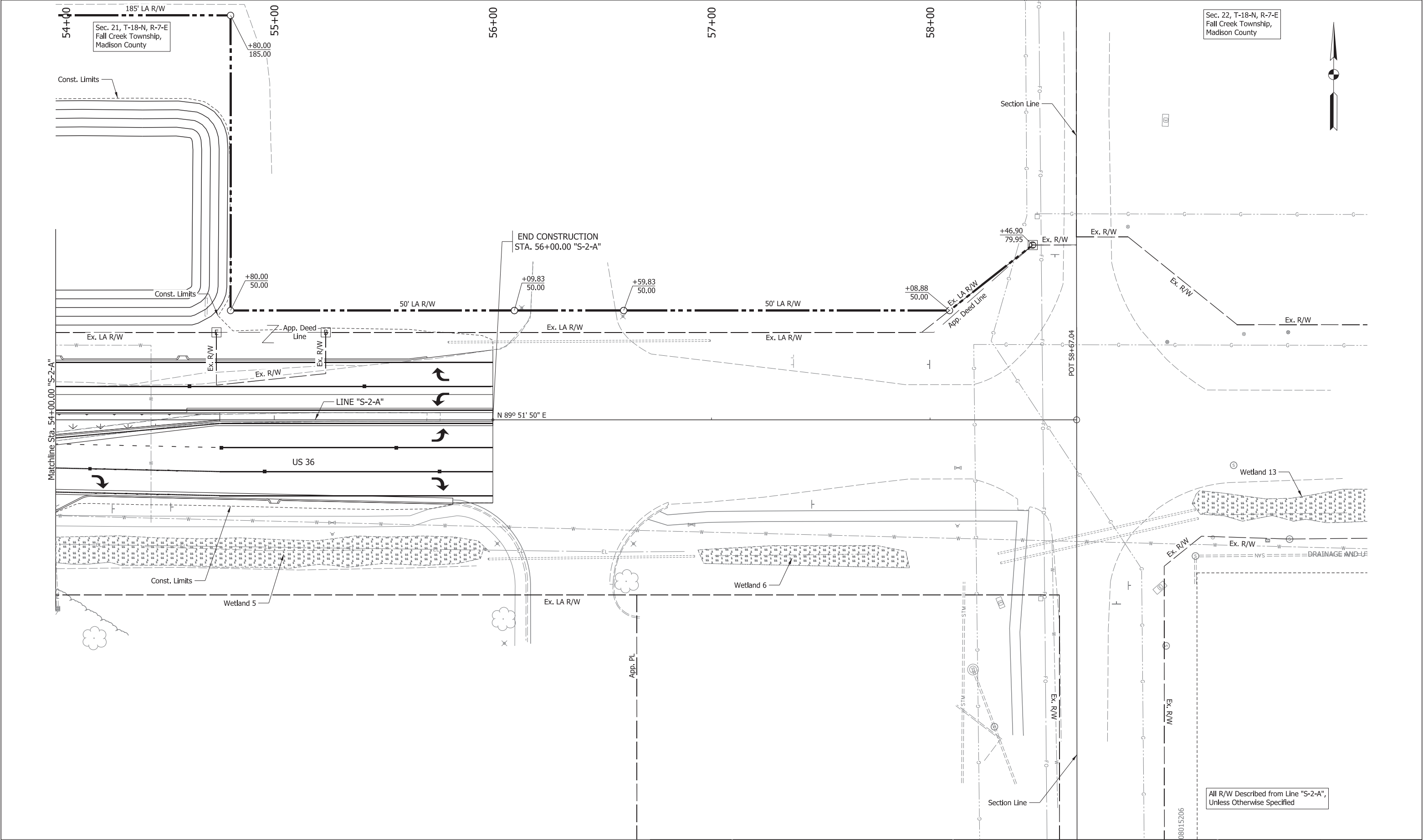




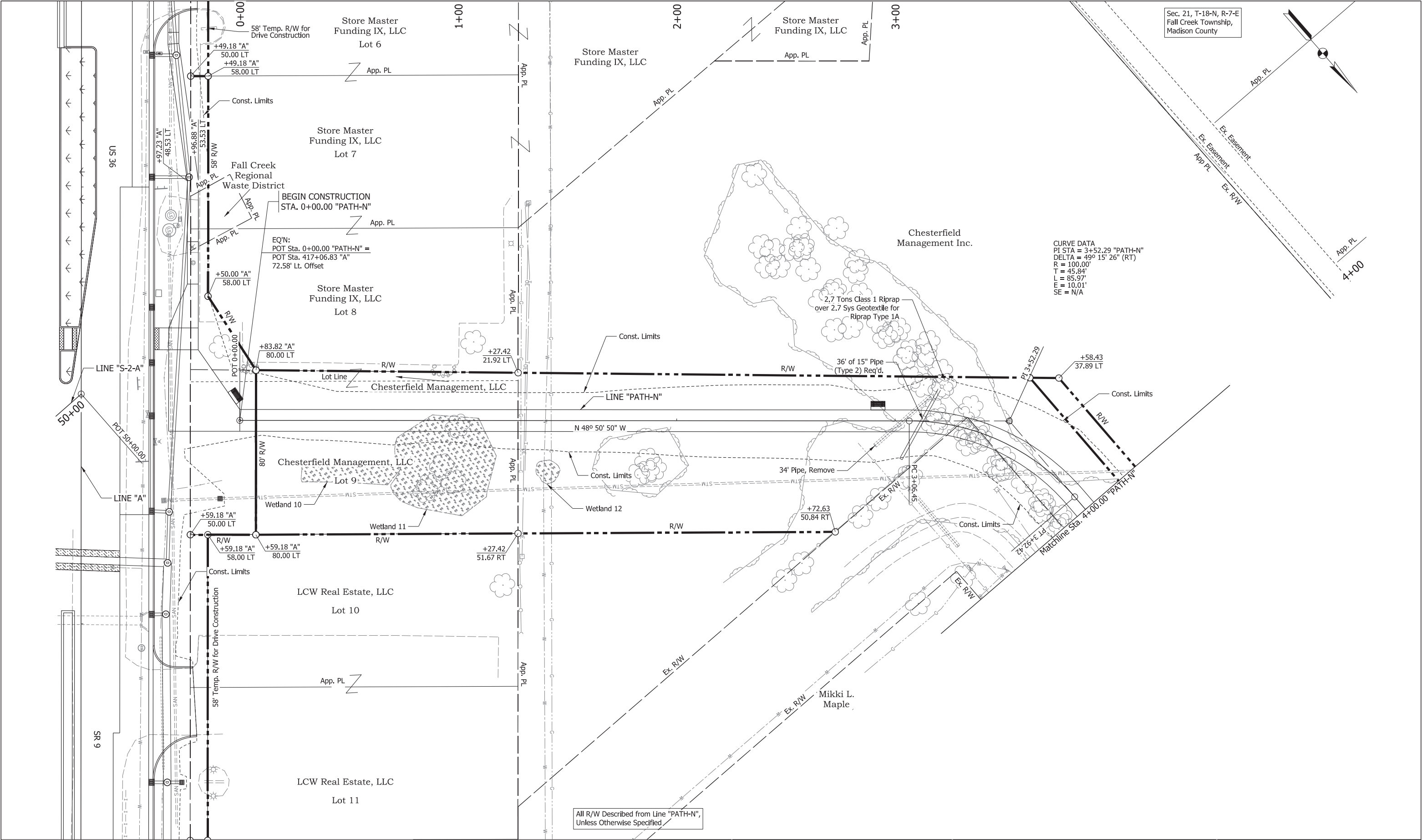
CDMSmith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMM CHECKED: SMS		DRAWN: BDM CHECKED: MJV		DESIGNATION 1702936, 1802854, 2001127	
				DRAINAGE DETAILS SR 38 - LINE "S-1-A"		SURVEY BOOK	SHEETS
						ELECTRONIC CONTRACT R-41837	151 of 243 PROJECT 1702936, 1802854, 2001127



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"		BRIDGE FILE	
		DESIGN ENGINEER _____		DATE _____				DESIGNATION 1702936, 1802854, 2001127	
		DESIGNED: HMM	DRAWN: BDM	DRAINAGE DETAILS US 36 - LINE "S-2-A"		SURVEY BOOK		SHEETS	
		CHECKED: SMS	CHECKED: MJV			ELECTRONIC		152 of 243	
						CONTRACT		PROJECT	
						R-41837		1702936, 1802854, 2001127	



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"		BRIDGE FILE		
		DESIGN ENGINEER _____		DATE _____				DESIGNATION		
								1702936, 1802854, 2001127		
		DESIGNED: <u>HMH</u>		DRAWN: <u>BDM</u>		DRAINAGE DETAILS US 36 - LINE "S-2-A"				
		CHECKED: <u>SMS</u>		CHECKED: <u>MJV</u>						
						SURVEY BOOK		SHEETS		
						ELECTRONIC		153	of	243
						CONTRACT		PROJECT		
						R-41837		1702936, 1802854, 2001127		



See Page 93 for Construction Details Legend.

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211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: HMM

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
SHARED-USE PATH - LINE "PATH-N"

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

R-41837

SHEETS

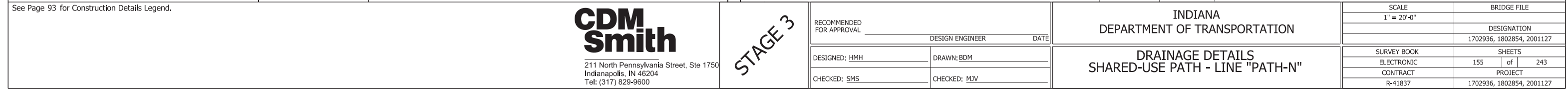
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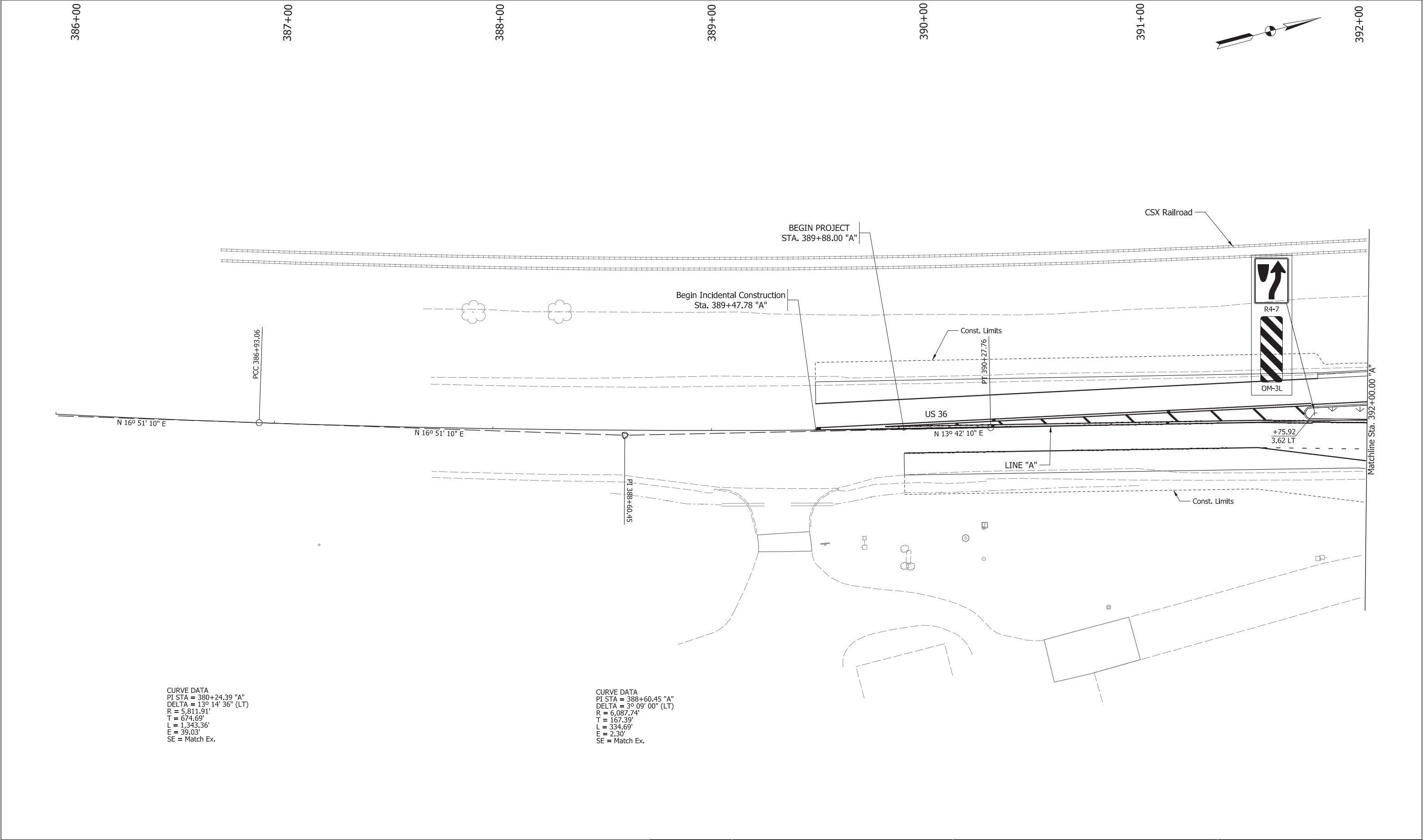
of

243

PROJECT

1702936, 1802854, 2001127

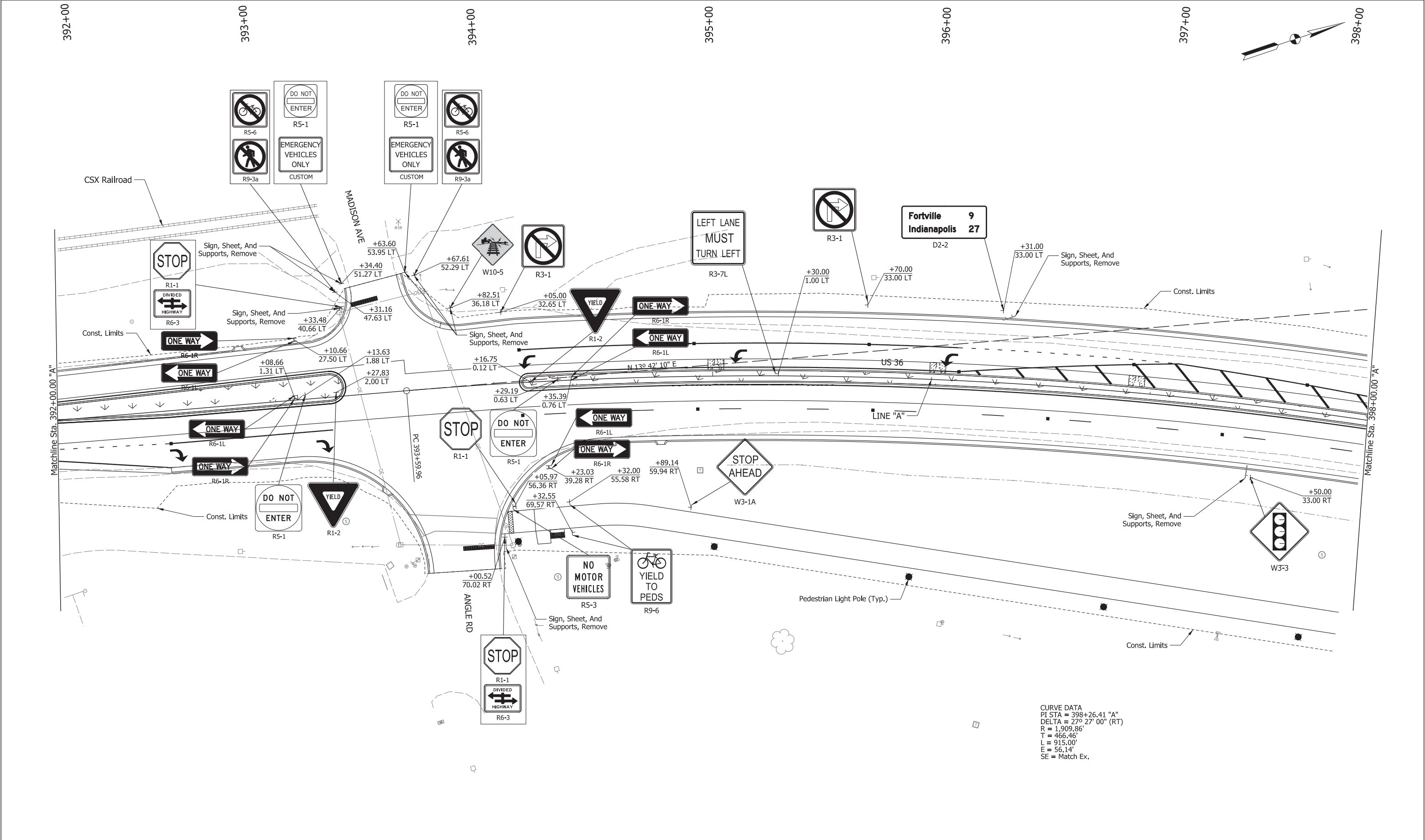




CURVE DATA
PI STA = 380+24.39 "A"
DELTA = 13° 14' 36" (LT)
R = 5,811.91'
T = 674.69'
L = 1,343.36'
E = 39.03'
SE = Match Ex.

CURVE DATA
PI STA = 388+60.45 "A"
DELTA = 3° 09' 00" (LT)
R = 6,087.74'
T = 167.39'
L = 334.69'
E = 2.30'
SE = Match Ex.

CDMSmith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMM CHECKED: SMS		DRAWN: BDM CHECKED: MJV			DESIGNATION 1702936, 1802854, 2001127
				SIGNING DETAILS US 36 - LINE "A"		SURVEY BOOK ELECTRONIC CONTRACT R-41837	SHEETS 177 of 243 PROJECT 1702936, 1802854, 2001127



CURVE DATA
PI STA = 398+26.41 "A"
DELTA = 27° 27' 00" (RT)
R = 1,909.86'
T = 466.46'
L = 915.00'
E = 56.14'
SE = Match Ex.



211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 36 - LINE "A"

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

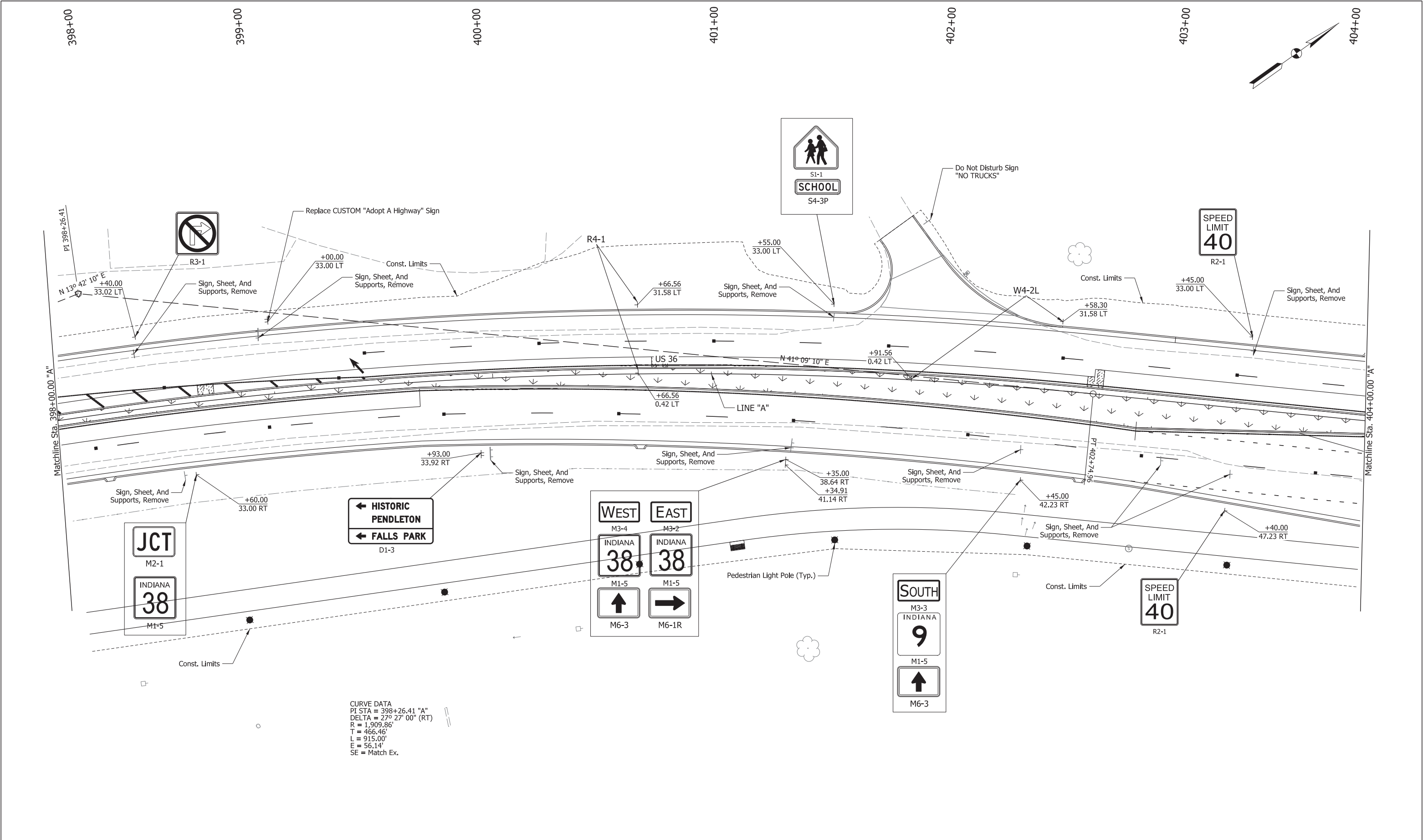
178 of 243

CONTRACT

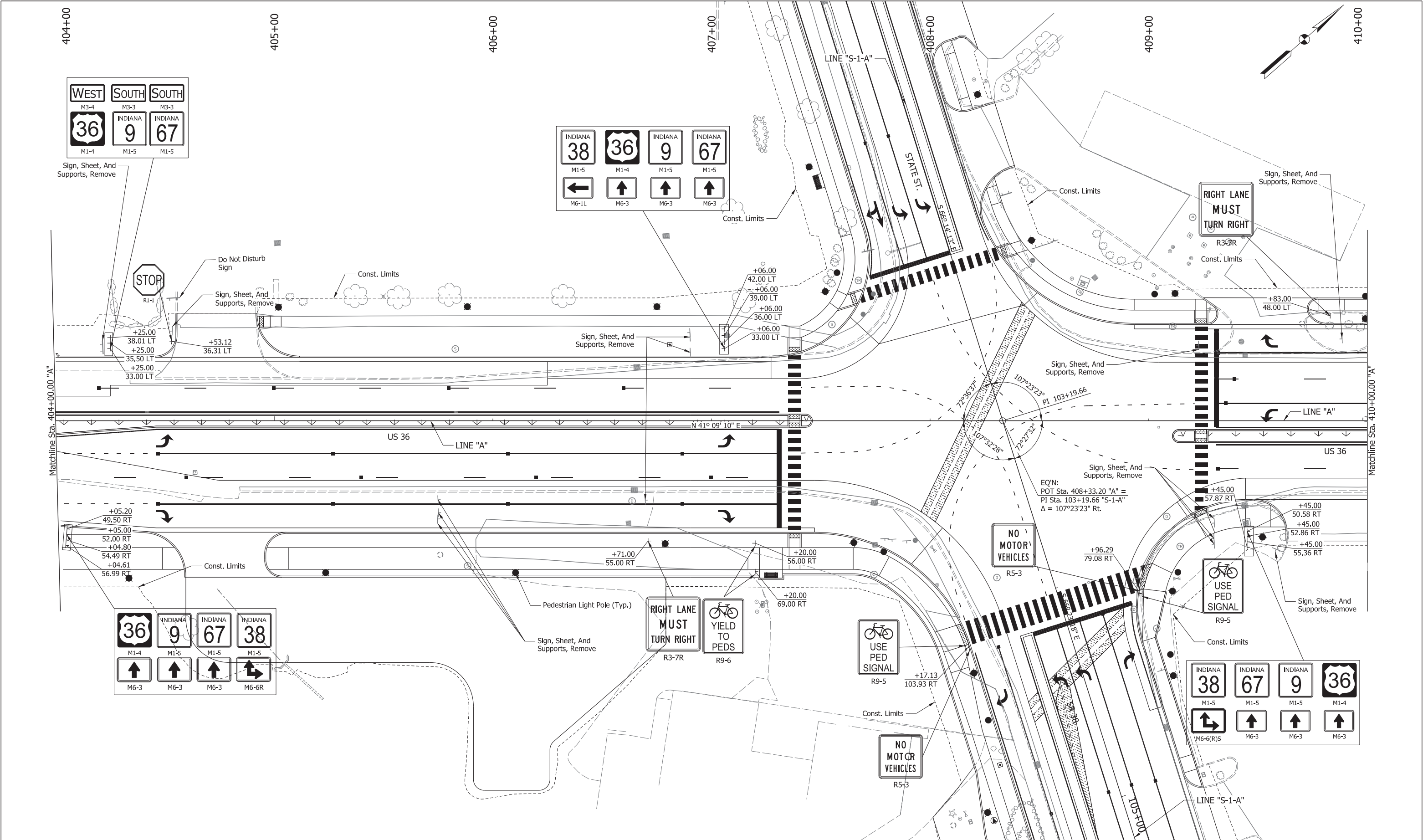
PROJECT

R-41837

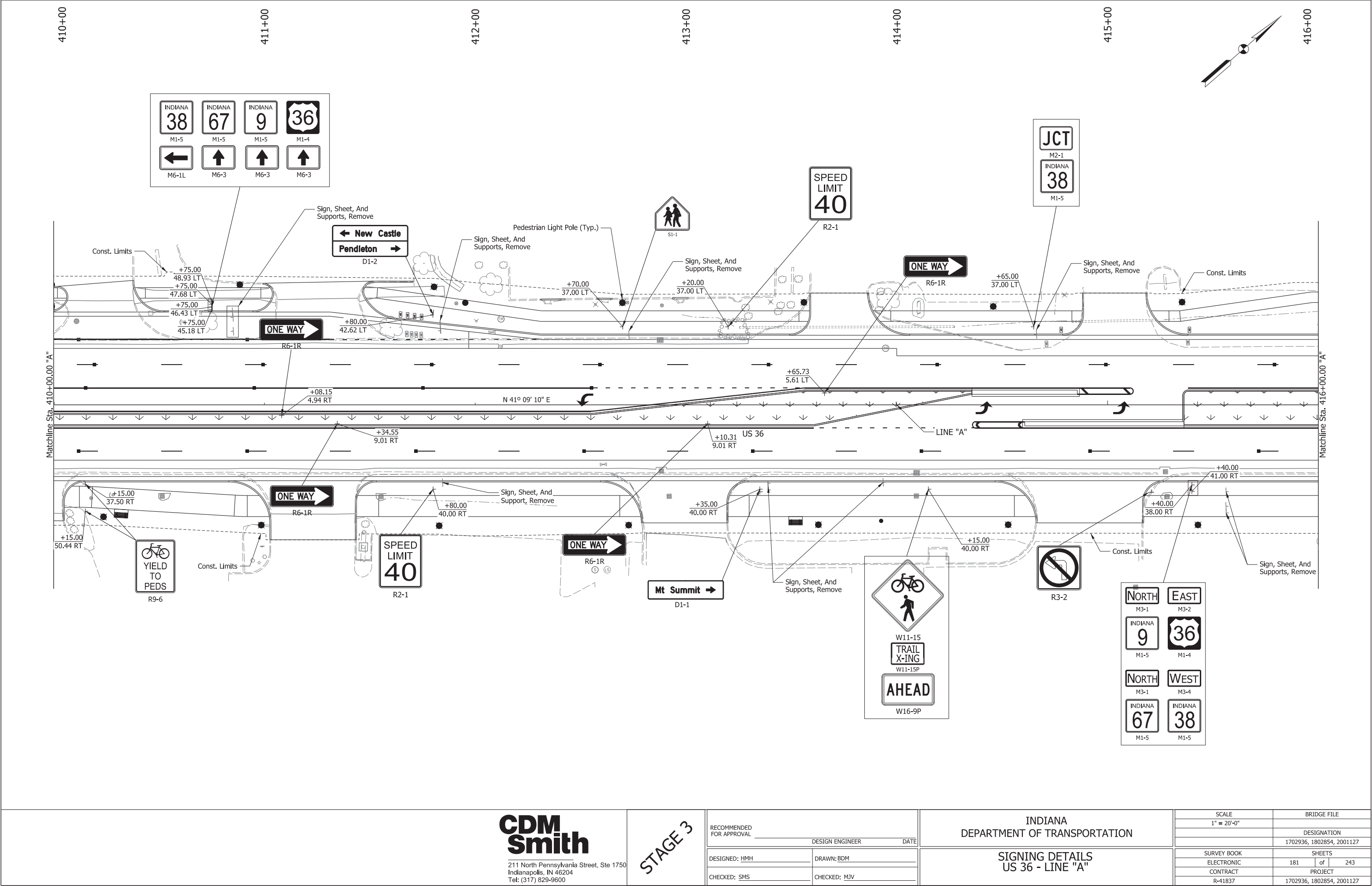
1702936, 1802854, 2001127

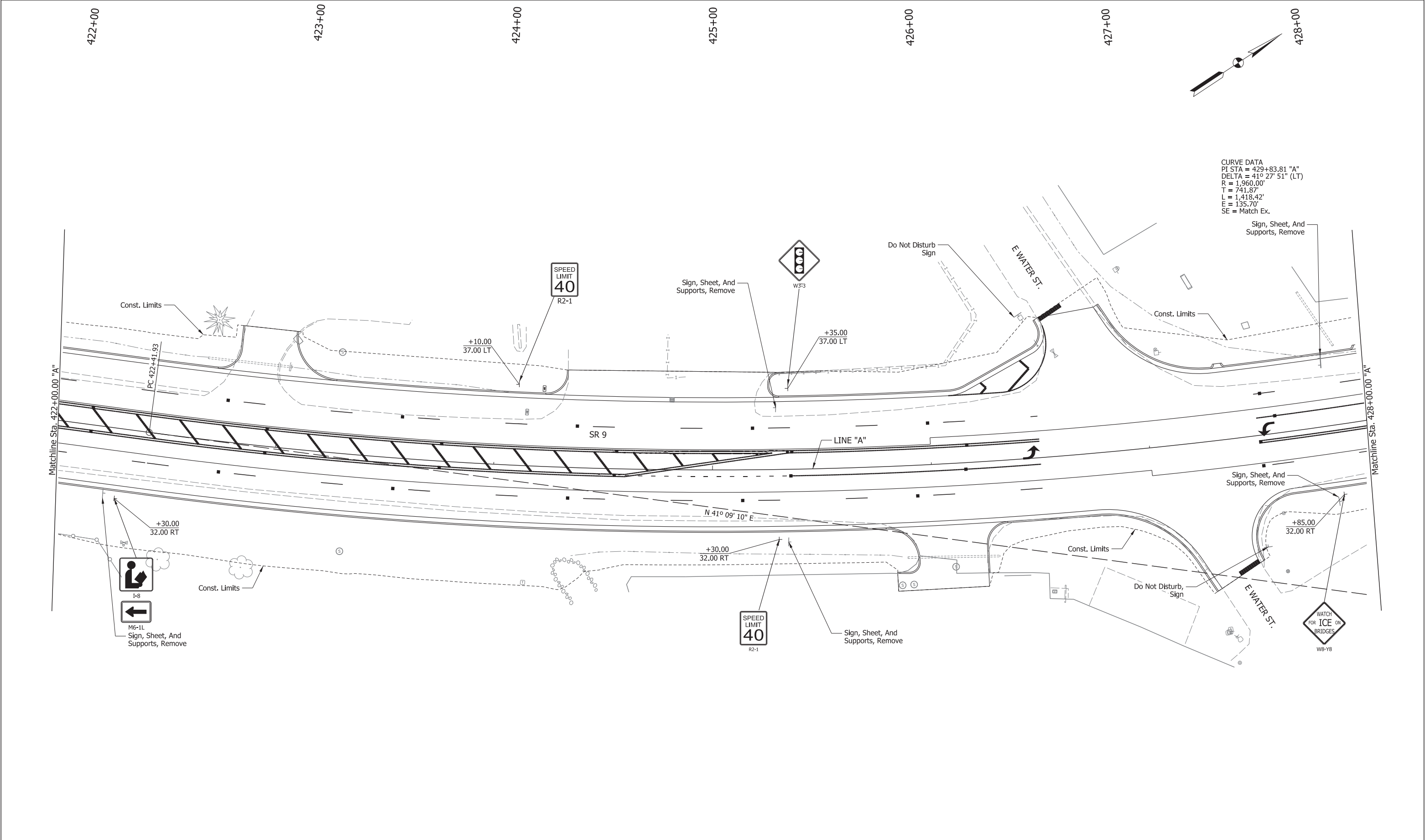


CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: HMM _____ DRAWN: BDM _____ CHECKED: SMS _____ CHECKED: MJV _____	INDIANA DEPARTMENT OF TRANSPORTATION SIGNING DETAILS US 36 - LINE "A"	SCALE 1" = 20'-0"	BRIDGE FILE
					DESIGNATION
				SURVEY BOOK	SHEETS
				ELECTRONIC CONTRACT R-41837	179 of 243 PROJECT 1702936, 1802854, 2001127

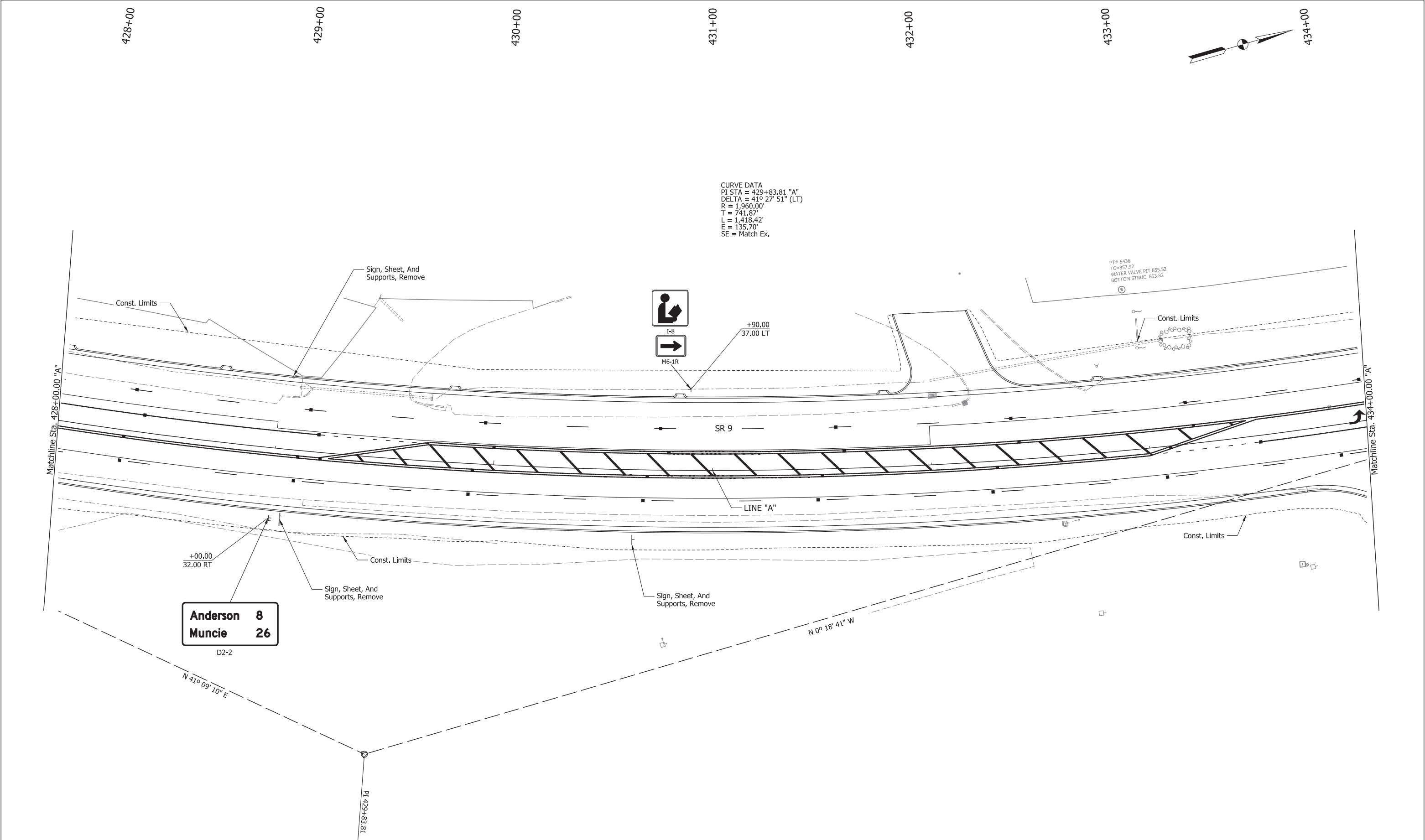


CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMH DRAWN: BDM		SIGNING DETAILS US 36 - LINE "A"			DESIGNATION 1702936, 1802854, 2001127
		CHECKED: SMS CHECKED: MJV				SURVEY BOOK ELECTRONIC	SHEETS 180 of 243
						CONTRACT R-41837	PROJECT 1702936, 1802854, 2001127

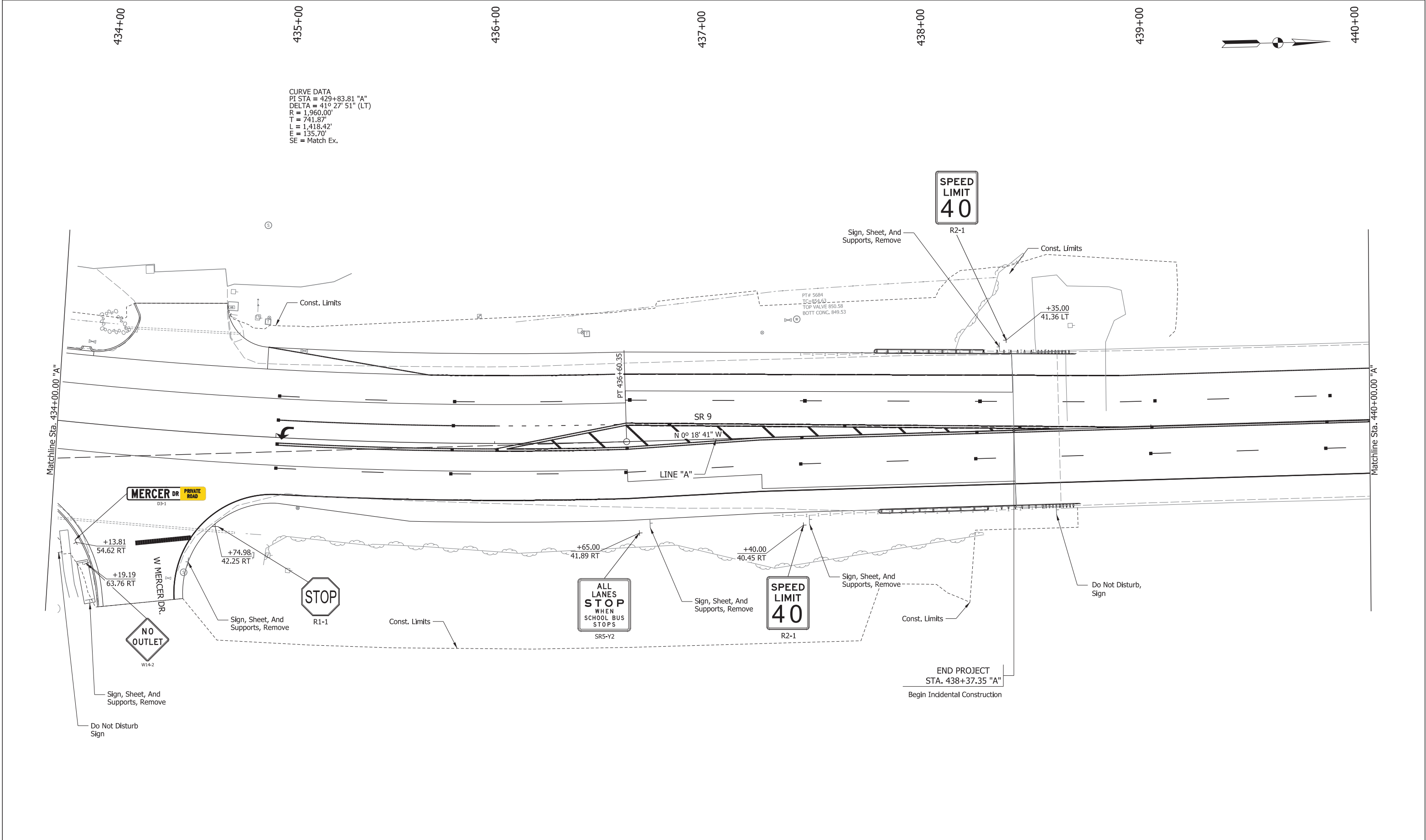




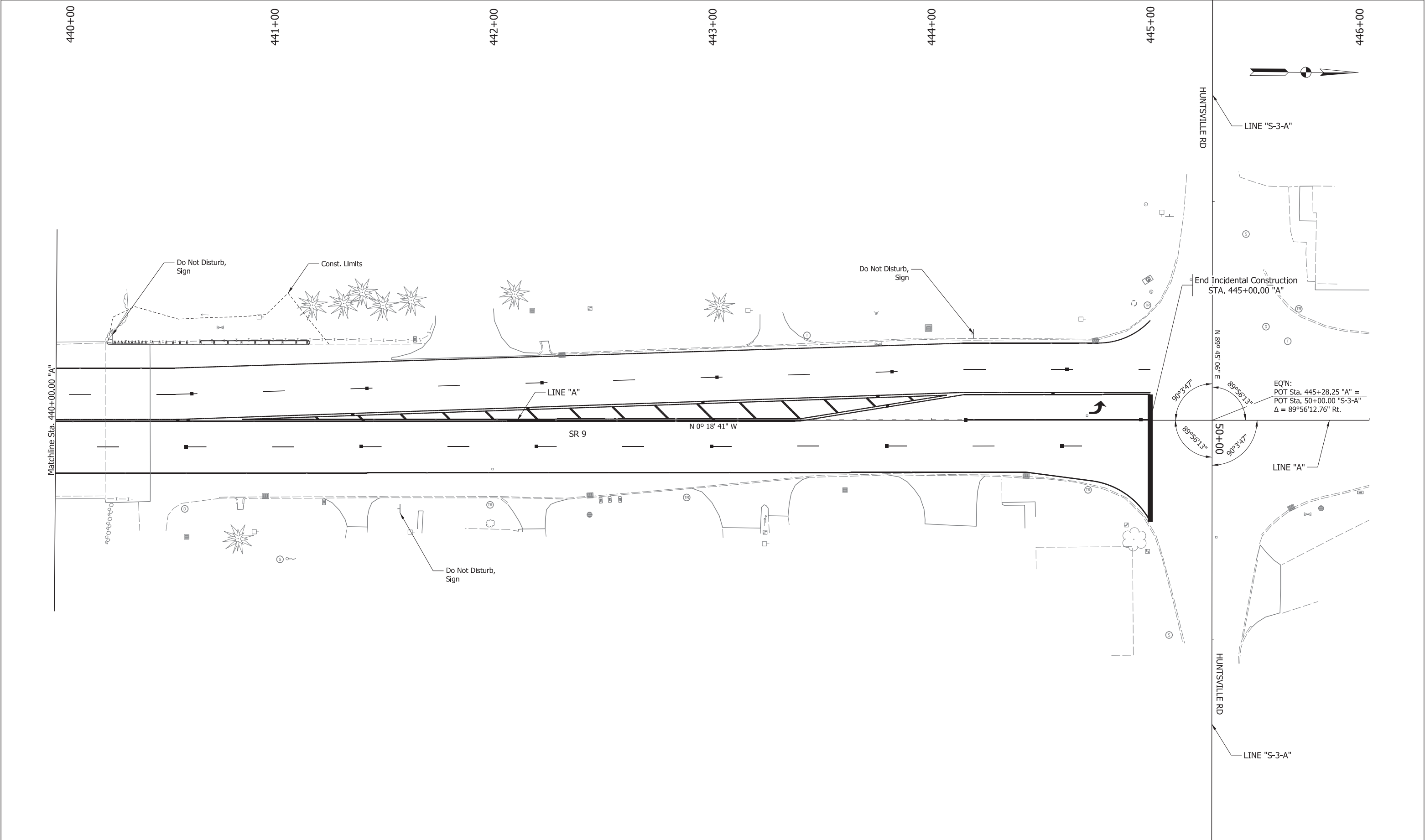
CDMSmith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMH CHECKED: SMS		DRAWN: BDM CHECKED: MJV		DESIGNATION 1702936, 1802854, 2001127	
				SIGNING DETAILS SR 9 - LINE "A"		SURVEY BOOK ELECTRONIC CONTRACT R-41837	SHEETS 183 of 243 PROJECT 1702936, 1802854, 2001127



CDMSmith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMM CHECKED: SMS		DRAWN: BDM CHECKED: MJV		SURVEY BOOK	SHEETS
						ELECTRONIC CONTRACT R-41837	184 of 243 PROJECT
							1702936, 1802854, 2001127



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: HMM _____ DRAWN: BDM _____ CHECKED: SMS _____ CHECKED: MJV _____	INDIANA DEPARTMENT OF TRANSPORTATION SIGNING DETAILS SR 9 - LINE "A"	SCALE 1" = 20'-0"	BRIDGE FILE
					DESIGNATION
					1702936, 1802854, 2001127
				SURVEY BOOK	SHEETS
				ELECTRONIC	185 of 243
				CONTRACT	PROJECT
				R-41837	1702936, 1802854, 2001127



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____ DESIGNED: HMH _____ DRAWN: BDM _____ CHECKED: SMS _____ CHECKED: MJV _____	INDIANA DEPARTMENT OF TRANSPORTATION SIGNING DETAILS SR 9 - LINE "A"	SCALE 1" = 20'-0"	BRIDGE FILE
				DESIGNATION	
				1702936, 1802854, 2001127	
				SURVEY BOOK	SHEETS
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				CONTRACT	PROJECT
				R-41837	1702936, 1802854, 2001127

95+00

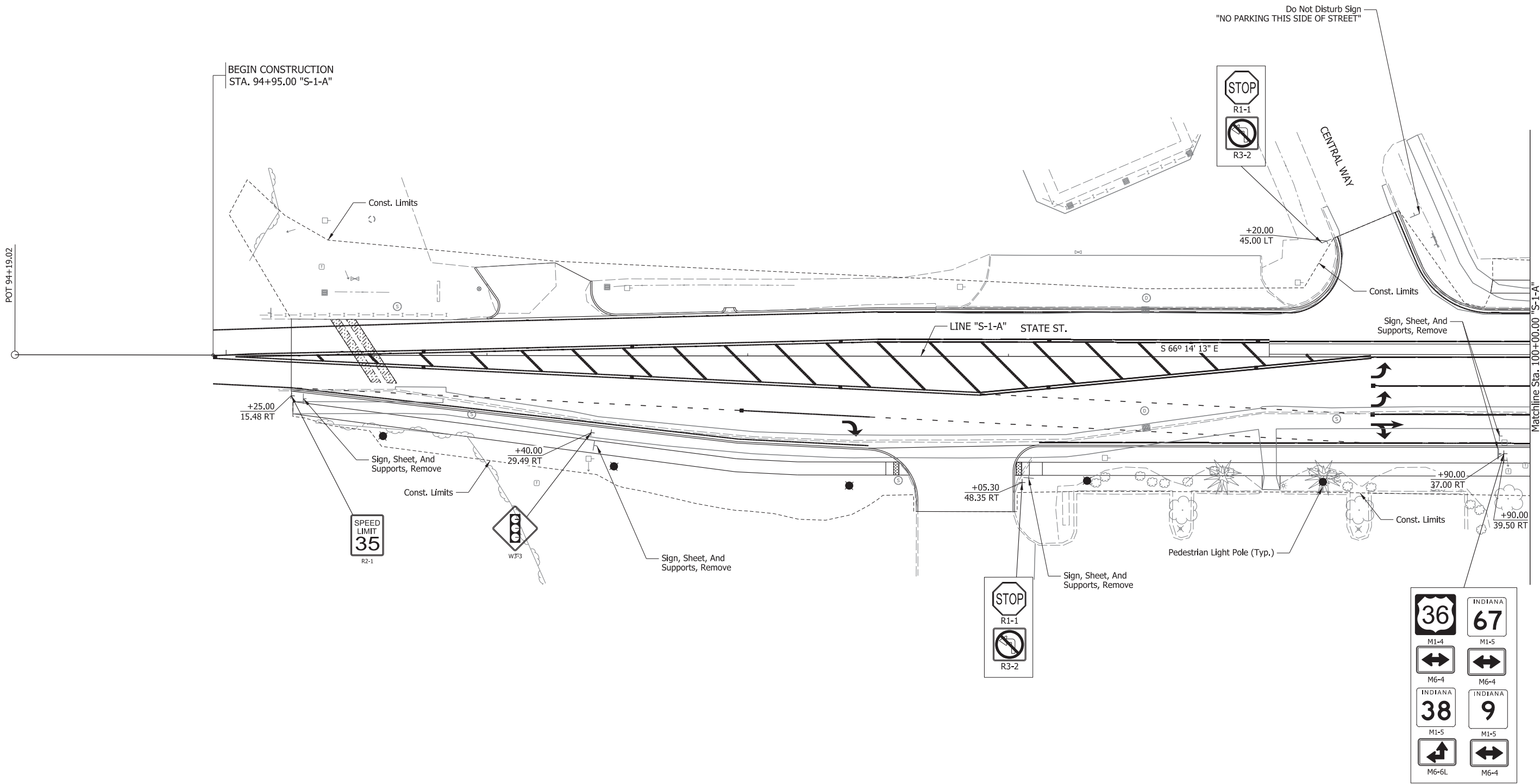
96+00

97+00

98+00

99+00

100+00



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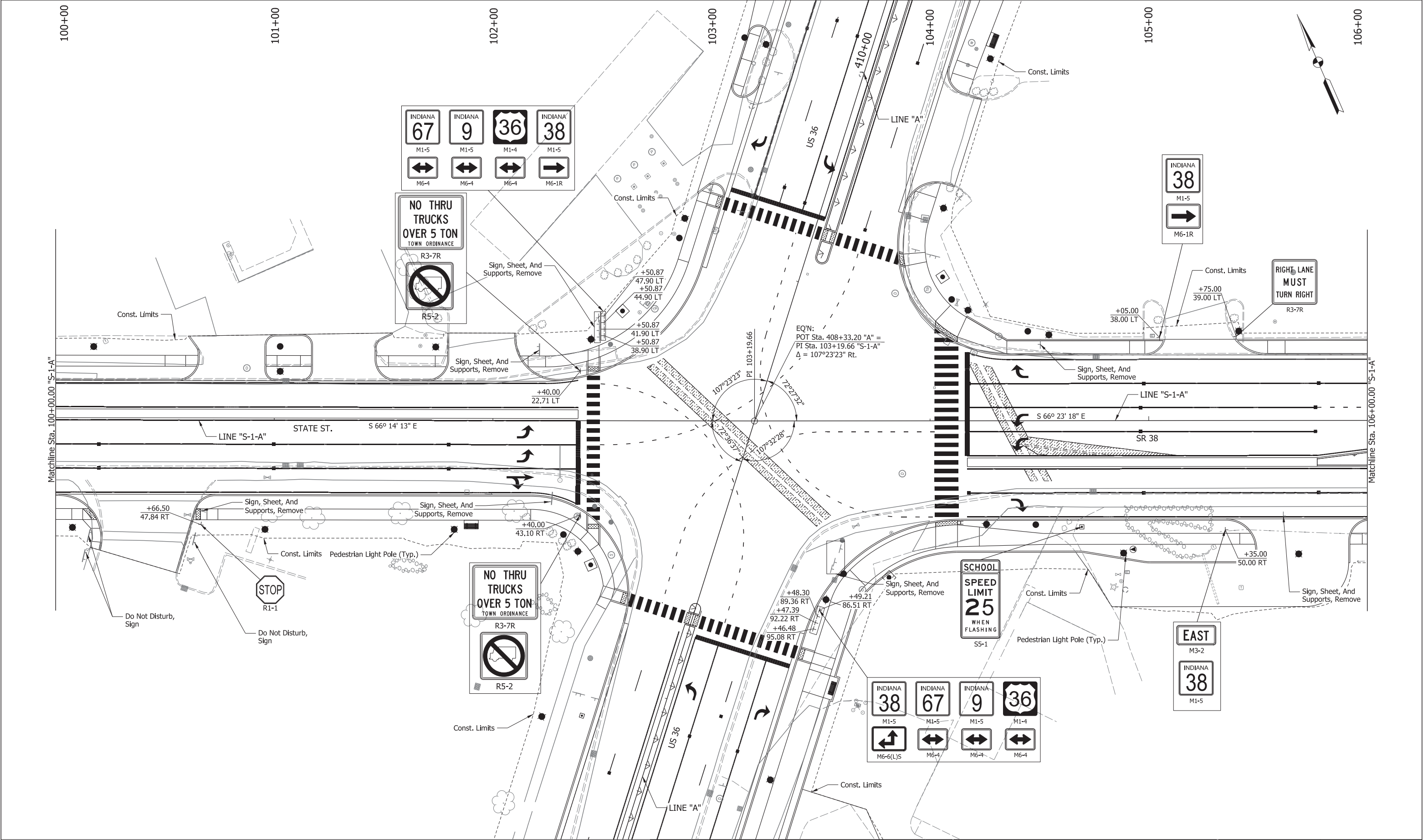
STAGE 3

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: HMM	DRAWN: BDM	
CHECKED: SMS	CHECKED: MJV	

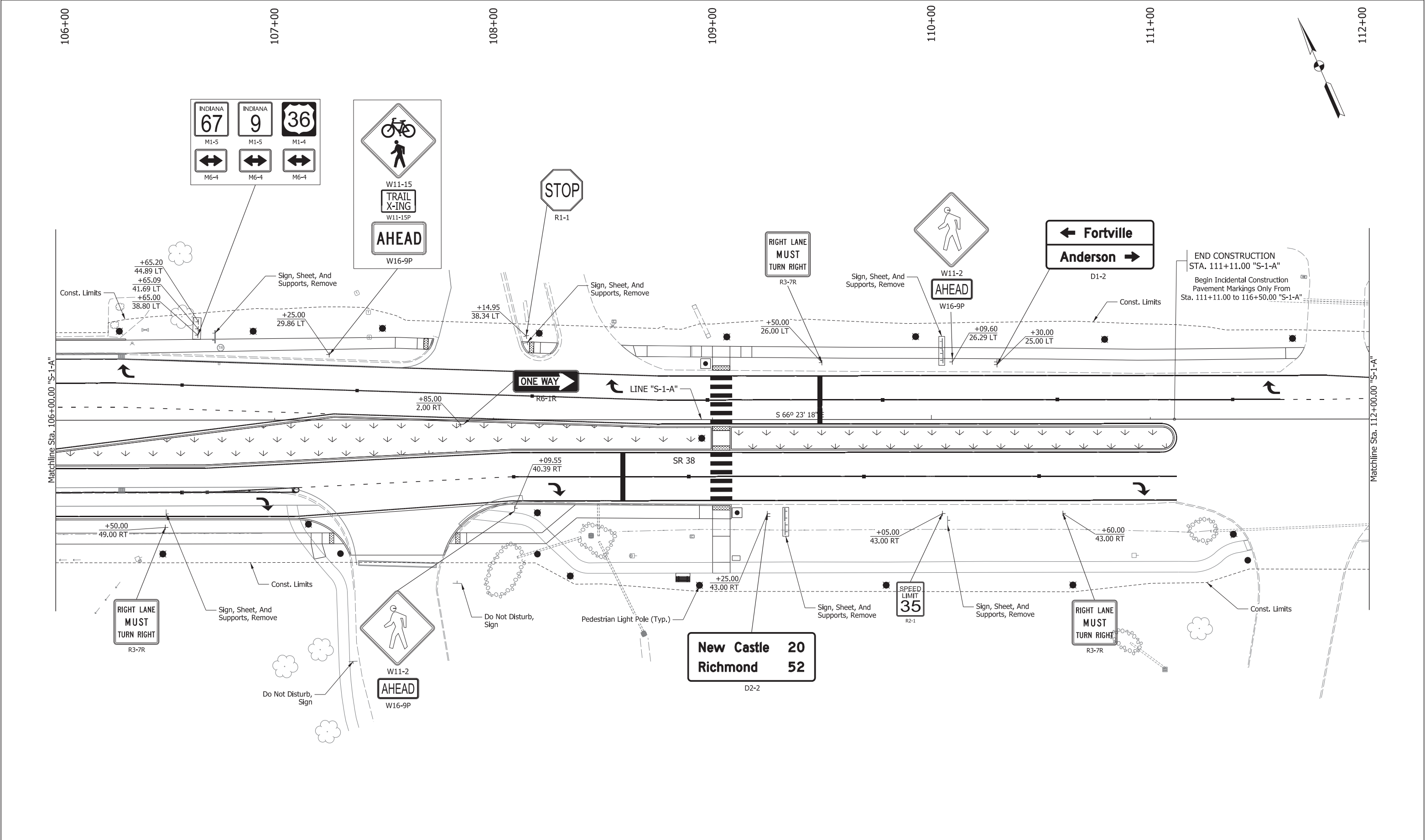
INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
STATE ST - LINE "S-1-A"

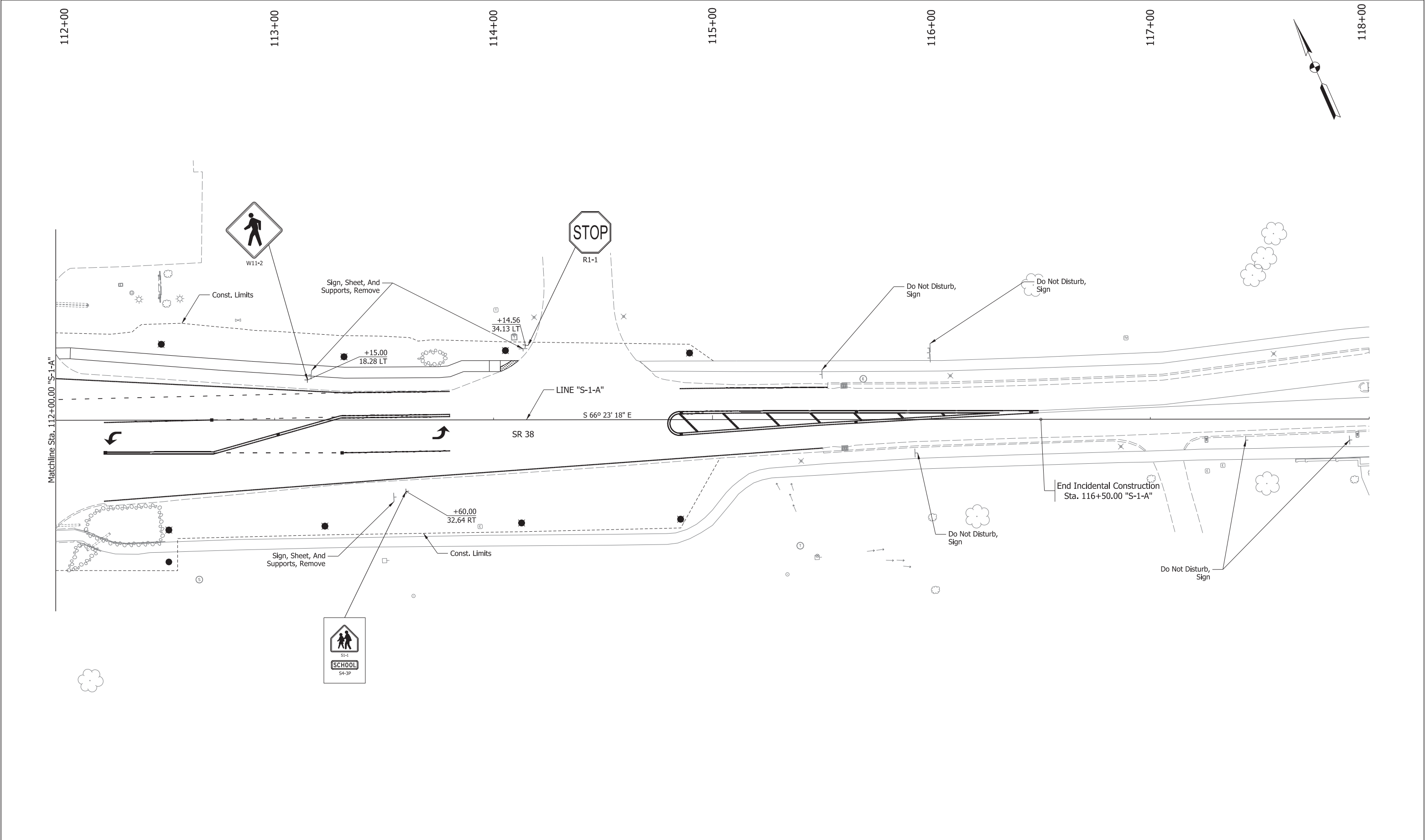
SCALE 1" = 20'-0"	BRIDGE FILE	
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	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	187	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



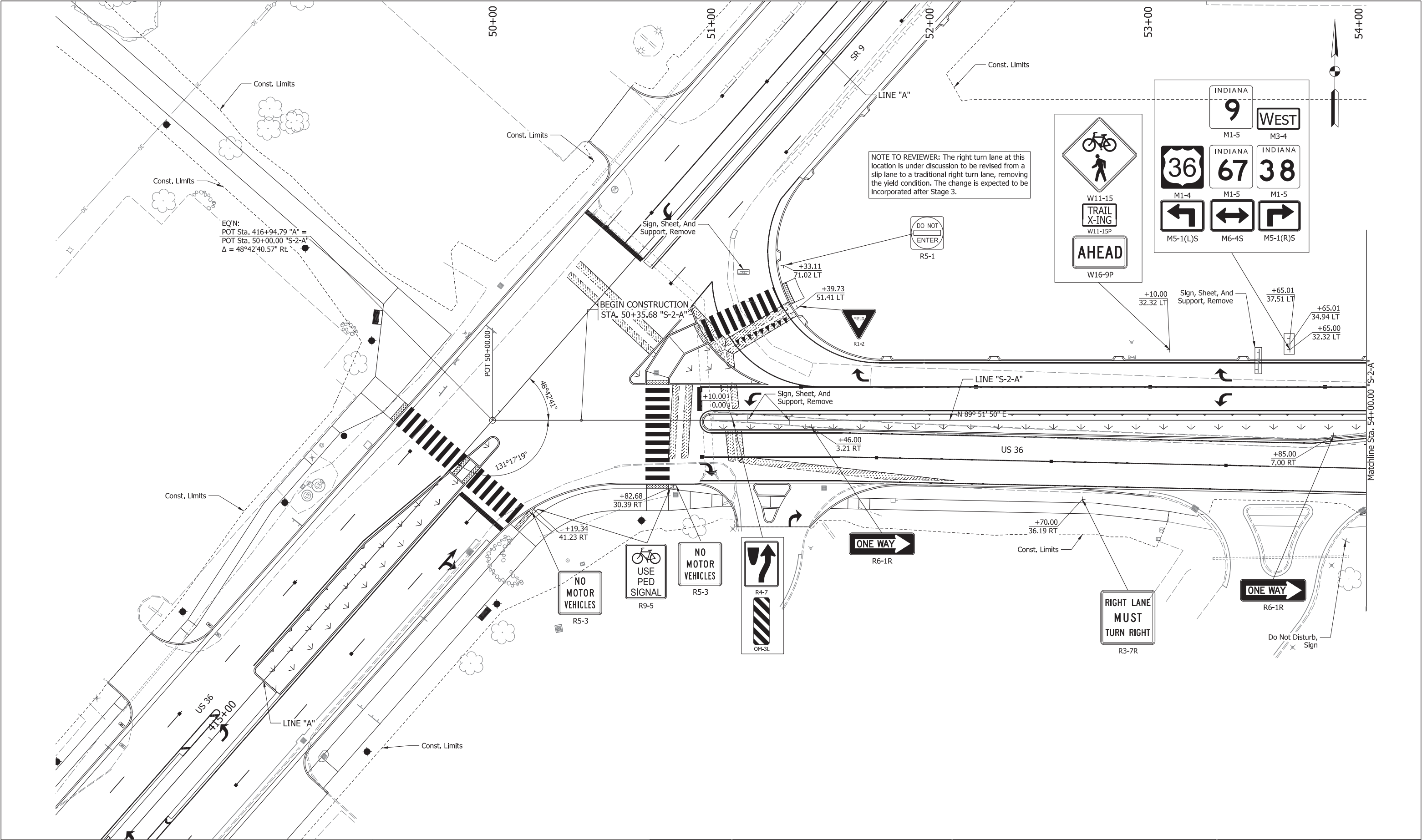
CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMH CHECKED: SMS		DRAWN: BDM CHECKED: MJV		SIGNING DETAILS STATE ST / SR 38 - LINE "S-1-A"	
						SURVEY BOOK	SHEETS
						ELECTRONIC CONTRACT R-41837	188 of 243 PROJECT
						1702936, 1802854, 2001127	



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION SIGNING DETAILS SR 38 - LINE "S-1-A"	SCALE	BRIDGE FILE
				1" = 20'-0"	DESIGNATION
					1702936, 1802854, 2001127
				SURVEY BOOK	SHEETS
		DESIGNED: HMH CHECKED: SMS	DRAWN: BDM CHECKED: MJV	ELECTRONIC	189 of 243
				CONTRACT	PROJECT
				R-41837	1702936, 1802854, 2001127



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____		DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION				SCALE 1" = 20'-0"		BRIDGE FILE	
		DESIGNED: <u>HMH</u>		DRAWN: <u>BDM</u>		SIGNING DETAILS SR 38 - LINE "S-1-A"				SURVEY BOOK		SHEETS			
		CHECKED: <u>SMS</u>		CHECKED: <u>MJV</u>						ELECTRONIC		190 of 243			
										CONTRACT		PROJECT			
						R-41837		1702936, 1802854, 2001127							





211 North Pennsylvania Street, Ste 1750
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Tel: (317) 829-9600

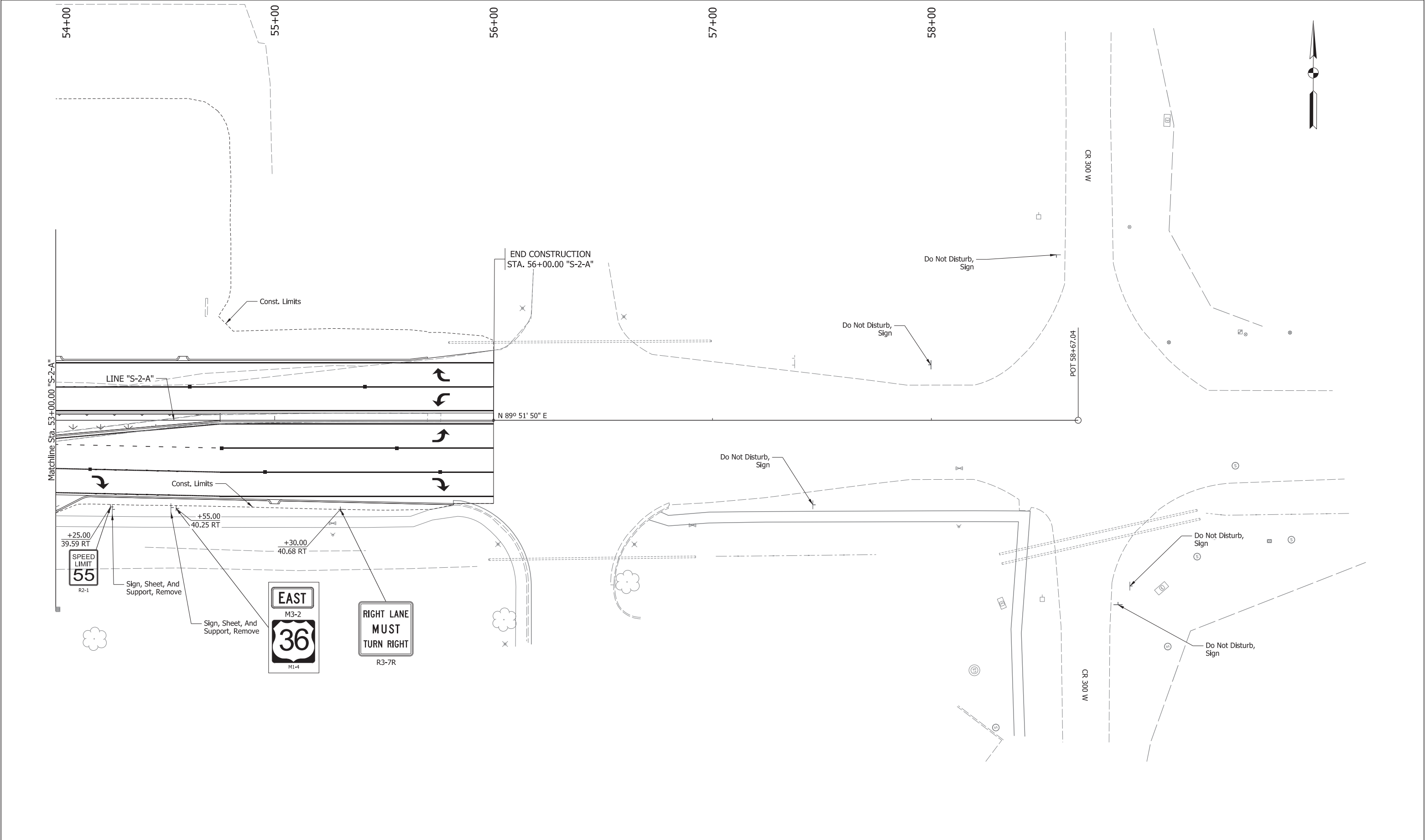
STAGE 3

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER _____ DATE _____
DESIGNED: HMM DRAWN: BDM
CHECKED: SMS CHECKED: MJV

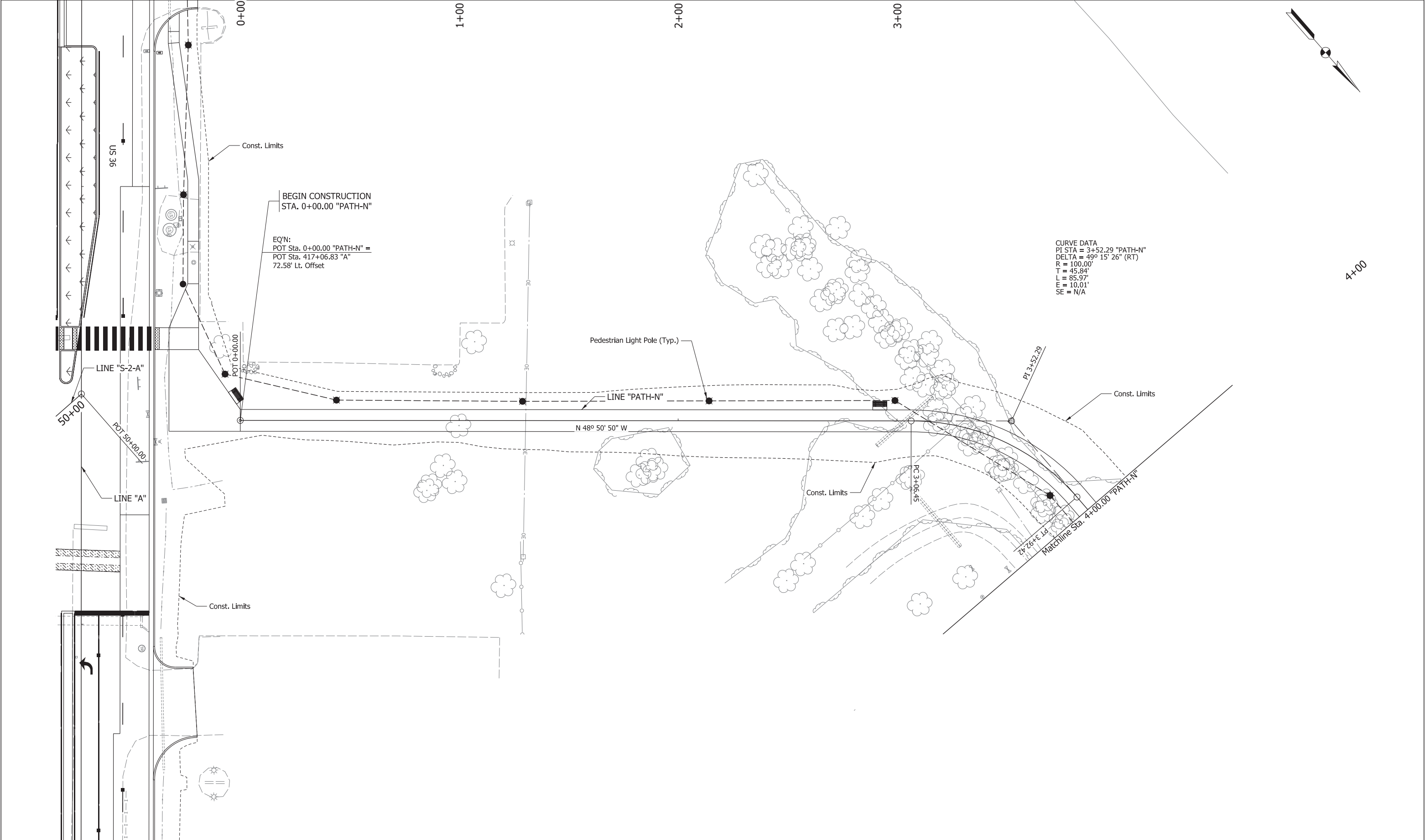
INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
US 36 - LINE "S-2-A"

SCALE 1" = 20'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	191 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



CDM Smith 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"		BRIDGE FILE			
		DESIGN ENGINEER _____		DATE _____				DESIGNATION			
								1702936, 1802854, 2001127			
		DESIGNED: <u>HMH</u>		DRAWN: <u>BDM</u>		SIGNING DETAILS US 36 - LINE "S-2-A"		SURVEY BOOK		SHEETS	
		CHECKED: <u>SMS</u>		CHECKED: <u>MJV</u>				ELECTRONIC		192 of 243	
						CONTRACT		PROJECT			
						R-41837		1702936, 1802854, 2001127			



See Page 93 for Construction Details Legend.



211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
SHARED-USE PATH - LINE "PATH-N"

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

193

of

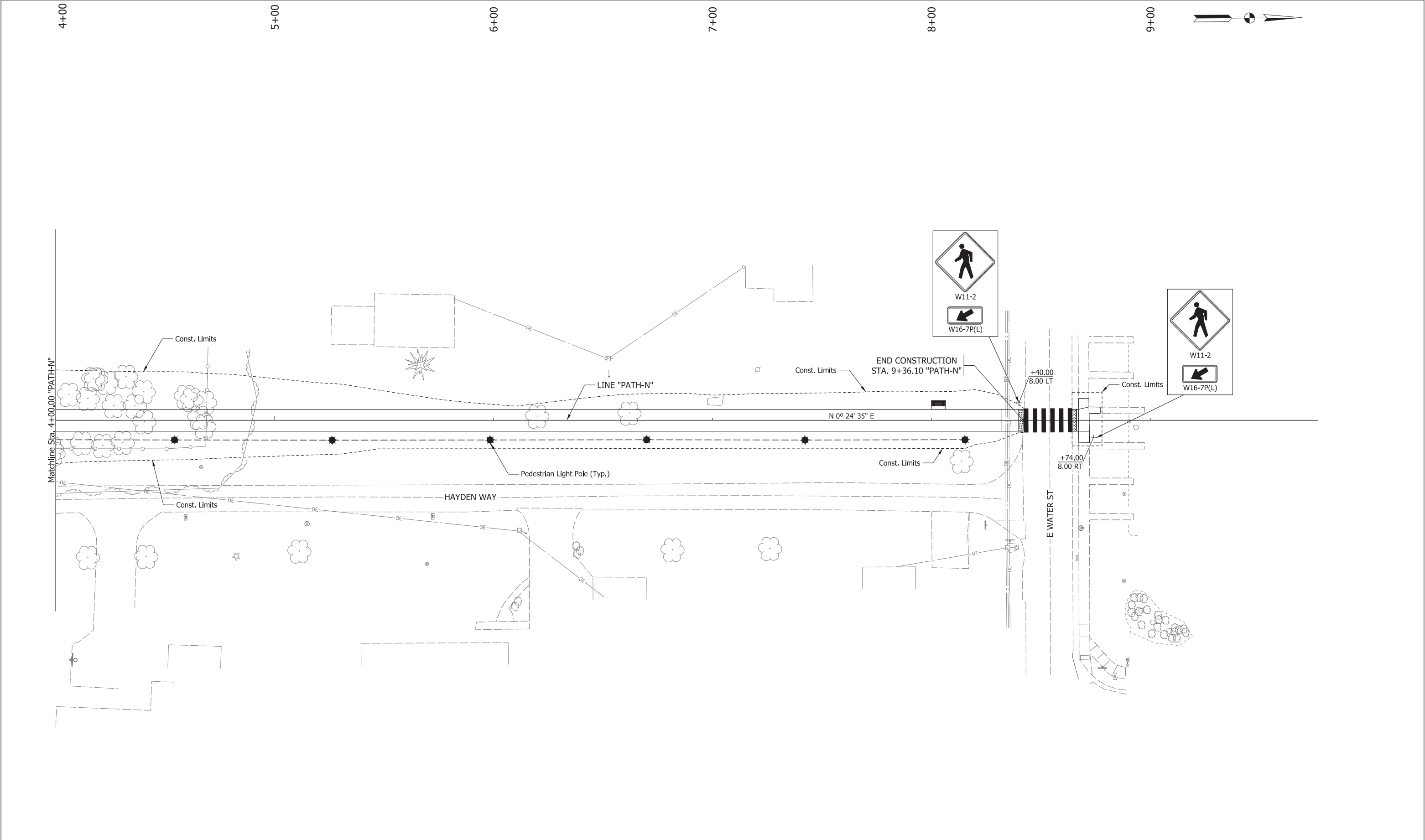
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



See Page 93 for Construction Details Legend.



211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: HMM	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

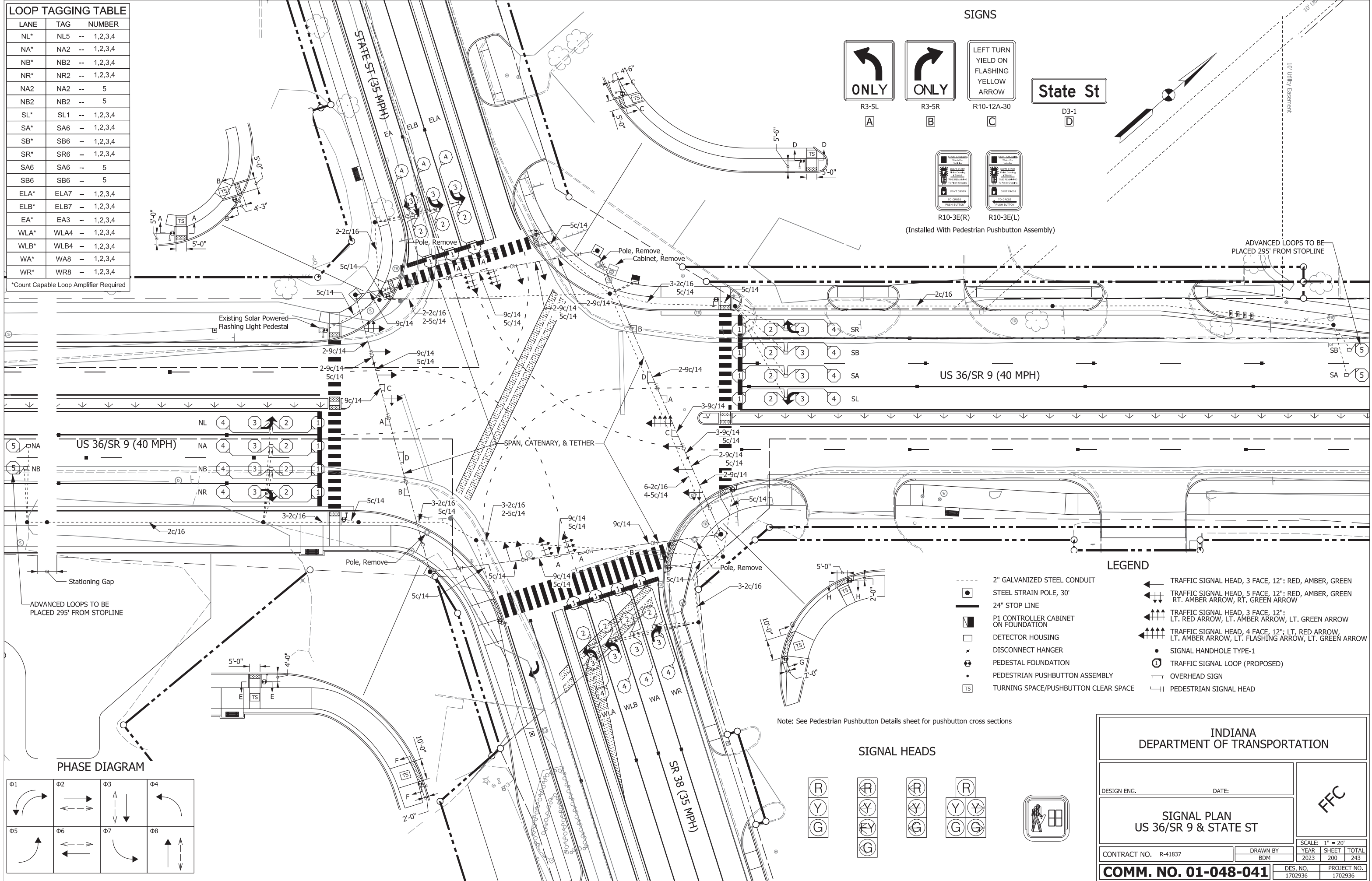
INDIANA
DEPARTMENT OF TRANSPORTATION

SIGNING DETAILS
SHARED-USE PATH - LINE "PATH-N"

SCALE 1" = 20'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	194	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	

LOOP TAGGING TABLE			
LANE	TAG	NUMBER	
NL*	NL5	--	1,2,3,4
NA*	NA2	--	1,2,3,4
NB*	NB2	--	1,2,3,4
NR*	NR2	--	1,2,3,4
NA2	NA2	--	5
NB2	NB2	--	5
SL*	SL1	--	1,2,3,4
SA*	SA6	--	1,2,3,4
SB*	SB6	--	1,2,3,4
SR*	SR6	--	1,2,3,4
SA6	SA6	--	5
SB6	SB6	--	5
ELA*	ELA7	--	1,2,3,4
ELB*	ELB7	--	1,2,3,4
EA*	EA3	--	1,2,3,4
WLA*	WLA4	--	1,2,3,4
WLB*	WLB4	--	1,2,3,4
WA*	WA8	--	1,2,3,4
WR*	WR8	--	1,2,3,4

*Count Capable Loop Amplifier Required

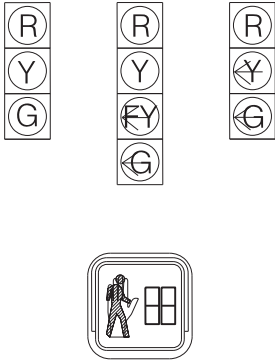


LOOP TAGGING TABLE

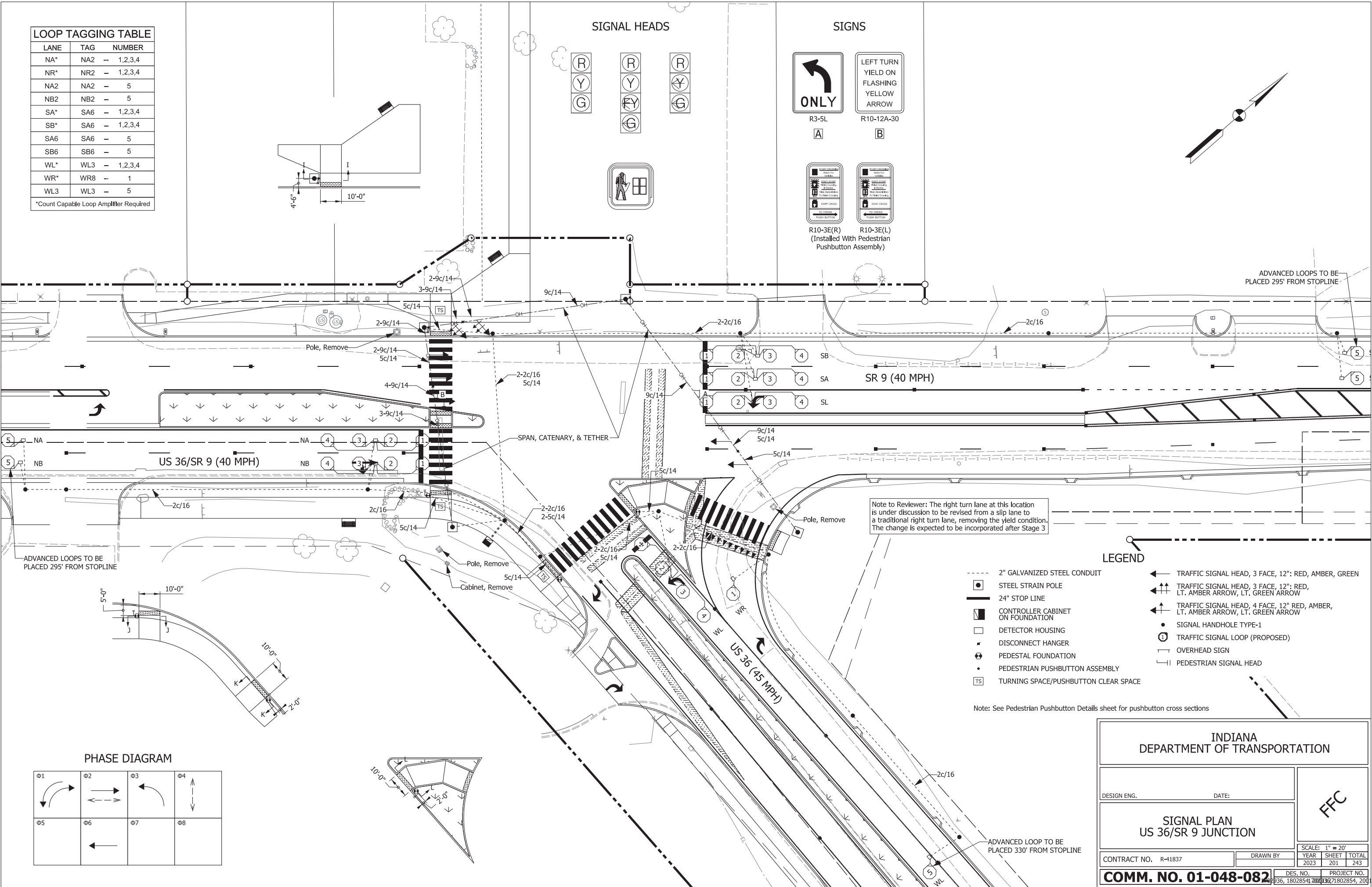
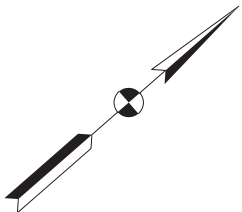
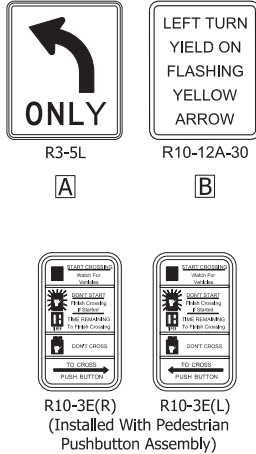
LANE	TAG	NUMBER
NA*	NA2 --	1,2,3,4
NR*	NR2 --	1,2,3,4
NA2	NA2 --	5
NB2	NB2 --	5
SA*	SA6 --	1,2,3,4
SB*	SA6 --	1,2,3,4
SA6	SA6 --	5
SB6	SB6 --	5
WL*	WL3 --	1,2,3,4
WR*	WR8 --	1
WL3	WL3 --	5

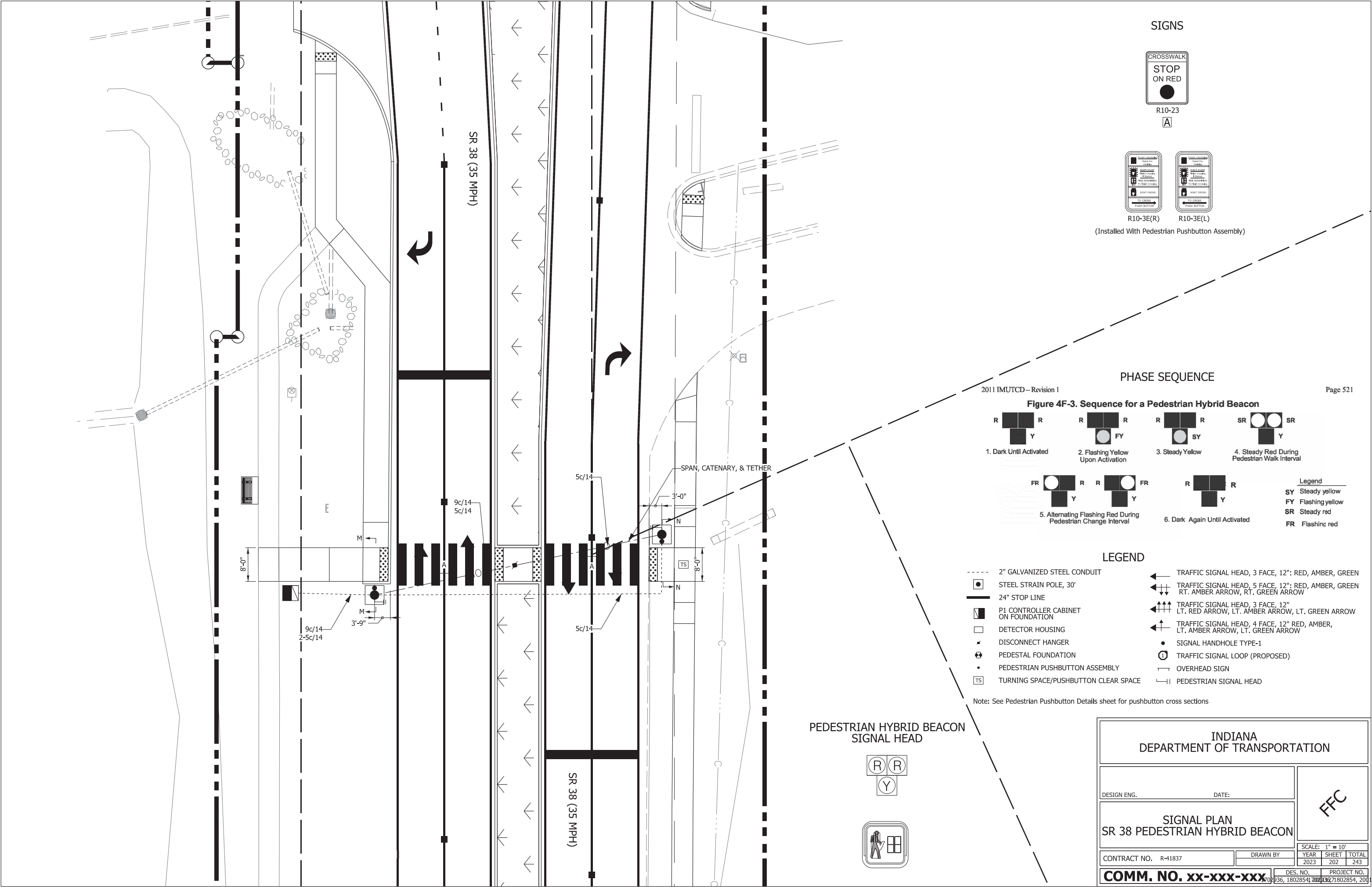
*Count Capable Loop Amplifier Required

SIGNAL HEADS



SIGNS





SIGNS



R10-23
A



R10-3E(R)



R10-3E(L)

(Installed With Pedestrian Pushbutton Assembly)

PHASE SEQUENCE

2011 IMUTCD – Revision 1

Figure 4F-3. Sequence for a Pedestrian Hybrid Beacon



- Legend
- SY Steady yellow
 - FY Flashing yellow
 - SR Steady red
 - FR Flashing red

LEGEND

- 2" GALVANIZED STEEL CONDUIT
- STEEL STRAIN POLE, 30'
- 24" STOP LINE
- P1 CONTROLLER CABINET ON FOUNDATION
- DETECTOR HOUSING
- DISCONNECT HANGER
- PEDESTAL FOUNDATION
- PEDESTRIAN PUSHBUTTON ASSEMBLY
- TURNING SPACE/PUSHBUTTON CLEAR SPACE
- TRAFFIC SIGNAL HEAD, 3 FACE, 12": RED, AMBER, GREEN
- TRAFFIC SIGNAL HEAD, 5 FACE, 12": RED, AMBER, GREEN RT. AMBER ARROW, RT. GREEN ARROW
- TRAFFIC SIGNAL HEAD, 3 FACE, 12" LT. RED ARROW, LT. AMBER ARROW, LT. GREEN ARROW
- TRAFFIC SIGNAL HEAD, 4 FACE, 12" RED, AMBER, LT. AMBER ARROW, LT. GREEN ARROW
- SIGNAL HANDHOLE TYPE-1
- TRAFFIC SIGNAL LOOP (PROPOSED)
- OVERHEAD SIGN
- PEDESTRIAN SIGNAL HEAD

Note: See Pedestrian Pushbutton Details sheet for pushbutton cross sections

INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGN ENG.

DATE:

SIGNAL PLAN
SR 38 PEDESTRIAN HYBRID BEACON

FFC

CONTRACT NO. R-41837

DRAWN BY

SCALE: 1" = 10'

YEAR SHEET TOTAL

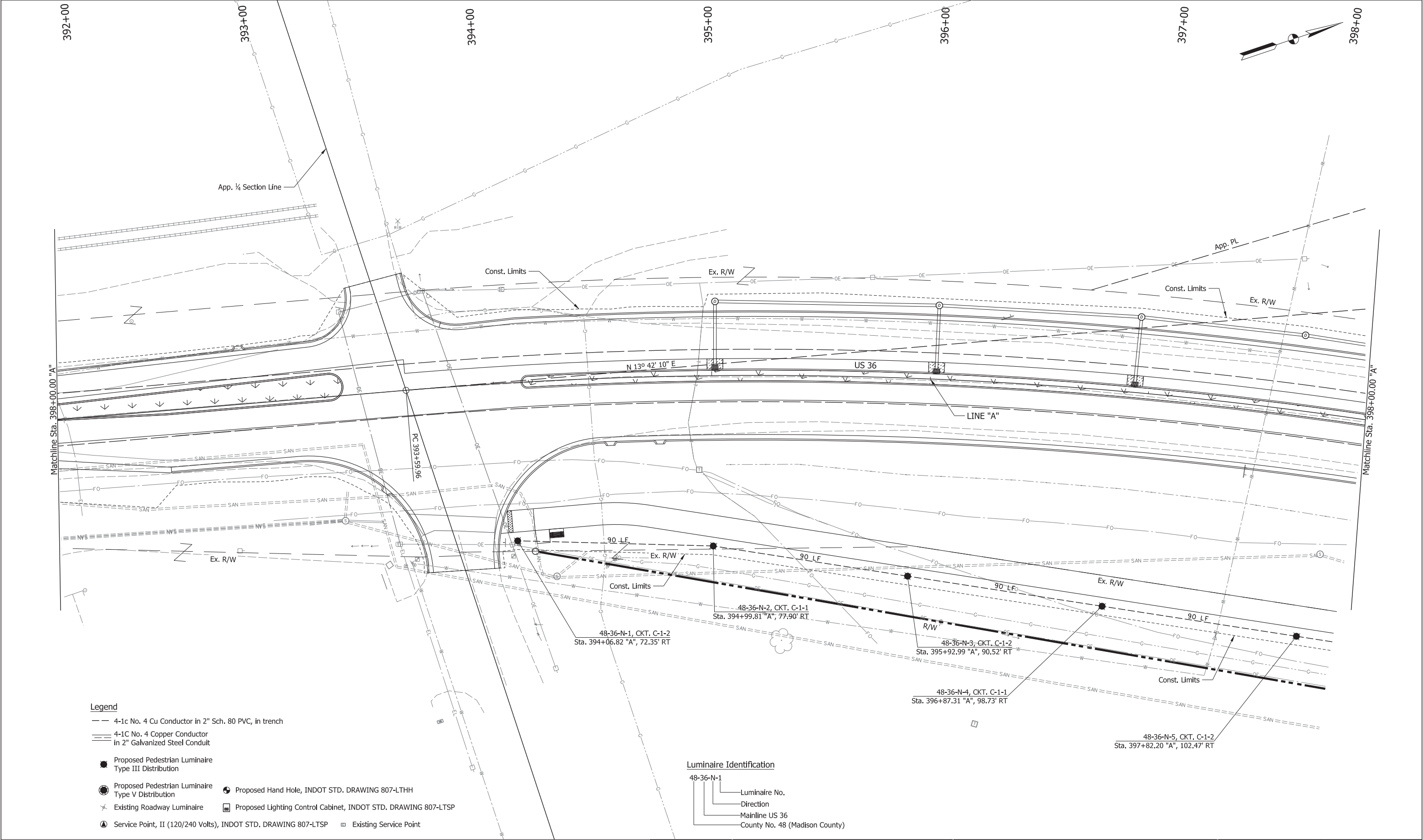
2023 202 243

COMM. NO. XX-XXX-XXX

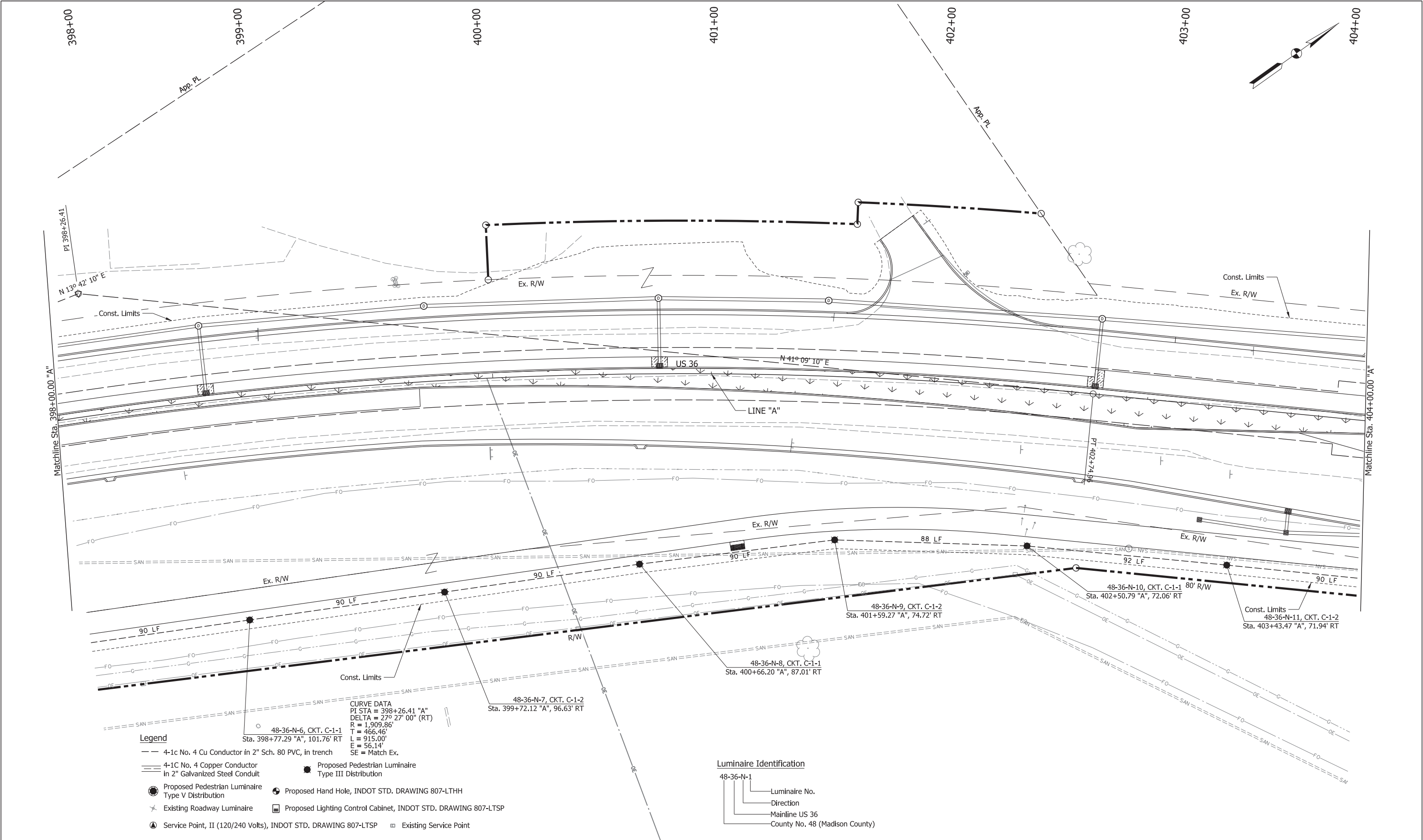
DES. NO.

PROJECT NO.

1802854, 2023, 1802854, 2023, 1802854, 2023



 211 North Pennsylvania Street, Ste 1750 Indianapolis, IN 46204 Tel: (317) 829-9600	STAGE 3	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE 1" = 20'-0"	BRIDGE FILE
		DESIGNED: HMH CHECKED: SMS		DRAWN: BDM CHECKED: MJV		SURVEY BOOK ELECTRONIC CONTRACT R-41837	DESIGNATION 1702936, 1802854, 2001127
				LIGHTING DETAILS US 36 - LINE "A"		SHEETS 204 of 243	PROJECT 1702936, 1802854, 2001127



Legend

- 4-1c No. 4 Cu Conductor in 2" Sch. 80 PVC, in trench
- 4-1c No. 4 Copper Conductor in 2" Galvanized Steel Conduit
- Proposed Pedestrian Luminaire Type V Distribution
- Existing Roadway Luminaire
- Service Point, II (120/240 Volts), INDOT STD. DRAWING 807-LTSP
- Proposed Pedestrian Luminaire Type III Distribution
- Proposed Hand Hole, INDOT STD. DRAWING 807-LTHH
- Proposed Lighting Control Cabinet, INDOT STD. DRAWING 807-LTSP
- Existing Service Point

CURVE DATA
PI STA = 398+26.41 "A"
DELTA = 27° 27' 00" (RT)
R = 1,909.86'
T = 466.46'
L = 915.00'
E = 56.14'
SE = Match Ex.

Luminaire Identification

- 48-36-N-1
- Luminaire No.
- Direction
- Mainline US 36
- County No. 48 (Madison County)

**CDM
Smith**

211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

**LIGHTING DETAILS
US 36 - LINE "A"**

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

205

of

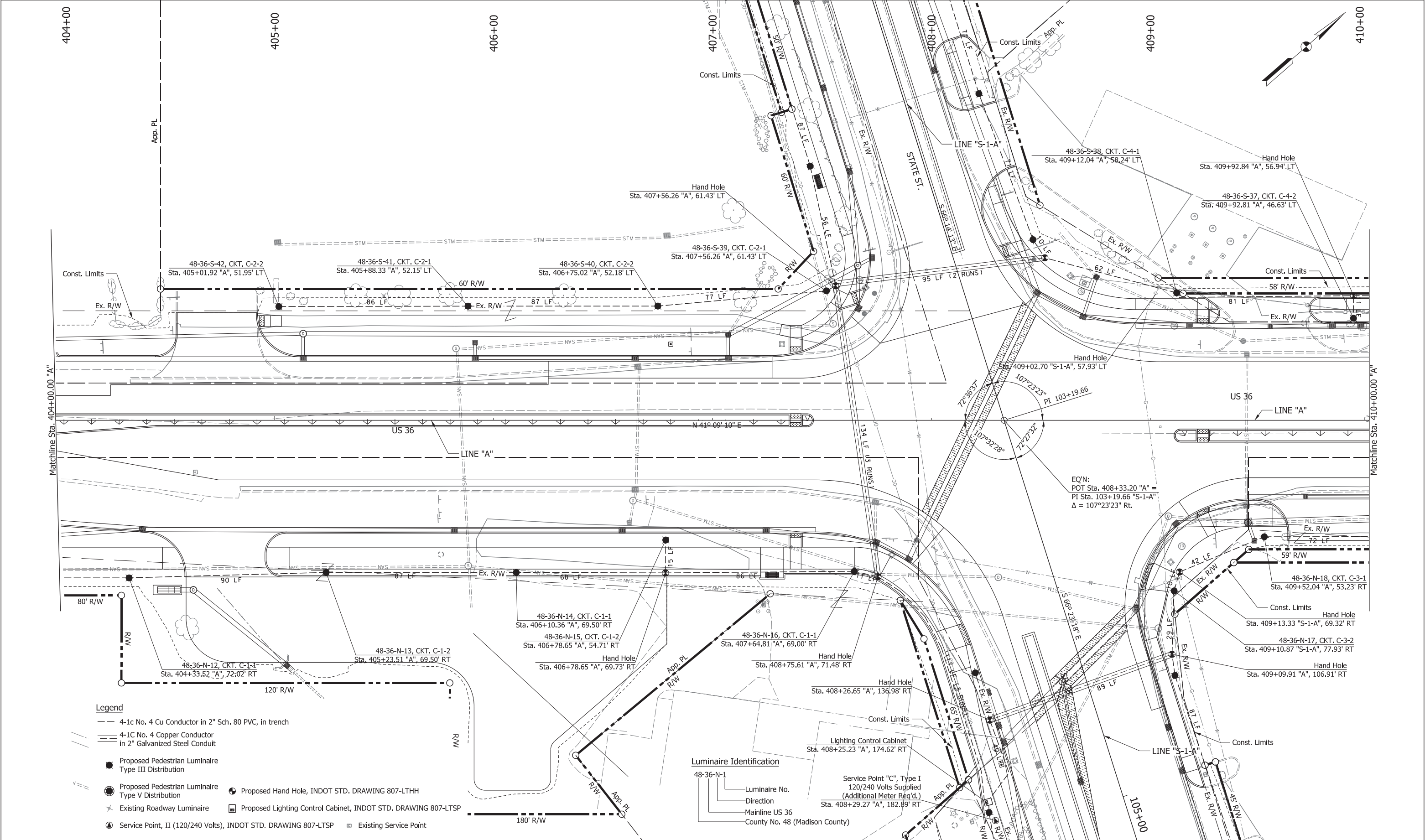
243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Legend

- 4-1c No. 4 Cu Conductor in 2" Sch. 80 PVC, in trench
- 4-1C No. 4 Copper Conductor in 2" Galvanized Steel Conduit
- Proposed Pedestrian Luminaire Type III Distribution
- Proposed Pedestrian Luminaire Type V Distribution
- Existing Roadway Luminaire
- Service Point, II (120/240 Volts), INDOT STD. DRAWING 807-LTSP
- Proposed Hand Hole, INDOT STD. DRAWING 807-LTHH
- Proposed Lighting Control Cabinet, INDOT STD. DRAWING 807-LTSP
- Existing Service Point

Luminaire Identification

- 48-36-N-1
- Luminaire No.
- Direction
- Mainline US 36
- County No. 48 (Madison County)

**CDM
Smith**

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

**LIGHTING DETAILS
US 36 - LINE "A"**

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

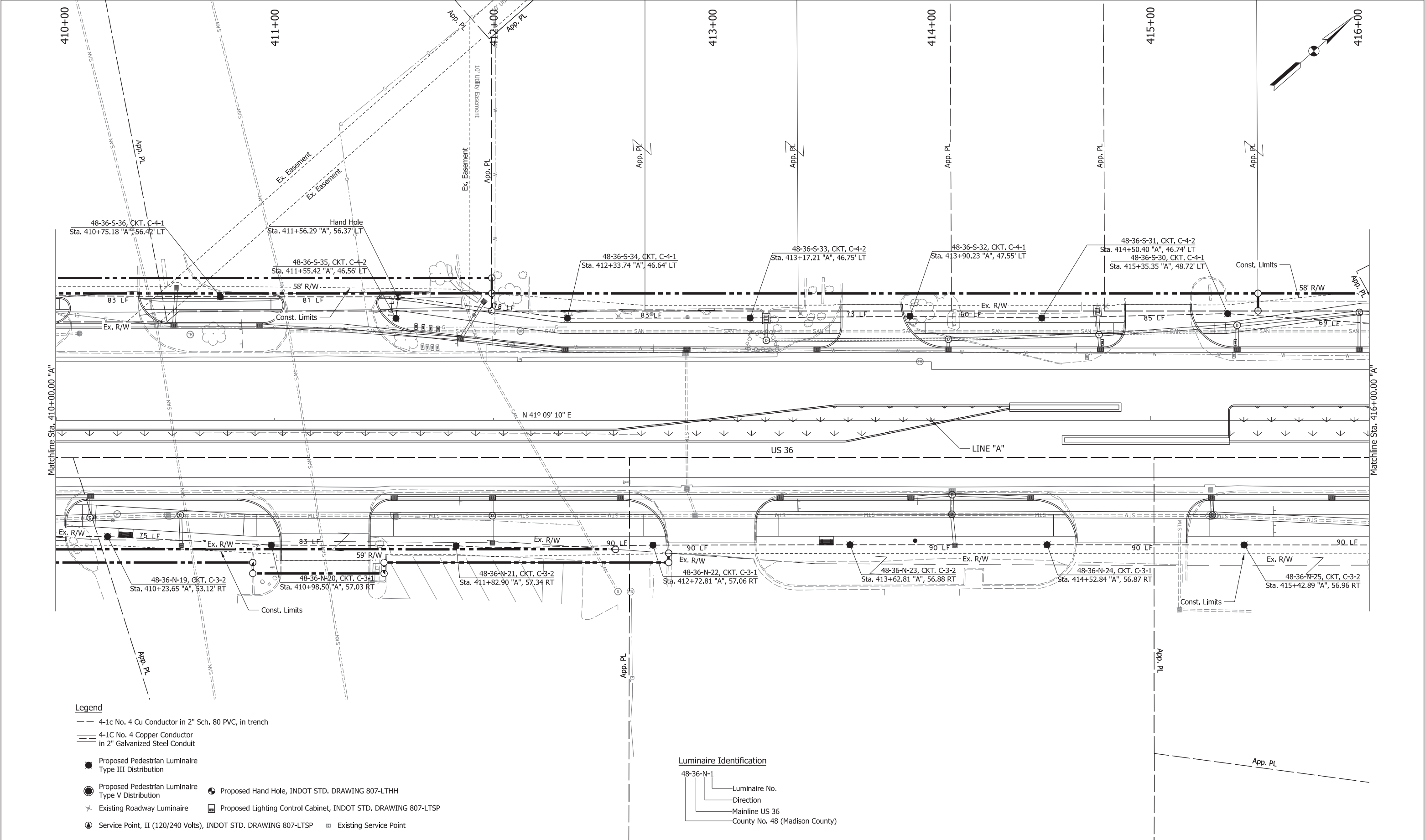
206 of 243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127



Legend

- 4-1c No. 4 Cu Conductor in 2" Sch. 80 PVC, in trench
- 4-1C No. 4 Copper Conductor in 2" Galvanized Steel Conduit
- Proposed Pedestrian Luminaire Type III Distribution
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- Existing Roadway Luminaire
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- Proposed Hand Hole, INDOT STD. DRAWING 807-LTHH
- Proposed Lighting Control Cabinet, INDOT STD. DRAWING 807-LTSP
- Existing Service Point

Luminaire Identification

- 48-36-N-1
- Luminaire No.
- Direction
- Mainline US 36
- County No. 48 (Madison County)

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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: HMM

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS
US 36 - LINE "A"

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

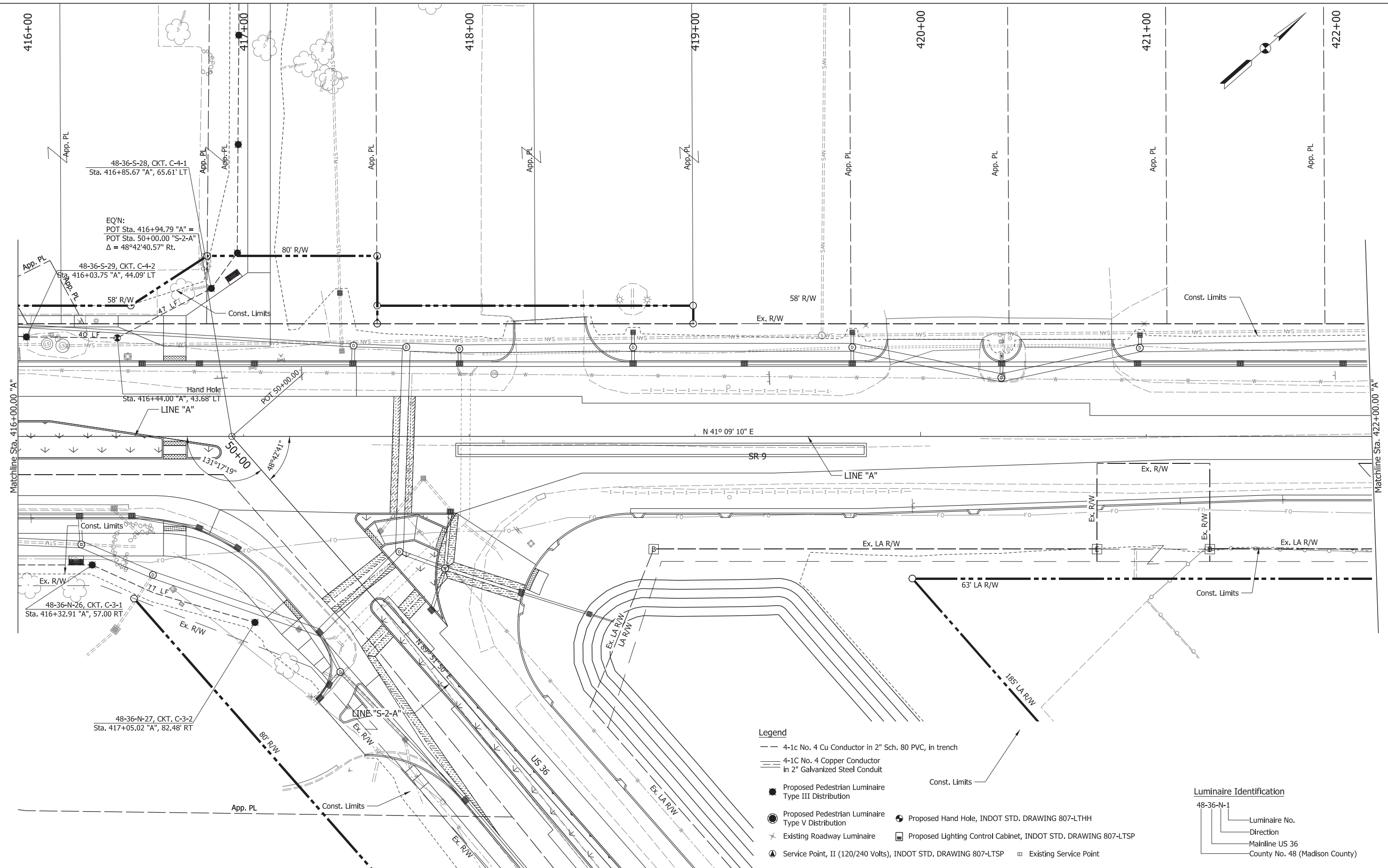
R-41837

SHEETS

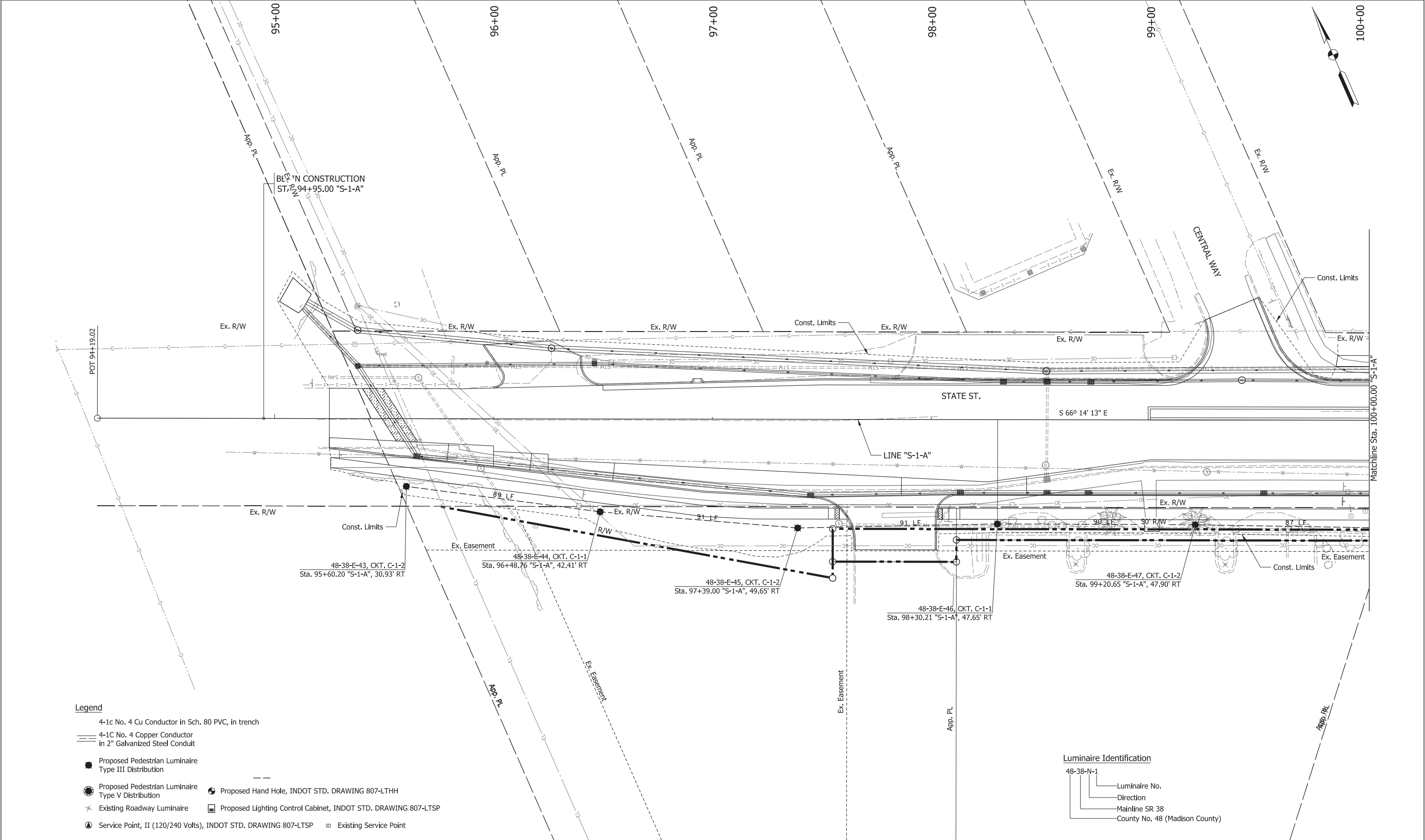
207 of 243

PROJECT

1702936, 1802854, 2001127



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		SCALE		BRIDGE FILE			
				1" = 20'-0"					
						DESIGNATION			
						1702936, 1802854, 2001127			
DESIGNED: HMH		DRAWN: BDM		LIGHTING DETAILS US 36 - LINE "A"		SURVEY BOOK		SHEETS	
						ELECTRONIC		208 of 243	
						CONTRACT		PROJECT	
CHECKED: SMS		CHECKED: MJV				R-41837		1702936, 1802854, 2001127	



Legend

- 4-1c No. 4 Cu Conductor in Sch. 80 PVC, in trench
- 4-1C No. 4 Copper Conductor in 2" Galvanized Steel Conduit
- Proposed Pedestrian Luminaire Type III Distribution
- Proposed Pedestrian Luminaire Type V Distribution
- Existing Roadway Luminaire
- Service Point, II (120/240 Volts), INDOT STD. DRAWING 807-LTSP
- Proposed Hand Hole, INDOT STD. DRAWING 807-LTHH
- Proposed Lighting Control Cabinet, INDOT STD. DRAWING 807-LTSP
- Existing Service Point

Luminaire Identification

- 48-38-N-1
- Luminaire No.
- Direction
- Mainline SR 38
- County No. 48 (Madison County)

**CDM
Smith**

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Indianapolis, IN 46204
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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

**LIGHTING DETAILS
STATE STREET - LINE "S-1-A"**

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

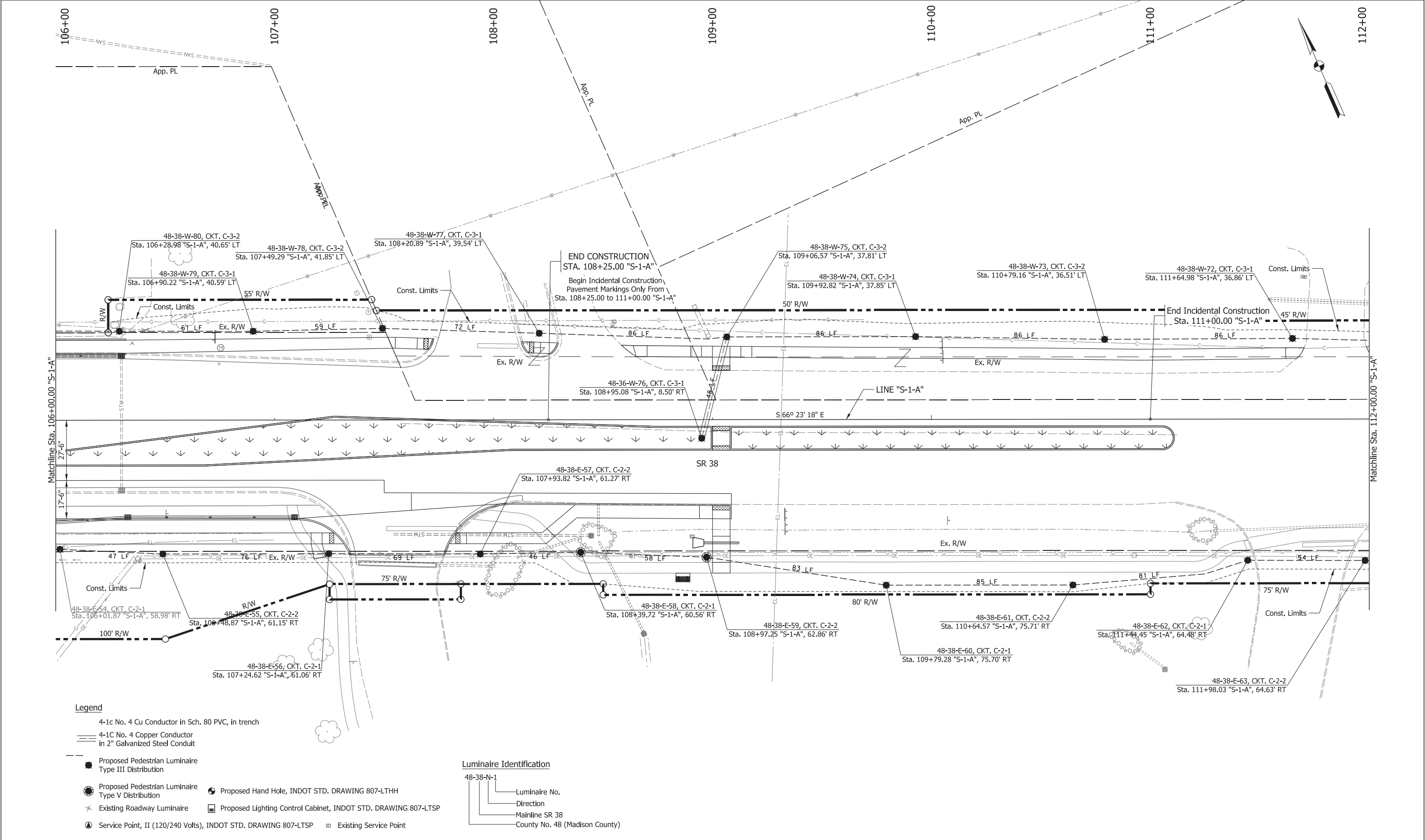
R-41837

SHEETS

209 of 243

PROJECT

1702936, 1802854, 2001127



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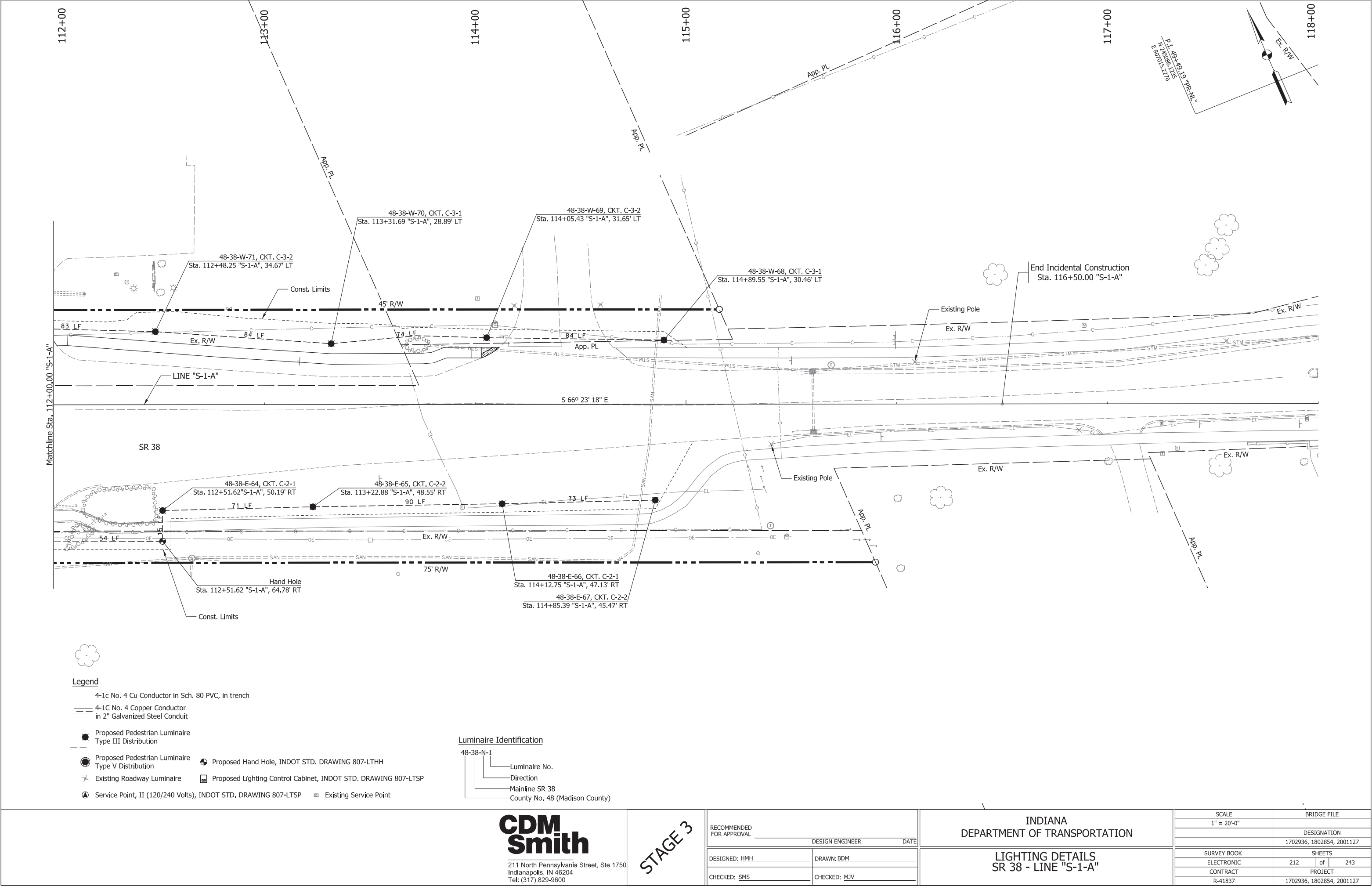
STAGE 3

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: HMM		DRAWN: BDM			
CHECKED: SMS		CHECKED: MJV			

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS
SR 38 - LINE "S-1-A"

SCALE 1" = 20'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	211 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



Legend

- 4-1c No. 4 Cu Conductor in Sch. 80 PVC, in trench
- 4-1C No. 4 Copper Conductor in 2" Galvanized Steel Conduit
- Proposed Pedestrian Luminaire Type III Distribution
- Proposed Pedestrian Luminaire Type V Distribution
- Existing Roadway Luminaire
- Service Point, II (120/240 Volts), INDOT STD. DRAWING 807-LTSP
- Proposed Hand Hole, INDOT STD. DRAWING 807-LTHH
- Proposed Lighting Control Cabinet, INDOT STD. DRAWING 807-LTSP
- Existing Service Point

Luminaire Identification

- 48-38-N-1
- Luminaire No.
- Direction
- Mainline SR 38
- County No. 48 (Madison County)

**CDM
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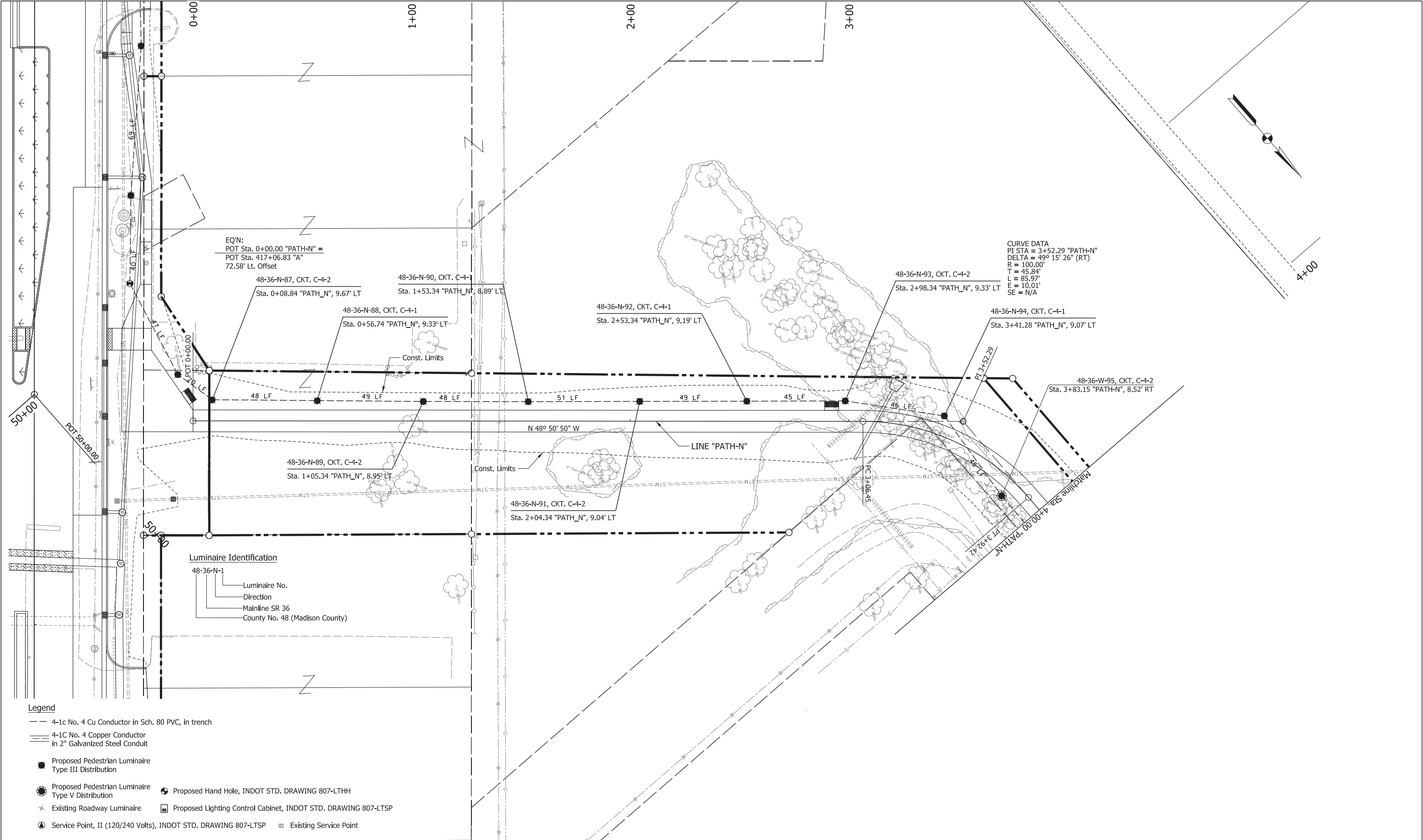
STAGE 3

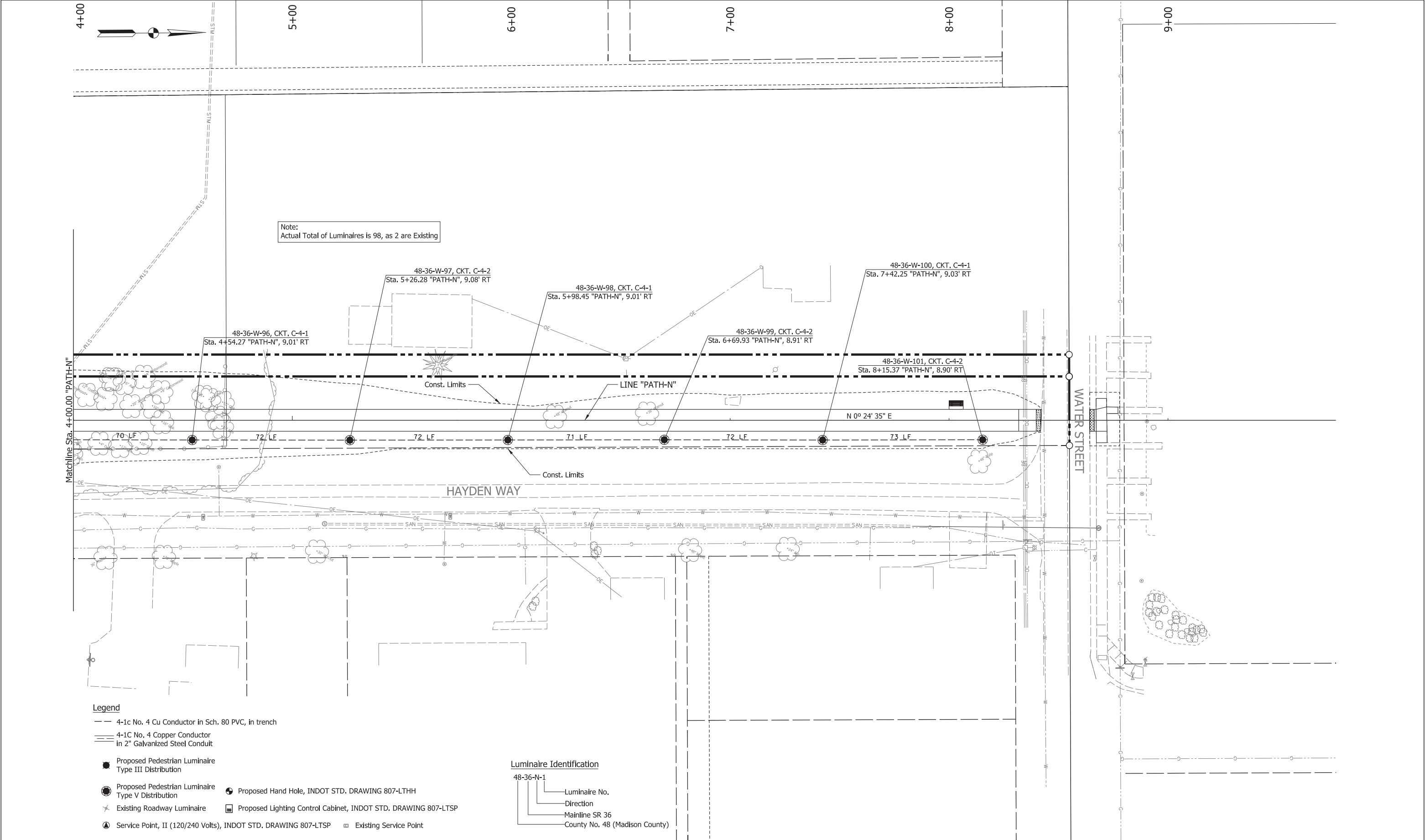
RECOMMENDED FOR APPROVAL	
DESIGNED: HMH	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS
SR 38 - LINE "S-1-A"

SCALE		BRIDGE FILE	
1" = 20'-0"		DESIGNATION	
		1702936, 1802854, 2001127	
SURVEY BOOK		SHEETS	
ELECTRONIC		212	of 243
CONTRACT		PROJECT	
R-41837		1702936, 1802854, 2001127	





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Indianapolis, IN 46204
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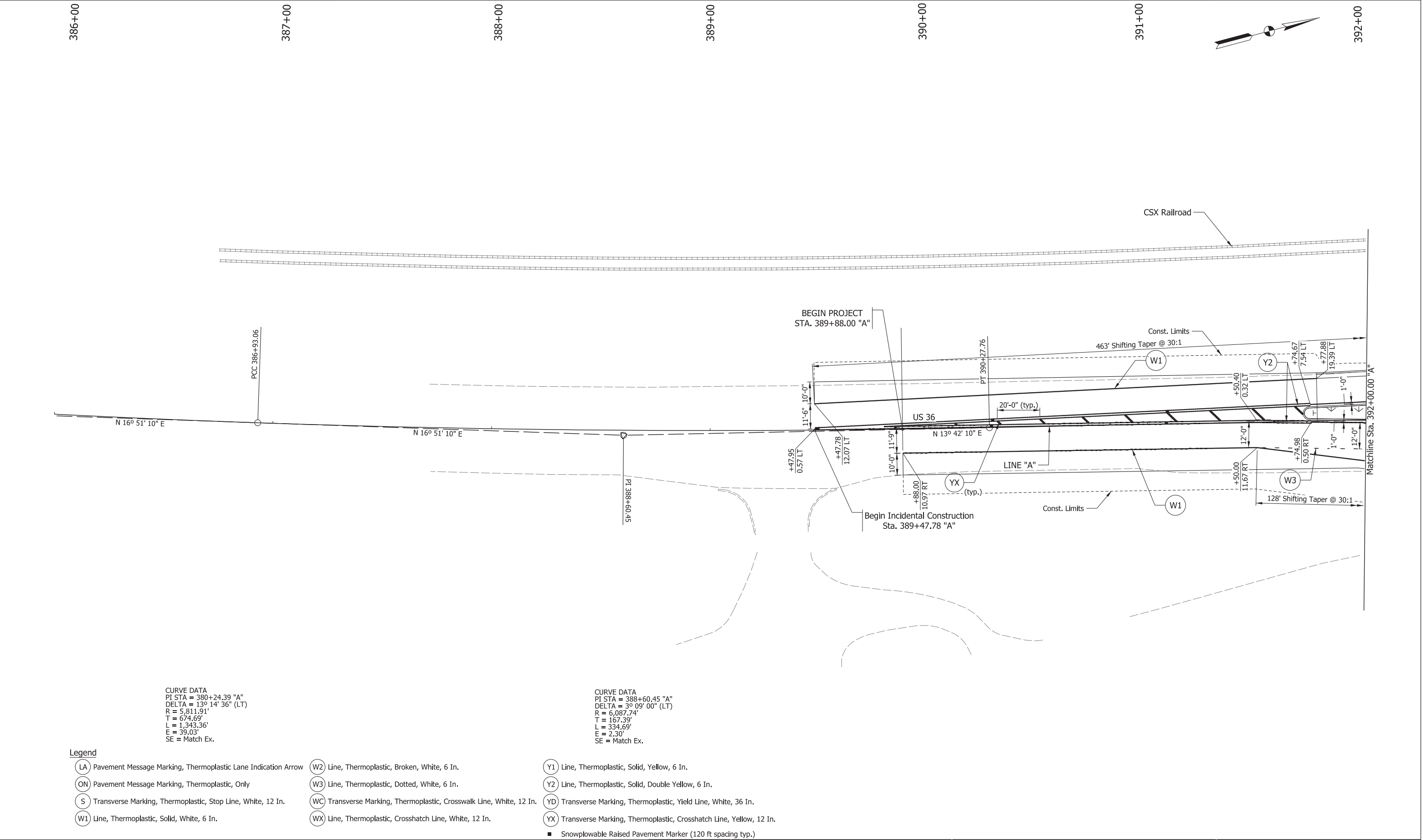
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER	DATE
DESIGNED: HMM	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS
LINE "PATH-N"

SCALE 1" = 20'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	214 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



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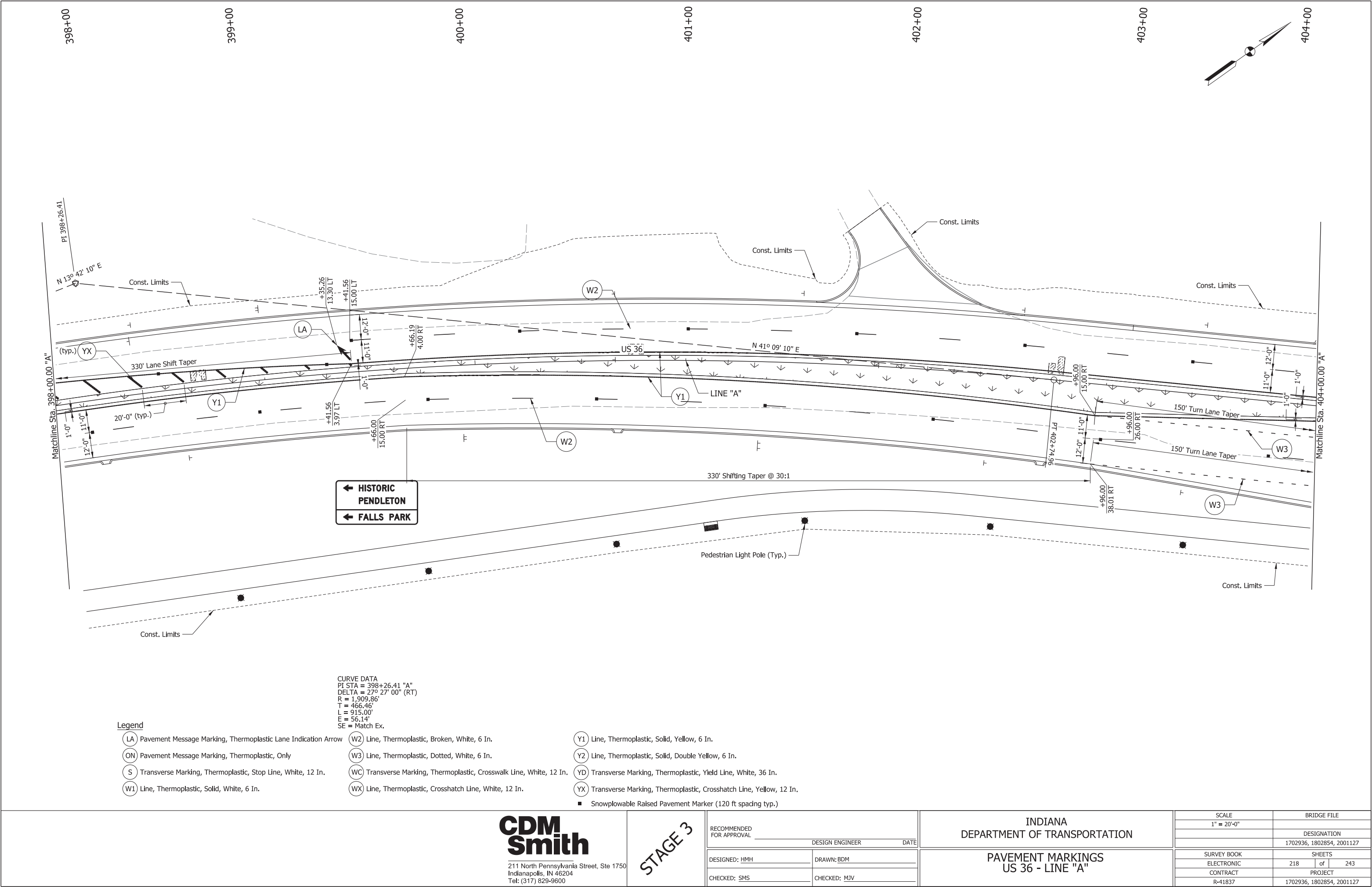
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: HMH	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 36 - LINE "A"

SCALE 1" = 20'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	216 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



Legend

- (LA)

Pavement Message Marking, Thermoplastic Lane Indication Arrow
- (ON)

Pavement Message Marking, Thermoplastic, Only
- (S)

Transverse Marking, Thermoplastic, Stop Line, White, 12 In.
- (W1)

Line, Thermoplastic, Solid, White, 6 In.
- (W2)

Line, Thermoplastic, Broken, White, 6 In.
- (W3)

Line, Thermoplastic, Dotted, White, 6 In.
- (WC)

Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In.
- (WX)

Line, Thermoplastic, Crosshatch Line, White, 12 In.
- (Y1)

Line, Thermoplastic, Solid, Yellow, 6 In.
- (Y2)

Line, Thermoplastic, Solid, Double Yellow, 6 In.
- (YD)

Transverse Marking, Thermoplastic, Yield Line, White, 36 In.
- (YX)

Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In.
- Snowplowable Raised Pavement Marker (120 ft spacing typ.)

CURVE DATA
PI STA = 398+26.41 "A"
DELTA = 27° 27' 00" (RT)
R = 1,909.86'
T = 466.46'
L = 915.00'
E = 56.14'
SE = Match Ex.

CDM
Smith

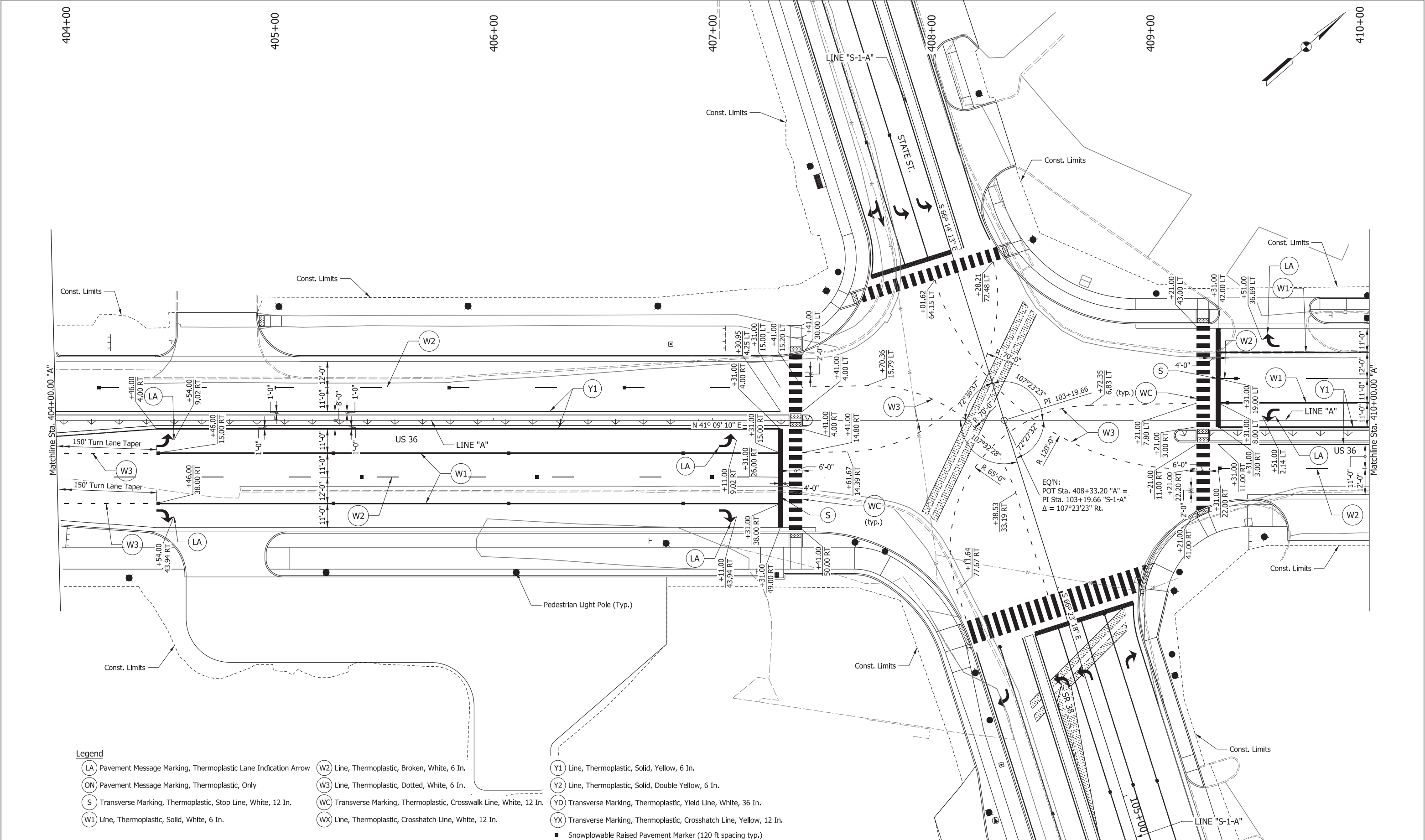
211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: HMH	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKINGS US 36 - LINE "A"	

SCALE 1" = 20'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	218	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



- Legend**

 - LA Pavement Message Marking, Thermoplastic Lane Indication Arrow
 - ON Pavement Message Marking, Thermoplastic, Only
 - S Transverse Marking, Thermoplastic, Stop Line, White, 12 In.
 - W1 Line, Thermoplastic, Solid, White, 6 In.
 - W2 Line, Thermoplastic, Broken, White, 6 In.
 - W3 Line, Thermoplastic, Dotted, White, 6 In.
 - WC Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In.
 - WX Line, Thermoplastic, Crosshatch Line, White, 12 In.
 - Y1 Line, Thermoplastic, Solid, Yellow, 6 In.
 - Y2 Line, Thermoplastic, Solid, Double Yellow, 6 In.
 - YD Transverse Marking, Thermoplastic, Yield Line, White, 36 In.
 - YX Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In.
 - Snowplowable Raised Pavement Marker (120 ft spacing typ.)

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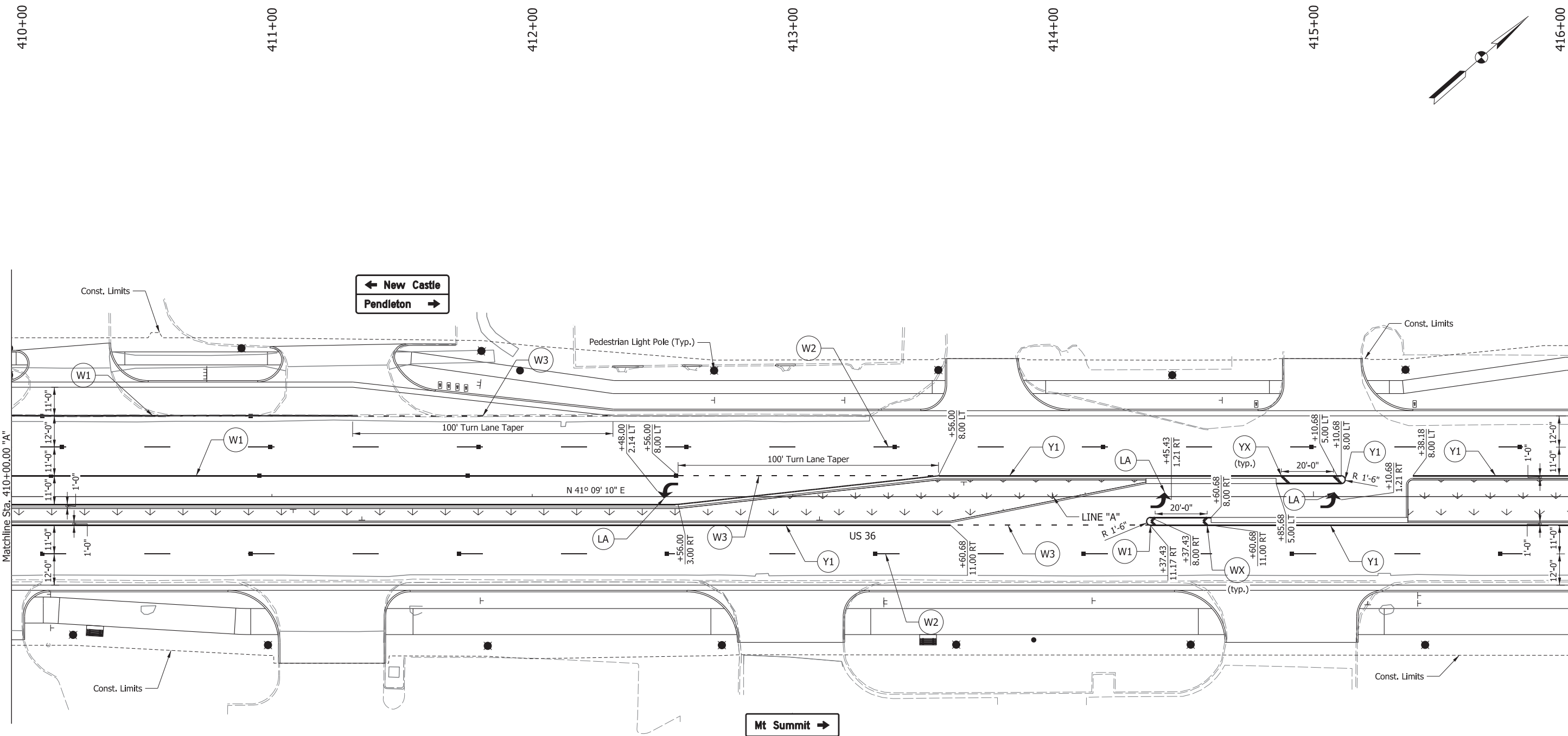
STAGE 3

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: HMM	DRAWN: BDM	
CHECKED: SMS	CHECKED: MJV	

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 36 - LINE "A"

SCALE 1" = 20'-0"	BRIDGE FILE
	DESIGNATION 1702936, 1802854, 2001127
SURVEY BOOK	SHEETS
ELECTRONIC	219 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



- Legend**

 - LA Pavement Message Marking, Thermoplastic Lane Indication Arrow
 - ON Pavement Message Marking, Thermoplastic, Only
 - S Transverse Marking, Thermoplastic, Stop Line, White, 12 In.
 - W1 Line, Thermoplastic, Solid, White, 6 In.
 - W2 Line, Thermoplastic, Broken, White, 6 In.
 - W3 Line, Thermoplastic, Dotted, White, 6 In.
 - WC Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In.
 - WX Line, Thermoplastic, Crosshatch Line, White, 12 In.
 - Y1 Line, Thermoplastic, Solid, Yellow, 6 In.
 - Y2 Line, Thermoplastic, Solid, Double Yellow, 6 In.
 - YD Transverse Marking, Thermoplastic, Yield Line, White, 36 In.
 - YX Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In.
 - Snowplowable Raised Pavement Marker (120 ft spacing typ.)

**CDM
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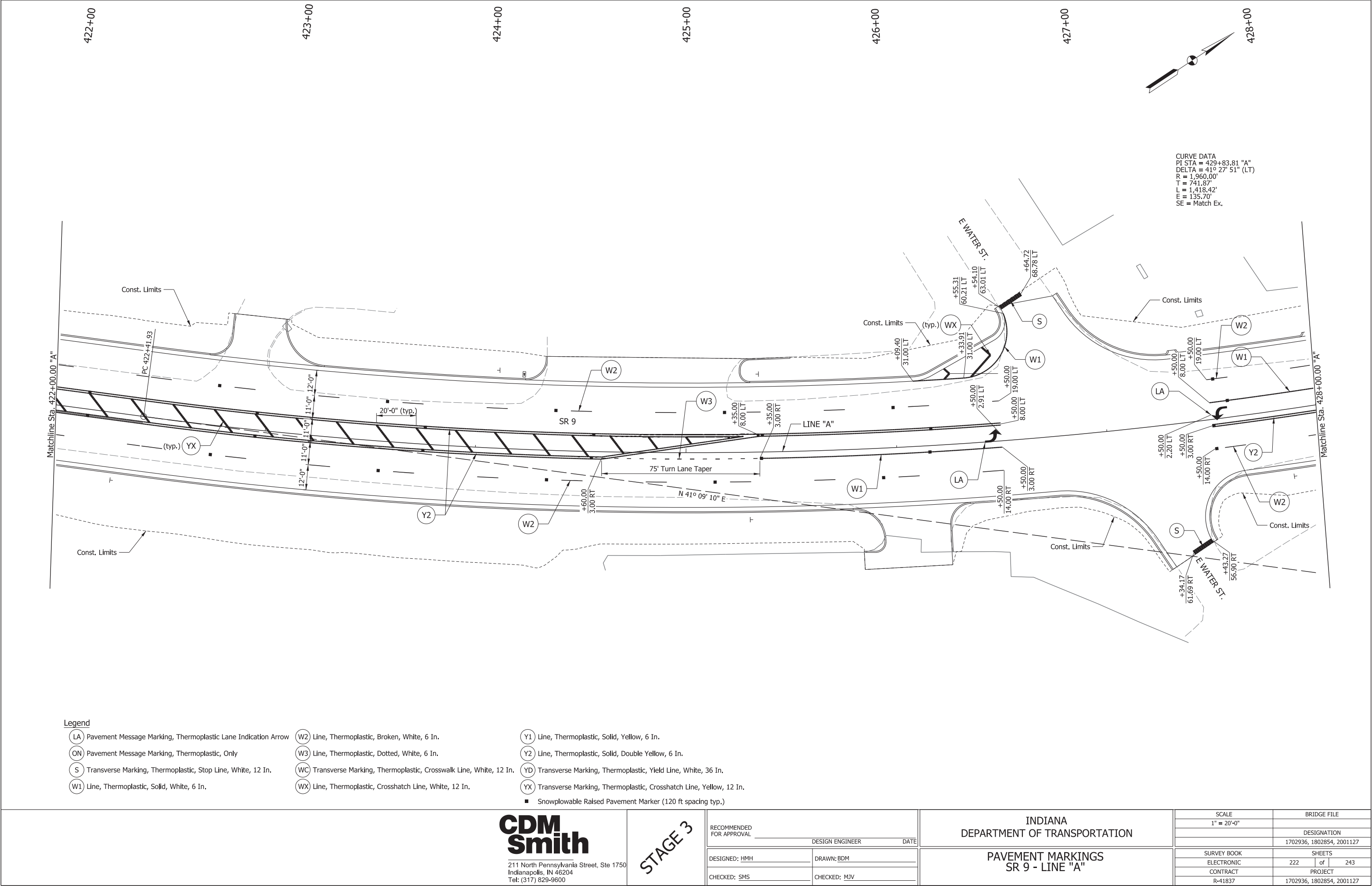
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: HMM	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV
DATE _____	

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 36 - LINE "A"

SCALE 1" = 20'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	220	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



CURVE DATA
PI STA = 429+83.81 "A"
DELTA = 41° 27' 51" (LT)
R = 1,960.00'
T = 741.87'
L = 1,418.42'
E = 135.70'
SE = Match Ex.

Legend

- LA Pavement Message Marking, Thermoplastic Lane Indication Arrow

ON Pavement Message Marking, Thermoplastic, Only

S Transverse Marking, Thermoplastic, Stop Line, White, 12 In.

W1 Line, Thermoplastic, Solid, White, 6 In.
- W2 Line, Thermoplastic, Broken, White, 6 In.

W3 Line, Thermoplastic, Dotted, White, 6 In.

WC Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In.

WX Line, Thermoplastic, Crosshatch Line, White, 12 In.
- Y1 Line, Thermoplastic, Solid, Yellow, 6 In.

Y2 Line, Thermoplastic, Solid, Double Yellow, 6 In.

YD Transverse Marking, Thermoplastic, Yield Line, White, 36 In.

YX Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In.
- Snowplowable Raised Pavement Marker (120 ft spacing typ.)

CDM
Smith

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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
SR 9 - LINE "A"

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

R-41837

SHEETS

222

of 243

PROJECT

1702936, 1802854, 2001127

434+00

435+00

436+00

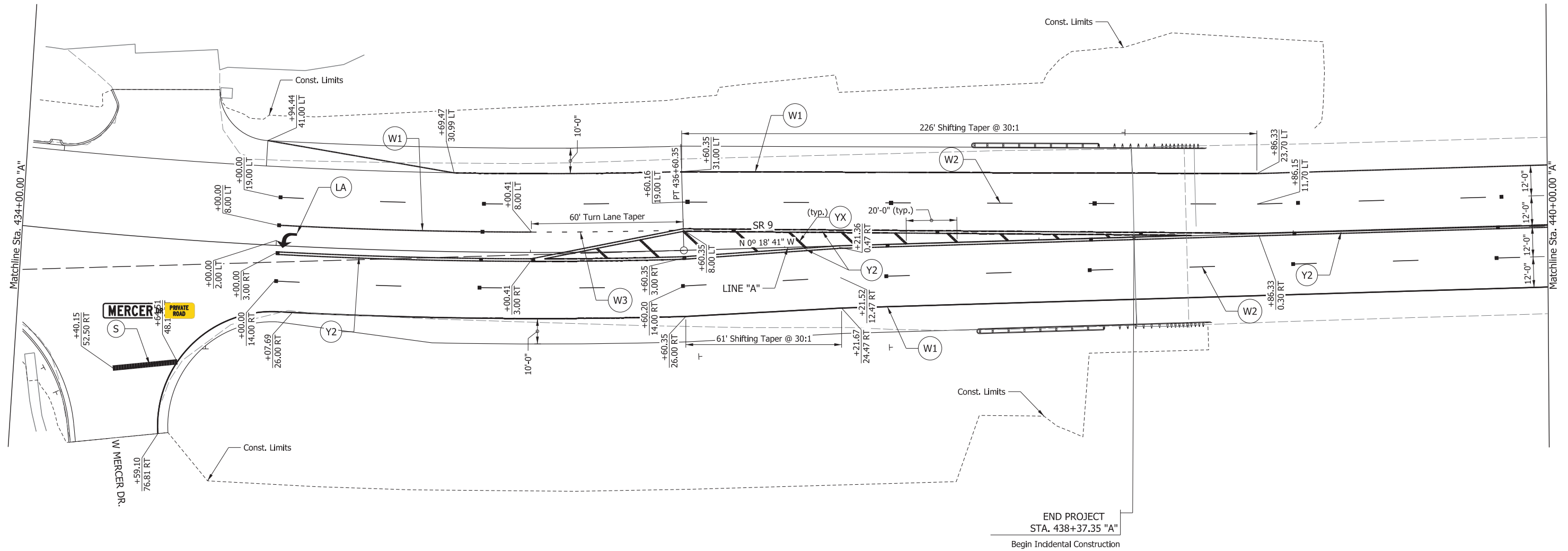
437+00

438+00

439+00

440+00

CURVE DATA
PI STA = 429+83.81 "A"
DELTA = 41° 27' 51" (LT)
R = 1,960.00'
T = 741.87'
L = 1,418.42'
E = 135.70'
SE = Match Ex.



Legend

- | | | |
|--|---|---|
| (LA) Pavement Message Marking, Thermoplastic Lane Indication Arrow | (W2) Line, Thermoplastic, Broken, White, 6 In. | (Y1) Line, Thermoplastic, Solid, Yellow, 6 In. |
| (ON) Pavement Message Marking, Thermoplastic, Only | (W3) Line, Thermoplastic, Dotted, White, 6 In. | (Y2) Line, Thermoplastic, Solid, Double Yellow, 6 In. |
| (S) Transverse Marking, Thermoplastic, Stop Line, White, 12 In. | (WC) Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In. | (YD) Transverse Marking, Thermoplastic, Yield Line, White, 36 In. |
| (W1) Line, Thermoplastic, Solid, White, 6 In. | (WX) Line, Thermoplastic, Crosshatch Line, White, 12 In. | (YX) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In. |
| | | ■ Snowplowable Raised Pavement Marker (120 ft spacing typ.) |

- Snowplowable Raised Pavement Marker (120 ft spacing typ.)



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Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED

DESIGN ENGINEER

DATE _____

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
SR 9 - LINE "A"

SCALE

$$1'' = 20'-0''$$

BRIDGE FILE

DESIGNATION

36, 1802854, 2001127

SURVEY BOOK

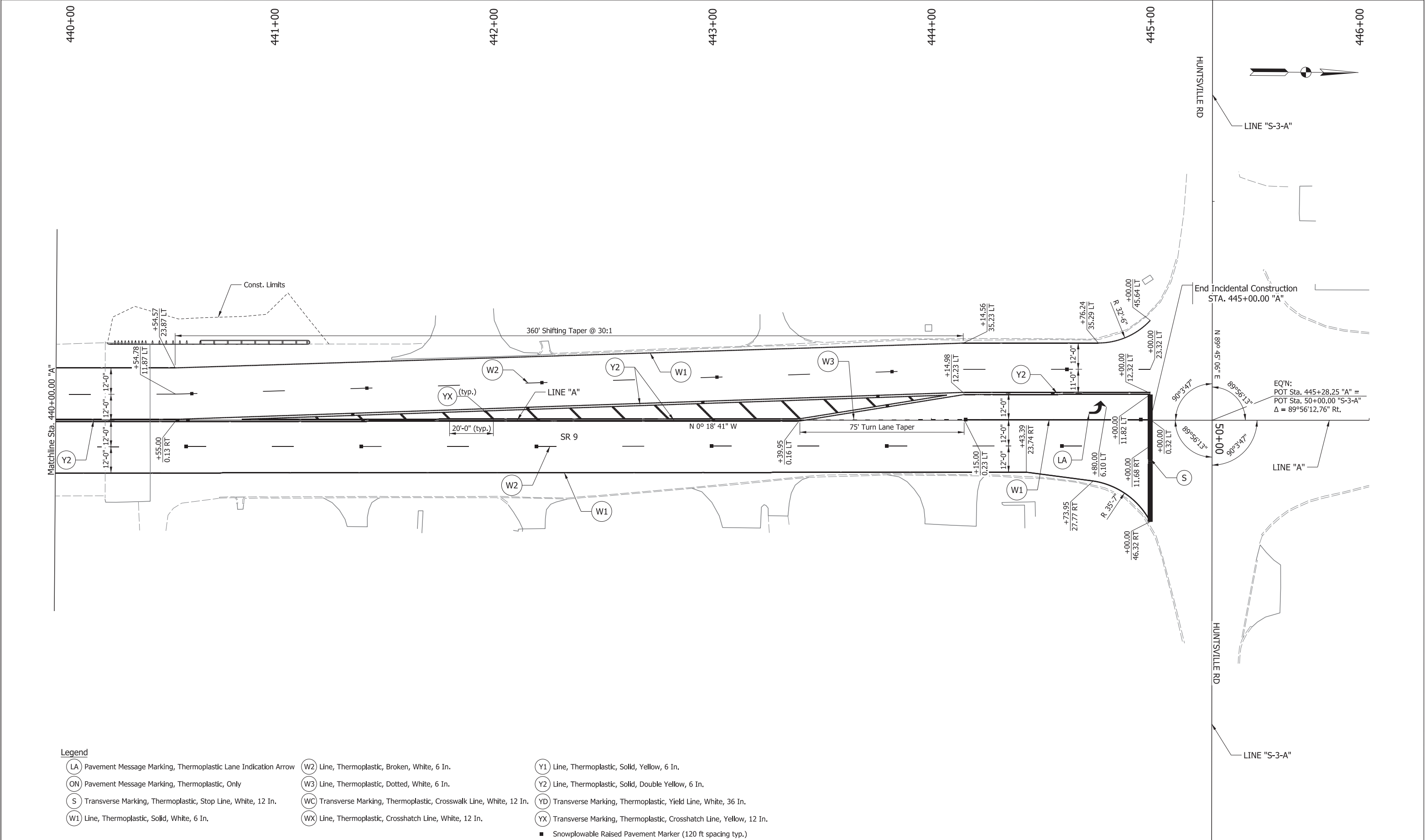
SHEETS

ELECTRONIC

	of	243
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CONTRACT

PROJECT



- Legend**
- | | | |
|--|---|---|
| (LA) Pavement Message Marking, Thermoplastic Lane Indication Arrow | (W2) Line, Thermoplastic, Broken, White, 6 In. | (Y1) Line, Thermoplastic, Solid, Yellow, 6 In. |
| (ON) Pavement Message Marking, Thermoplastic, Only | (W3) Line, Thermoplastic, Dotted, White, 6 In. | (Y2) Line, Thermoplastic, Solid, Double Yellow, 6 In. |
| (S) Transverse Marking, Thermoplastic, Stop Line, White, 12 In. | (WC) Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In. | (YD) Transverse Marking, Thermoplastic, Yield Line, White, 36 In. |
| (W1) Line, Thermoplastic, Solid, White, 6 In. | (WX) Line, Thermoplastic, Crosshatch Line, White, 12 In. | (YX) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In. |
- Snowplowable Raised Pavement Marker (120 ft spacing typ.)

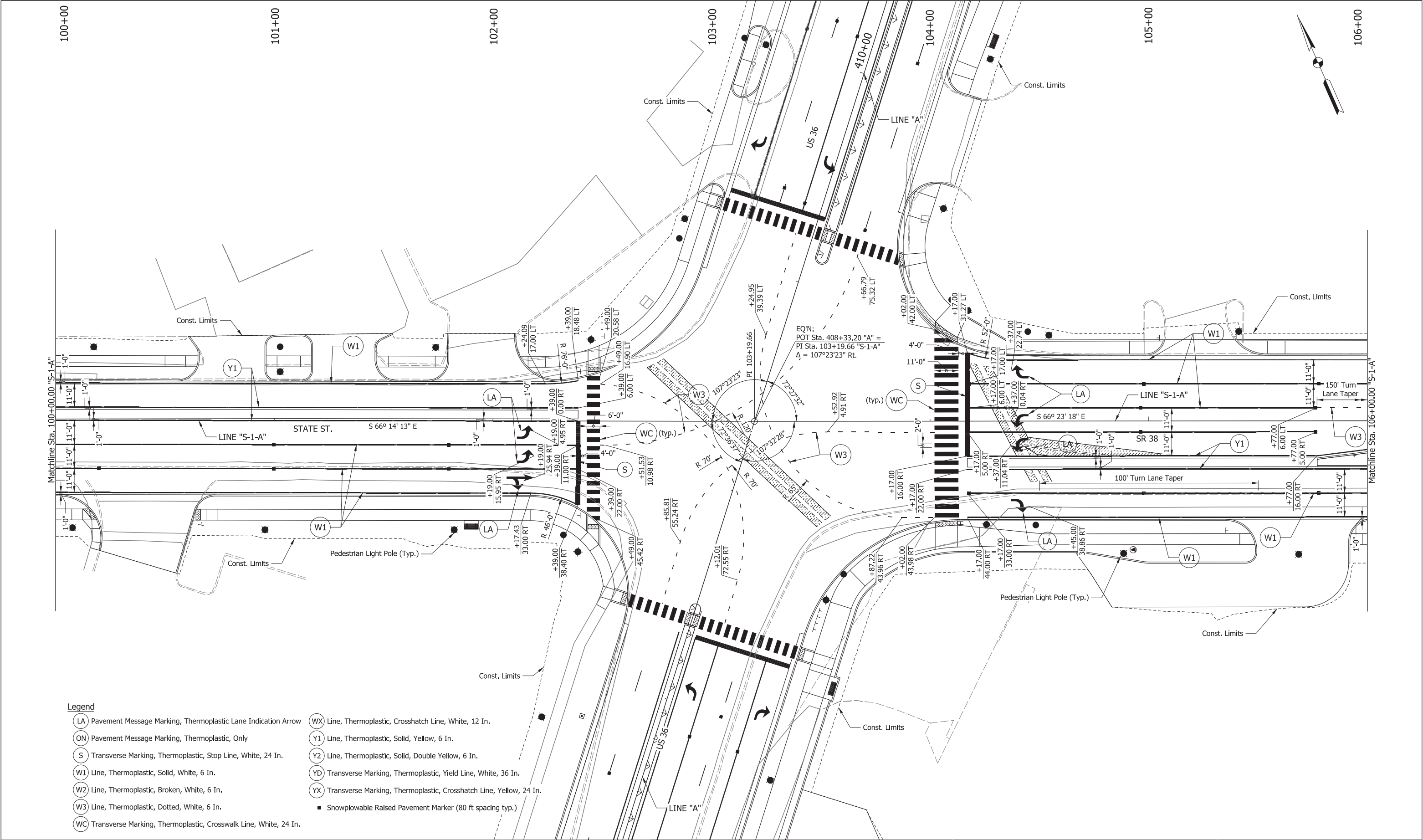
**CDM
Smith**
211 North Pennsylvania Street, Ste 1750
Indianapolis, IN 46204
Tel: (317) 829-9600

STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: HMH	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKINGS SR 9 - LINE "A"	

SCALE 1" = 20'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	225	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



Legend

- (LA) Pavement Message Marking, Thermoplastic Lane Indication Arrow

(ON) Pavement Message Marking, Thermoplastic, Only

(S) Transverse Marking, Thermoplastic, Stop Line, White, 24 In.

(W1) Line, Thermoplastic, Solid, White, 6 In.

(W2) Line, Thermoplastic, Broken, White, 6 In.

(W3) Line, Thermoplastic, Dotted, White, 6 In.

(WC) Transverse Marking, Thermoplastic, Crosswalk Line, White, 24 In.
- (WX) Line, Thermoplastic, Crosshatch Line, White, 12 In.

(Y1) Line, Thermoplastic, Solid, Yellow, 6 In.

(Y2) Line, Thermoplastic, Solid, Double Yellow, 6 In.

(YD) Transverse Marking, Thermoplastic, Yield Line, White, 36 In.

(YX) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 24 In.

■ Snowplowable Raised Pavement Marker (80 ft spacing typ.)



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STAGE 3

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: HMM

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
STATE ST / SR 38 - LINE "S-1-A"

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

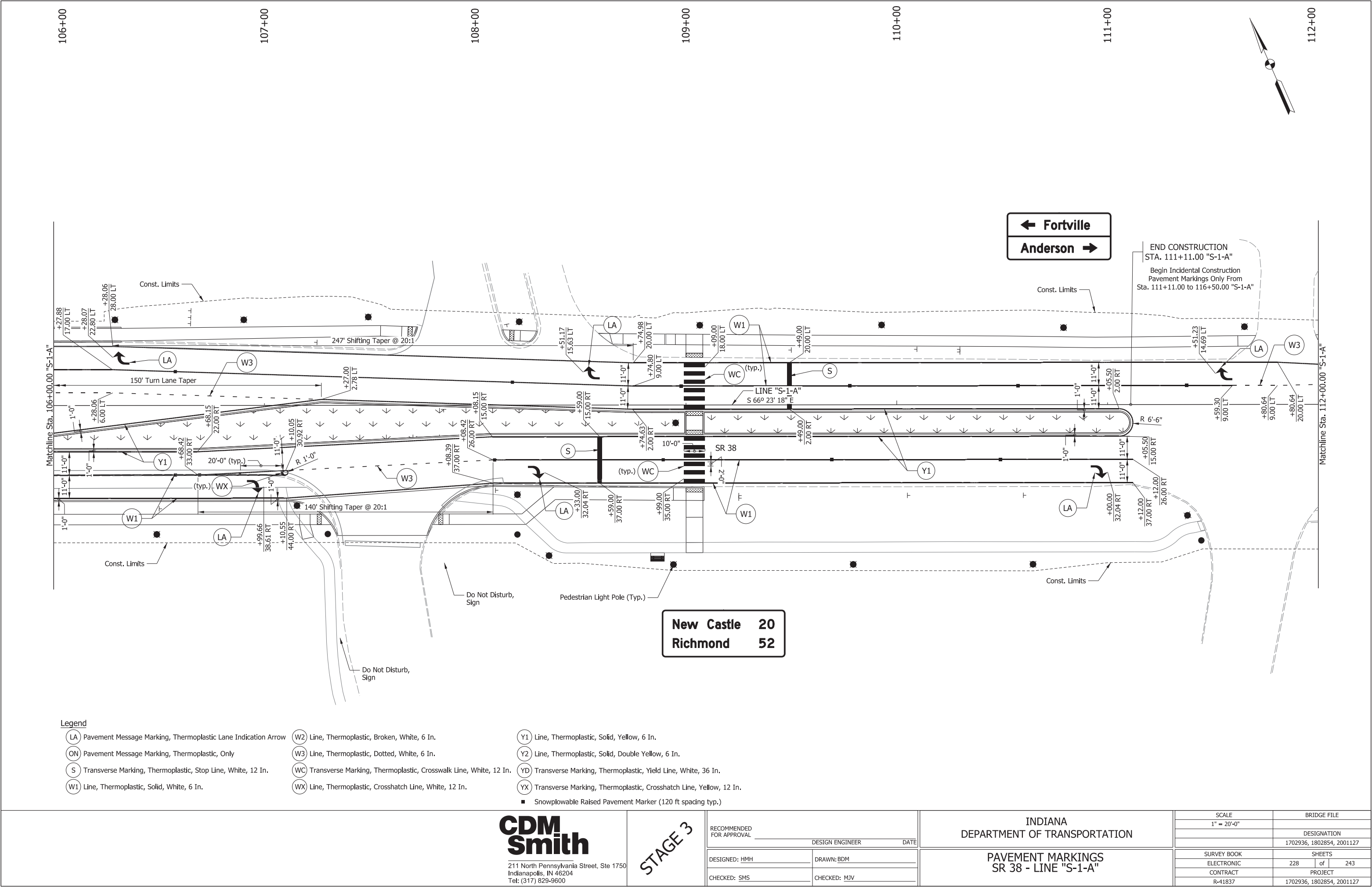
R-41837

SHEETS

227 of 243

PROJECT

1702936, 1802854, 2001127



- Legend**
- | | | |
|--|---|---|
| (LA) Pavement Message Marking, Thermoplastic Lane Indication Arrow | (W2) Line, Thermoplastic, Broken, White, 6 In. | (Y1) Line, Thermoplastic, Solid, Yellow, 6 In. |
| (ON) Pavement Message Marking, Thermoplastic, Only | (W3) Line, Thermoplastic, Dotted, White, 6 In. | (Y2) Line, Thermoplastic, Solid, Double Yellow, 6 In. |
| (S) Transverse Marking, Thermoplastic, Stop Line, White, 12 In. | (WC) Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In. | (YD) Transverse Marking, Thermoplastic, Yield Line, White, 36 In. |
| (W1) Line, Thermoplastic, Solid, White, 6 In. | (WX) Line, Thermoplastic, Crosshatch Line, White, 12 In. | (YX) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In. |
| ■ Snowplowable Raised Pavement Marker (120 ft spacing typ.) | | |

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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: HMH

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
SR 38 - LINE "S-1-A"

SCALE

1" = 20'-0"

BRIDGE FILE

DESIGNATION

1702936, 1802854, 2001127

SURVEY BOOK

ELECTRONIC

CONTRACT

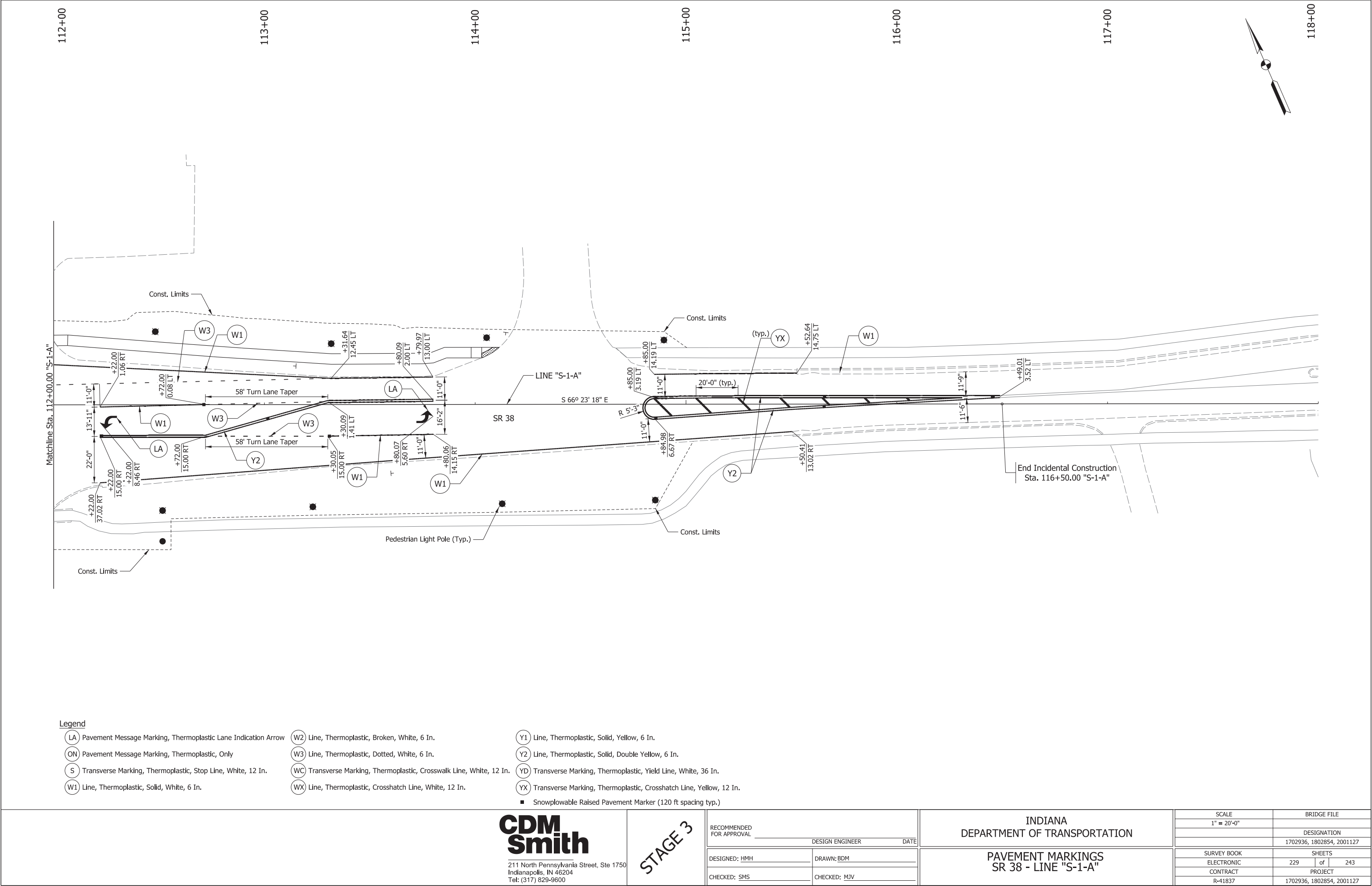
R-41837

SHEETS

228 of 243

PROJECT

1702936, 1802854, 2001127



- Legend**

 - (LA) Pavement Message Marking, Thermoplastic Lane Indication Arrow
 - (ON) Pavement Message Marking, Thermoplastic, Only
 - (S) Transverse Marking, Thermoplastic, Stop Line, White, 12 In.
 - (W1) Line, Thermoplastic, Solid, White, 6 In.
- (W2) Line, Thermoplastic, Broken, White, 6 In.
 - (W3) Line, Thermoplastic, Dotted, White, 6 In.
 - (WC) Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In.
 - (WX) Line, Thermoplastic, Crosshatch Line, White, 12 In.
- (Y1) Line, Thermoplastic, Solid, Yellow, 6 In.
 - (Y2) Line, Thermoplastic, Solid, Double Yellow, 6 In.
 - (YD) Transverse Marking, Thermoplastic, Yield Line, White, 36 In.
 - (YX) Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In.

■ Snowplowable Raised Pavement Marker (120 ft spacing typ.)

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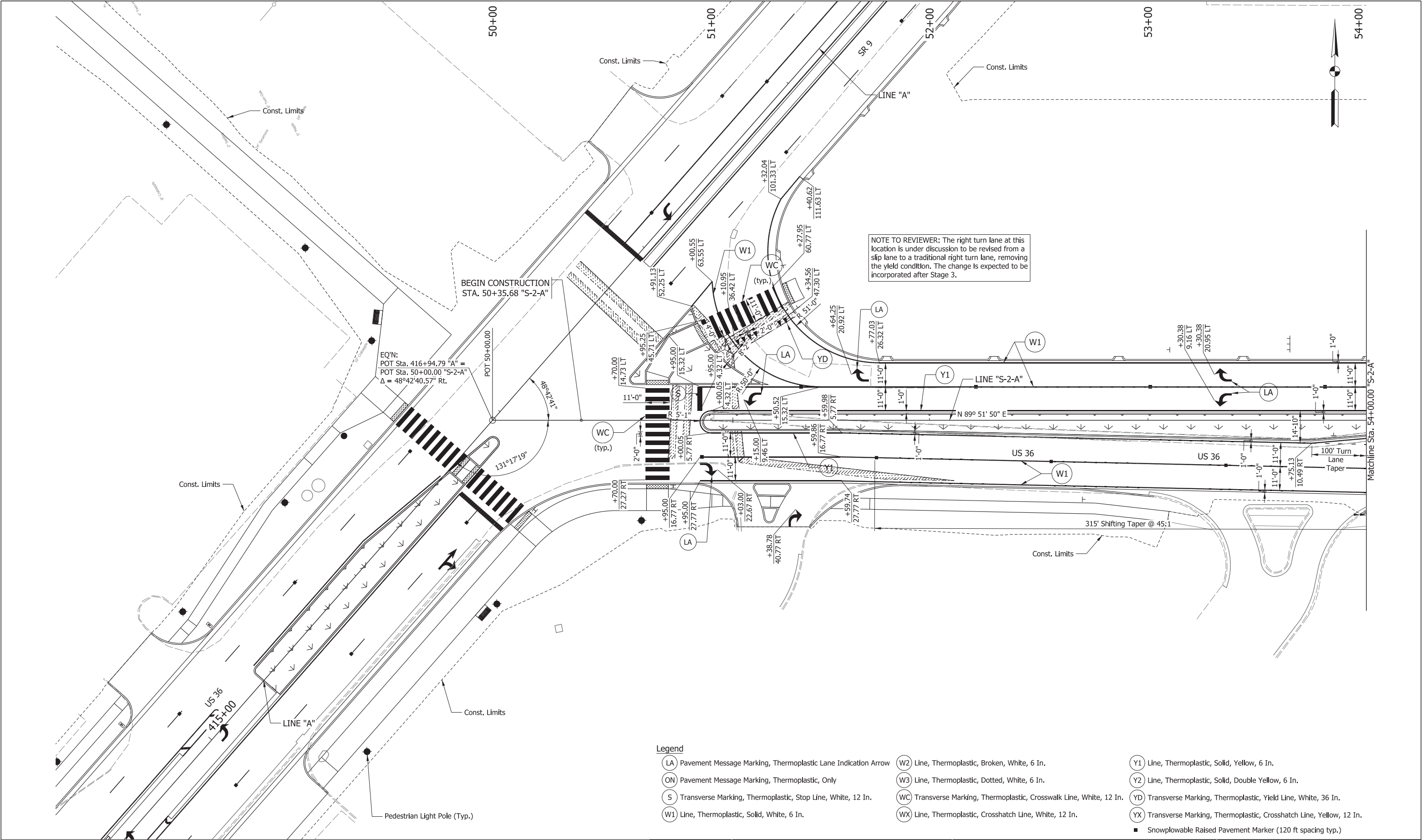
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: HMH	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
SR 38 - LINE "S-1-A"

SCALE 1" = 20'-0"	BRIDGE FILE	
	DESIGNATION	
	1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS	
ELECTRONIC	229	of 243
CONTRACT	PROJECT	
R-41837	1702936, 1802854, 2001127	



- Legend**

 - LA Pavement Message Marking, Thermoplastic Lane Indication Arrow
 - ON Pavement Message Marking, Thermoplastic, Only
 - S Transverse Marking, Thermoplastic, Stop Line, White, 12 In.
 - W1 Line, Thermoplastic, Solid, White, 6 In.
- W2 Line, Thermoplastic, Broken, White, 6 In.
 - W3 Line, Thermoplastic, Dotted, White, 6 In.
 - WC Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In.
 - WX Line, Thermoplastic, Crosshatch Line, White, 12 In.
- Y1 Line, Thermoplastic, Solid, Yellow, 6 In.
 - Y2 Line, Thermoplastic, Solid, Double Yellow, 6 In.
 - YD Transverse Marking, Thermoplastic, Yield Line, White, 36 In.
 - YX Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In.
- Snowplowable Raised Pavement Marker (120 ft spacing typ.)

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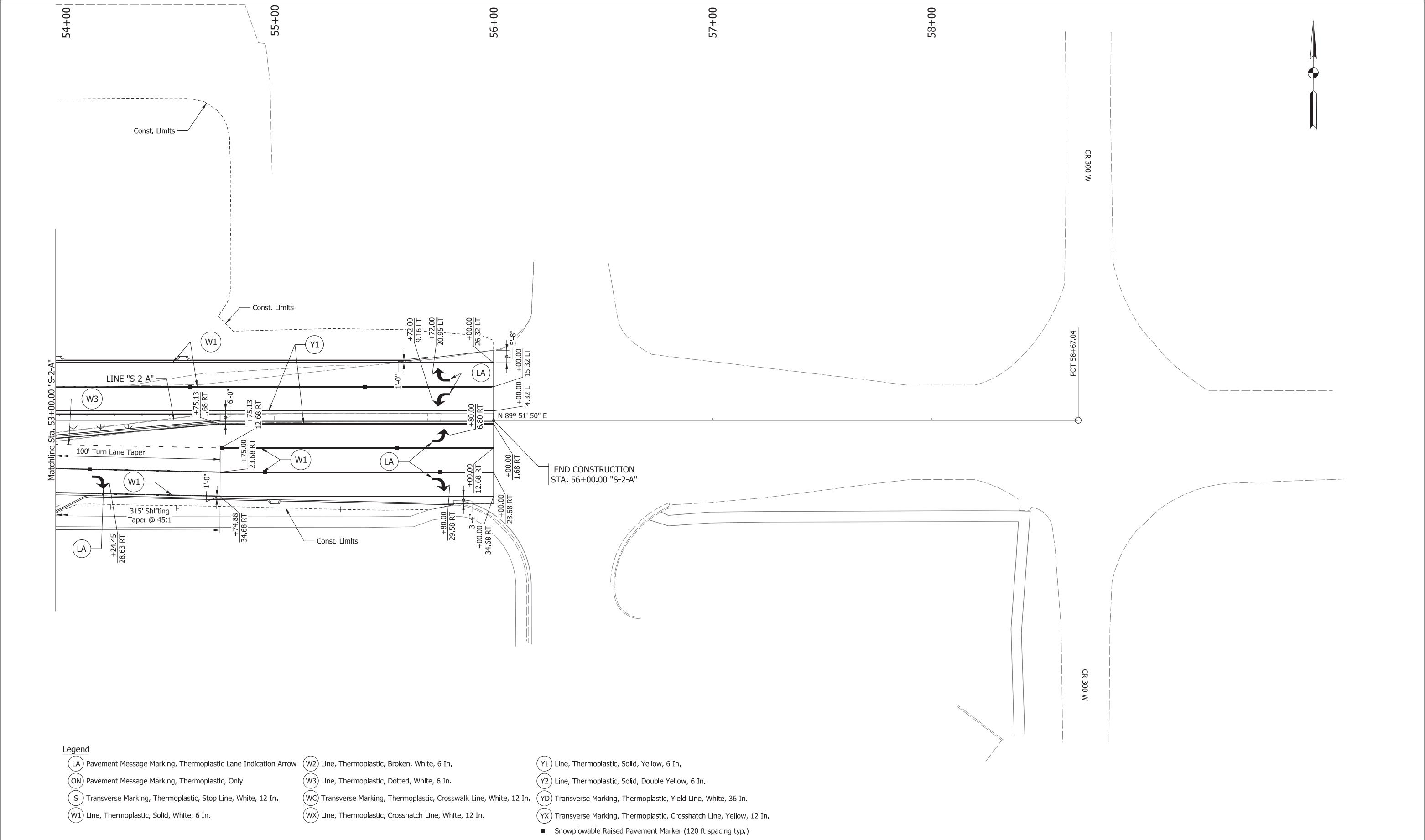
STAGE 3

RECOMMENDED FOR APPROVAL _____	
DESIGNED: HMM	DRAWN: BDM
CHECKED: SMS	CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKINGS
US 36 - LINE "S-2-A"**

SCALE 1" = 20'-0"	BRIDGE FILE
DESIGNATION 1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS
ELECTRONIC	230 of 243
CONTRACT R-41837	PROJECT 1702936, 1802854, 2001127



- Legend**

 - LA Pavement Message Marking, Thermoplastic Lane Indication Arrow
 - ON Pavement Message Marking, Thermoplastic, Only
 - S Transverse Marking, Thermoplastic, Stop Line, White, 12 In.
 - W1 Line, Thermoplastic, Solid, White, 6 In.
 - W2 Line, Thermoplastic, Broken, White, 6 In.
 - W3 Line, Thermoplastic, Dotted, White, 6 In.
 - WC Transverse Marking, Thermoplastic, Crosswalk Line, White, 12 In.
 - WX Line, Thermoplastic, Crosshatch Line, White, 12 In.
 - Y1 Line, Thermoplastic, Solid, Yellow, 6 In.
 - Y2 Line, Thermoplastic, Solid, Double Yellow, 6 In.
 - YD Transverse Marking, Thermoplastic, Yield Line, White, 36 In.
 - YX Transverse Marking, Thermoplastic, Crosshatch Line, Yellow, 12 In.
- Snowplowable Raised Pavement Marker (120 ft spacing typ.)



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STAGE 3

B-176

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CHECKED: SMS

DESIGN ENGINEER

DRAWN: BDM

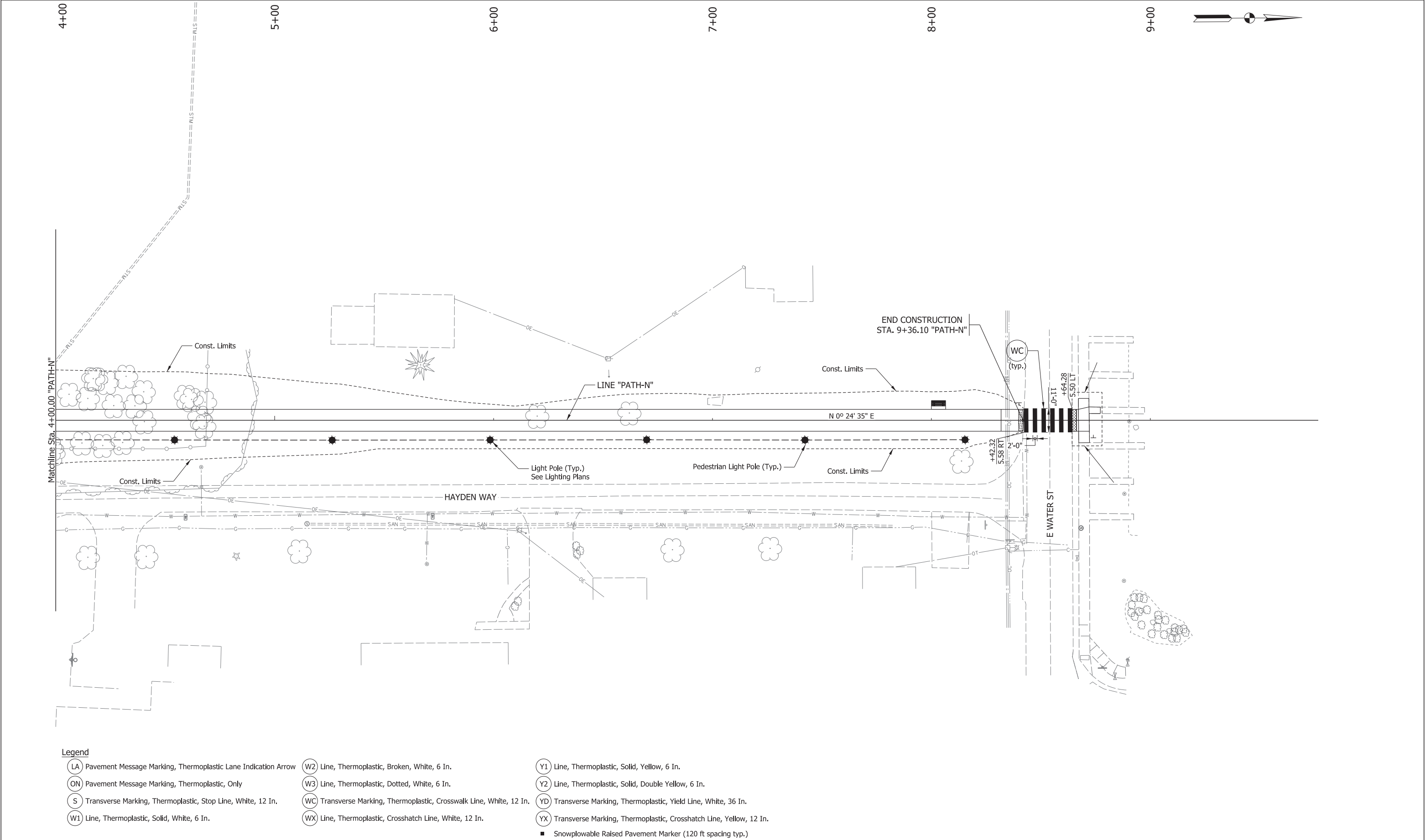
CHECKED: MJV

DATE

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS
US 36 - LINE "S-2-A"

SCALE	BRIDGE FILE
1" = 20'-0"	
DESIGNATION	
1702936, 1802854, 2001127	
SURVEY BOOK	SHEETS
ELECTRONIC	231 of 243
CONTRACT	PROJECT
R-41837	1702936, 1802854, 2001127



See Page 93 for Construction Details Legend.

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Indianapolis, IN 46204
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STAGE 3

RECOMMENDED
FOR APPROVAL

DESIGN ENGINEER

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DESIGNED: HMM

DRAWN: BDM

CHECKED: SMS

CHECKED: MJV

INDIANA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
SHARED-USE PATH - LINE "PATH-N"

SCALE
1" = 20'-0"

BRIDGE FILE

DESIGNATION
1702936, 1802854, 2001127

SURVEY BOOK

SHEETS

ELECTRONIC

232 of 243

CONTRACT

PROJECT

R-41837

1702936, 1802854, 2001127

pw:\\cdmsmith-az02-pw.bentley.com:pw_pt1\Documents\118931\249691\10 Transportation\02 Engineering Services NM_30pct\01 Roadway Design\10 CADD\02 Details\Sht PM_PATHN_20_01.dgn

B-177