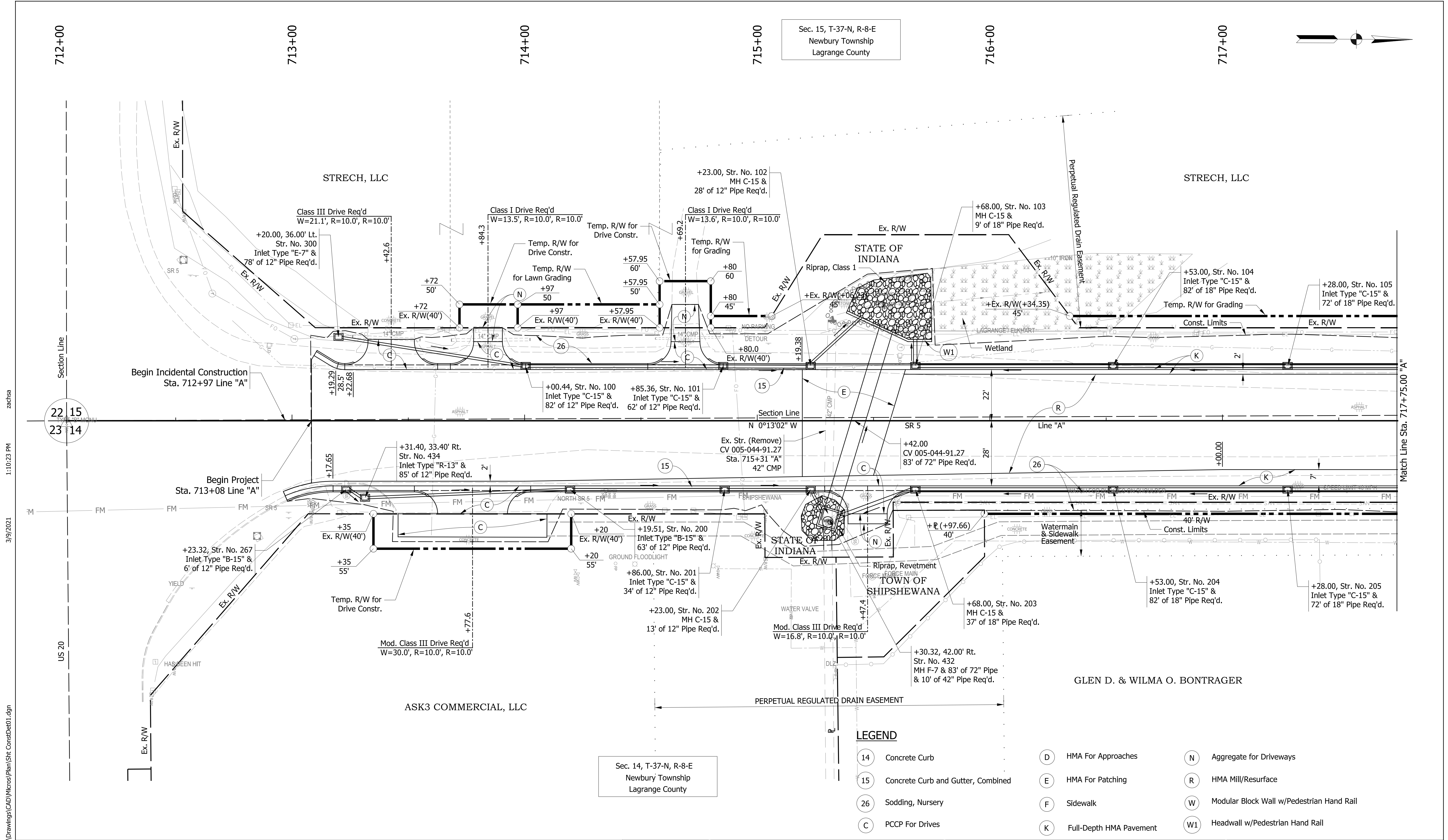
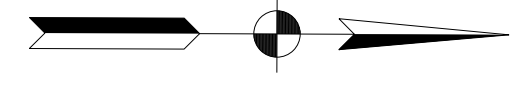


Street Approach Req'd  
Sta. 713+08.00 "A"

Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County



**LEGEND**

14	Concrete Curb	D	HMA For Approaches	N	Aggregate for Driveways
15	Concrete Curb and Gutter, Combined	E	HMA For Patching	R	HMA Mill/Resurface
26	Sodding, Nursery	F	Sidewalk	W	Modular Block Wall w/Pedestrian Hand Rail
C	PCCP For Drives	K	Full-Depth HMA Pavement	W1	Headwall w/Pedestrian Hand Rail

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS**  
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	29 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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718+00

719+00

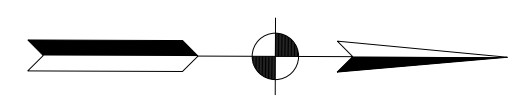
720+00

721+00

722+00

723+00

Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County



STRECH, LLC

ENOS B. & VIOLA MILLER  
FAMILY REVOCABLE TRUST

ASK3 COMMERCIAL, LLC

Class I Drive Req'd  
W=16.0', R=10.0', R=10.0'

Class I Drive Req'd  
W=15.2', R=10.0', R=10.0'

Mod. Class I Drive Req'd  
W=20.1', R=10.0', R=10.0'

+53.00, Str. No. 108  
Inlet Type "C-15" & 50'  
24' of 18" Pipe Req'd.

+53.00, Str. No. 107  
Inlet Type "C-15" &  
122' of 18" Pipe Req'd.

+53.00, Str. No. 106  
Inlet Type "C-15" &  
122' of 18" Pipe Req'd.

+25.89, Str. No. 166  
Inlet Type "C-15" &  
169' of 18" Pipe Req'd.

+50.00, 34.50' Rt.  
Str. No. 400  
Pipe Catch Basin 12" &  
4' of 12" Pipe Req'd.

+53.00, Str. No. 206  
Inlet Type "C-15" &  
122' of 18" Pipe Req'd.

+53.00, Str. No. 207  
Inlet Type "C-15" &  
197' of 18" Pipe Req'd.

Class I Drive Req'd  
W=10.9', R=10.0', R=10.0'

+37.72, 38.43' Rt.  
Str. No. 402  
Inlet Type "M-10" &  
17' of 12" Pipe Req'd.

+53.00, Str. No. 208  
MH C-15 &  
197' of 18" Pipe Req'd.

Class III Drive Req'd  
W=31.4', R=10.0', R=10.0'

GLEN D. & WILMA O. BONTRAGER

MARIANNA & JACK NELSON

JACK F. & CHERYL LYN NELSON

MILLER - EASH, LLP

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County

LEGEND

- (14) Concrete Curb
- (15) Concrete Curb and Gutter, Combined
- (26) Sodding, Nursery
- (C) PCCP For Drives
- (D) HMA For Approaches
- (E) HMA For Patching
- (F) Sidewalk
- (K) Full-Depth HMA Pavement
- (N) Aggregate for Driveways
- (R) HMA Mill/Resurface
- (W) Modular Block Wall w/Pedestrian Hand Rail
- (W1) Headwall w/Pedestrian Hand Rail

RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DESIGN ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

DESIGNED: ZMS DRAWN: ACB  
CHECKED: BBB CHECKED: MAR

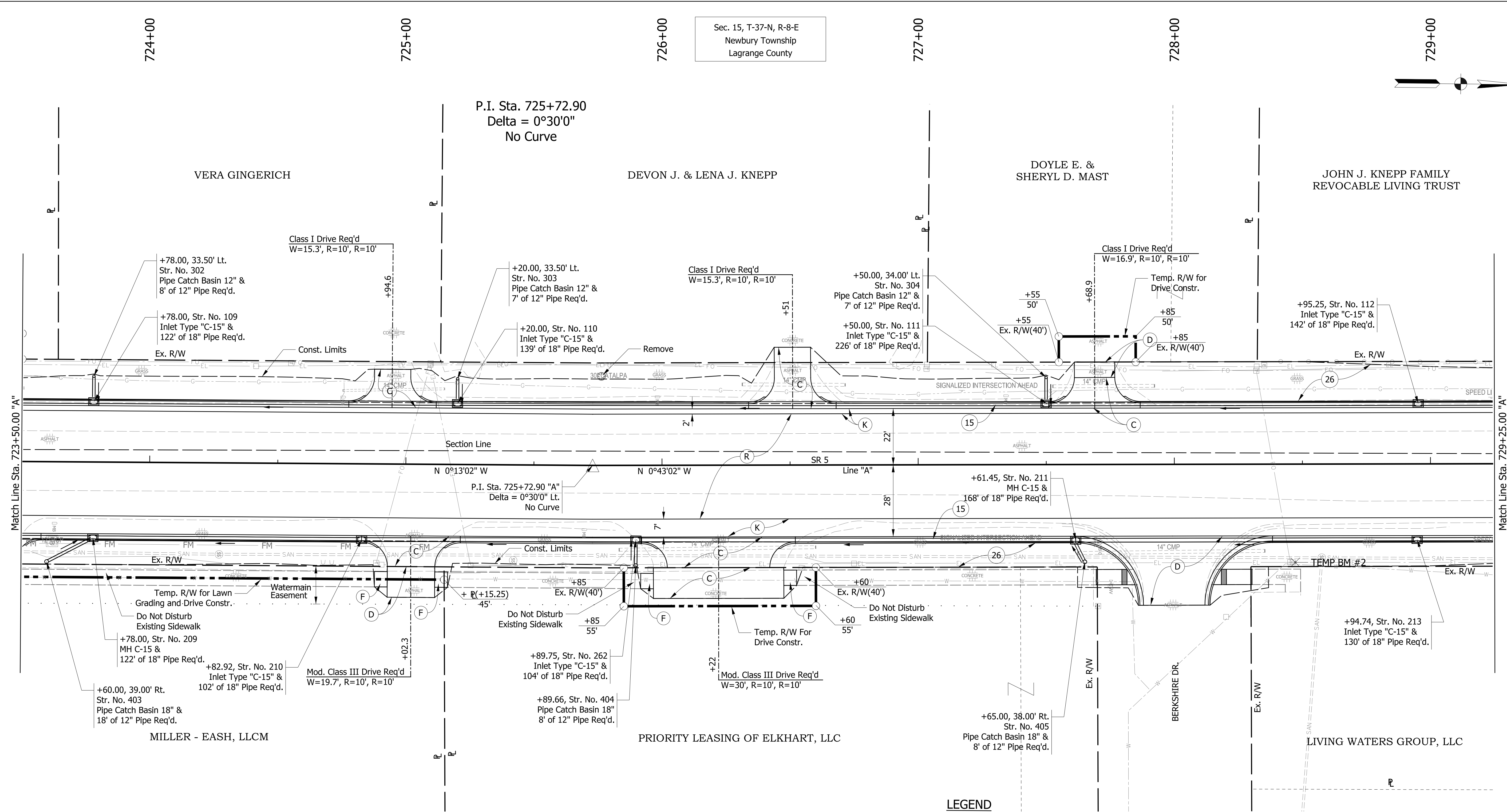
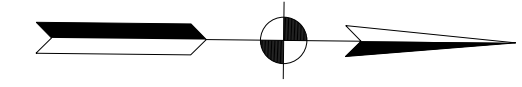
INDIANA DEPARTMENT OF TRANSPORTATION  
CONSTRUCTION DETAILS  
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	30 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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Street Approach Req'd, Rt.  
Sta. 727+99.86 "A"

Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County



**LEGEND**

- (14) Concrete Curb
- (15) Concrete Curb and Gutter, Combined
- (26) Sodding, Nursery
- (C) PCCP For Drives
- (D) HMA For Approaches
- (E) HMA For Patching
- (F) Sidewalk
- (K) Full-Depth HMA Pavement
- (N) Aggregate for Driveways
- (R) HMA Mill/Resurface
- (W) Modular Block Wall w/Pedestrian Hand Rail
- (W1) Headwall w/Pedestrian Hand Rail

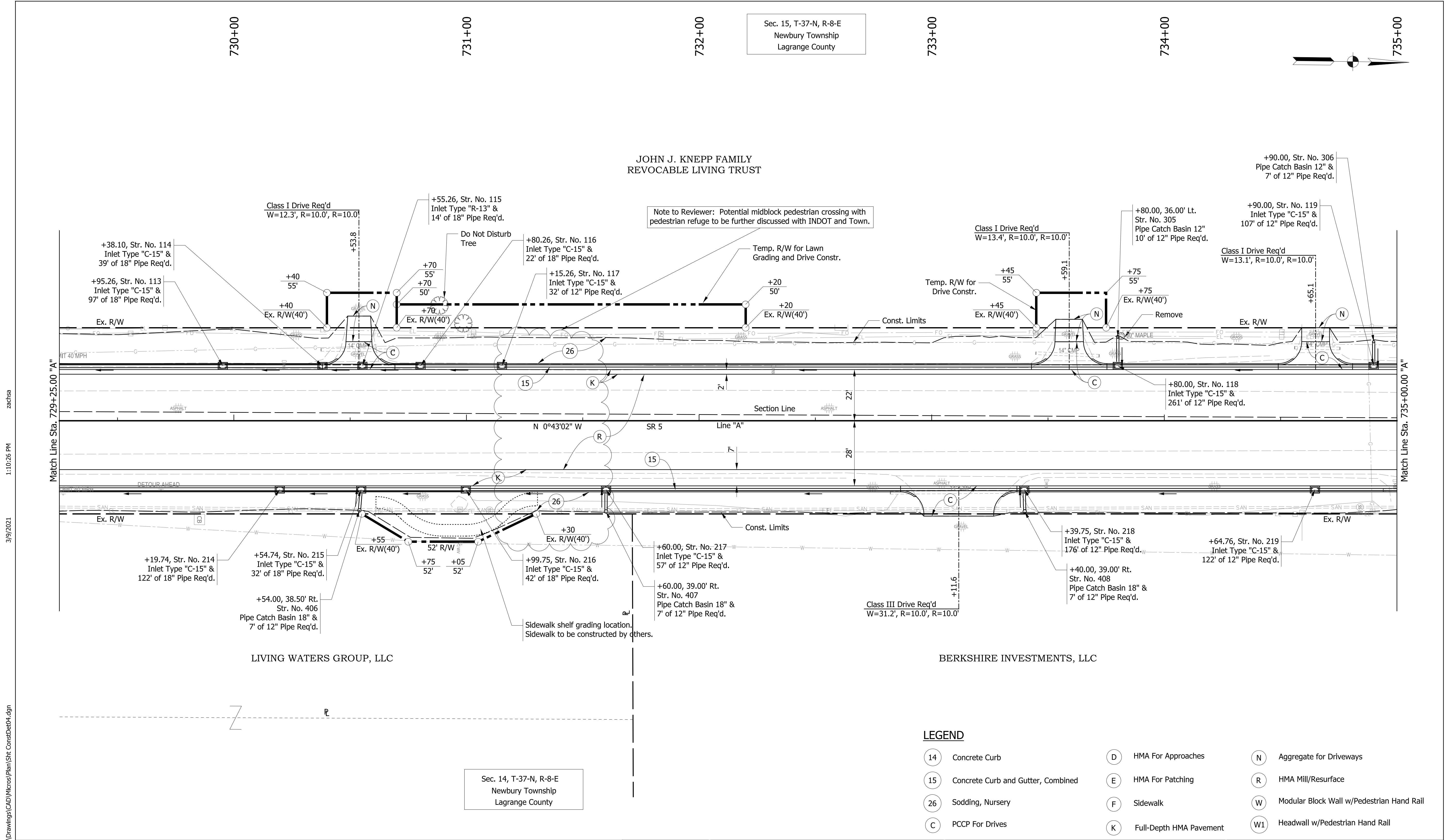
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS  
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	31 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County

JOHN J. KNEPP FAMILY  
REVOCABLE LIVING TRUST

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County

**LEGEND**

- (14) Concrete Curb
- (15) Concrete Curb and Gutter, Combined
- (26) Sodding, Nursery
- (C) PCCP For Drives
- (D) HMA For Approaches
- (E) HMA For Patching
- (F) Sidewalk
- (K) Full-Depth HMA Pavement
- (N) Aggregate for Driveways
- (R) HMA Mill/Resurface
- (W) Modular Block Wall w/Pedestrian Hand Rail
- (W1) Headwall w/Pedestrian Hand Rail

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS  
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	32 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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735+00

736+00

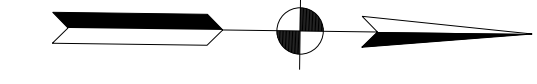
737+00

738+00

739+00

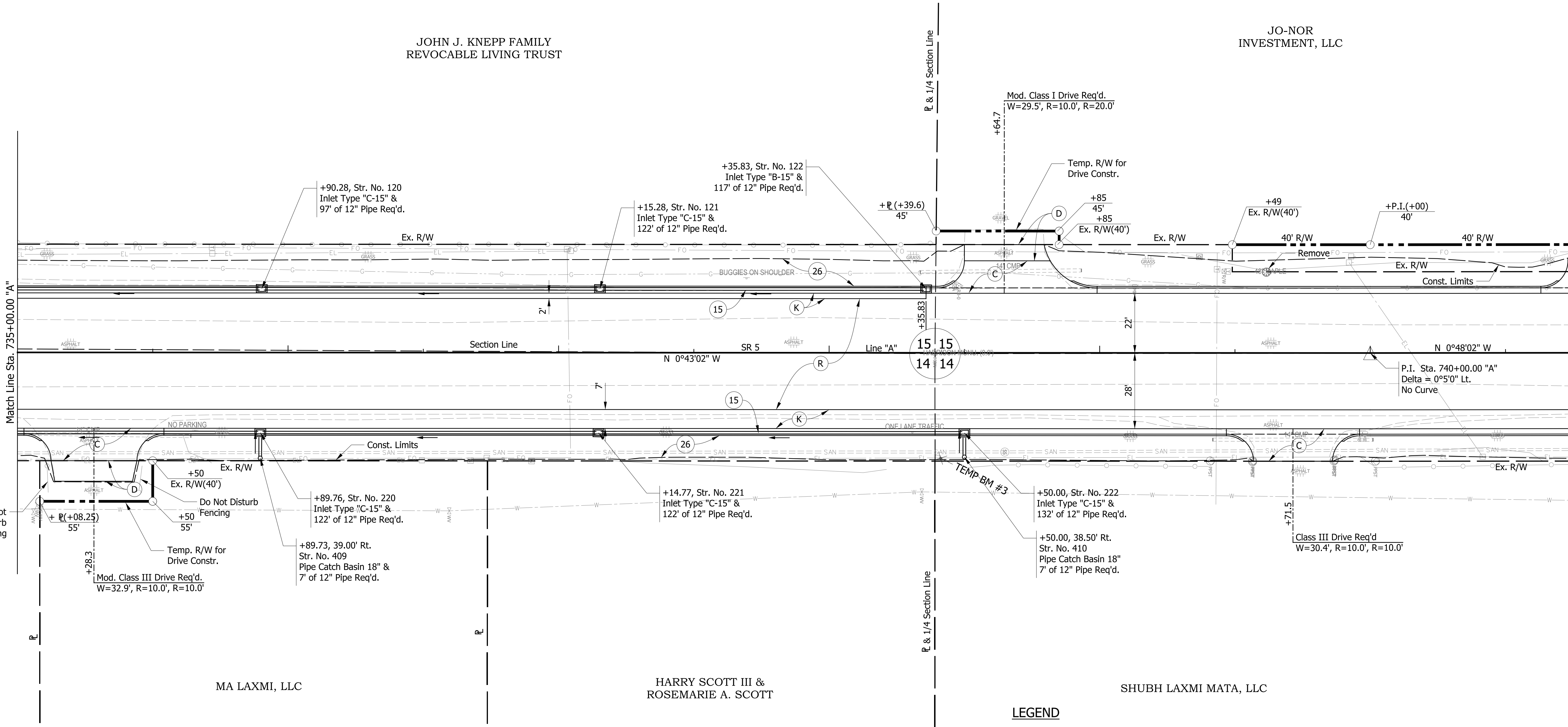
740+00

Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County



JOHN J. KNEPP FAMILY  
REVOCABLE LIVING TRUST

JO-NOR  
INVESTMENT, LLC



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MA LAXMI, LLC

HARRY SCOTT III &  
ROSEMARIE A. SCOTT

SHUBH LAXMI MATA, LLC

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County

**LEGEND**

- (14) Concrete Curb
- (15) Concrete Curb and Gutter, Combined
- (26) Sodding, Nursery
- (C) PCCP For Drives
- (D) HMA For Approaches
- (E) HMA For Patching
- (F) Sidewalk
- (K) Full-Depth HMA Pavement
- (N) Aggregate for Driveways
- (R) HMA Mill/Resurface
- (W) Modular Block Wall w/Pedestrian Hand Rail
- (W1) Headwall w/Pedestrian Hand Rail

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS  
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	33 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

741+00

742+00

743+00

744+00

745+00

746+00

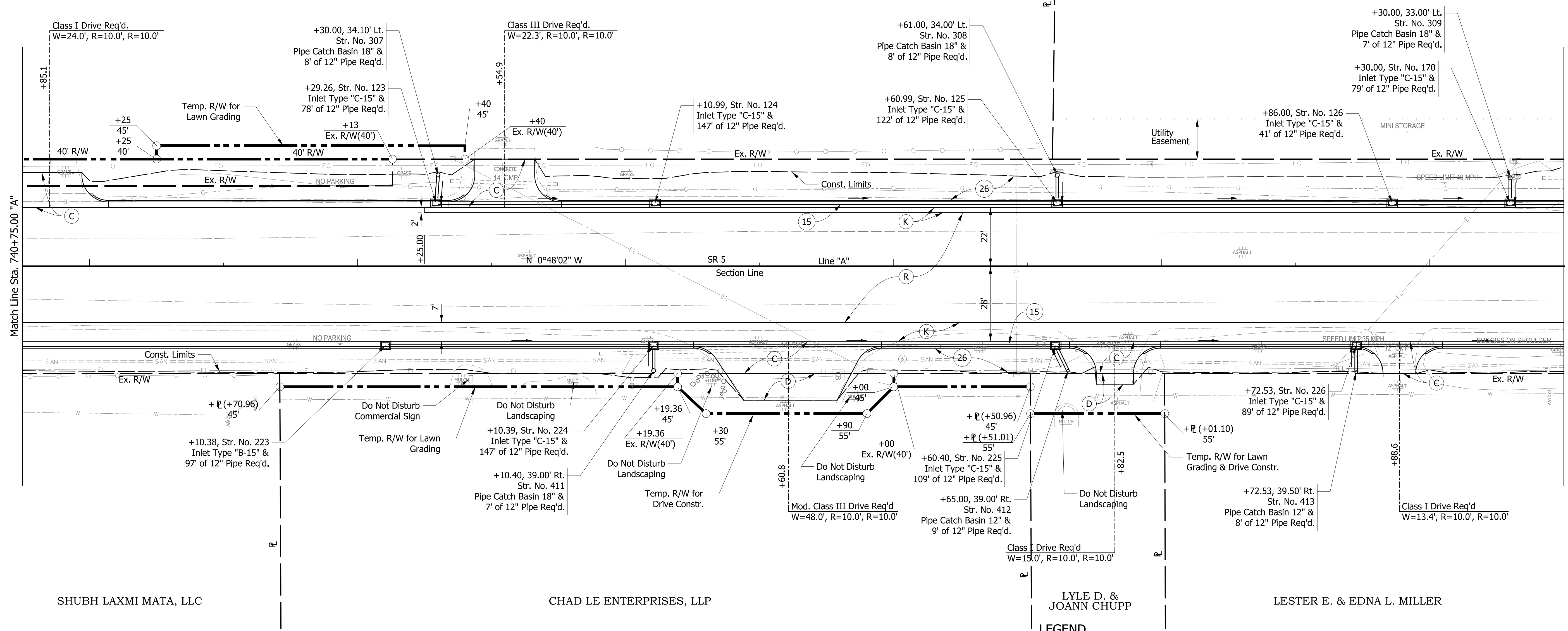
Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County

REPLAT OF REPLAT  
OF VAUGHN'S ADDITION

LOT 2

JO-NOR  
INVESTMENT, LLC

VAUGHN PROPERTIES, LLC



**LEGEND**

(14) Concrete Curb	(D) HMA For Approaches	(N) Aggregate for Driveways
(15) Concrete Curb and Gutter, Combined	(E) HMA For Patching	(R) HMA Mill/Resurface
(26) Sodding, Nursery	(F) Sidewalk	(W) Modular Block Wall w/Pedestrian Hand Rail
(C) PCCP For Drives	(K) Full-Depth HMA Pavement	(W1) Headwall w/Pedestrian Hand Rail

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

INDIANA  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS  
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	34 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County

REPLAT OF REPLAT OF VAUGHN'S ADDITION

LOT 2

VAUGHN PROPERTIES, LLC

JO-NOR INVESTMENT, LLC

BLUE GATE HOLDINGS, LLC

MILLER FAMILY REVOCABLE LIVING TRUST  
LESTER E. MILLER & EDNA L. MILLER,  
TRUSTEES

HENRY L. MILLER, EDNA MILLER & BEN A. MILLER

MASTERCRAFT, INC

FLOYD MILLER'S ACRE

MILLER'S ACRES

LEGEND

- 14 Concrete Curb
- 15 Concrete Curb and Gutter, Combined
- 26 Sodding, Nursery
- C PCCP For Drives
- D HMA For Approaches
- E HMA For Patching
- F Sidewalk
- K Full-Depth HMA Pavement
- N Aggregate for Driveways
- R HMA Mill/Resurface
- W Modular Block Wall w/Pedestrian Hand Rail
- W1 Headwall w/Pedestrian Hand Rail

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RECOMMENDED FOR APPROVAL \_\_\_\_\_  
DESIGN ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

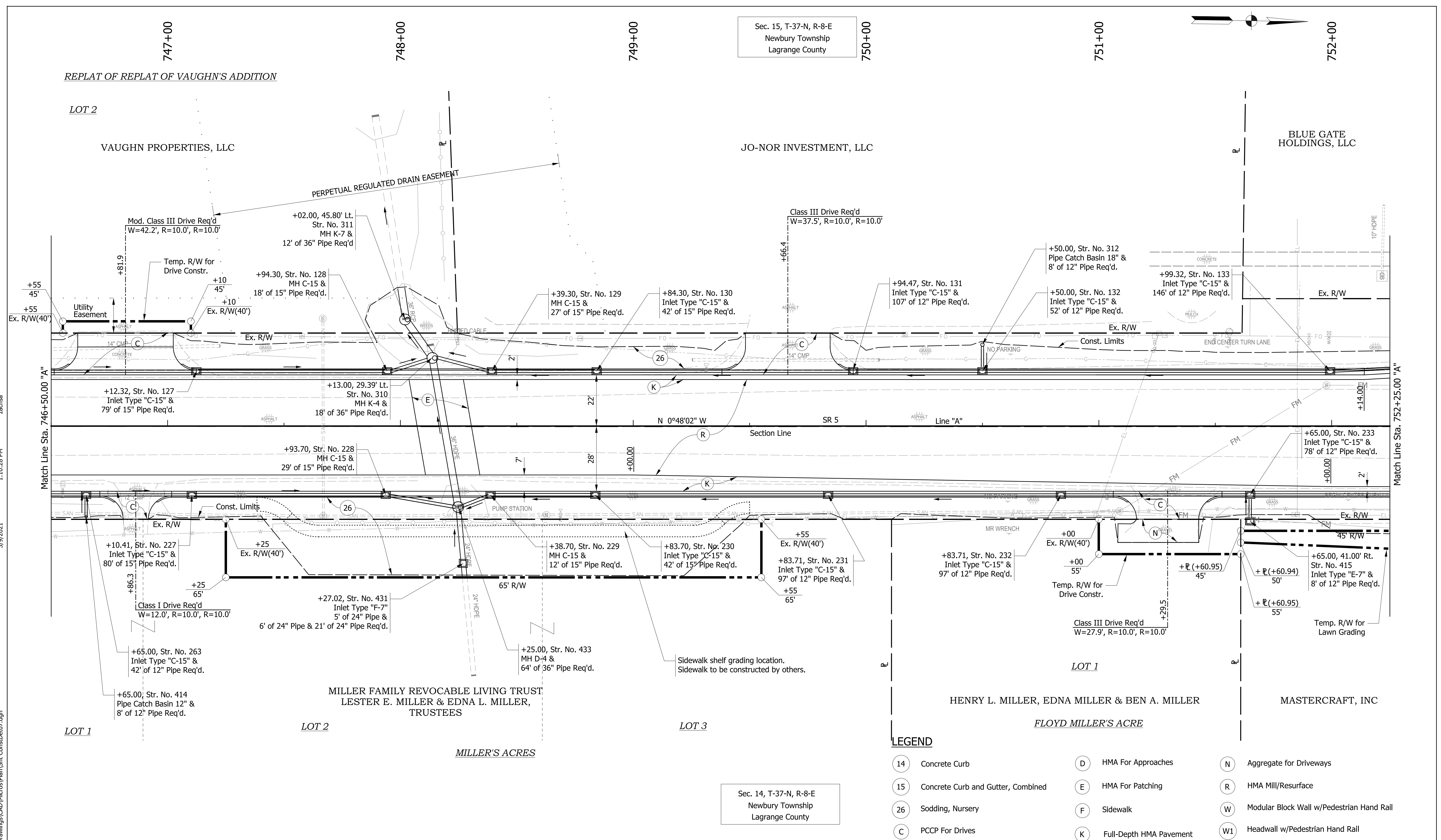
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CHECKED: BBB CHECKED: MAR

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS  
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179

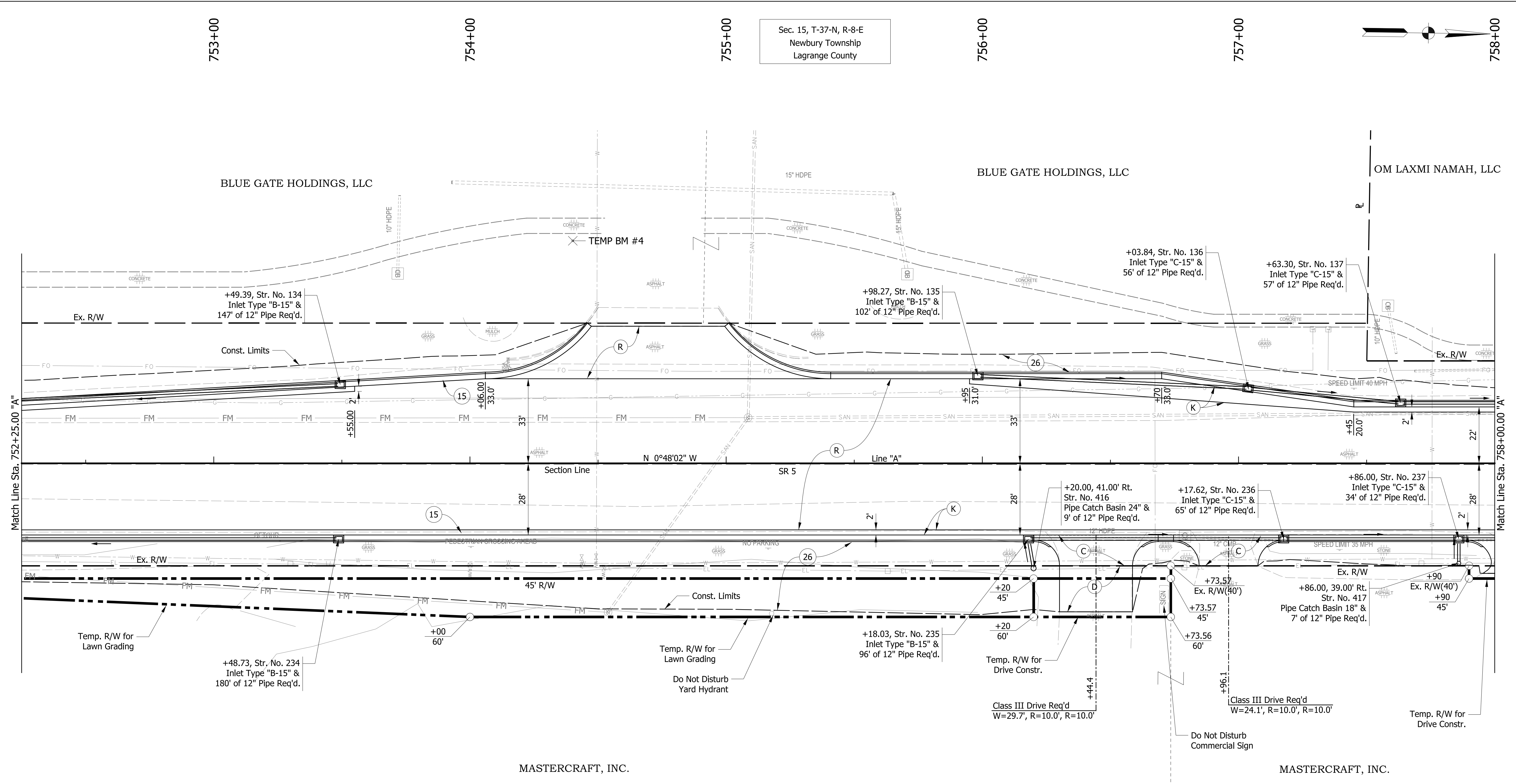
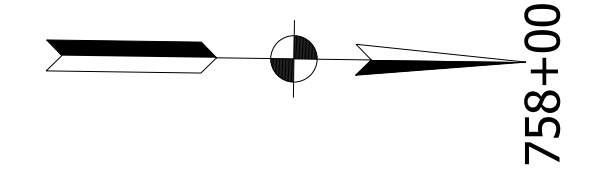
SURVEY BOOK NO.	SHEETS
NA	35 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179



Street Approach Req'd, Lt.  
Sta. 754+71.2 "A"  
W=39.2', R=40.0', R=40.0'

Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County



**LEGEND**

- (14) Concrete Curb
- (15) Concrete Curb and Gutter, Combined
- (26) Sodding, Nursery
- (C) PCCP For Drives
- (D) HMA For Approaches
- (E) HMA For Patching
- (F) Sidewalk
- (K) Full-Depth HMA Pavement
- (N) Aggregate for Driveways
- (R) HMA Mill/Resurface
- (W) Modular Block Wall w/Pedestrian Hand Rail
- (W1) Headwall w/Pedestrian Hand Rail

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA DEPARTMENT OF TRANSPORTATION**

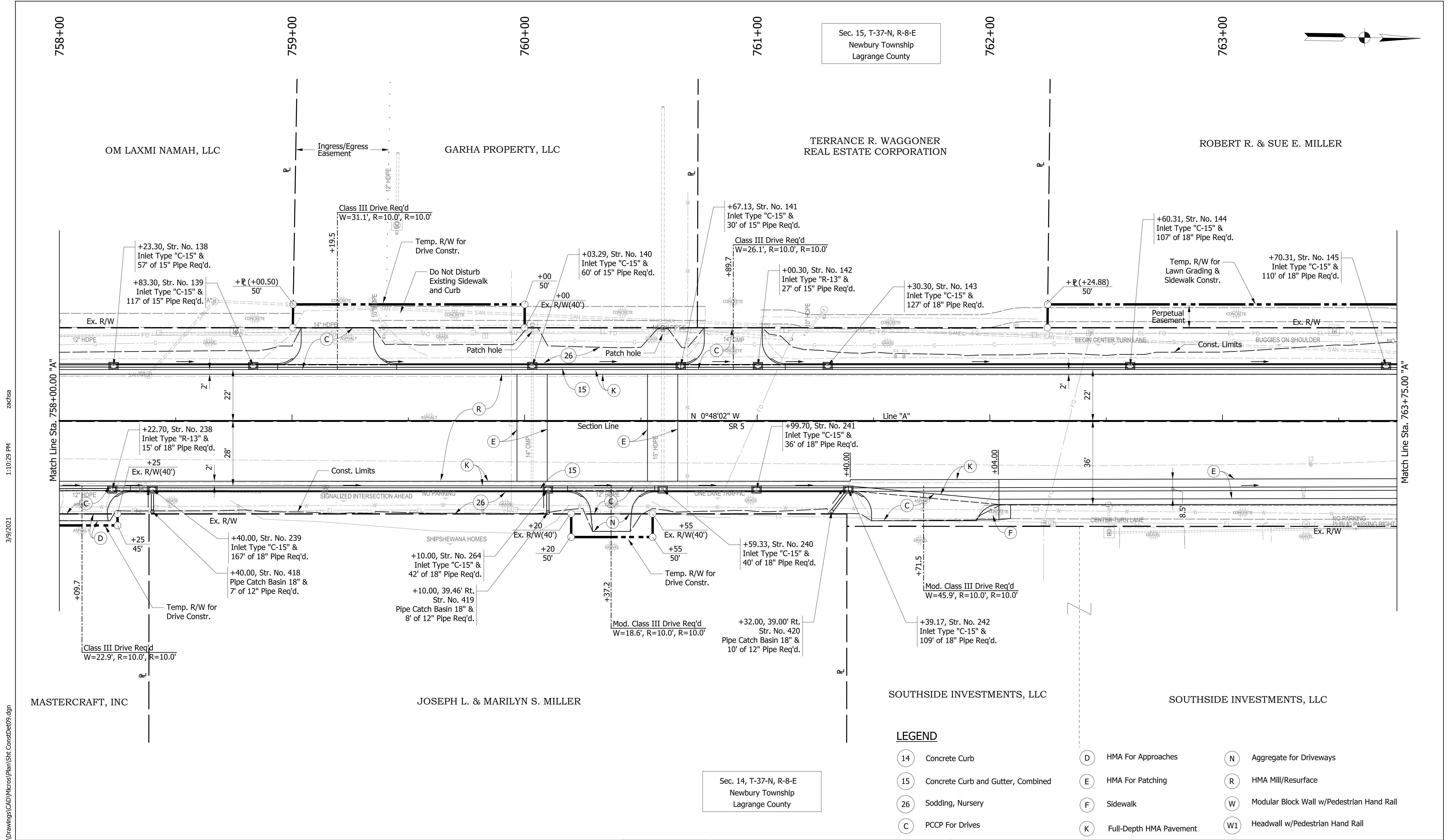
**CONSTRUCTION DETAILS**

**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	36 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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Sec. 15, T-37-N, R-8-E  
Newbury Township  
Lagrange County

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County

**LEGEND**

- (14) Concrete Curb
- (15) Concrete Curb and Gutter, Combined
- (26) Sodding, Nursery
- (C) PCCP For Drives
- (D) HMA For Approaches
- (E) HMA For Patching
- (F) Sidewalk
- (K) Full-Depth HMA Pavement
- (N) Aggregate for Driveways
- (R) HMA Mill/Resurface
- (W) Modular Block Wall w/Pedestrian Hand Rail
- (W1) Headwall w/Pedestrian Hand Rail

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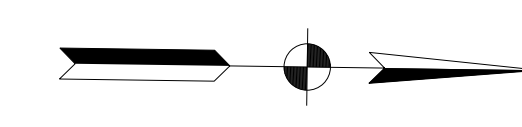
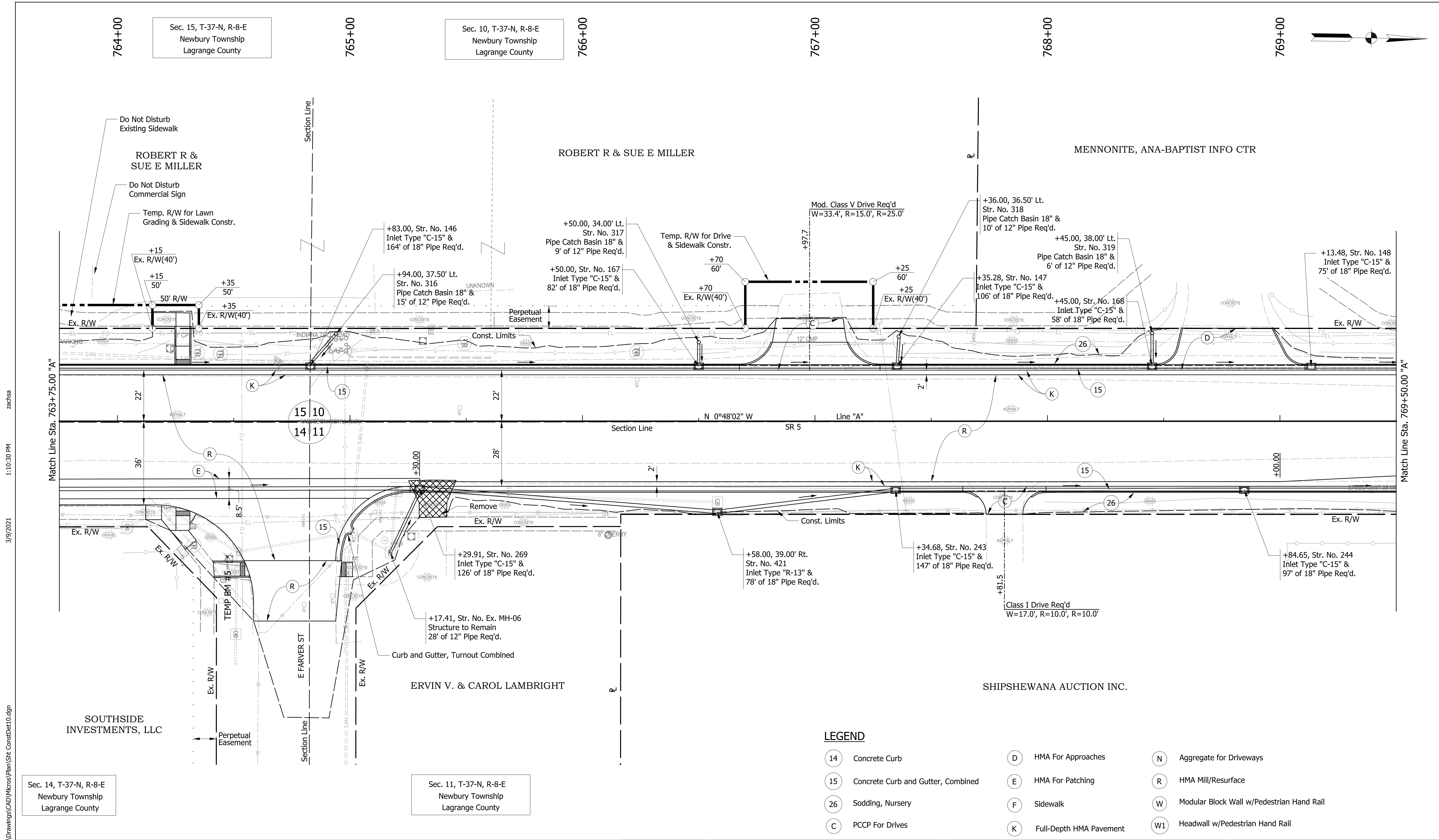
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	37 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179



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**LEGEND**

- (14) Concrete Curb
- (15) Concrete Curb and Gutter, Combined
- (26) Sodding, Nursery
- (C) PCCP For Drives
- (D) HMA For Approaches
- (E) HMA For Patching
- (F) Sidewalk
- (K) Full-Depth HMA Pavement
- (N) Aggregate for Driveways
- (R) HMA Mill/Resurface
- (W) Modular Block Wall w/Pedestrian Hand Rail
- (W1) Headwall w/Pedestrian Hand Rail

Sec. 14, T-37-N, R-8-E  
Newbury Township  
Lagrange County

Sec. 11, T-37-N, R-8-E  
Newbury Township  
Lagrange County

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

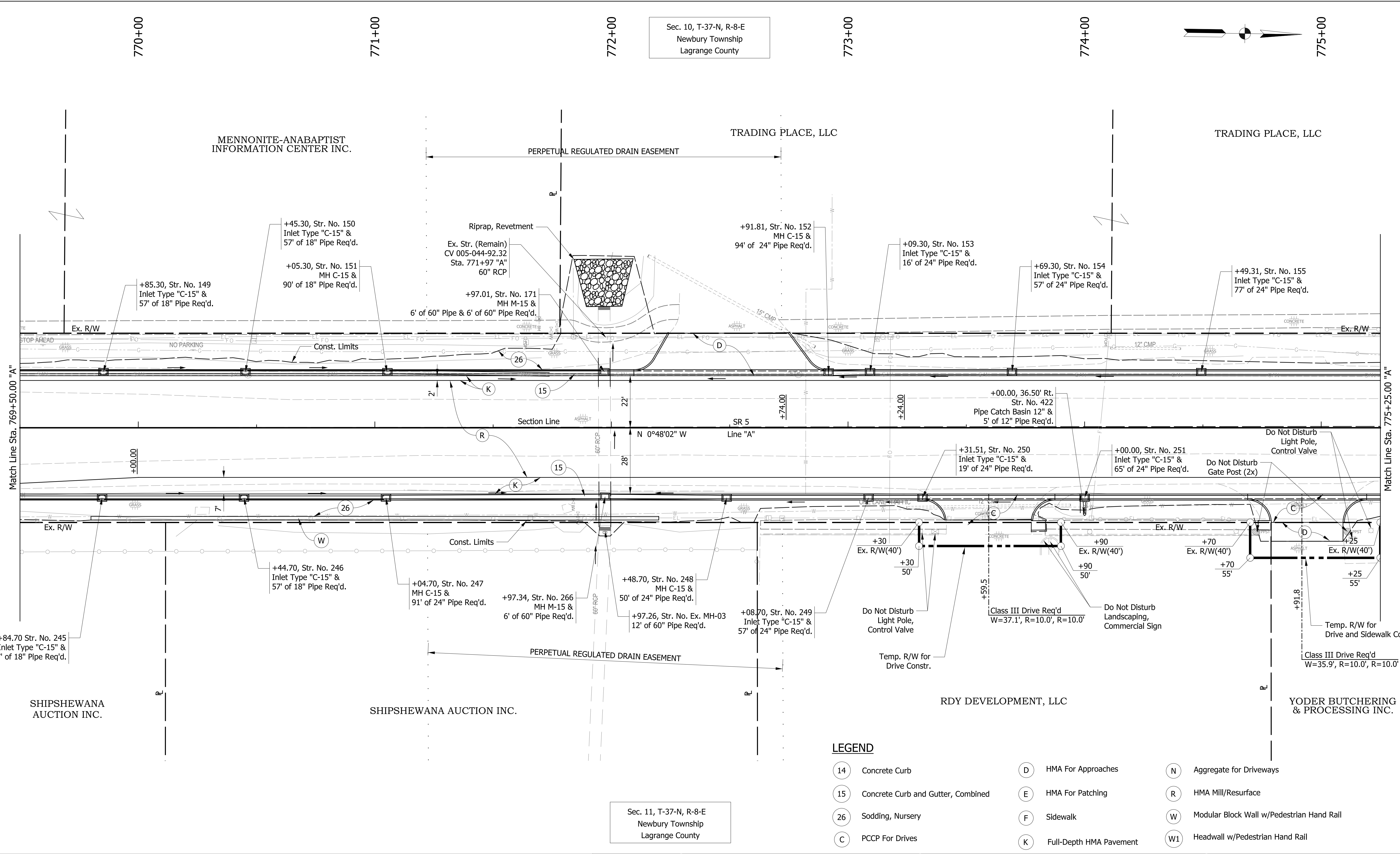
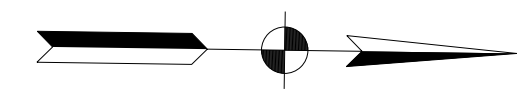
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS  
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	38 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

Street Approach Req'd Lt.  
Sta. 772+48.91 "A"  
W=40.2', R=10.0', R=10.0'

Sec. 10, T-37-N, R-8-E  
Newbury Township  
Lagrange County



**LEGEND**

- 14 Concrete Curb
- D HMA For Approaches
- N Aggregate for Driveways
- 15 Concrete Curb and Gutter, Combined
- E HMA For Patching
- R HMA Mill/Resurface
- 26 Sodding, Nursery
- F Sidewalk
- W Modular Block Wall w/Pedestrian Hand Rail
- C PCCP For Drives
- K Full-Depth HMA Pavement
- W1 Headwall w/Pedestrian Hand Rail

Sec. 11, T-37-N, R-8-E  
Newbury Township  
Lagrange County

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

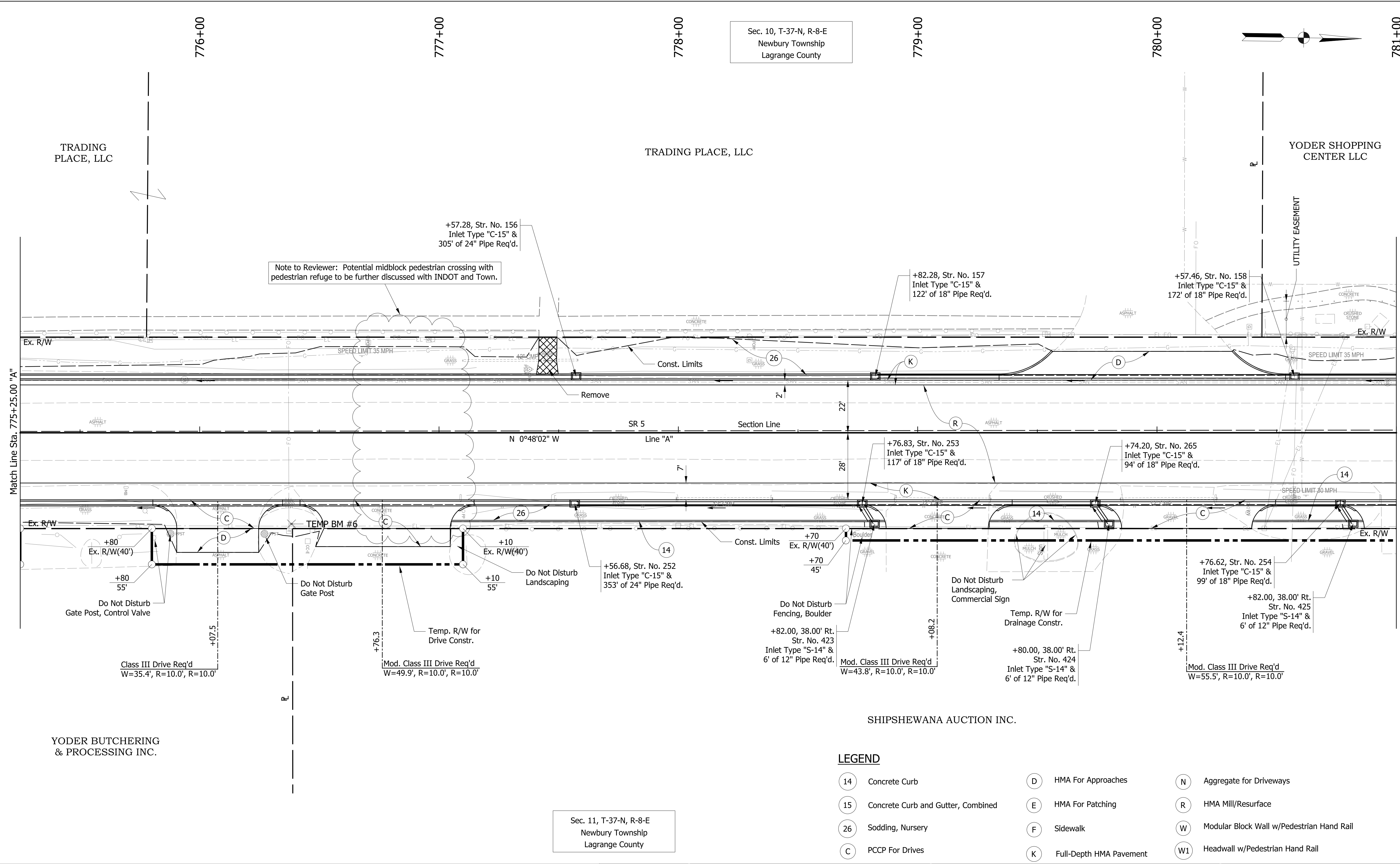
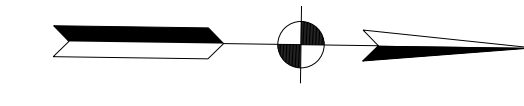
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS  
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	39 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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Sec. 10, T-37-N, R-8-E  
 Newbury Township  
 Lagrange County



Sec. 11, T-37-N, R-8-E  
 Newbury Township  
 Lagrange County

**LEGEND**

- 14 Concrete Curb
- D HMA For Approaches
- N Aggregate for Driveways
- 15 Concrete Curb and Gutter, Combined
- E HMA For Patching
- R HMA Mill/Resurface
- 26 Sodding, Nursery
- F Sidewalk
- W Modular Block Wall w/Pedestrian Hand Rail
- C PCCP For Drives
- K Full-Depth HMA Pavement
- W1 Headwall w/Pedestrian Hand Rail

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>  <b>CONSTRUCTION DETAILS</b>  <b>LINE "A"</b>	HORIZONTAL SCALE 1" = 20' VERTICAL SCALE NA SURVEY BOOK NO. NA of 40 CONTRACT NO. R-40477	BRIDGE FILE NO. NA DESIGNATION NO. 1700179 SHEETS of 139 PROJECT NO. 1700179
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DESIGNED: ZMS	DRAWN: ACB
CHECKED: BBB	CHECKED: MAR

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Alley Approach Req'd, Rt.  
Sta. 782+66.13 "A"

Street Approach Req'd, Rt.  
Sta. 784+26.01 "A"

Alley Approach Req'd, Rt.  
Sta. 786+01.58 "A"

Sec. 10, T-37-N, R-8-E  
Newbury Township  
Lagrange County

Sec. 11, T-37-N, R-8-E  
Newbury Township  
Lagrange County

781+00

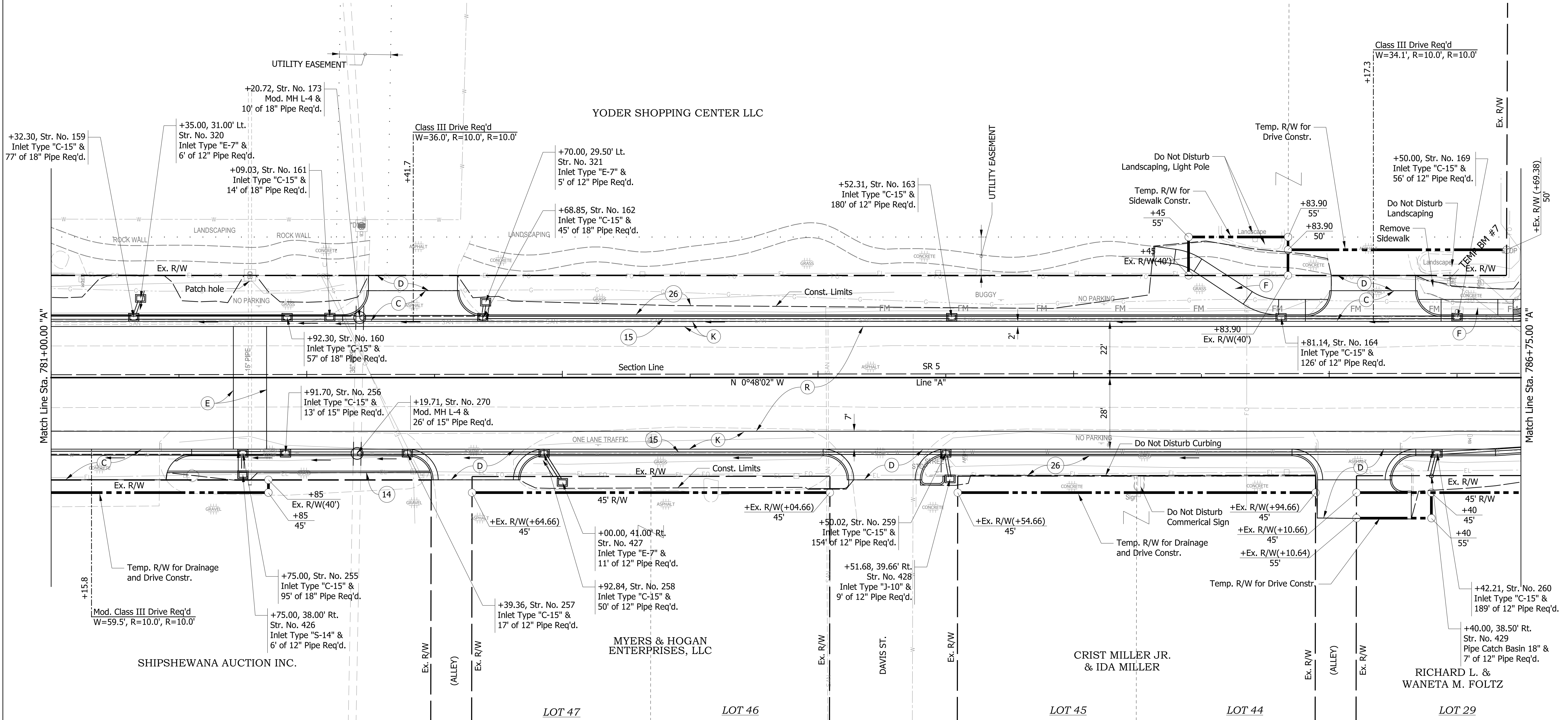
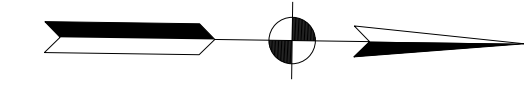
782+00

783+00

784+00

785+00

786+00



**LEGEND**

- |                                       |                           |   |
|---------------------------------------|---------------------------|---|
| 14 Concrete Curb                      | D HMA For Approaches      | N Aggregate for Driveways                   |
| 15 Concrete Curb and Gutter, Combined | E HMA For Patching        | R HMA Mill/Resurface                        |
| 26 Sodding, Nursery                   | F Sidewalk                | W Modular Block Wall w/Pedestrian Hand Rail |
| C PCCP For Drives                     | K Full-Depth HMA Pavement | W1 Headwall w/Pedestrian Hand Rail          |

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

**LINE "A"**

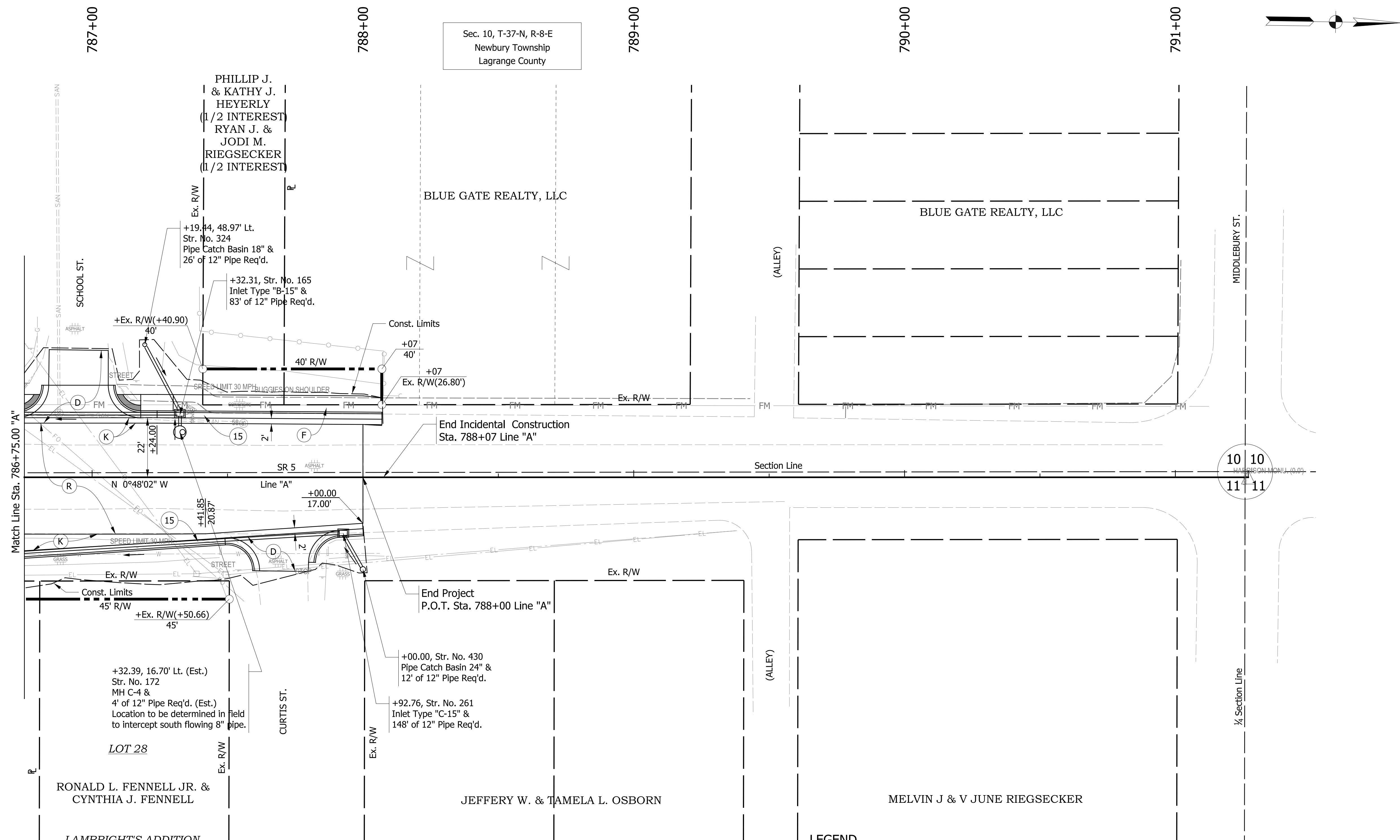
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1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	41 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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Street Approach Req'd, Lt.  
Sta. 786+94.96 "A"

Street Approach Req'd, Rt.  
Sta. 787+70.65 "A"

Street Approach Req'd  
Sta. 788+29.00 "A"



Sec. 10, T-37-N, R-8-E  
Newbury Township  
Lagrange County

Sec. 11, T-37-N, R-8-E  
Newbury Township  
Lagrange County

**LEGEND**

- |                                       |                           |   |
|---------------------------------------|---------------------------|---|
| 14 Concrete Curb                      | D HMA For Approaches      | N Aggregate for Driveways                   |
| 15 Concrete Curb and Gutter, Combined | E HMA For Patching        | R HMA Mill/Resurface                        |
| 26 Sodding, Nursery                   | F Sidewalk                | W Modular Block Wall w/Pedestrian Hand Rail |
| C PCCP For Drives                     | K Full-Depth HMA Pavement | W1 Headwall w/Pedestrian Hand Rail          |

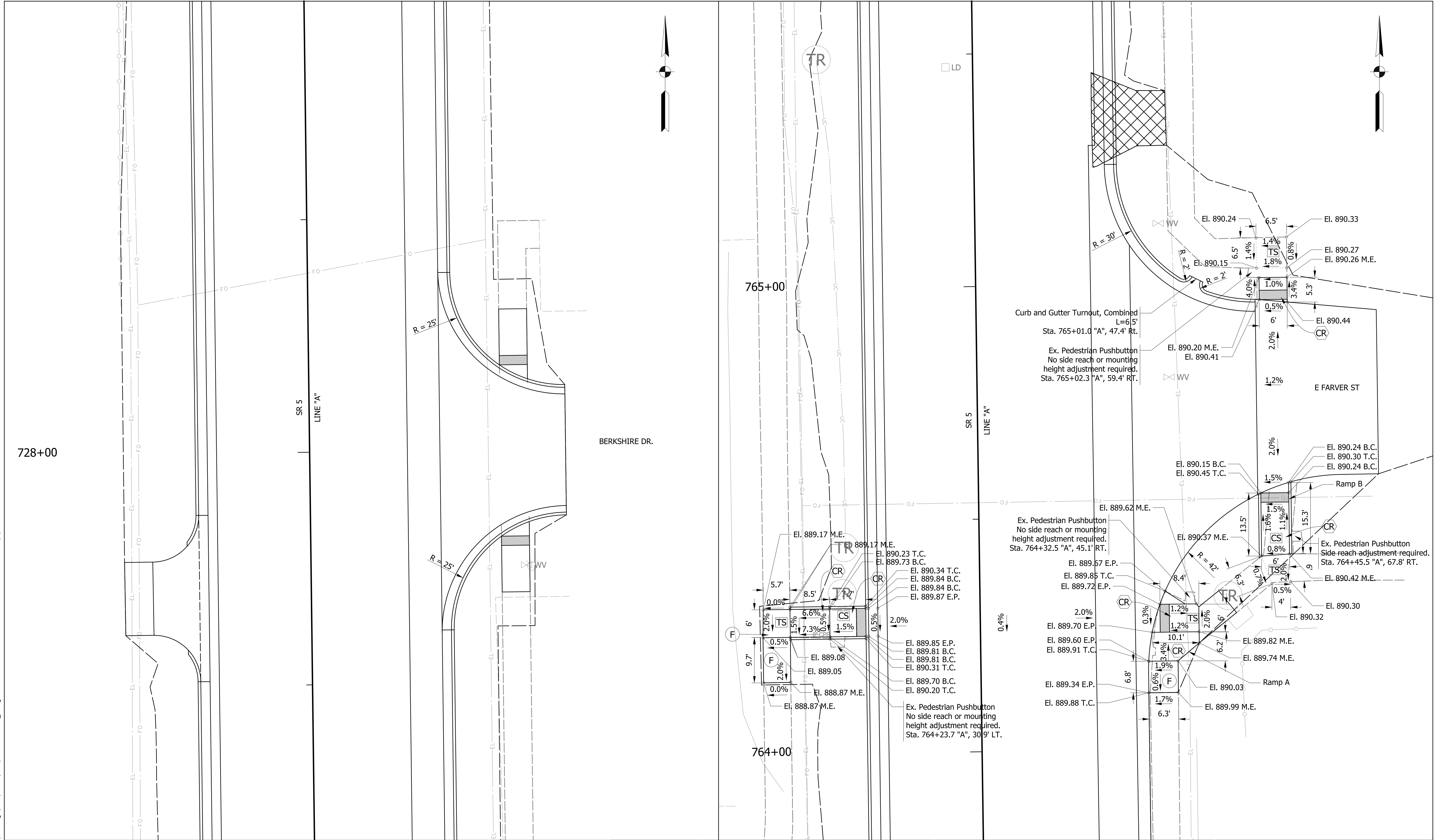
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

INDIANA  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS**  
**LINE "A"**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE NO. NA
VERTICAL SCALE NA	DESIGNATION NO. 1700179
SURVEY BOOK NO. NA	SHEETS 42 of 139
CONTRACT NO. R-40477	PROJECT NO. 1700179



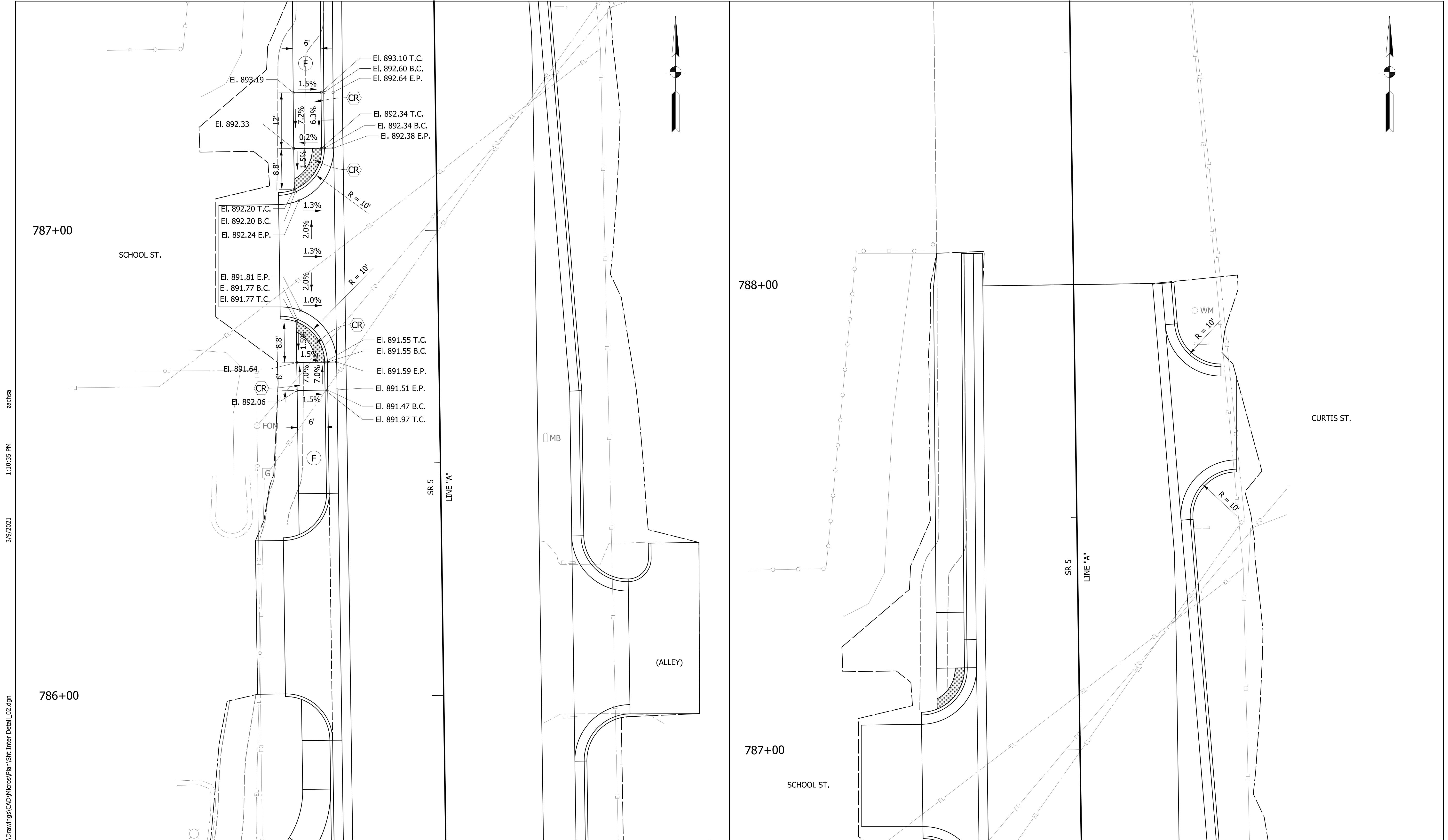
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	Curb Ramp, Concrete	T.C.	Top of Curb
	Concrete Sidewalk	B.C.	Bottom of Curb
	Turning Space	CS	Clear Space

RECOMMENDED FOR APPROVAL _____	
DESIGN ENGINEER _____ DATE _____	
DESIGNED: ZMS	DRAWN: ACB
CHECKED: BBB	CHECKED: MAR

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
LINE "A"**

HORIZONTAL SCALE 1" = 10'	BRIDGE FILE NO. NA
VERTICAL SCALE NA	DESIGNATION NO. 1700179
SURVEY BOOK NO. NA	SHEETS 43 of 139
CONTRACT NO. R-40477	PROJECT NO. 1700179



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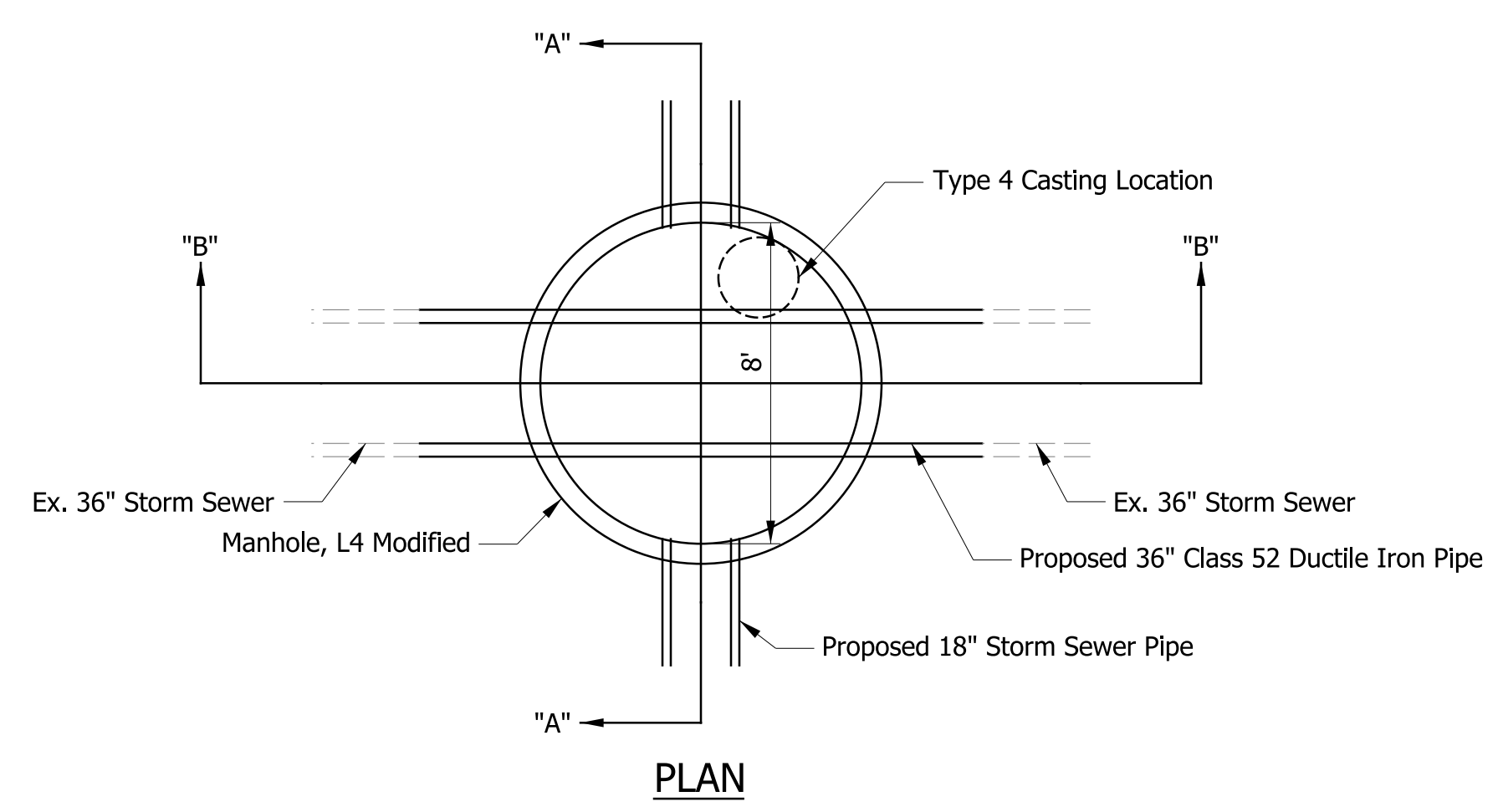
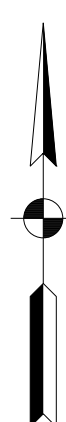
	Detectable Warning Surface	M.E.	Match Existing
	Curb Ramp, Concrete	T.C.	Top of Curb
	Concrete Sidewalk	B.C.	Bottom of Curb
	Turning Space	CS	Clear Space

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: ZMS	DRAWN: ACB		
CHECKED: BBB	CHECKED: MAR		

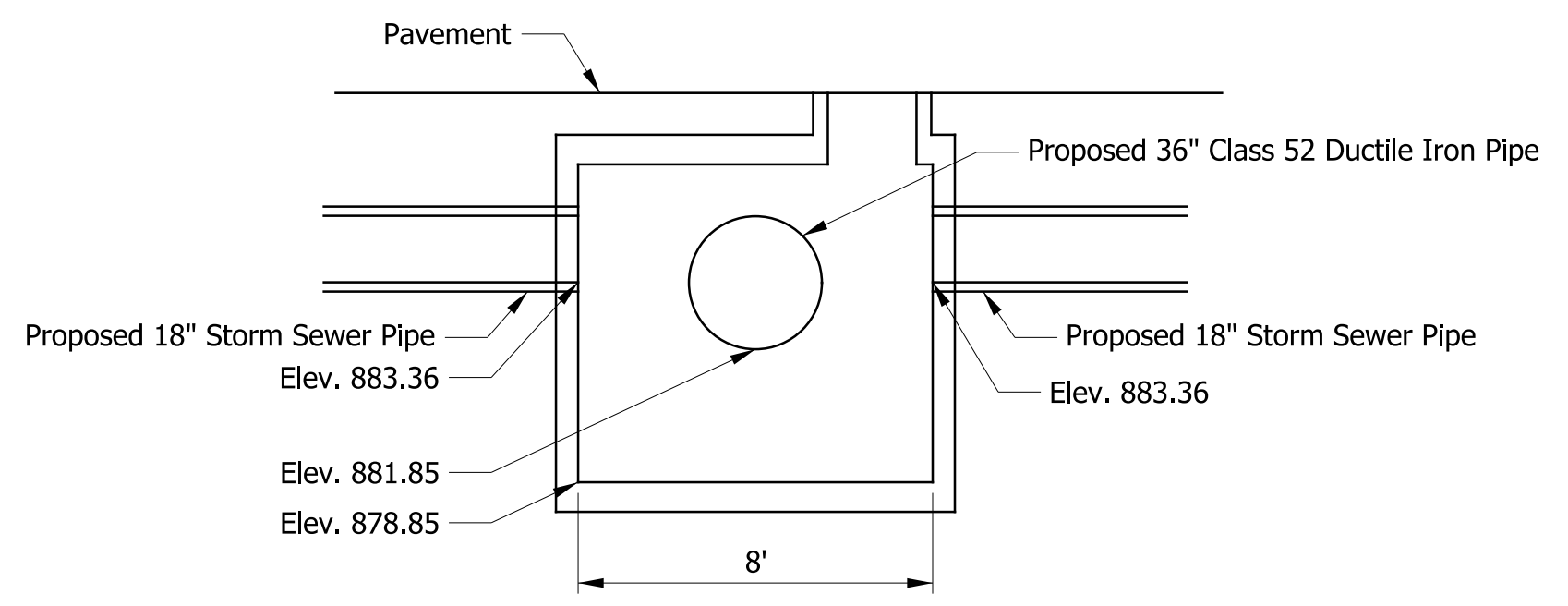
**INDIANA DEPARTMENT OF TRANSPORTATION**  
**INTERSECTION DETAILS**  
**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 10'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	44 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179



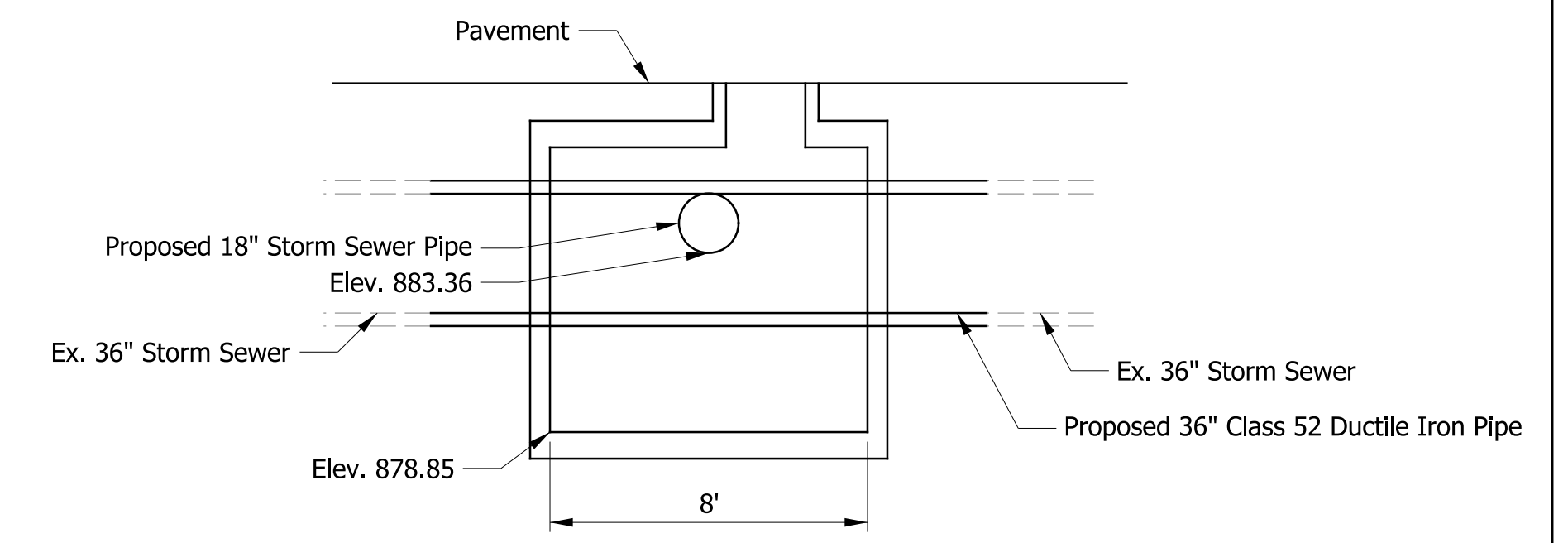


PLAN



SECTION "A-A"

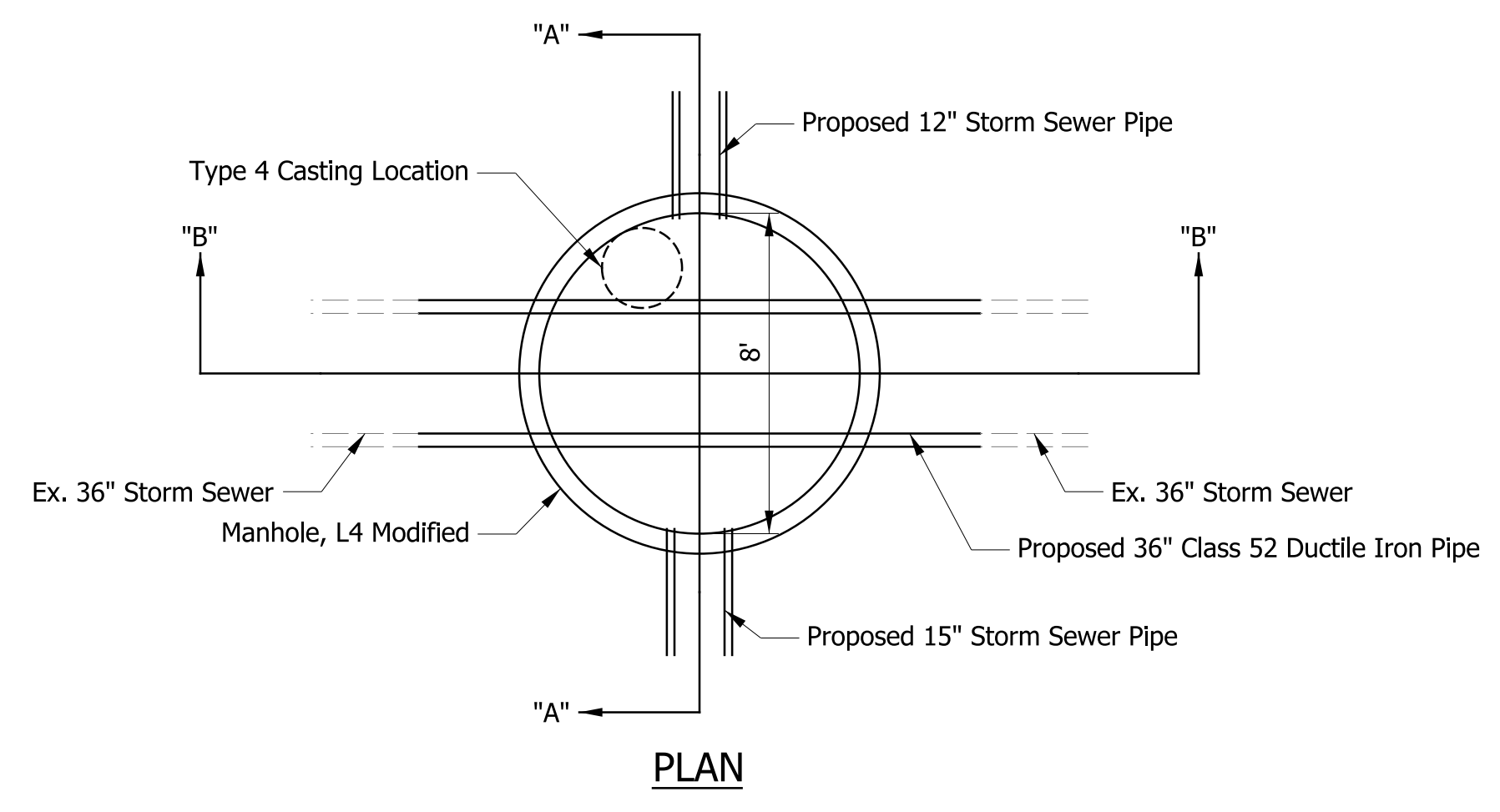
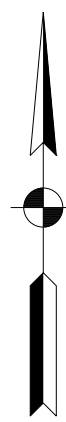
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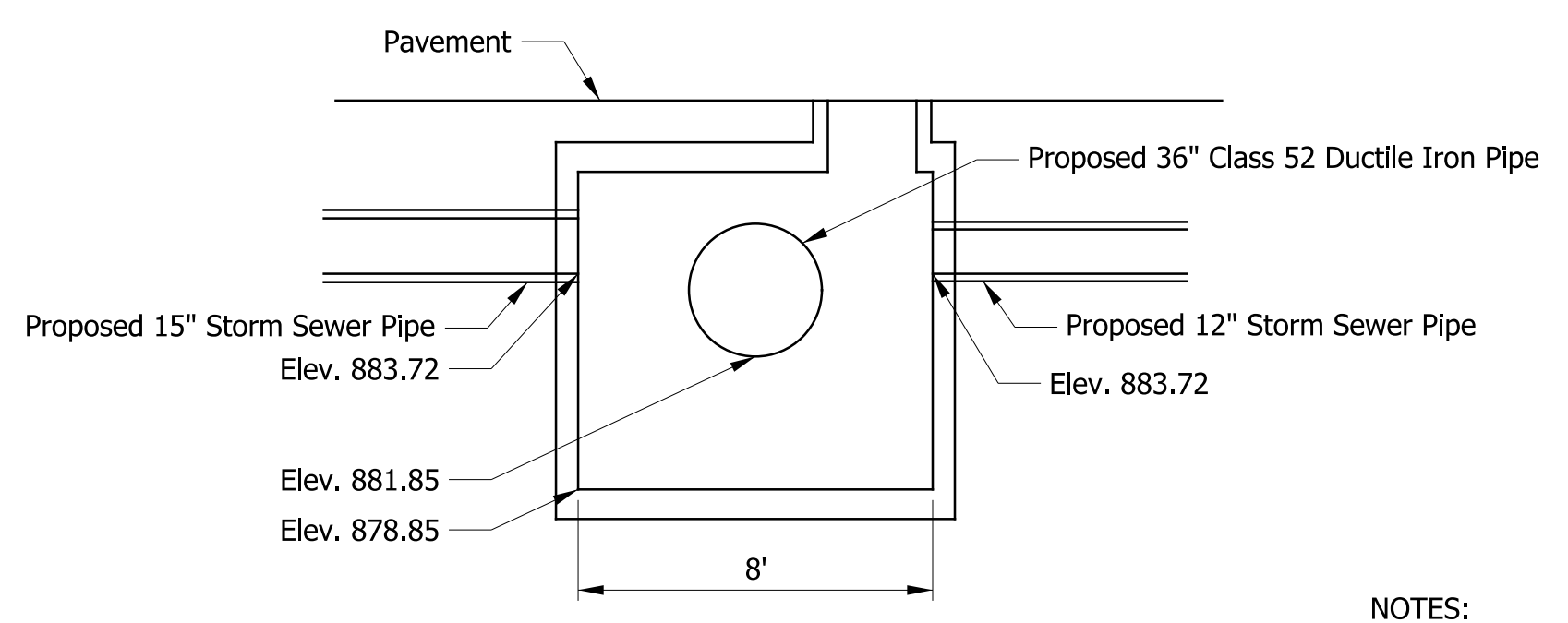
SECTION "B-B"

NOTES:

- Existing storm sewer pipe size shall be field verified prior to ordering materials.

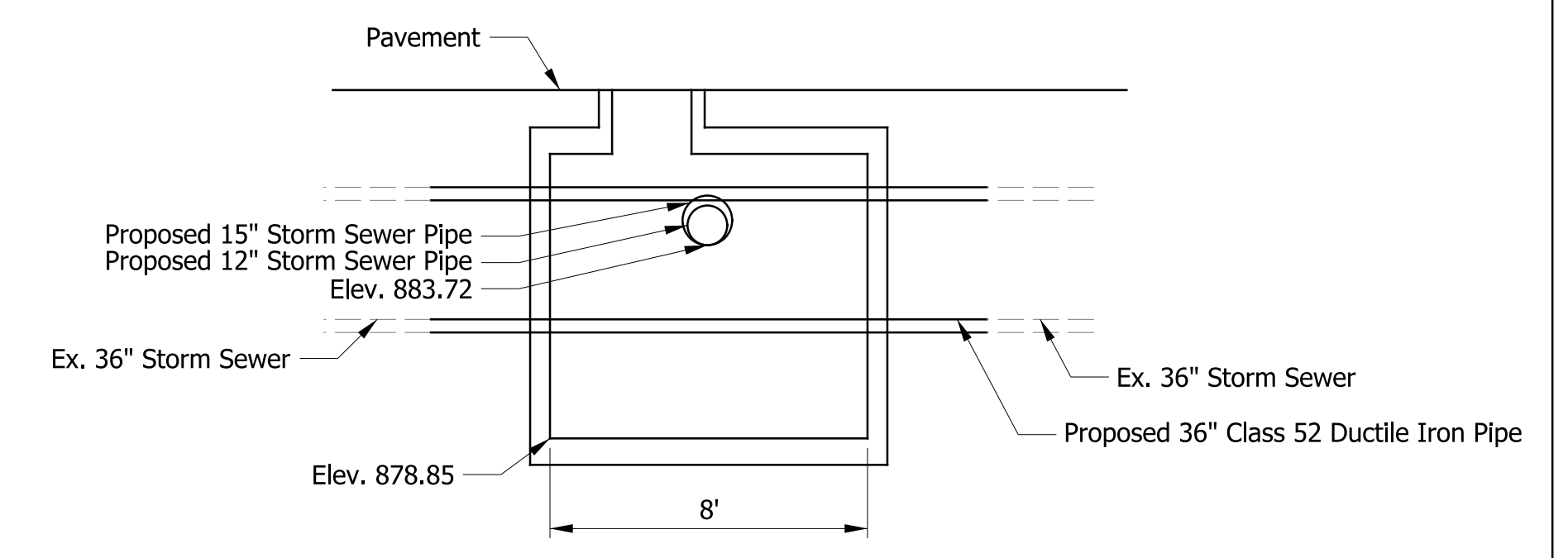


PLAN



SECTION "A-A"

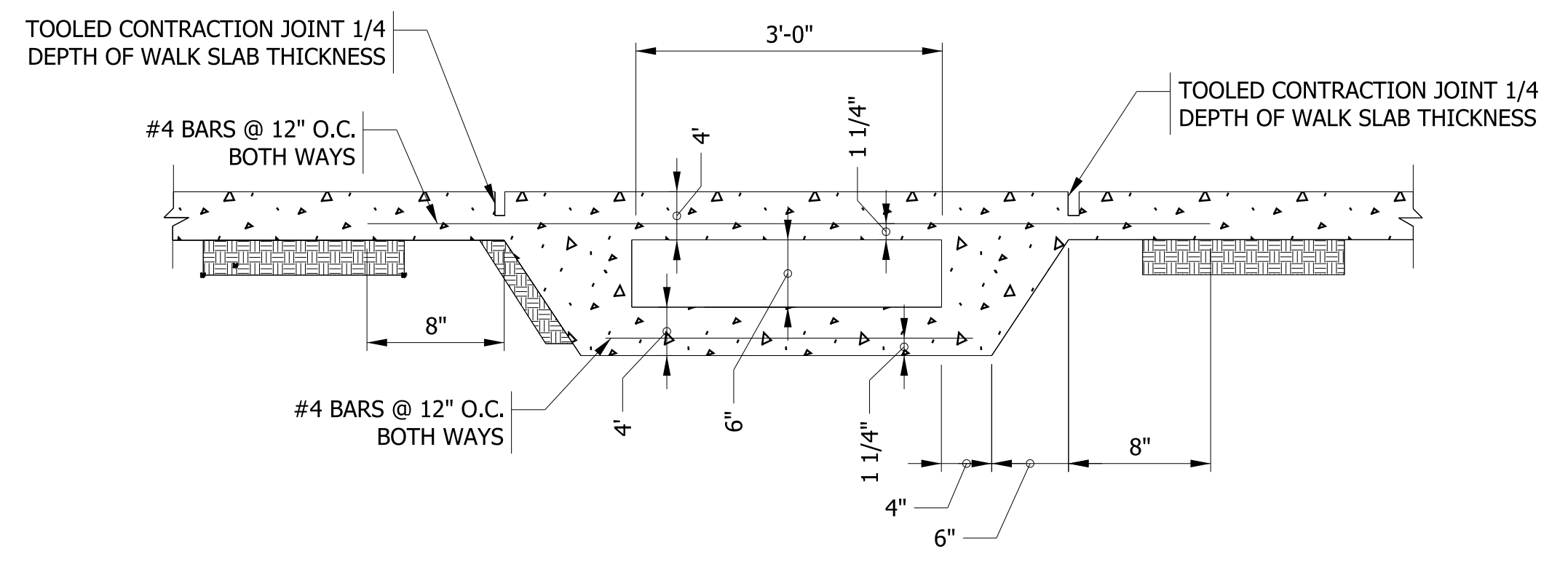
CONFLICT STRUCTURE DETAIL - STR. NO. 270



SECTION "B-B"

NOTES:

- Existing storm sewer pipe size shall be field verified prior to ordering materials.



SPECIAL SIDEWALK DRAINAGE STRUCTURE

No Scale

NOTES:

- Formwork shall be removed after concrete has met strength requirement.
- Concrete shall be Class "A" with Polypropylene Fibers (per standard specifications).
- Subgrade shall be compacted and low areas filled with INDOT #8 crushed stone.

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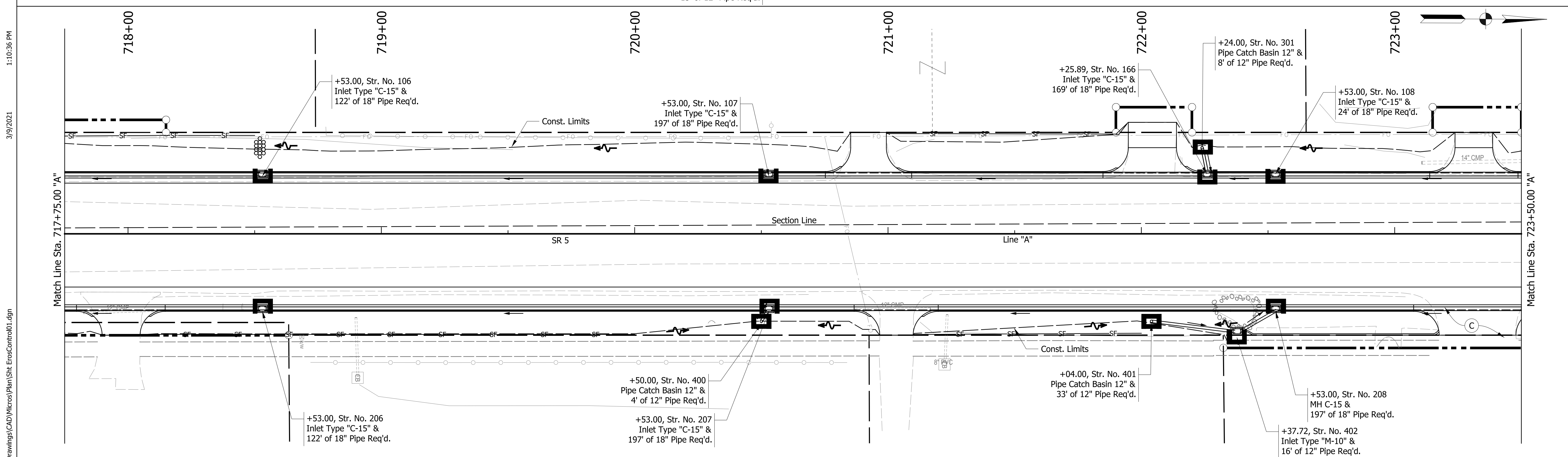
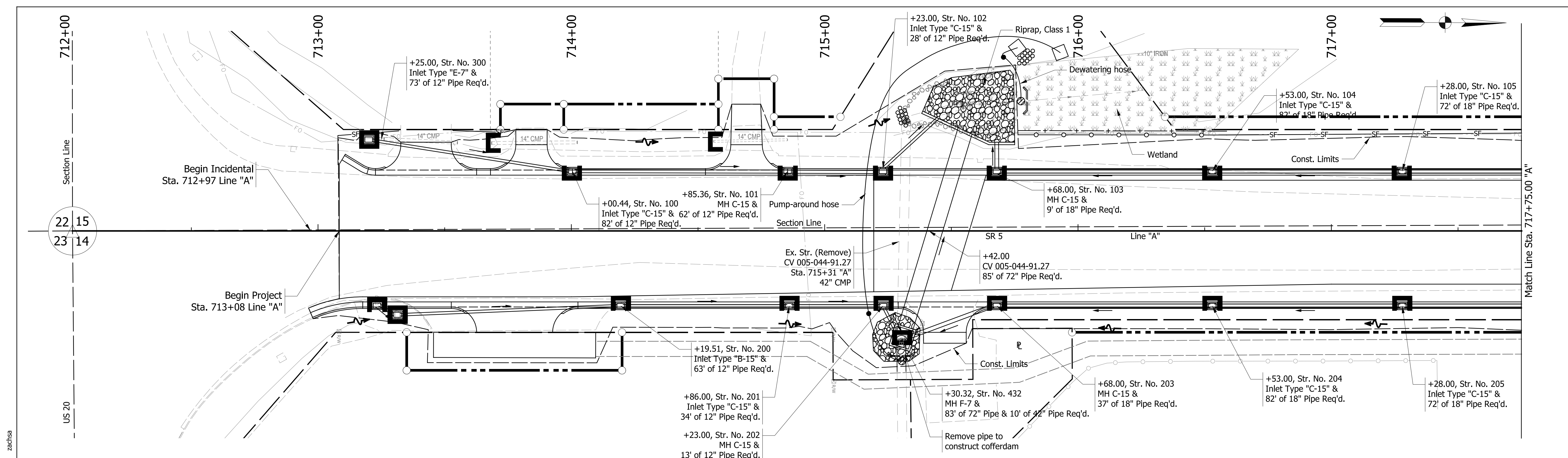
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS**

HORIZONTAL SCALE	BRIDGE FILE NO.
1/4" = 1'-0"	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	45 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179



**LEGEND**

	Inlet Protection		Protected Resource Fence
	Ditch Check Protection, Modified		Silt Fence
	Directional Flow Arrow		Cofferdam
	Pump		Sump Hole
	Filter Sock		

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB		
CHECKED: BBB	CHECKED: MAR		

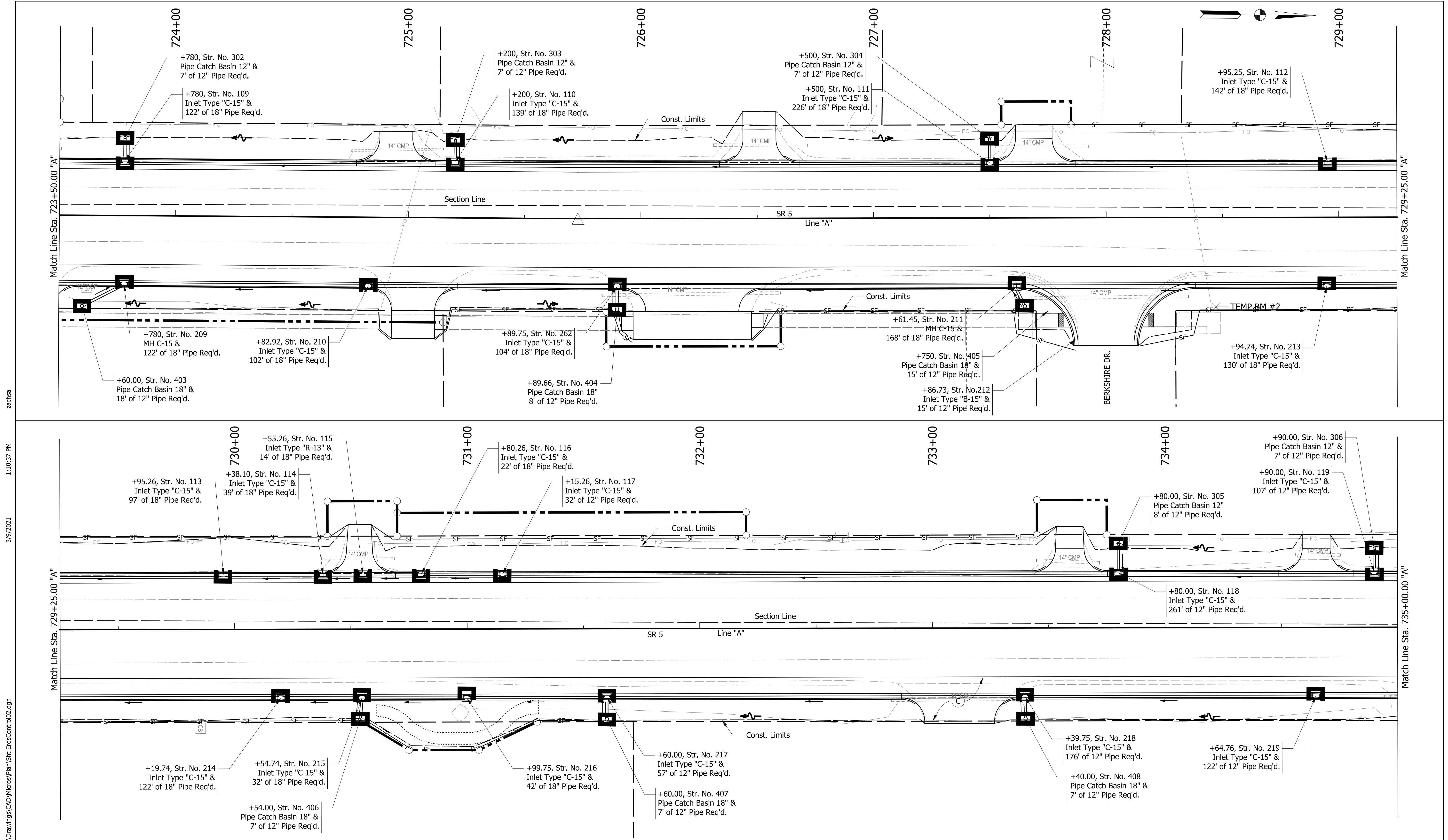
**INDIANA DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	46 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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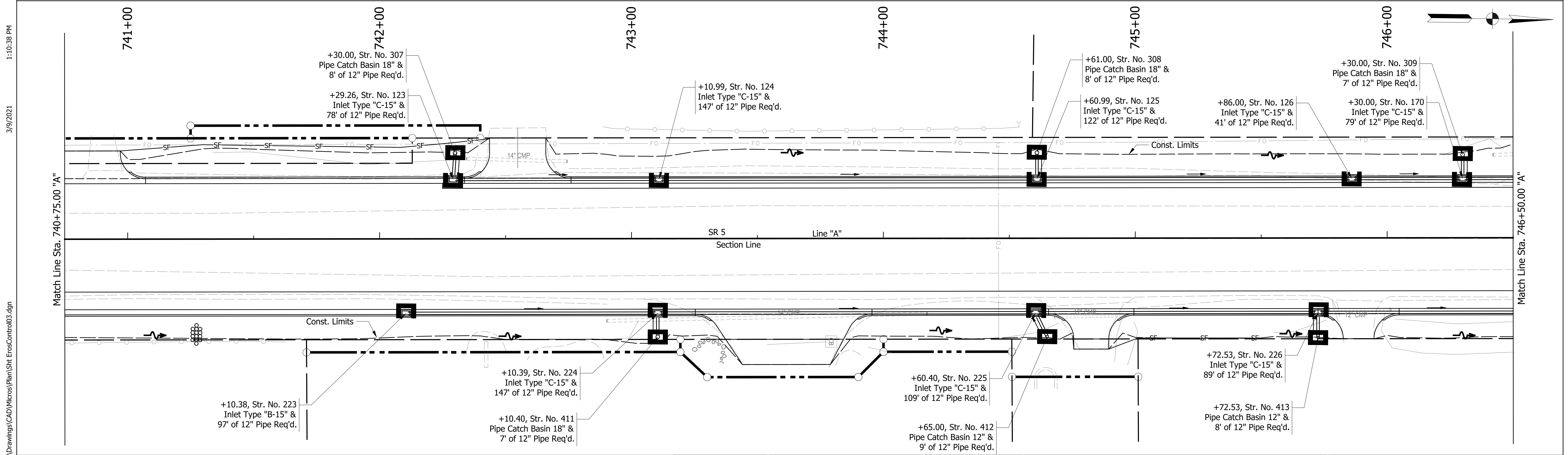
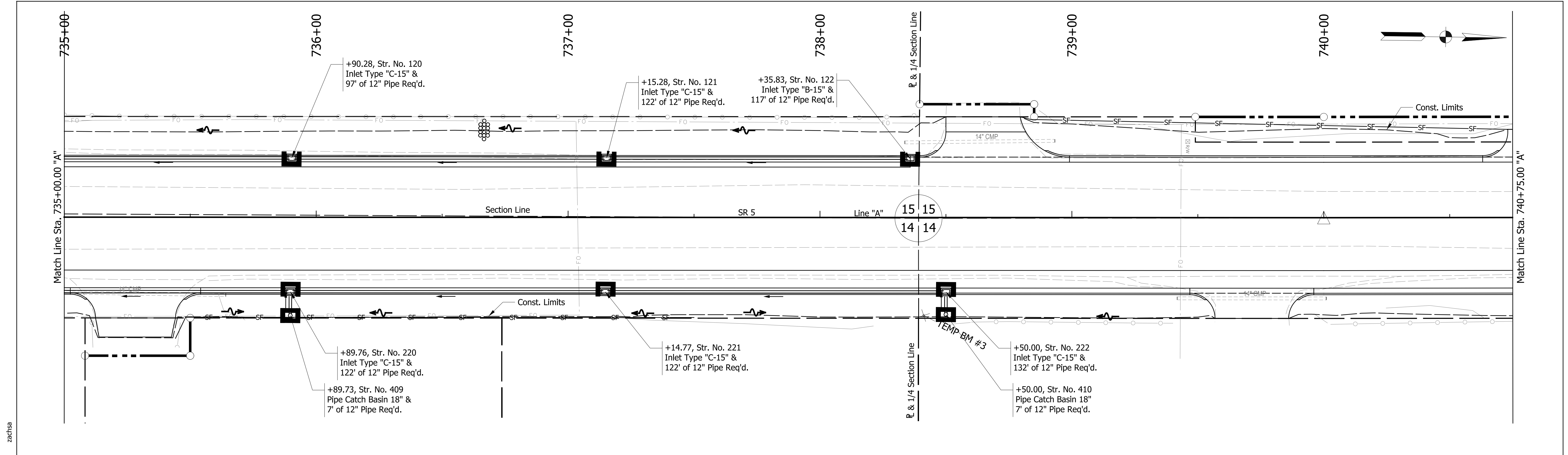
**LEGEND**

- Inlet Protection
- Ditch Check Protection, Modified
- Protected Resource Fence
- Silt Fence
- Filter Sock
- Directional Flow Arrow
- Pump
- Cofferdam
- Sump Hole

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE
DESIGNED: ZMS		DRAWN: ACB		
CHECKED: BBB		CHECKED: MAR		

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**EROSION CONTROL PLAN**  
**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	47 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179



**LEGEND**

	Inlet Protection		Protected Resource Fence
	Ditch Check Protection, Modified		Silt Fence
	Filter Sock		Directional Flow Arrow
	Pump		Cofferdam
	Sump Hole		

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

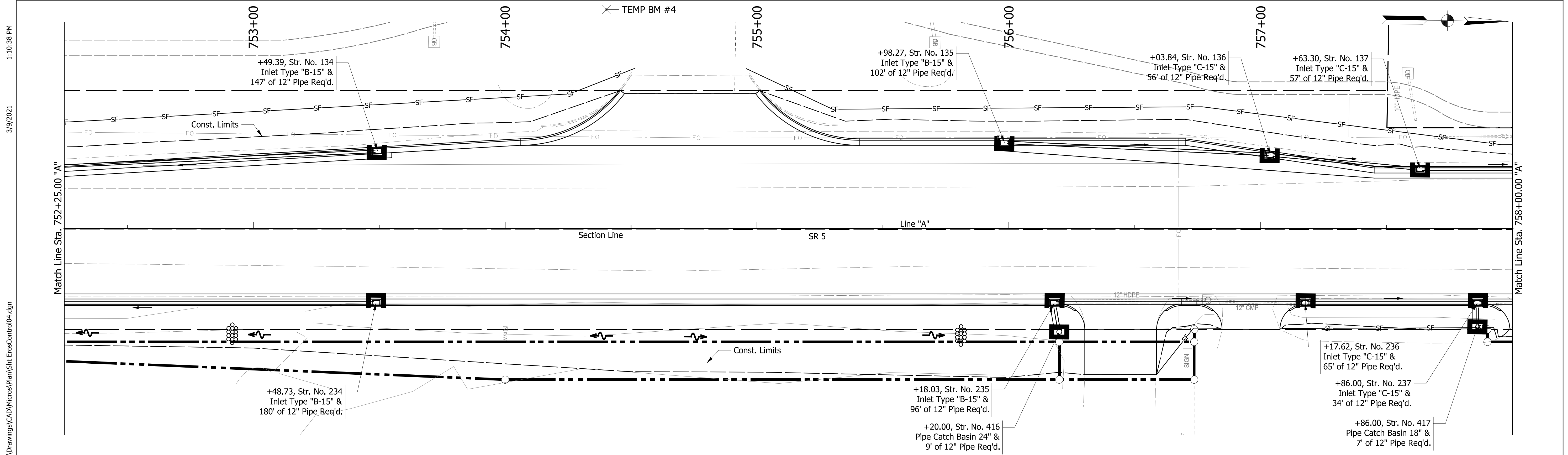
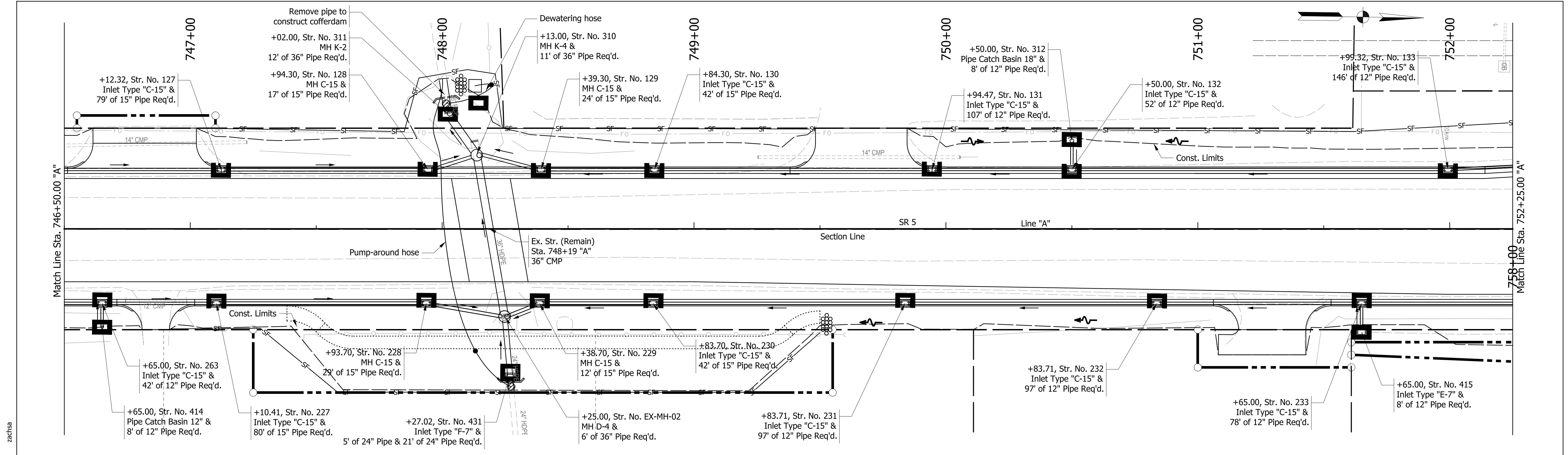
INDIANA  
DEPARTMENT OF TRANSPORTATION

**EROSION CONTROL PLAN  
LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	48 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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LEGEND			
	Protected Resource Fence		Directional Flow Arrow
	Inlet Protection		Cofferdam
	Ditch Check Protection, Modified		Sump Hole
	Silt Fence		Pump
	Filter Sock		

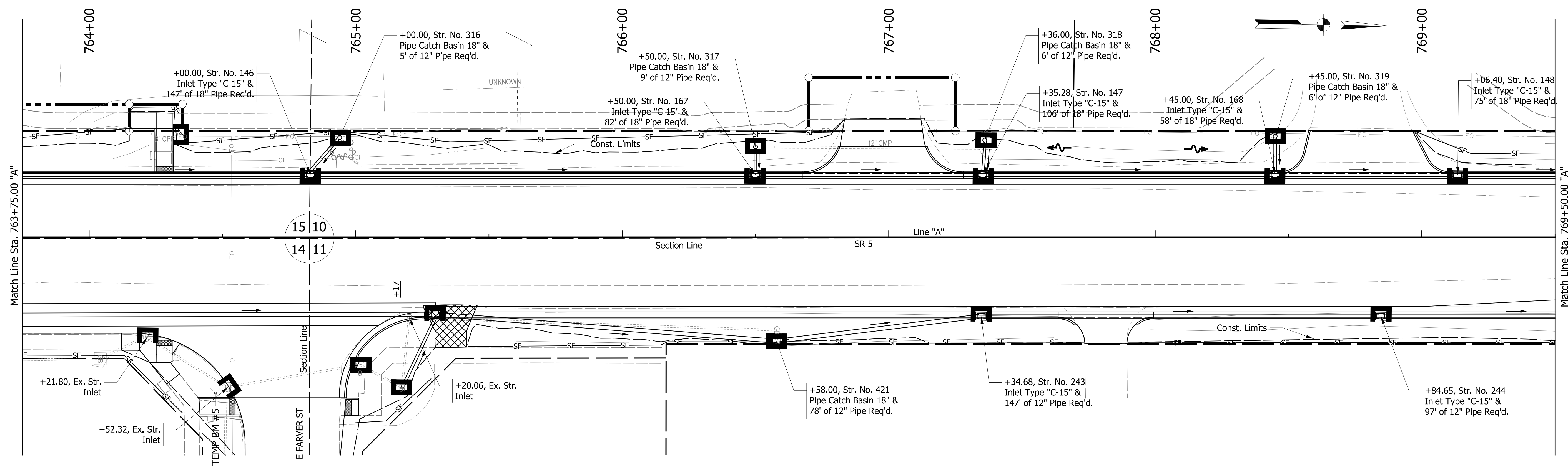
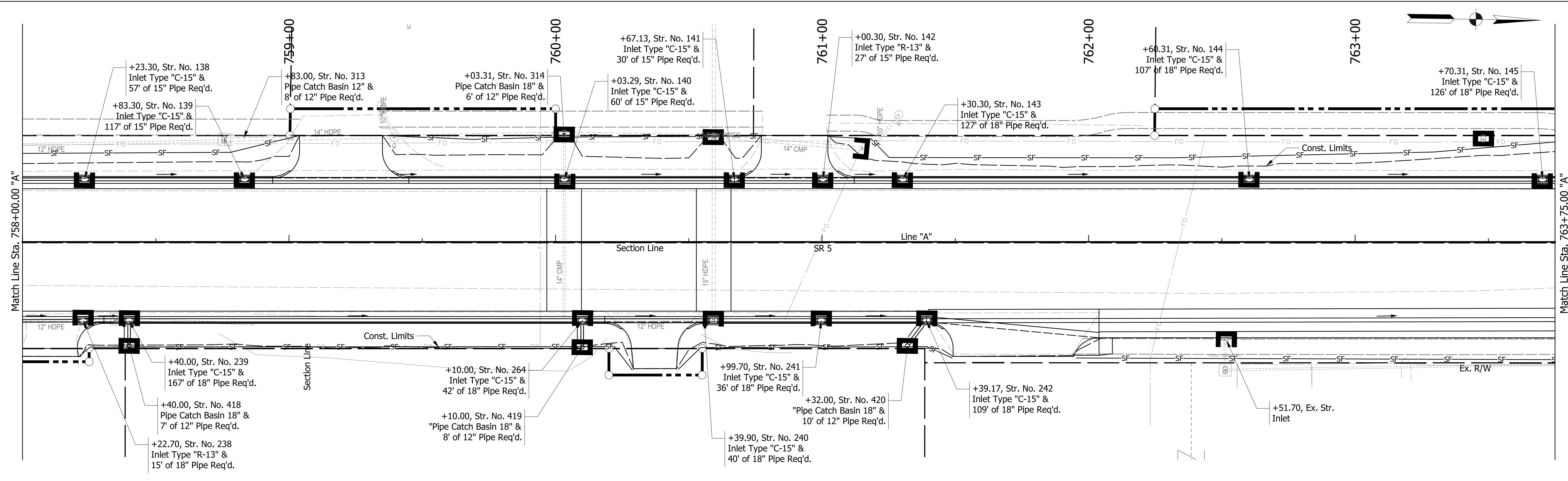
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

INDIANA  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN  
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	49 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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**LEGEND**

	Inlet Protection		Protected Resource Fence
	Ditch Check Protection, Modified		Silt Fence
			Directional Flow Arrow
			Pump
			Cofferdam
			Sump Hole

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

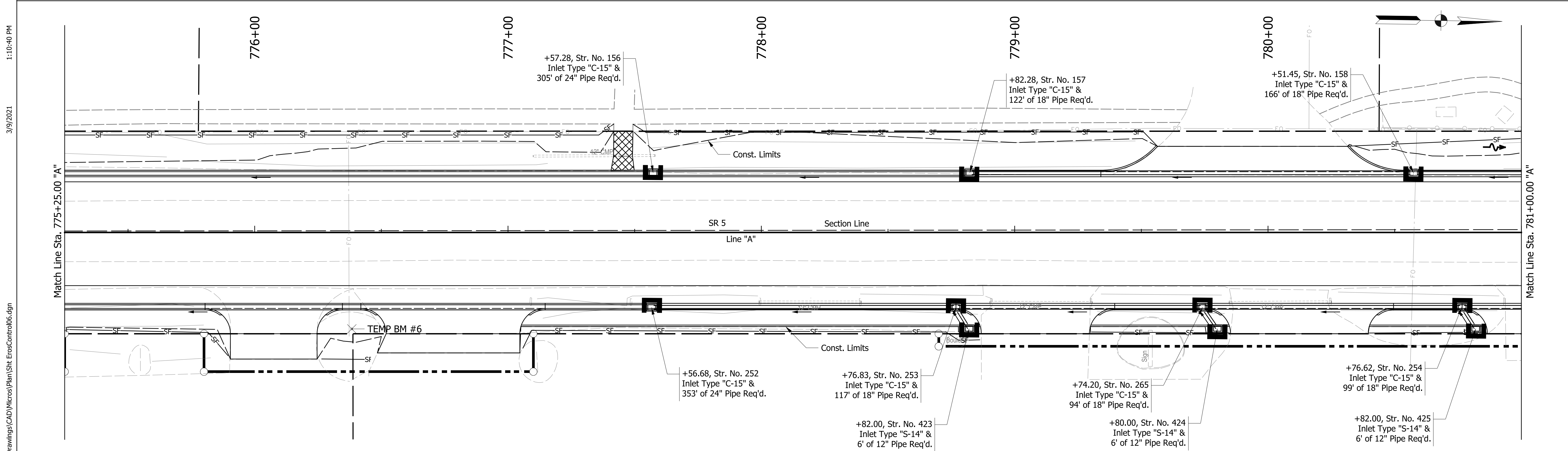
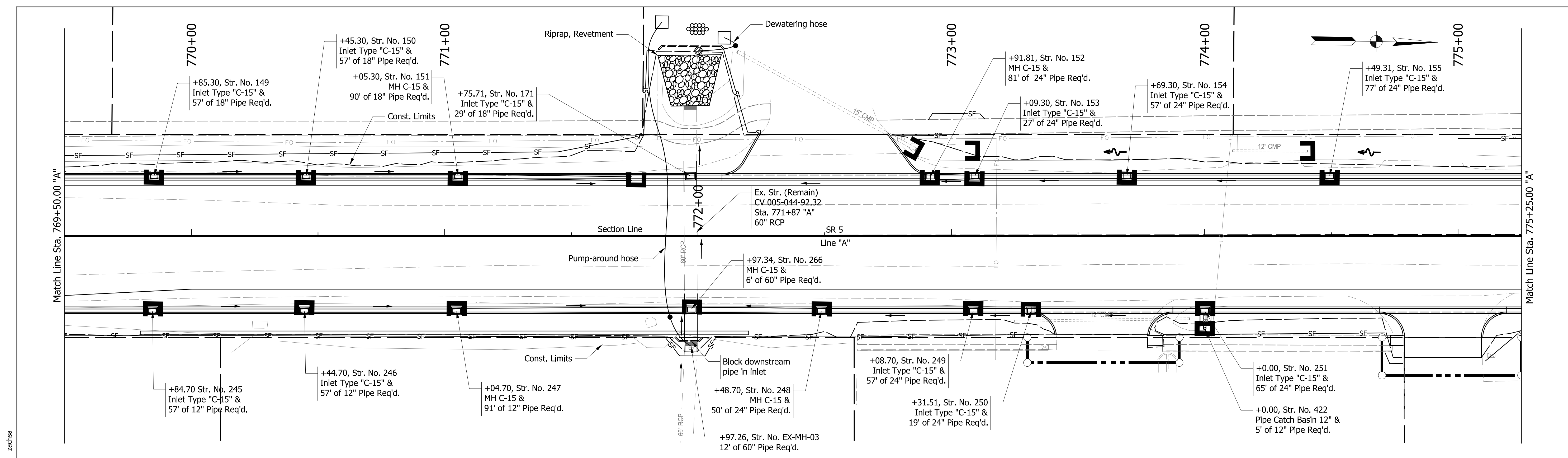
**INDIANA DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	50 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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LEGEND			
	+ -	Protected Resource Fence	
	SF	Silt Fence	
		Filter Sock	
		Pump	
		Sump Hole	

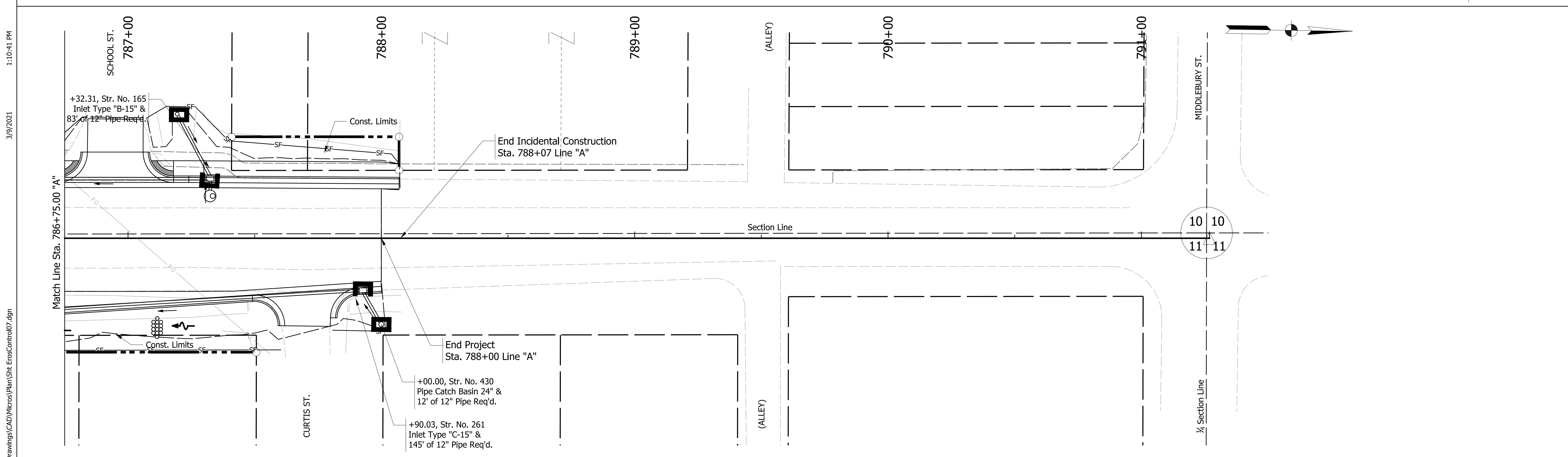
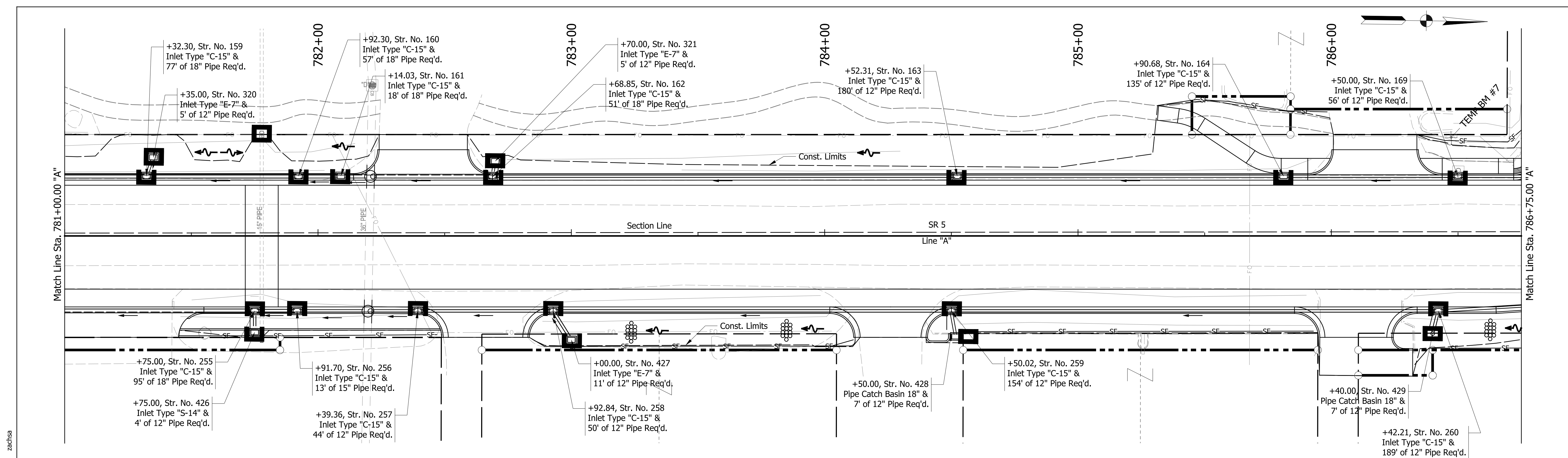
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DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

INDIANA  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN  
LINE "A"

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	51 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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**LEGEND**

	Protected Resource Fence		Directional Flow Arrow
	Inlet Protection		Pump
	Ditch Check Protection, Modified		Cofferdam
	Silt Fence		Sump Hole
	Filter Sock		

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA DEPARTMENT OF TRANSPORTATION**

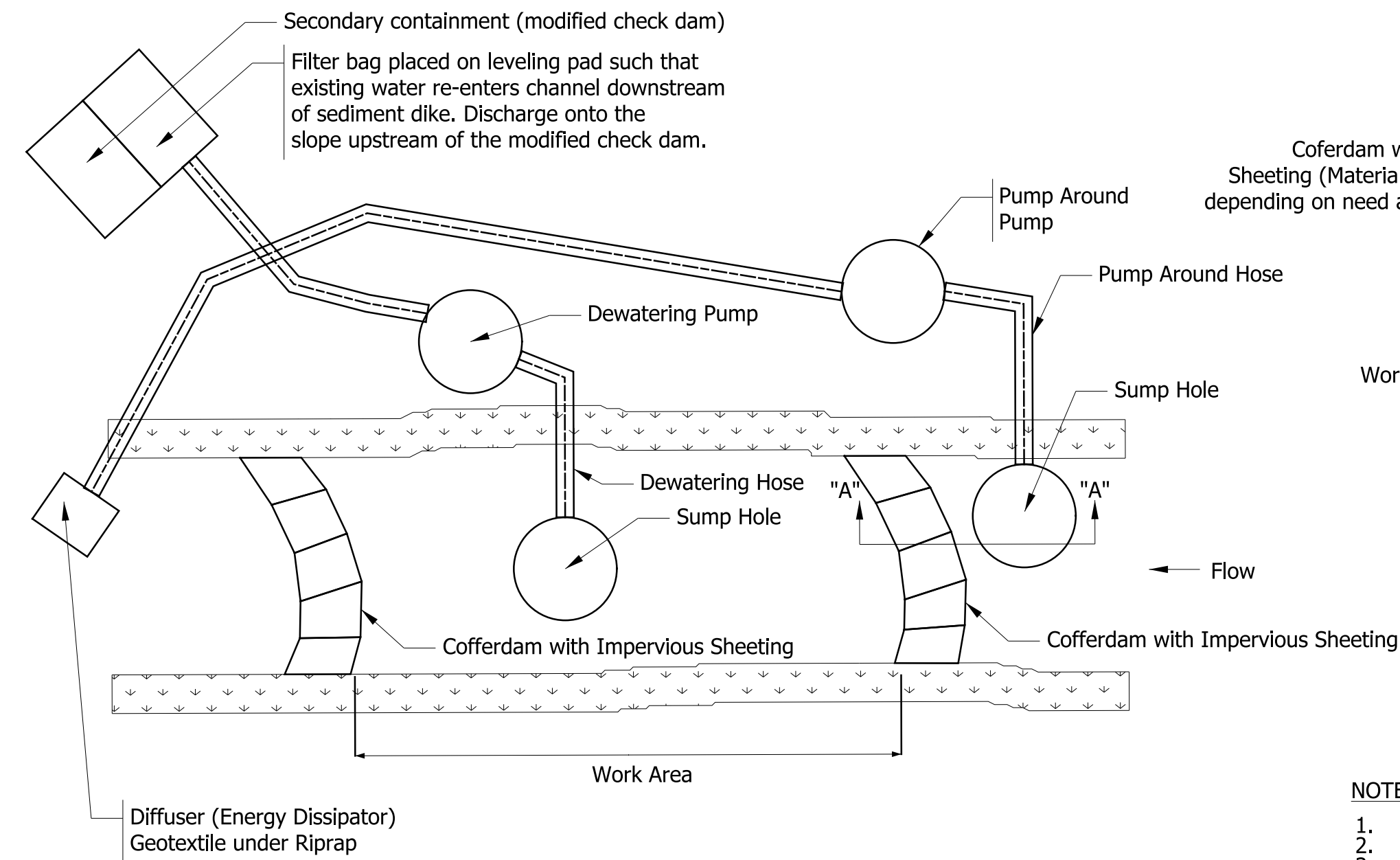
**EROSION CONTROL PLAN**

**LINE "A"**

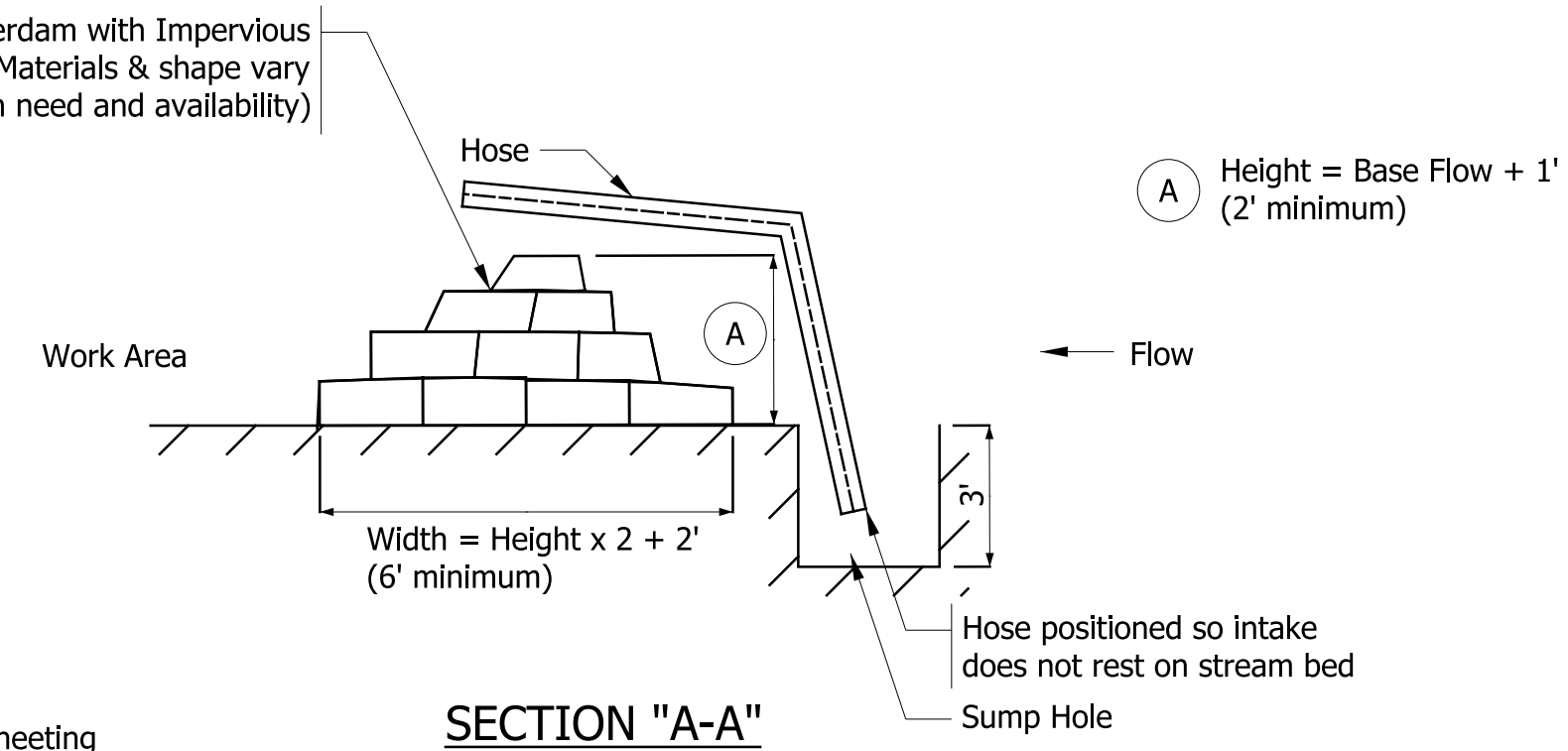
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VERTICAL SCALE	DESIGNATION NO.
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NA	52 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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**PLAN VIEW**



**SECTION "A-A"**

**NOTES**

1. Cofferdam length varies by location and shall block flow of water below top height of cofferdam.
2. Pump around shall be in place for the duration of construction activities in the channel.
3. Contractor shall abide by permit conditions in the jurisdictional waters.
4. Contractor shall minimize R/W clearing and soil disturbance.

**PUMP AROUND DETAIL**

NOT TO SCALE

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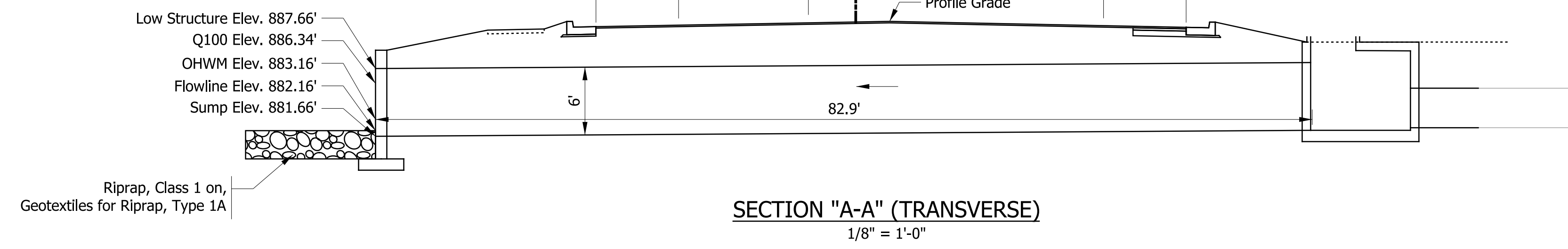
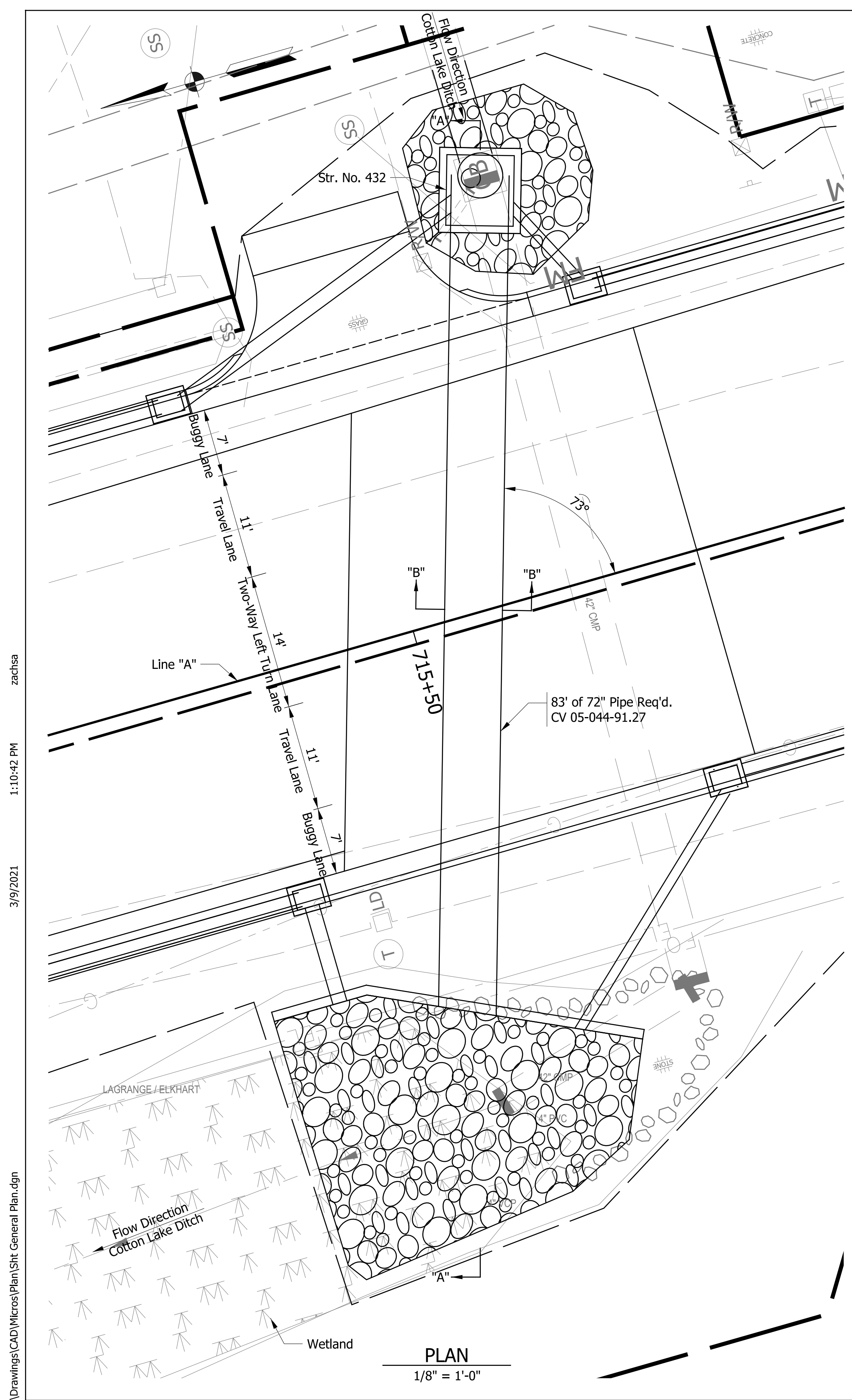
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
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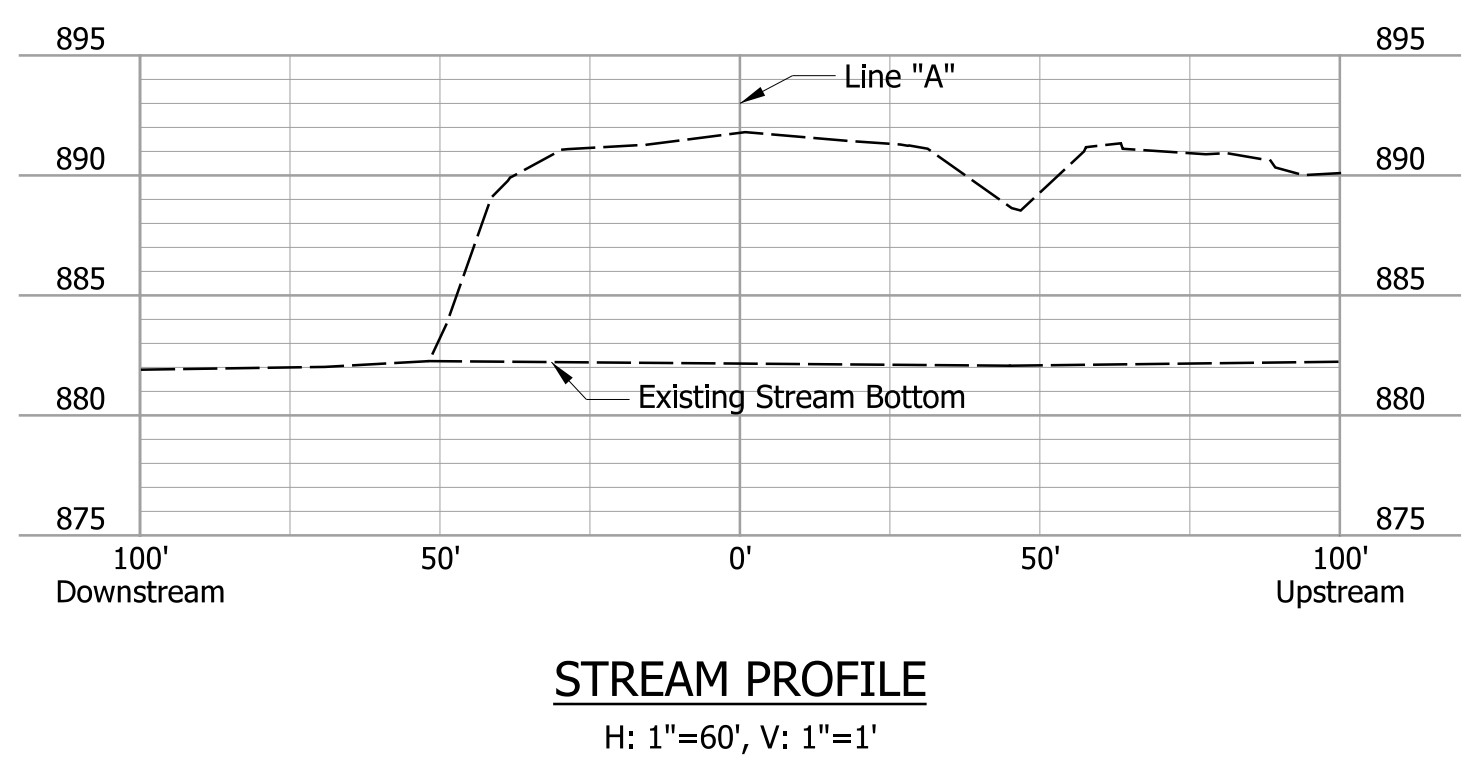
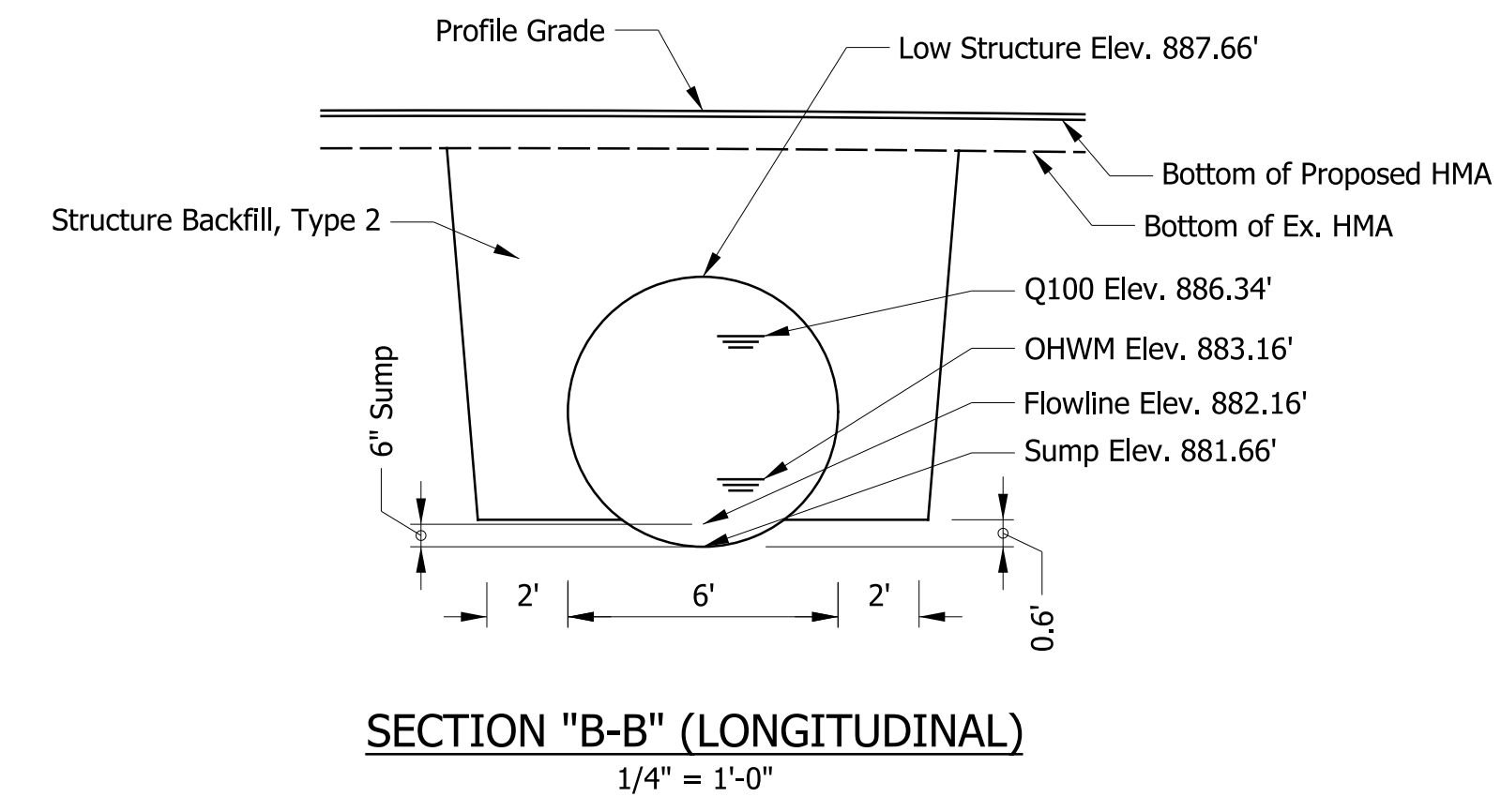
INDIANA DEPARTMENT OF TRANSPORTATION	
EROSION CONTROL DETAILS	

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	53 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179



FOUNDATION DESIGN	
Factored Bearing Resistance	xx psf
Resistance factor ( $\phi$ )	xx
Nominal Bearing Resistance	xx psf
Friction angle between wingwall and soil backfill (Type II) ( $\delta$ )	xx°
Friction factor between footer, foundation soil (f)	xx
Ultimate Cohesion of foundation soil (C)	xx
Ultimate Adhesion of foundation soil (Ca)	xx
Angle of internal friction of foundation soil ( $\phi$ )	xx

DESIGN STRENGTH	
Reinforcing Steel (Grade 60)	$f_y=60,000$ psi
Class A Concrete	$f'_c=3,500$ psi



**GENERAL NOTES**

- Contractor shall verify the existing flowline elevation to set the appropriate sump depth.
- Manufacturer's dimensions for pre-cast structures (except opening size) shall override shown dimension.
- Bottom of footing shall be established a minimum of 4'-0" below the existing flow line.

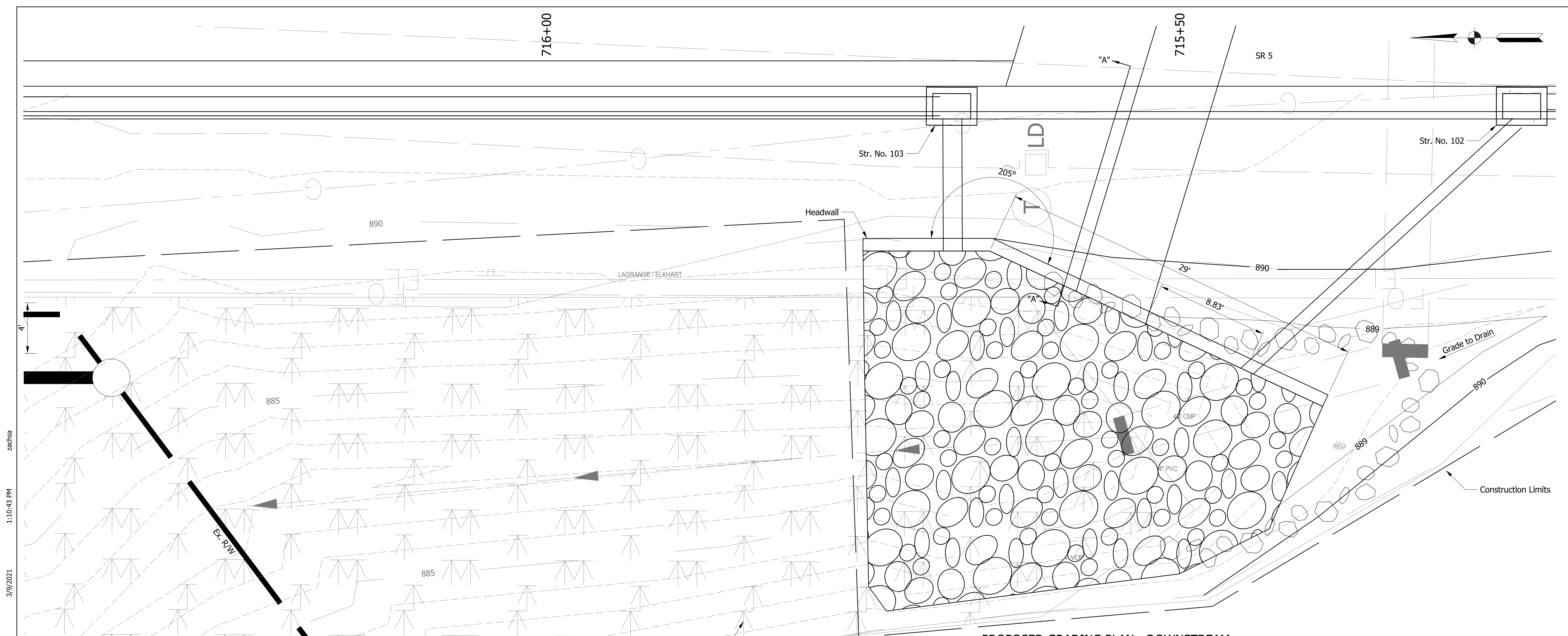
**DESIGN DATA**

- Wingwalls and headwalls shall be designed in accordance with Standard Specification 714 for box culverts or 723 for three-sided structure.
- Live Load: Designed for HL-93 loading, in accordance with the AASHTO LRFD Bridge Design Specifications, Eighth Edition, 2017, and all subsequent interim specifications.

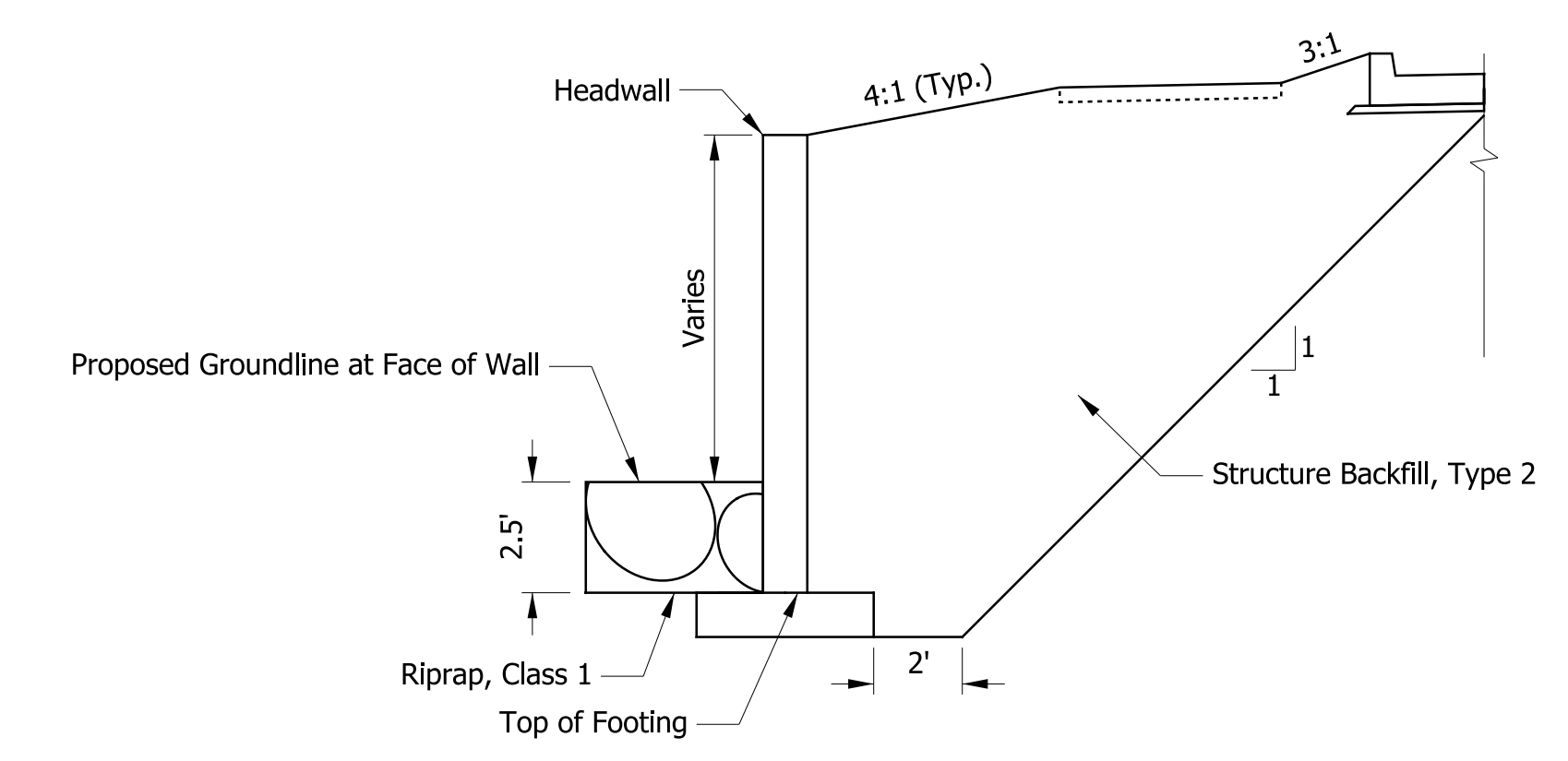
CV 005-044-91.27  
**CIRCULAR SMOOTH CULVERT**  
 SPAN: 6'-0"  
 SUMP: 0'-6", CLEAR HEIGHT: 5'-6"  
 LENGTH: 82'-11", SKEW: 73°  
 SR 5 OVER COTTON LAKE DITCH  
 LAGRANGE COUNTY

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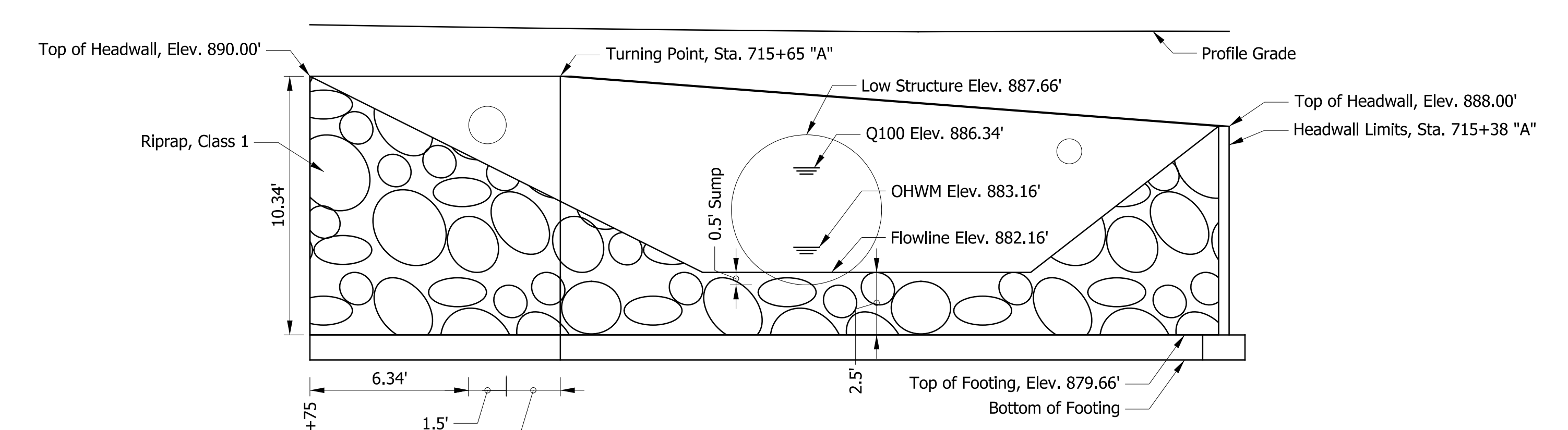
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DESIGNED: ZMS	DRAWN: ACB			AS NOTED	NA
CHECKED: BBB	CHECKED: MAR		GENERAL PLAN STRUCTURE DETAILS	VERTICAL SCALE	DESIGNATION NO.
				AS NOTED	1700179
				SURVEY BOOK NO.	SHEETS
			NA	54 of 139	
			CONTRACT NO.	PROJECT NO.	
			R-40477	1700179	



PROPOSED GRADING PLAN - DOWNSTREAM  
1/4" = 1'-0"



SECTION "A-A"  
1/4" = 1'-0"

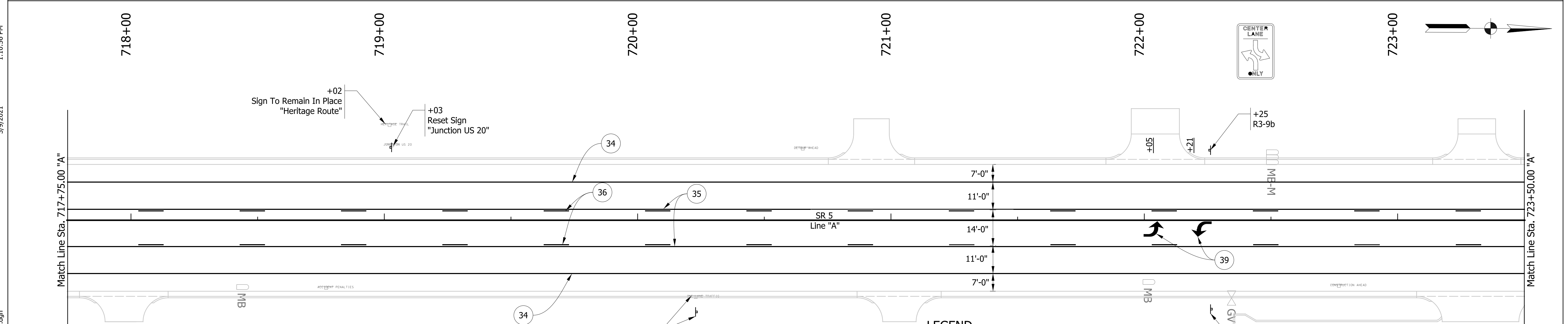
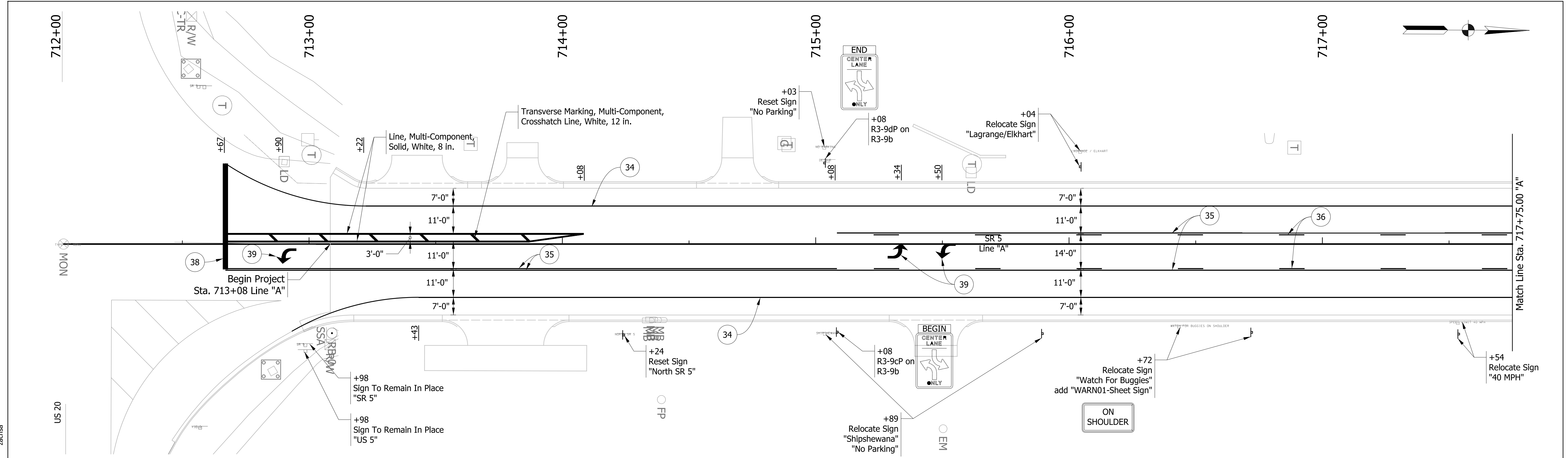


ELEVATION - HEADWALL  
1/4" = 1'-0"

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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER _____ DATE _____		<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>  <b>GENERAL PLAN</b> <b>HEADWALL AND GRADING DETAILS</b>		HORIZONTAL SCALE AS NOTED		BRIDGE FILE NO. NA	
DESIGNED: ZMS		DRAWN: ACB				VERTICAL SCALE AS NOTED		DESIGNATION NO. 1700179	
CHECKED: BBB		CHECKED: MAR		SURVEY BOOK NO. NA		SHEETS 55 of 139		PROJECT NO. 1700179	
				CONTRACT NO. R-40477					

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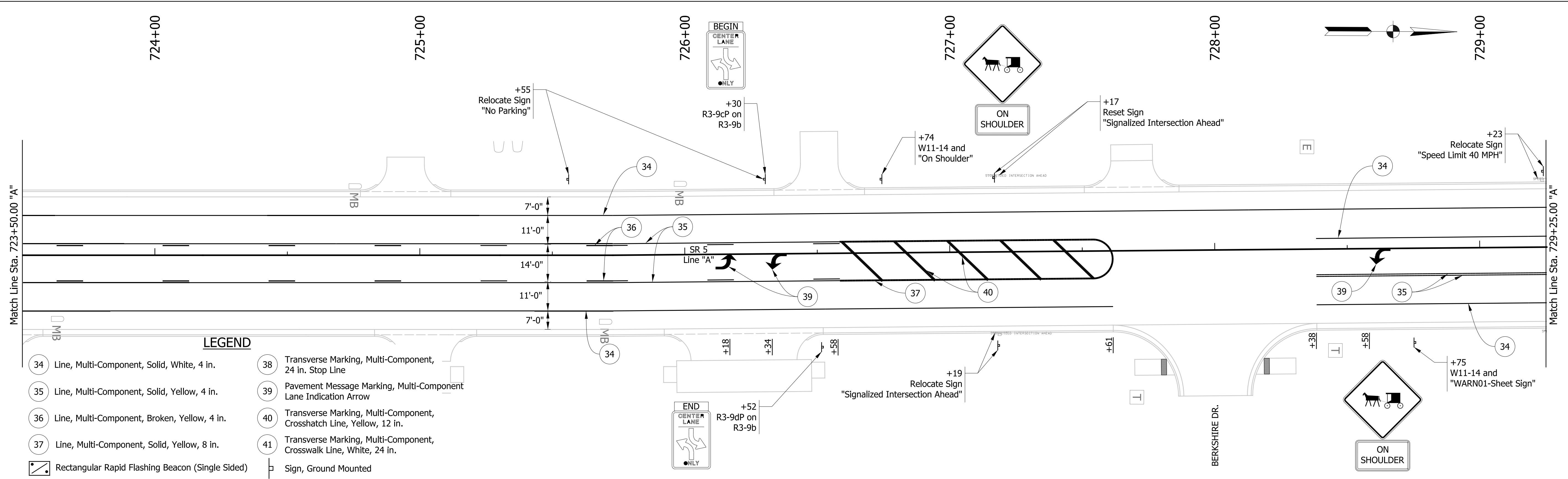


- LEGEND**
- 34 Line, Multi-Component, Solid, White, 4 in.
  - 35 Line, Multi-Component, Solid, Yellow, 4 in.
  - 36 Line, Multi-Component, Broken, Yellow, 4 in.
  - 37 Line, Multi-Component, Solid, Yellow, 8 in.
  - 38 Transverse Marking, Multi-Component, 24 in. Stop Line
  - 39 Pavement Message Marking, Multi-Component Lane Indication Arrow
  - 40 Transverse Marking, Multi-Component, Crosshatch Line, Yellow, 12 in.
  - 41 Transverse Marking, Multi-Component, Crosswalk Line, White, 24 in.
  - Rectangular Rapid Flashing Beacon (Single Sided)
  - Sign, Ground Mounted

	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE 1" = 20' VERTICAL SCALE NA	BRIDGE FILE NO. NA DESIGNATION NO. 1700179
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	<b>PAVEMENT MARKING &amp; SIGNING</b> <b>LINE "A"</b>	SURVEY BOOK NO. NA of 139 SHEETS CONTRACT NO. R-40477 PROJECT NO. 1700179	
DESIGNED: ZMS CHECKED: BBB	DRAWN: ACB CHECKED: MAR		

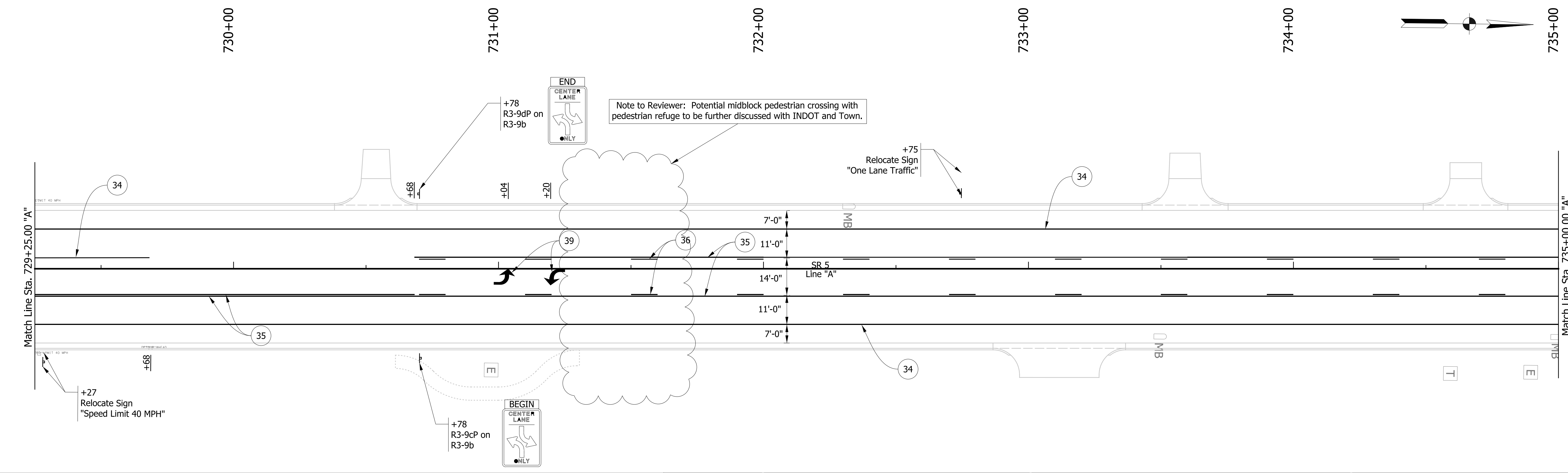


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**LEGEND**

- 34 Line, Multi-Component, Solid, White, 4 in.
- 35 Line, Multi-Component, Solid, Yellow, 4 in.
- 36 Line, Multi-Component, Broken, Yellow, 4 in.
- 37 Line, Multi-Component, Solid, Yellow, 8 in.
- 38 Transverse Marking, Multi-Component, 24 in. Stop Line
- 39 Pavement Message Marking, Multi-Component Lane Indication Arrow
- 40 Transverse Marking, Multi-Component, Crosshatch Line, Yellow, 12 in.
- 41 Transverse Marking, Multi-Component, Crosswalk Line, White, 24 in.
- Rectangular Rapid Flashing Beacon (Single Sided)
- Sign, Ground Mounted



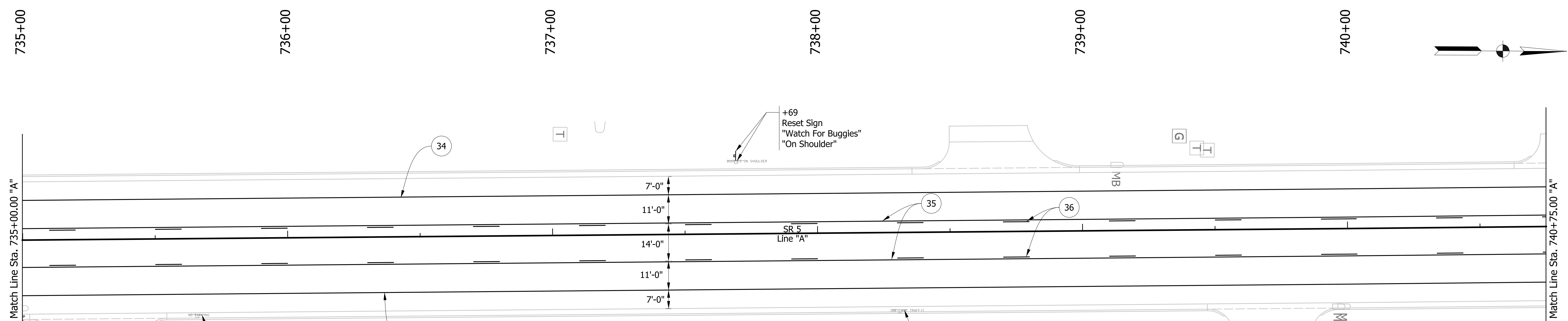
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

INDIANA  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING  
LINE "A"

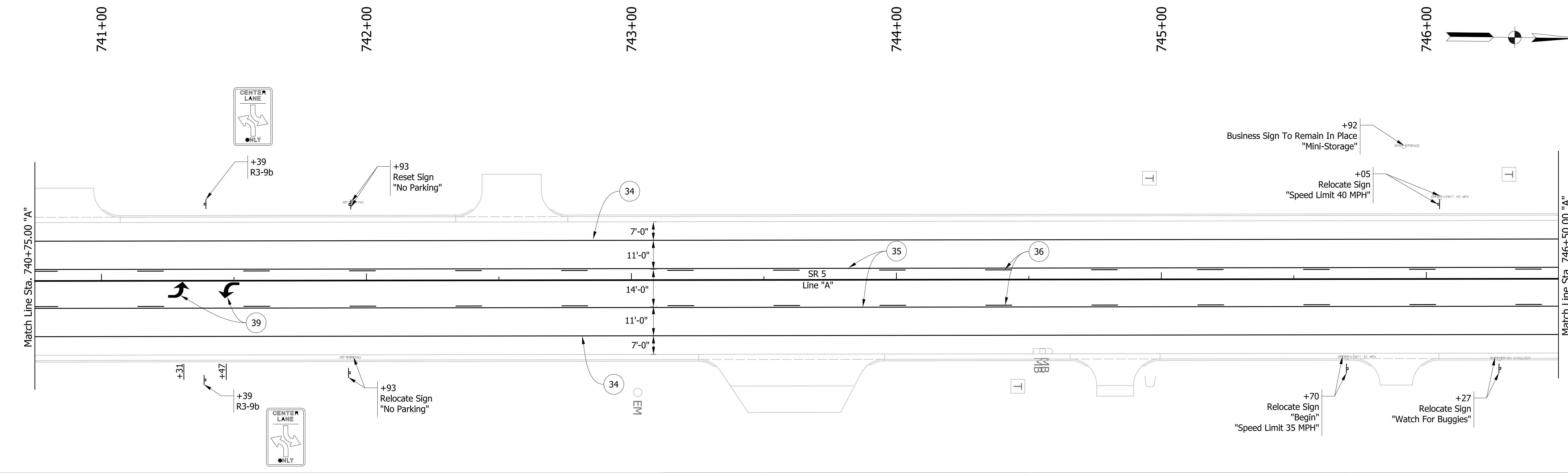
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE NO. NA
VERTICAL SCALE NA	DESIGNATION NO. 1700179
SURVEY BOOK NO. NA	SHEETS 57 of 139
CONTRACT NO. R-40477	PROJECT NO. 1700179

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**LEGEND**

34 Line, Multi-Component, Solid, White, 4 in.	38 Transverse Marking, Multi-Component, 24 in. Stop Line
35 Line, Multi-Component, Solid, Yellow, 4 in.	39 Pavement Message Marking, Multi-Component Lane Indication Arrow
36 Line, Multi-Component, Broken, Yellow, 4 in.	40 Transverse Marking, Multi-Component, Crosshatch Line, Yellow, 12 in.
37 Line, Multi-Component, Solid, Yellow, 8 in.	41 Transverse Marking, Multi-Component, Crosswalk Line, White, 24 in.
Rectangular Rapid Flashing Beacon (Single Sided)	Sign, Ground Mounted



RECOMMENDED FOR APPROVAL _____ DATE _____	
DESIGN ENGINEER	
DESIGNED: ZMS	DRAWN: ACB
CHECKED: BBB	CHECKED: MAR

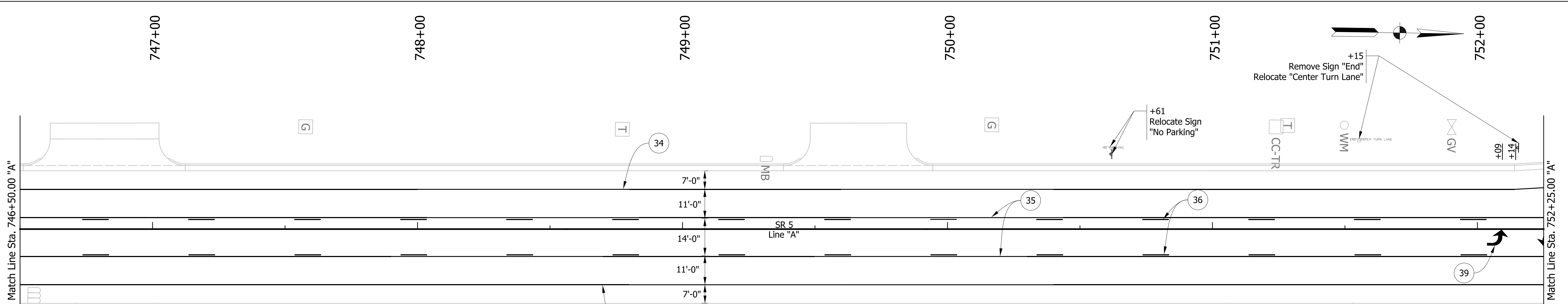
**INDIANA DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING**

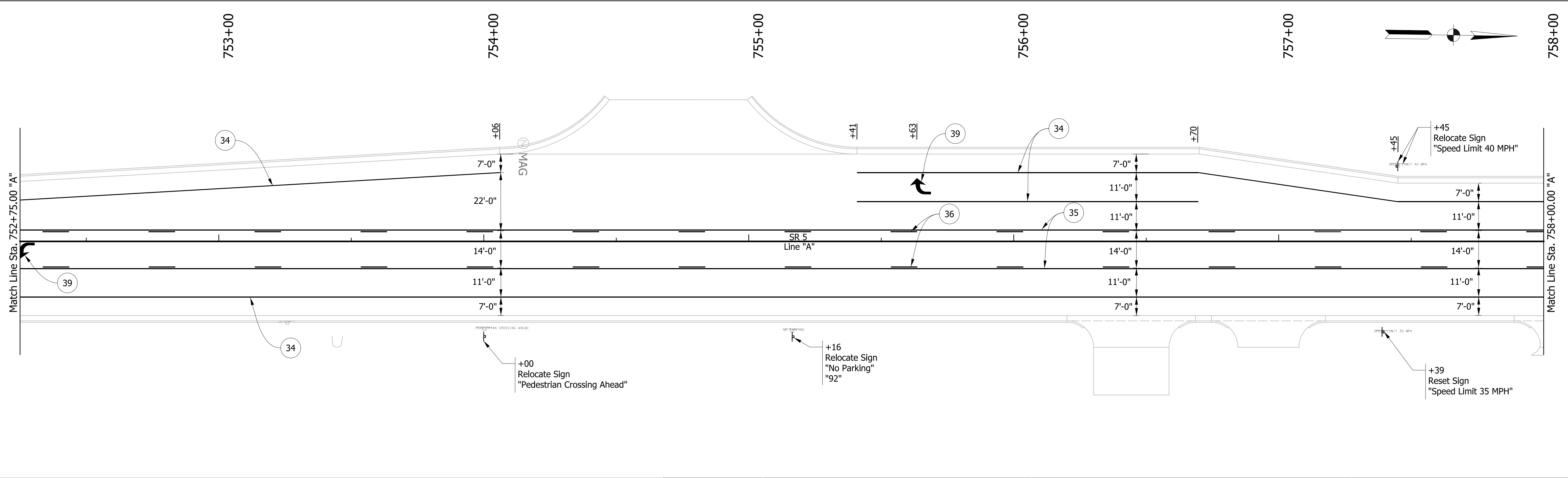
**LINE "A"**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE NO. NA
VERTICAL SCALE NA	DESIGNATION NO. 1700179
SURVEY BOOK NO. NA	SHEETS 58 of 139
CONTRACT NO. R-40477	PROJECT NO. 1700179

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- LEGEND**
- 34 Line, Multi-Component, Solid, White, 4 in.
  - 35 Line, Multi-Component, Solid, Yellow, 4 in.
  - 36 Line, Multi-Component, Broken, Yellow, 4 in.
  - 37 Line, Multi-Component, Solid, Yellow, 8 in.
  - 38 Transverse Marking, Multi-Component, 24 in. Stop Line
  - 39 Pavement Message Marking, Multi-Component Lane Indication Arrow
  - 40 Transverse Marking, Multi-Component, Crosshatch Line, Yellow, 12 in.
  - 41 Transverse Marking, Multi-Component, Crosswalk Line, White, 24 in.
  - Rectangular Rapid Flashing Beacon (Single Sided)
  - Sign, Ground Mounted



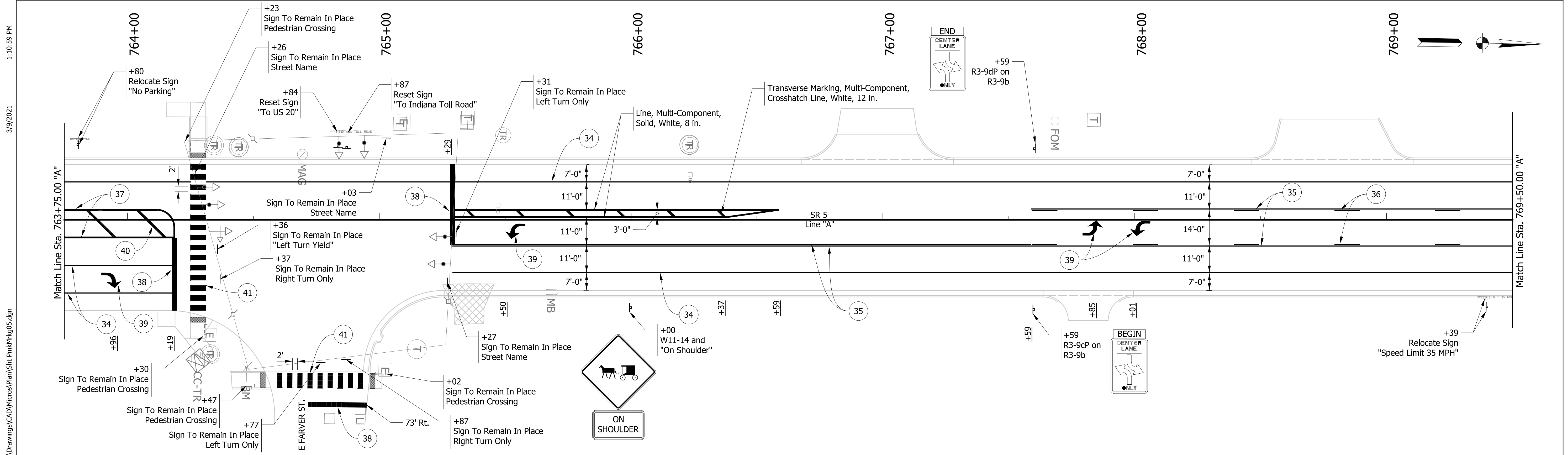
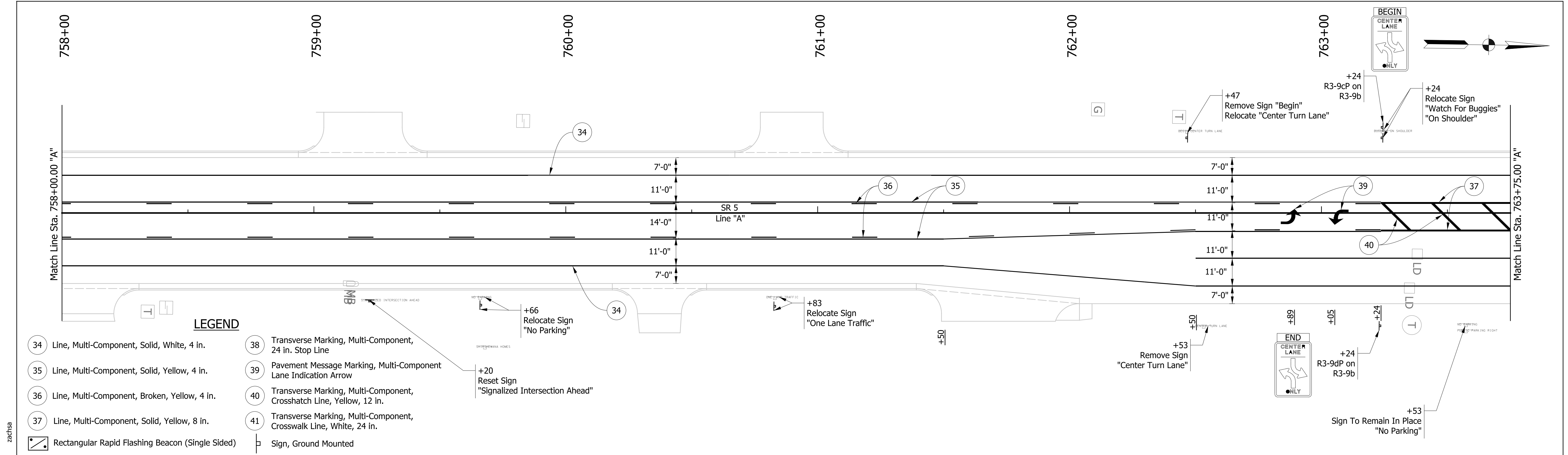
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB		
CHECKED: BBB	CHECKED: MAR		

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING**

**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	59 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179



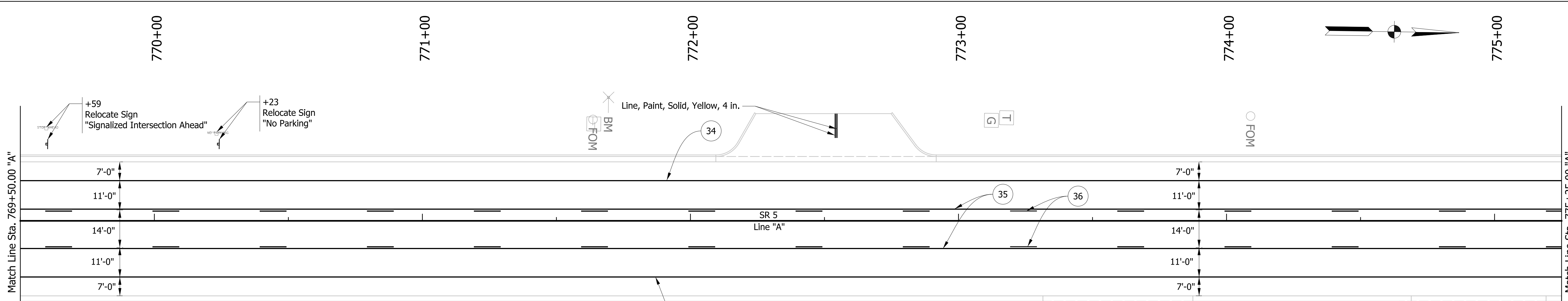
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**PAVEMENT MARKING & SIGNING**  
**LINE "A"**

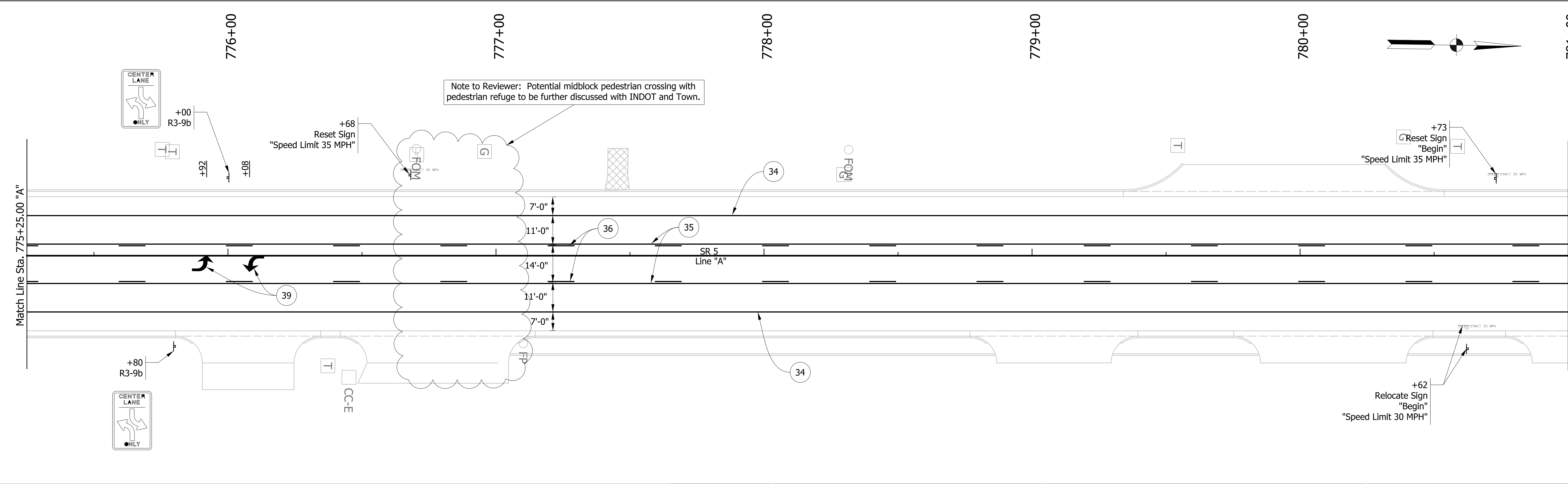
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE NO. NA
VERTICAL SCALE NA	DESIGNATION NO. 1700179
SURVEY BOOK NO. NA	SHEETS 60 of 139
CONTRACT NO. R-40477	PROJECT NO. 1700179





**LEGEND**

- 34 Line, Multi-Component, Solid, White, 4 in.
- 35 Line, Multi-Component, Solid, Yellow, 4 in.
- 36 Line, Multi-Component, Broken, Yellow, 4 in.
- 37 Line, Multi-Component, Solid, Yellow, 8 in.
- 38 Transverse Marking, Multi-Component, 24 in. Stop Line
- 39 Pavement Message Marking, Multi-Component Lane Indication Arrow
- 40 Transverse Marking, Multi-Component, Crosshatch Line, Yellow, 12 in.
- 41 Transverse Marking, Multi-Component, Crosswalk Line, White, 24 in.
- Rectangular Rapid Flashing Beacon (Single Sided)
- Sign, Ground Mounted



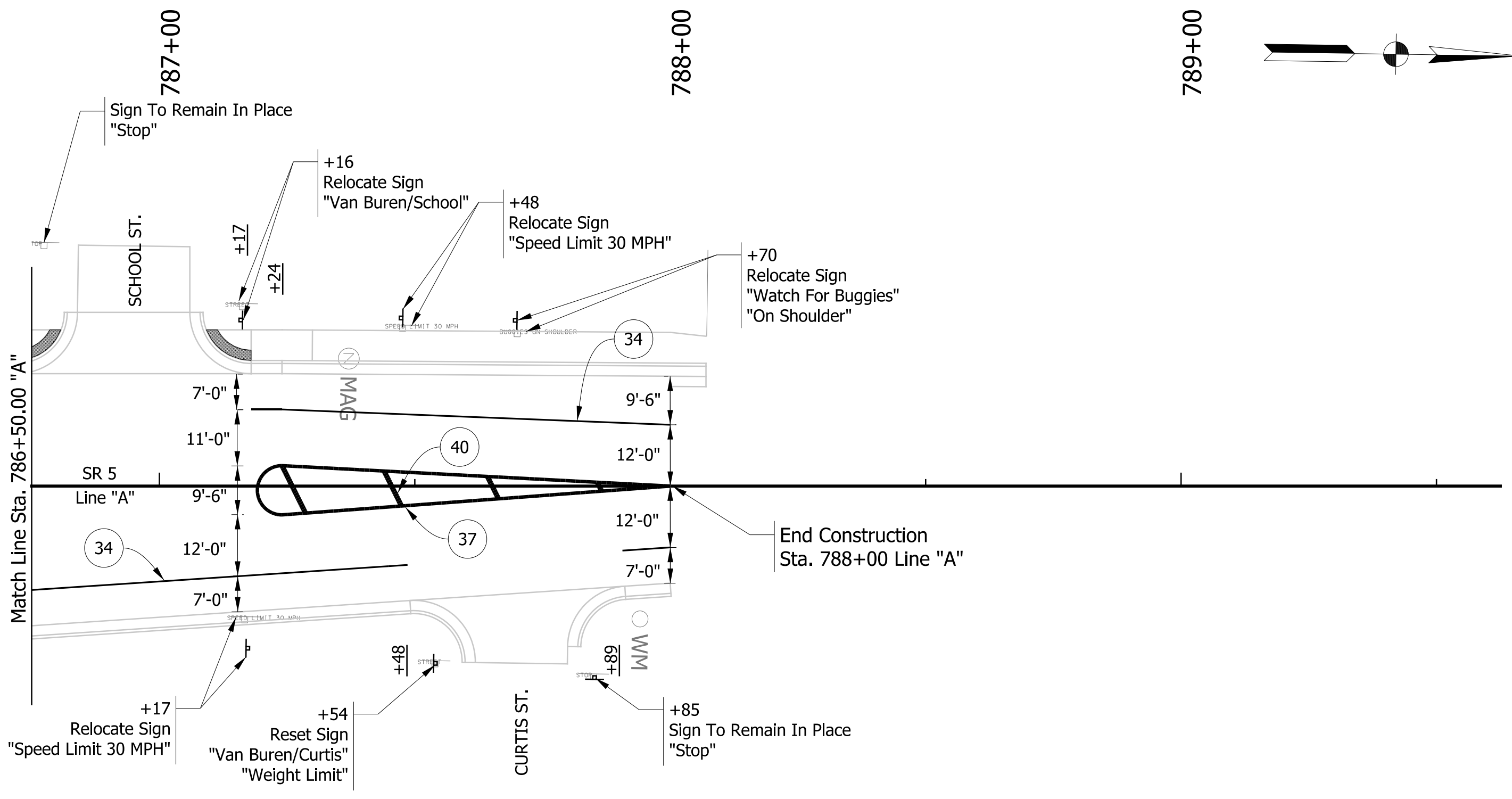
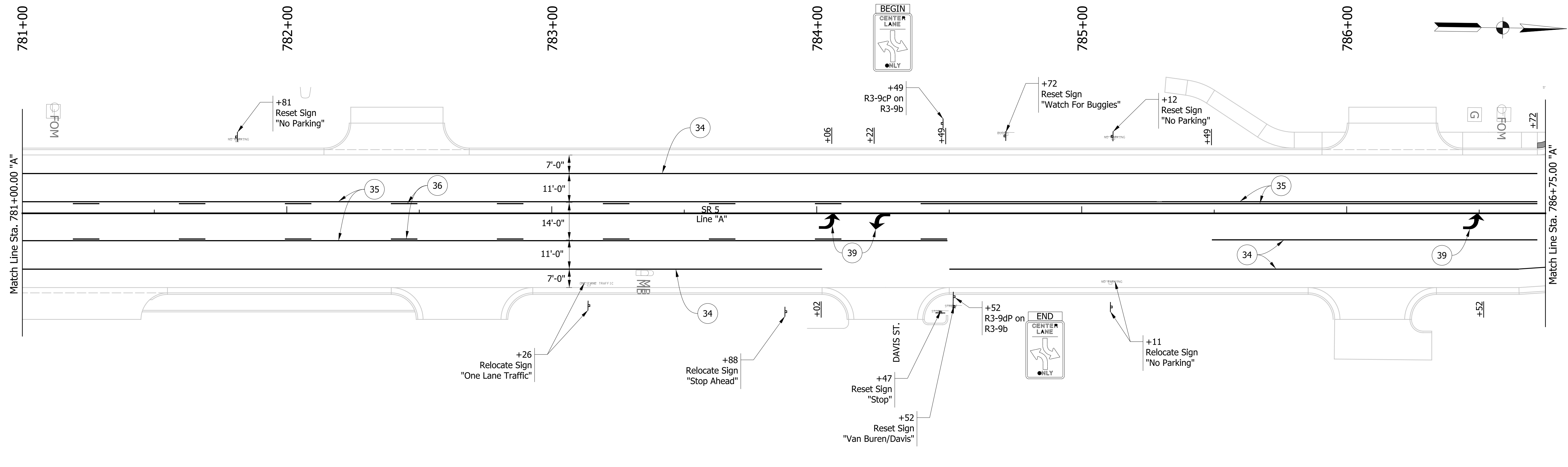
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RECOMMENDED FOR APPROVAL	
DESIGNED: ZMS	DRAWN: ACB
CHECKED: BBB	CHECKED: MAR

**INDIANA DEPARTMENT OF TRANSPORTATION**  
**PAVEMENT MARKING & SIGNING**  
**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	61 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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**LEGEND**

34 Line, Multi-Component, Solid, White, 4 in.	38 Transverse Marking, Multi-Component, 24 in. Stop Line
35 Line, Multi-Component, Solid, Yellow, 4 in.	39 Pavement Message Marking, Multi-Component Lane Indication Arrow
36 Line, Multi-Component, Broken, Yellow, 4 in.	40 Transverse Marking, Multi-Component, Crosshatch Line, Yellow, 12 in.
37 Line, Multi-Component, Solid, Yellow, 8 in.	41 Transverse Marking, Multi-Component, Crosswalk Line, White, 24 in.
Rectangular Rapid Flashing Beacon (Single Sided)	Sign, Ground Mounted

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

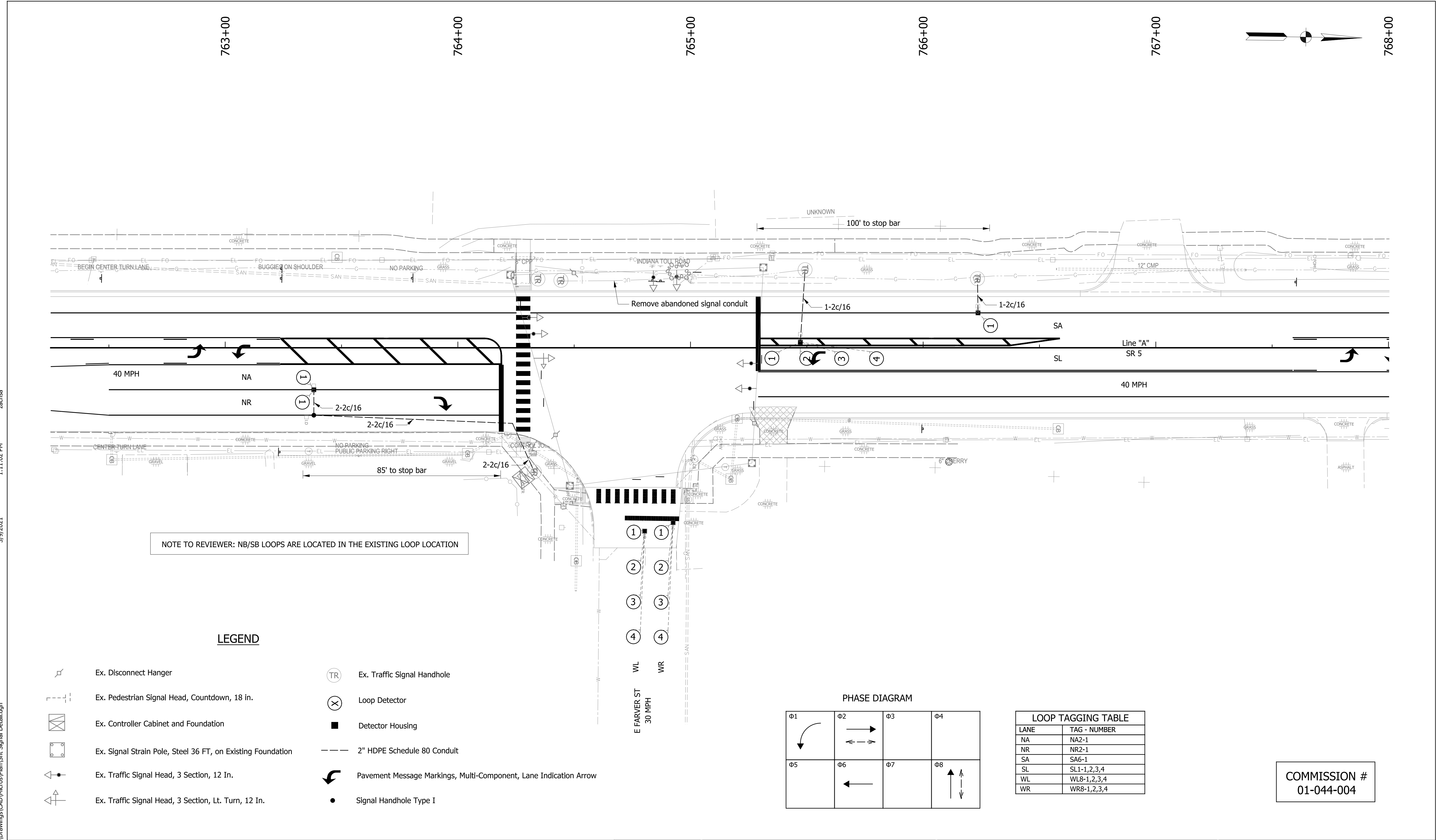
**INDIANA DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING & SIGNING**

**LINE "A"**

HORIZONTAL SCALE	BRIDGE FILE NO.
1" = 20'	NA
VERTICAL SCALE	DESIGNATION NO.
NA	1700179
SURVEY BOOK NO.	SHEETS
NA	62 of 139
CONTRACT NO.	PROJECT NO.
R-40477	1700179

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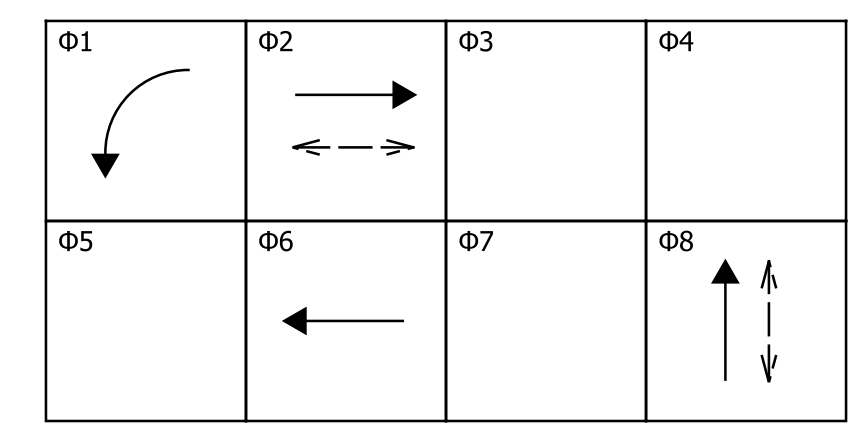


NOTE TO REVIEWER: NB/SB LOOPS ARE LOCATED IN THE EXISTING LOOP LOCATION

**LEGEND**

- Ex. Disconnect Hanger
- Ex. Pedestrian Signal Head, Countdown, 18 in.
- Ex. Controller Cabinet and Foundation
- Ex. Signal Strain Pole, Steel 36 FT, on Existing Foundation
- Ex. Traffic Signal Head, 3 Section, 12 In.
- Ex. Traffic Signal Head, 3 Section, Lt. Turn, 12 In.
- Ex. Traffic Signal Handhole
- Loop Detector
- Detector Housing
- 2" HDPE Schedule 80 Conduit
- Pavement Message Markings, Multi-Component, Lane Indication Arrow
- Signal Handhole Type I

**PHASE DIAGRAM**



LOOP TAGGING TABLE	
LANE	TAG - NUMBER
NA	NA2-1
NR	NR2-1
SA	SA6-1
SL	SL1-1,2,3,4
WL	WL8-1,2,3,4
WR	WR8-1,2,3,4

**COMMISSION #**  
01-044-004

RECOMMENDED FOR APPROVAL _____ DESIGNED: ZMS CHECKED: BBB	DESIGN ENGINEER _____ DATE _____ DRAWN: ACB CHECKED: MAR	INDIANA DEPARTMENT OF TRANSPORTATION <b>SIGNAL DETAIL</b> E FARVER STREET		HORIZONTAL SCALE 1" = 20'	BRIDGE FILE NO. NA
				VERTICAL SCALE NA	DESIGNATION NO. 1700179
		SURVEY BOOK NO. NA		SHEETS 63 of 139	
		CONTRACT NO. R-40477		PROJECT NO. 1700179	







SHEET SIGN AND POST SUMMARY															
LINE	STATION	LT/ MED/ RT	SIGN	SIGN			WITH LEGEND METAL THICKNESS AND AREA (SF)			POST			Comments		
				REMOVE	RESET	RELOCATE	WIDTH	HEIGHT	0.080"	0.100"	0.125"	SQUARE UNREINFORCED ANCHOR 2 1/4" - 12 GA. (TYPE 1)			
				EACH	EACH	EACH						POST LENGTH (FT.)			
									1	2	TOTAL				
Line "A"	714+24	RT	North SR 5		1										
	715+03	LT	No Parking		1										
	715+08	LT	R3-9b			24	36	6.00				11.0	11.0		
	715+08	LT	R3-9dP			30	12	2.50						On Same Post as above	
	715+08	RT	R3-9b			24	36	6.00				11.0	11.0		
	715+08	RT	R3-9cP			30	12	2.50						On Same Post as above	
	715+89	RT	Shipshewana with No Parking												
	716+04	LT	Lagrange/Elkhart		1										
	716+72	RT	Watch for Buggies												
	716+72	RT	On Shoulder (WARN01 Sheet Sign)			24	18	3.00						Add to Buggy Sign	
	717+54	RT	Speed Limit 40 MPH												
	719+03	LT	Junction US 20												
	720+24	RT	One Lane Traffic												
	722+25	RT	R3-9b			24	36	6.00				11.0	11.0		
	722+25	LT	R3-9b			24	36	6.00				11.0	11.0		
	725+55	LT	No Parking												
	726+30	LT	R3-9b			24	36	6.00				11.0	11.0		
	726+30	LT	R3-9cP			30	12	2.50						On Same Post as above	
	726+52	RT	R3-9b			24	36	6.00				11.0	11.0		
	726+52	RT	R3-9dP			30	12	2.50						On Same Post as above	
	726+74	LT	W11-14			36	36		9.00			11.0	11.0		
	726+74	LT	On Shoulder (WARN01 Sheet Sign)			24	18	3.00						On Same Post as Above	
	727+19	LT	Signalized Intersection Ahead												
	727+19	RT	Signalized Intersection Ahead												
	728+75	RT	W11-14			36	36		9.00			11.0	11.0		
	728+75	RT	On Shoulder			24	18	3.00						On Same Post as Above	
	729+23	LT	Speed Limit 40 MPH												
	729+27	RT	Speed Limit 40 MPH												
	730+78	RT	R3-9b			24	36	6.00				11.0	11.0		
	730+78	RT	R3-9cP			30	12	2.50						On Same Post as above	
	730+78	LT	R3-9b			24	36	6.00				11.0	11.0		
	730+78	LT	R3-9dP			30	12	2.50						On Same Post as above	
	732+75	LT	One Lane Traffic												
	735+66	RT	No Parking												
	737+69	LT	Watch for Buggies												
	738+30	RT	One Lane Traffic												
	741+39	RT	R3-9b			24	36	6.00				11.0	11.0		
	741+39	LT	R3-9b			24	36	6.00				11.0	11.0		
	741+93	LT	No Parking												
	741+93	RT	No Parking												
	745+70	RT	Speed Limit 35 MPH												
	746+05	LT	Speed Limit 40 MPH												
	746+27	RT	Watch for Buggies												
	750+61	LT	No Parking												
	750+61	RT	No Parking												
	752+07	RT	Begin Center Turn Lane		1										
	752+15	LT	Remove "End" Relocate Center Turn Lane		1										
	752+17	RT	R3-9b			24	36	6.00				11.0	11.0		
	754+00	RT	Pedestrian Crossing Ahead												
	755+16	RT	No Parking												
	757+39	RT	Speed Limit 35 MPH		1										
	757+45	LT	Speed Limit 40 MPH												
	759+20	RT	Signalized Intersection Ahead												
	759+66	RT	No Parking												
	760+83	RT	One Lane Traffic												
	762+47	LT	Remove "Begin" Relocate Center Turn Lane		1										
	762+53	RT	Center Turn Lane		1										
	763+24	LT	R3-9b			24	36	6.00				11.0	11.0		
	763+24	LT	R3-9cP			30	12	2.50						On Same Post as above	
	763+24	RT	R3-9b			24	36	6.00				11.0	11.0		
	763+24	RT	R3-9dP			30	12	2.50						On Same Post as above	
	763+24	LT	Watch for Buggies												
	763+80	LT	No Parking												
	764+84	LT	To US 20		1										
	764+87	LT	To Indiana Toll Road		1										
	766+00	RT	W11-14			36	36		9.00			11.0	11.0		
	766+00	RT	On Shoulder (WARN01 Sheet Sign)			24	18	3.00						On Same Post as Above	
	767+59	RT	R3-9b			24	36	6.00				11.0	11.0		
	767+59	RT	R3-9cP			30	12	2.50						On Same Post as above	
	767+59	LT	R3-9b			24	36	6.00				11.0	11.0		
	767+59	LT	R3-9dP			30	12	2.50						On Same Post as above	
	769+39	RT	Speed Limit 35 MPH												
	769+59	LT	Signalized Intersection Ahead												
	770+23	LT	No Parking												
	773+14	RT	One Lane Traffic												
	775+67	RT	R3-9b			24	36	6.00				11.0	11.0		
	775+67	LT	R3-9b			24	36	6.00				11.0	11.0		
	776+68	LT	Speed Limit 35 MPH												
	780+62	RT	Speed Limit 30 MPH												
	780+73	LT	Speed Limit 35 MPH												
	781+81	LT	No Parking												
	783+26	RT	One Lane Traffic												
	783+88	RT	Stop Ahead												
	784+47	RT	Stop		1										
	784+49	LT	R3-9b			24	36	6.00				11.0	11.0		
	784+49	LT	R3-9cP			30	12	2.50						On Same Post as above	
	784+52	RT	Street Sign (Van Buren/Davis)												
	784+52	RT	R3-9b			24	36	6.00				11.0	11.0		
	784+52	RT	R3-9dP			30	12	2.50						On Same Post as above	
	784+72	LT	Watch for Buggies												

SHEET SIGN AND POST SUMMARY															
LINE	STATION	LT/ MED/ RT	SIGN	SIGN			WITH LEGEND METAL THICKNESS AND AREA (SF)			POST			Comments		
				REMOVE	RESET	RELOCATE	WIDTH	HEIGHT	0.080"	0.100"	0.125"	SQUARE UNREINFORCED ANCHOR 2 1/4" - 12 GA. (TYPE 1)			
				EACH	EACH	EACH						POST LENGTH (FT.)			
									1	2	TOTAL				
	785+11	RT	No Parking												
	785+12	LT	No Parking												
	787+16	LT	Street Sign (Van Buren/School)												
	787+17	RT	Speed Limit 30 MPH												
	787+48	LT	Speed Limit 30 MPH												
	787+54	RT	Street Sign (Van Buren/Curtis)						1						
	787+70	LT	Watch for Buggies												
	787+85	RT	Stop						1						
	PAY TOTAL					4.00		12.00	46.00			156.00	27.00	0.00	242.00

MAILBOX SUMMARY TABLE			
STATION	LT/RT	MAILBOX ASSEMBLY, RESET SINGLE	MAILBOX ASSEMBLY, RESET DOUBLE
Line "A"			
714+33	RT	1	
714+34	RT	1	
714+36	RT	1	
714+38	RT	1	
718+43	RT	1	
722+01	RT	1	
722+50	LT		1
724+75	LT	1	
725+69	RT	1	
725+98	LT	1	
727+34	LT	1	
730+21	LT	1	
732+32	LT	1	
733+49	RT	1	
734+99	RT	1	
739+12	LT	1	
739+96	RT	1	
739+98	RT	1	
744+53	RT	1	
744+56	RT	1	
746+54	RT		1
746+54	RT	1	
749+31	LT	1	
751+03	RT	1	
759+13	RT	1	
759+14	RT	1	
761+59	LT	1	
761+63	LT	1	
765+68	RT	1	
775+69	RT	1	
783+33	RT	1	
783+35	RT	1	
785+13	RT	1	
786+55	RT	1	
TOTAL		32	2

PAVEMENT MARKINGS TABLE																		
Start Station	End Station	Main Lines			Line, Multi-Component,									Grooving for Pavement Markings				
		SB	Centerline		NB		Solid, Yellow, 4 in				Broken, Yellow, 4 in		Solid, White, 8 in		Solid, White, 8 in			
		Edge Line	Lane Lines		Lane Lines	Edge Line												
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
713+08 "A"	714+08 "A"	Yes	LT Turn	No Passing Both		Yes	200	0	300	0	0	0	0	0	0	0	0	500
714+08 "A"	715+08 "A"	Yes		No Passing Both		Yes	200	0	200	0	0	0	0	0	0	0	0	400
715+08 "A"	726+52 "A"	Yes		TWLT		Yes	2288	572	2288	0	0	0	0	0	0	0	0	5148
726+52 "A"	727+52 "A"	Yes		Gore Area		Yes	0	0	200	0	0	0	200	0	0	0	0	400
727+52 "A"	728+48 "A"	Yes				No	0	0	96	0	0	0	0	0	0	0	0	96
728+48 "A"	729+78 "A"	Yes	LT Turn	No Passing Both		Yes	260	0	390	0	0	0	0	0	0	0	0	650
729+78 "A"	730+78 "A"	Yes		No Passing Both		Yes	200	0	200	0	0	0	0	0	0	0	0	400
730+78 "A"	754+14 "A"	Yes		TWLT		Yes	4672	1168	4672	0	0	0	0	0</				

MONUMENT AND R/W MARKER TABLE						
STATION	OFFSET	RIGHT-OF-WAY MARKER	MONUMENT			REMARKS
			TYPE A	RE-ESTABLISH	EACH	
		EACH	EACH	EACH		
LINE "A"						
713+08.40	CL		1			POB
713+08.00	40' RT	1				
715+15.27	40' RT	1				
715+15.45	61.60' RT	1				
715+57.81	61.43' RT	1				
715+57.62	40' RT	1				
712+97.50	40' LT	1				
715+27.20	40' LT	1				
715+43.78	88.81' LT	1				
715+74.06	87.83' LT	1				
715+81.21	87.20' LT	1				
715+92.19	90.78' LT	1				
716+15.72	88.02' LT	1				
716+23.35	88.71' LT	1				
716+40.29	40' LT	1				
725+72.90	40' LT	1				
725+72.90	40' RT	1				
730+55.00	40' RT	1				
730+75.00	52' RT	1				
731+05.00	52' RT	1				
731+30.00	40' RT	1				
739+49.00	40' LT	1				
741+30.00	40' RT	1				
747+25.00	40' RT	1				
747+25.00	65' RT	1				
749+55.00	65' RT	1				
749+55.00	65' RT	1				
751+60.95	45' RT	1				
749+00.00	40' LT	1				
751+61.52	40' LT	1				
751+61.73	54.75' LT	1				
756+20.00	45' RT	1				
756+73.54	45' RT	1				
756+73.57	40' RT	1				
757+50.32	54.67' LT	1				
757+50.08	40' LT	1				
761+38.54	40' RT	1				
761+38.54	45.38' RT	1				
764+13.12	45.42' RT	1				
764+42.57	75.86' RT	1				
765+02.57	80.41' RT	1				
765+37.61	45.38' RT	1				
766+16.47	45.30' RT	1				
766+16.47	40' RT	1				
766+00.00	40' LT	1				
775+50.00	40' LT	1				
775+50.00	40' RT	1				
782+48.67	40' RT	1				
782+64.67	38.72' RT	1				
782+64.66	45' RT	1				
784+04.66	45' RT	1				
784+04.67	38.59' RT	1				
784+54.67	38.54' RT	1				
785+94.67	38.41' RT	1				
786+10.67	38.39' RT	1				
786+10.66	45' RT	1				
785+00.00	40' LT	1				
787+50.66	45' RT	1				
788+00.67	38.21' RT	1				
787+35.90	40' LT	1				
788+20.90	40' LT	1				
725+72.90	CL		1			PI
738+39.11				1		SECTION CORNER
740+00.00	CL		1			PI
764+82.65				1		SECTION CORNER
788+00.00	CL		1			POE
TOTAL		60	4	2		

CURB RAMP SUMMARY TABLE						
STATION	SIDE STREET NAME	QUADRANT	RAMP DESIGNATION	CURB RAMP, CONCRETE SYS	DETECTABLE WARNING SURFACES SYS	SIDEWALK, CONCRETE SYS
764+30	FARVER ST	SE	A	12.5	1.3	4.8
764+30	FARVER ST	SW		12.3	1.3	6.6
764+56	FARVER ST	SE	B	9.7	1.3	
764+96	FARVER ST	NE		3.4	1.3	
786+76	SCHOOL ST	SW		11.1	3.0	
787+12	SCHOOL ST	NW		12.4	2.9	
TOTAL				62	12	11.4

RAISED PAVEMENT MARKINGS									
STATION	STATION	OFFSET	LT/RT	SPACING	# MARKINGS	ONE-WAY/TWO-WAY	COLOR	TOTAL	
								FT	FT
LINE "A"									
713+08	714+08	7	LT	40	1	ONE-WAY	WHITE		3
713+08	715+08	7	RT	40	1	TWO-WAY	YELLOW		5
715+08	727+44	7	LT/RT	40	2	TWO-WAY	YELLOW		62
728+48	729+78	7	LT	40	1	ONE-WAY	WHITE		4
728+48	730+78	7	RT	40	1	TWO-WAY	YELLOW		6
730+78	761+50	7	LT/RT	40	2	TWO-WAY	YELLOW		154
754+97	756+66	18	LT	40	1	ONE-WAY	WHITE		5
761+50	764+18	VARIES	LT/RT	40	2	TWO-WAY	YELLOW		14
762+50	764+18	15	RT	40	1	ONE-WAY	WHITE		5
765+29	766+37	4	LT	40	1	ONE-WAY	WHITE		3
765+29	766+59	7	LT	40	1	ONE-WAY	WHITE		4
765+29	767+59	7	RT	40	1	TWO-WAY	YELLOW		6
767+59	784+49	7	LT/RT	40	2	TWO-WAY	YELLOW		86
784+49	786+74	7	LT	40	1	TWO-WAY	YELLOW		6
785+49	786+74	7	RT	40	1	ONE-WAY	WHITE		4
787+24	788+00	VARIES	LT/RT	40	2	TWO-WAY	YELLOW		4
TOTAL									371

RAISED PAVEMENT MARKING REMOVALS									
STATION	STATION	OFFSET	LT/RT	SPACING	# MARKINGS	ONE-WAY/TWO-WAY	COLOR	TOTAL	
								FT	FT
LINE "A"									
713+08	714+11	10	LT	40	1	ONE-WAY	WHITE		3
713+08	714+30	2	RT	40	1	TWO-WAY	YELLOW		4
714+30	716+75	VARIES	LT/RT	40	2	TWO-WAY	YELLOW		14
716+75	718+65	0		40	1	TWO-WAY	YELLOW		5
718+65	725+40	0		80	1	TWO-WAY	YELLOW		9
725+40	727+77	0		40	1	TWO-WAY	YELLOW		6
728+21	748+40	0		40	1	TWO-WAY	YELLOW		51
748+40	764+38	VARIES	LT/RT	40	2	TWO-WAY	YELLOW		80
765+42	766+73	6	LT	40	1	ONE-WAY	WHITE		4
765+42	766+73	5	RT	40	1	TWO-WAY	YELLOW		4
766+73	771+00	VARIES	LT/RT	40	2	TWO-WAY	YELLOW		22
771+00	784+00	0		40	1	TWO-WAY	YELLOW		33
784+79	786+72	0		40	1	TWO-WAY	YELLOW		5
787+07	787+57	0		40	1	TWO-WAY	YELLOW		2
TOTAL									242

SIDEWALK SUMMARY TABLE				
BEGIN STATION	END STATION	LT/RT	SIDEWALK, CONCRETE	
			SYS	SYS
LINE "A"				
759+35	759+50	LT		8.3
761+95	762+09	RT		8.5
766+73	766+84	LT		6.7
767+12	767+23	LT		6.6
772+79	772+84	LT		3.3
773+36	773+42	RT		2.5
773+77	773+82	RT		2.2
774+73	774+79	RT		2.5
780+19	780+26	LT		3.6
785+53	786+01	LT		32.4
786+34	786+62	LT		16.4
787+29	788+07	LT		52.4
TOTAL				145.4

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE NO.
		NA	NA
DESIGNED: ZMS	DRAWN: ACB	VERTICAL SCALE	DESIGNATION NO.
		NA	1700179
CHECKED: BBB	CHECKED: MAR	SURVEY BOOK NO.	SHEETS
		NA	67 of 139
		CONTRACT NO.	PROJECT NO.
		R-40477	1700179

MISCELLANEOUS QUANTITIES

**PIPE SUMMARY TABLE**

		STRUCTURE NUMBER	A*	B*	C*	D*	E*	F*	G*	H*	I*	J*	K*	L*	M*
INT. DES.	PIPE TYPE / SHAPE (CIR or DEF)	2/CIRCULAR													
	SMOOTH PIPE SIZE	12													
	CORRUGATED PIPE SIZE														
	SEMI-SMOOTH PIPE SIZE														
CONC.	RCP/RCHP (S)		II	II	II	II	II	II	II	II	II	II	II	II	II
	D <sub>min</sub> RATING	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
PLASTIC PIPE	NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)	X		X				X	X			X	X	X	X
	CORRUGATED PE PIPE, TYPE S (S)*			X				X	X			X	X	X	X
	PROFILE WALL (RIBBED) PE PIPE (S)*											X	X	X	X
	PROFILE WALL (CLOSED) PE PIPE (S)*											X	X	X	X
	SMOOTH WALL PE PIPE (S)* / MAXIMUM DR			X/26				X/26				X/26	X/26	X/26	X/26
	CORRUGATED PP PIPE (S)			X				X				X	X	X	X
	PROFILE WALL PVC PIPE (S)			X				X				X	X	X	X
	SMOOTH WALL PVC PIPE (S)*			X				X				X	X	X	X
CLAY	VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)	X	X			X		X	X		X	X	X	X	X
CORRUGATED STEEL PIPE / PIPE-ARCH	FULLY BIT. PAVED & LINED (S)														
	ZINC COATED (C)														
	ZINC COATED W/ BPI (C)														
	ALUM. COATED TYPE 2 (C)														
	POLYMER PRECOATED GALVANIZED (C)														
	POLYMER PRECOATED GALVANIZED CORRUGATED STEEL PIPE TYPE 1A (S)														
COR. ALUM. PIPE/ P-ARCH	CORRUGATED ALUM. ALLOY (C)														
	CORRUGATED ALUM. ALLOY W/ BPI (C)														
SPIRAL RIB STEEL PIPE	ZINC COATED (SS)														
	ZINC COATED W/ BPI (SS)														
	ALUM. COATED TYPE 2 (SS)														
	POLYMER PRECOATED GALVANIZED (SS)														
STRUCTURAL PLATE PIPE / PIPE-ARCH	STR. PLATE ALUMINUM ALLOY (C)														
	STR. PLATE ALUMINUM ALLOY W/ CFP (C)														
	STR. PLATE STEEL (C)														
	STR. PLATE STEEL W/ CFP (C)														

\* Corresponds to structure numbers below:

A = 100, 117, 118, 120, 124, 126, 133, 137, 163, 164, 165, 170, 217, 218, 219, 223, 224, 247, 258, 261, 300, 301, 303, 304, 305, 306, 308, 309, 312, 313, 314, 316, 317, 318, 319, 320, 322, 401, 402, 403, 404, 405, 406, 411, 414, 418, 419, 420, 421, 422, 428

B = 101, 119, 125, 131, 132, 169, 202, 257, 259, 260, 302, 426, 429

C = 102, 121, 122, 123, 134, 135, 136, 200, 201, 212, 220, 221, 222, 225, 226, 231, 232, 233, 234, 235, 236, 237, 243, 244, 245, 307, 321, 400, 407, 409, 410, 412, 413, 415, 416, 417, 423, 430

D = 246, 263, 315, 408, 424, 425, 427

F = 127, 230

F = 138, 227, 256

G = 128, 129, 130, 139, 140, 141, 142, 228, 229

H = 103, 204, 205, 238

I = 104, 216

J = 114, 115, 116, 161, 162, 215, 239

K = 105, 106, 107, 108, 109, 110, 111, 112, 113, 143, 144, 145, 146, 147, 148, 149, 150, 151, 157, 158, 159, 160, 166, 167, 168, 203, 206, 207, 208, 209, 210, 211, 213, 214, 240, 241, 242, 253, 254, 255, 262, 264, 265

L = 152, 153, 154, 155, 156, 248, 249, 250, 251, 252

M = 310

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____	
DESIGNED: ZMS	DRAWN: ACB		
CHECKED: BBB	CHECKED: MAR		

INDIANA DEPARTMENT OF TRANSPORTATION	
MISCELLANEOUS TABLES	

HORIZONTAL SCALE NA	BRIDGE FILE NO. NA
VERTICAL SCALE NA	DESIGNATION NO. 1700179
SURVEY BOOK NO. NA	SHEETS 68 of 139
CONTRACT NO. R-40477	PROJECT NO. 1700179



STRUCTURE NO.	LOCATION			STRUCTURE TYPE	SIZE IN.	PIPE TYPE	LENGTH FT.	SKEW	FLOW LINE			SERVICE LIFE YR.	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS.	VELOCITY FPS	CONCRETE CLASS IN FT. A	REVEMENT RIPRAP TON	CLASS I RIPRAP TON	GEOTEXTILE SYD	PIPE END SECTION EA.	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS														
	STATION	LEFT	RIGHT						COVER FT.	UP STREAM ELEV.	DOWN STREAM ELEV.												TYPE	SLOPE	EA.	SLOPE	EA.																
			CROSS																																								
100	714+00	X		Inlet C-15	12	2	82		1.5	889.13	888.21	75	NA	7.0	1	23.2	3.2											101															
101	714+85	X		MH C-15	12	2	62		2.7	886.69	886.50	75	NA	7.0	1	27.8	2.7												101	Outlet													
102	715+23	X		Inlet B-15	12	2	34		1.1	888.33	888.21	75	NA	7.0	1	8.2	2.2												101														
103	715+68	X		MH C-15	18	2	19		0.9	888.00	887.00	75	NA	7.0	1	5.3	10.8													103	Outlet												
104	716+53	X		Inlet C-15	18	2	82		1.4	888.34	888.00	75	NA	7.0	1	29.7	4.2													103													
105	717+28	X		Inlet C-15	18	2	72		2.1	888.64	888.34	75	NA	7.0	1	33.3	4.2													104													
106	718+53	X		Inlet C-15	18	2	122		2.9	889.02	888.64	75	NA	7.0	1	73.3	3.7													105													
107	720+53	X		Inlet C-15	18	2	197		4.1	889.62	889.02	75	NA	7.0	1	157.7	3.6													106													
108	722+53	X		Inlet C-15	18	2	24		5.7	890.22	890.14	75	NA	7.0	1	25.9	3.6													166													
109	723+78	X		Inlet C-15	18	2	122		5.8	890.60	890.22	75	NA	7.0	1	132.7	3.5													108													
110	725+20	X		Inlet C-15	18	2	139		5.9	890.90	890.60	75	NA	7.0	1	153.6	3.0													109													
111	727+50	X		Inlet C-15	18	2	226		5.5	891.83	890.90	75	NA	7.0	1	234.4	3.8													110													
112	728+95	X		Inlet C-15	18	2	142		4.2	892.16	891.83	75	NA	7.0	1	115.0	3.0													111													
113	729+95	X		Inlet C-15	18	2	97		2.7	892.51	892.16	75	NA	7.0	1	54.4	3.5													112													
114	730+38	X		Inlet C-15	18	2	39		1.9	892.63	892.51	75	NA	7.0	1	16.9	3.1													113													
115	730+55	X		Inlet C-15	18	2	14		1.7	892.69	892.63	75	NA	7.0	1	5.6	3.3													114													
116	730+80	X		Inlet C-15	18	2	22		1.6	892.77	892.69	75	NA	7.0	1	8.7	3.2													115													
117	731+15	X		Inlet C-15	12	2	32		1.4	893.79	893.27	75	NA	7.0	1	8.9	5.5													116													
118	733+80	X		Inlet C-15	12	2	261		1.8	895.41	893.79	75	NA	7.0	1	85.6	3.7													117													
119	734+90	X		Inlet C-15	12	2	107		2.3	895.93	895.41	75	NA	7.0	1	42.0	3.2													118													
120	735+90	X		Inlet C-15	12	2	97		1.6	897.55	895.93	75	NA	7.0	1	29.4	4.9													119													
121	737+15	X		Inlet C-15	12	2	122		1.0	898.13	897.55	75	NA	7.0	1	27.5	2.8													120													
122	738+35	X		Inlet B-15	12	2	117		1.0	898.69	898.13	75	NA	7.0	1	26.4	2.2													121													
123	742+29	X		Inlet C-15	12	2	78		1.2	892.22	890.75	75	NA	7.0	1	19.2	4.7													124													
124	743+10	X		Inlet C-15	12	2	147		1.6	890.75	887.81	75	NA	7.0	1	44.5	5.6													125													
125	744+60	X		Inlet C-15	12	2	122		2.1	887.81	887.43	75	NA	7.0	1	43.9	2.7													126													
126	745+86	X		Inlet C-15	12	2	41		1.8	887.43	887.29	75	NA	7.0	1	13.1	2.9													170													
127	747+12	X		Inlet C-15	15	2	79		1.0	886.63	886.08	75	NA	7.0	1	21.1	4.1													128													
128	747+94	X		MH C-15	15	2	17		3.3	883.81	883.52	75	NA	7.0	1	10.2	5.6													310													
129	748+39	X		MH C-15	15	2	24		3.0	884.33	883.52	75	NA	7.0	1	13.2	7.6													310													
130	748+84	X		Inlet C-15	15	2	42		2.5	884.78	884.33	75	NA	7.0	1	19.8	4.9													129													
131	749+94	X		Inlet C-15	12	2	107		2.4	885.50	885.03	75	NA	7.0	1	42.9	3.4													130													
132	750+50	X		Inlet C-15	12	2	52		2.3	886.07	885.50	75	NA	7.0	1	20.3	4.7													131													
133	751+99	X		Inlet C-15	12	2	146		1.6	888.23	886.07	75	NA	7.0	1	43.6	4.4													132													
134	753+49	X		Inlet B-15	12	2	147		1.0	889.04	888.23	75	NA	7.0	1	33.1	2.4													133													
135	755+98	X		Inlet B-15	12	2	102		1.0	888.02	886.38	75	NA	7.0	1	23.0	4.0													136													
136	757+03	X		Inlet C-15	12	2	56		1.2	886.38	885.40	75	NA	7.0	1	13.9	4.9													137													
137	757+63	X		Inlet C-15	12	2	57		1.6	885.40	884.81	75	NA	7.0	1	16.8	4.4													138													
Total This Sheet																1704.1																											

NOT UPDATED - STRUCTURE DATA TABLE, ALL SHEETS

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZMS	DRAWN: ACB	
CHECKED: BBB	CHECKED: MAR	

INDIANA DEPARTMENT OF TRANSPORTATION	
STRUCTURE DATA TABLE	

HORIZONTAL SCALE NA	BRIDGE FILE NO. NA
VERTICAL SCALE NA	DESIGNATION NO. 1700179
SURVEY BOOK NO. NA	SHEETS 69 of 139
CONTRACT NO. R-40477	PROJECT NO. 1700179

STRUCTURE NO.	LOCATION			STRUCTURE TYPE	SIZE	PIPE TYPE	LENGTH	SKEW	FLOW LINE				SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL	VELOCITY	CONCRETE CLASS	REVEMENT RIPRAP	CLASS I RIPRAP	GEOTEXTILE	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS														
	STATION	LEFT	RIGHT						COVER	UP STREAM	DOWN STREAM	TYPE												SLOPE	EA.	SLOPE	EA.																	
																												IN.			FT.	FT.	ELEV.	ELEV.	YR.	CYS.	FPS	TON	TON	TON	SYD	EA.	TYPE	SLOPE
138	758+23	X		Inlet C-15	15	2	57		1.7	884.81	884.63	75	NA	7.0	1	20.1	3.0													139														
139	758+83	X		Inlet C-15	15	2	117		2.0	884.63	884.27	75	NA	7.0	1	47.2	3.1														140													
140	759+03	X		Inlet C-15	15	2	60		2.2	884.27	884.07	75	NA	7.0	1	26.2	3.2														141													
141	760+67	X		Inlet C-15	15	2	30		2.3	884.07	883.97	75	NA	7.0	1	13.3	3.2														142													
142	761+00	X		Inlet C-15	15	2	27		2.4	883.97	883.88	75	NA	7.0	1	12.4	3.2														143													
143	761+30	X		Inlet C-15	18	2	127		2.7	883.88	883.49	75	NA	7.0	1	72.4	3.5														144													
144	762+60	X		Inlet C-15	18	2	107		3.6	883.49	883.16	75	NA	7.0	1	76.2	3.5														145													
145	763+70	X		Inlet C-15	18	2	126		4.5	883.16	882.77	75	NA	7.0	1	107.4	3.6														146													
146	765+00	X		Inlet C-15	18	2	147		5.3	882.77	882.32	75	NA	7.0	1	146.6	3.6														167													
147	767+35	X		Inlet C-15	18	2	106		5.7	882.06	881.73	75	NA	7.0	1	112.7	3.7														168													
148	769+06	X		Inlet C-15	18	2	75		5.3	881.54	881.30	75	NA	7.0	1	74.7	3.7														149													
149	769+85	X		Inlet C-15	18	2	57		5.1	881.30	881.12	75	NA	7.0	1	55.4	3.7														150													
150	770+45	X		Inlet C-15	18	2	57		5.3	881.12	880.94	75	NA	7.0	1	57.3	3.7														151													
151	771+05	X		MH C-15	18	2	90		4.2	880.94	880.67	75	NA	7.0	1	73.6	3.7														Outlet													
152	772+78	X		MH C-15	24	2	80		3.8	880.77	880.67	75	NA	7.0	1	73.3	2.8													Outlet														
153	773+09	X		Inlet C-15	24	2	27		5.1	880.81	880.77	75	NA	7.0	1	31.7	2.9														152													
154	773+69	X		Inlet C-15	24	2	57		5.1	880.89	880.81	75	NA	7.0	1	66.9	2.9														153													
155	774+49	X		Inlet C-15	24	2	77		5.5	881.05	880.89	75	NA	7.0	1	95.3	3.3														154													
156	777+57	X		Inlet C-15	24	2	305		5.8	881.66	881.05	75	NA	7.0	1	395.5	3.3														155													
157	778+82	X		Inlet C-15	18	2	122		5.4	882.41	882.16	75	NA	7.0	1	124.3	3.1														156													
158	780+51	X		Inlet C-15	18	2	166		4.2	882.80	882.41	75	NA	7.0	1	134.3	3.3														157													
159	781+32	X		Inlet C-15	18	2	77		2.8	883.05	882.80	75	NA	7.0	1	44.9	3.7														158													
160	781+92	X		Inlet C-15	18	2	57		2.1	883.26	883.05	75	NA	7.0	1	26.9	3.8														159													
161	782+14	X		Inlet C-15	18	2	18		1.9	883.34	883.26	75	NA	7.0	1	7.9	3.8														160													
162	782+68	X		Inlet C-15	18	2	51		1.9	883.54	883.34	75	NA	7.0	1	22.4	3.8														161													
163	784+52	X		Inlet C-15	12	2	180		1.8	885.79	884.04	75	NA	7.0	1	59.5	4.3														162													
164	785+90	X		Inlet C-15	12	2	135		1.8	886.95	885.79	75	NA	7.0	1	44.1	3.9														163													
165	787+17	X		Inlet B-15	12	2	65		1.8	889.03	887.26	75	NA	7.0	1	21.0	3.8														169													
166	722+25	X		Inlet C-15	18	2	169		5.3	890.14	889.62	75	NA	7.0	1	167.5	3.6														107													
167	766+50	X		Inlet C-15	18	2	82		5.7	882.32	882.06	75	NA	7.0	1	87.7	3.6														147													
168	768+45	X		Inlet C-15	18	2	58		5.5	881.73	881.54	75	NA	7.0	1	60.4	3.7														148													
169	786+50	X		Inlet C-15	12	2	56		2.0	887.26	886.95	75	NA	7.0	1	19.8	3.2														164													
170	746+30	X		Inlet C-15	12	2	79		1.4	887.29	886.88	75	NA	7.0	1	21.2	3.5														127													
Total This Sheet																2400.3																												

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE NA	BRIDGE FILE NO. NA	
			VERTICAL SCALE NA	DESIGNATION NO. 1700179	
DESIGNED: ZMS	DRAWN: ACB	STRUCTURE DATA TABLE		SURVEY BOOK NO. NA	SHEETS 70 of 139
CHECKED: BBB	CHECKED: MAR			CONTRACT NO. R-40477	PROJECT NO. 1700179

STRUCTURE NO.	LOCATION			STRUCTURE TYPE	SIZE IN.	PIPE TYPE	LENGTH FT.	SKEW	FLOW LINE				SERVICE LIFE YR.	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL		VELOCITY FPS	CONCRETE CLASS IN FT	REVEMENT RIPRAP TON	CLASS I RIPRAP TON	GEOTEXTILE SYD	PIPE END SECTION EA.	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT CROSS						COVER FT.	UP STREAM ELEV.	DOWN STREAM ELEV.	CYS.					TON	TON							EA.	SLOPE	EA.	SLOPE	EA.		
200	714+19	X		Inlet B-15	12	2	63		1.0	889.44	888.48	75	NA	7.0	1	14.2	3.4												201		
201	714+86	X		Inlet C-15	12	2	34		1.0	888.48	888.33	75	NA	7.0	1	7.7	2.6													202	
202	715+23	X		MH C-15	12	2	13		3.3	884.81	884.50	75	NA	7.0	1	6.8	5.3													Connect to existing manhole at Sta. 715+30	
203	715+68	X		MH C-15	18	2	37		2.6	885.30	884.50	75	NA	7.0	1	20.4	8.0													Connect to existing manhole at Sta. 715+30	
204	716+53	X		Inlet C-15	18	2	82		1.2	888.64	888.05	75	NA	7.0	1	27.5	5.3													203	
205	717+28	X		Inlet C-15	18	2	72		1.8	888.92	888.64	75	NA	7.0	1	30.0	4.1													204	
206	718+53	X		Inlet C-15	18	2	122		2.6	889.32	888.92	75	NA	7.0	1	67.6	3.8													205	
207	720+53	X		Inlet C-15	18	2	197		3.8	889.92	889.32	75	NA	7.0	1	147.8	3.7													206	
208	722+53	X		MH C-15	18	2	197		5.0	890.52	889.92	75	NA	7.0	1	186.0	3.7													207	
209	723+78	X		MH C-15	18	2	122		5.5	890.90	890.52	75	NA	7.0	1	126.2	3.6													208	
210	724+82	X		Inlet C-15	18	2	102		5.5	891.22	890.90	75	NA	7.0	1	106.1	3.6													209	
211	727+61	X		MH C-15	18	2	168		5.1	892.06	891.54	75	NA	7.0	1	160.5	3.5													262	
212	727+86	X		Inlet B-15	12	2	15		1.0	895.69	895.55	75	NA	7.0	1	3.3	2.5													405	
213	728+94	X		Inlet C-15	18	2	130		3.9	892.46	892.06	75	NA	7.0	1	98.5	3.4													211	
214	730+19	X		Inlet C-15	18	2	122		2.4	892.84	892.46	75	NA	7.0	1	62.4	3.4													213	
215	730+54	X		Inlet C-15	18	2	32		1.5	892.95	892.84	75	NA	7.0	1	12.2	3.3													214	
216	730+99	X		Inlet C-15	18	2	42		1.4	893.09	892.95	75	NA	7.0	1	15.2	3.2													215	
217	731+60	X		Inlet C-15	12	2	57		1.3	894.30	893.59	75	NA	7.0	1	15.1	5.1													216	
218	733+39	X		Inlet C-15	12	2	176		1.4	896.00	894.30	75	NA	7.0	1	48.4	4.5													217	
219	234+64	X		Inlet C-15	12	2	122		1.4	896.97	896.00	75	NA	7.0	1	32.8	3.9													218	
220	735+89	X		Inlet C-15	12	2	122		1.1	897.55	896.97	75	NA	7.0	1	28.3	3.0													219	
221	737+14	X		Inlet C-15	12	2	122		1.0	898.13	897.55	75	NA	7.0	1	27.5	2.8													220	
222	738+50	X		Inlet C-15	12	2	132		1.0	898.76	898.13	75	NA	7.0	1	29.8	2.2													221	
223	742+10	X		Inlet B-15	12	2	97		1.4	893.06	889.77	75	NA	7.0	1	26.1	5.7													224	
224	743+10	X		Inlet C-15	12	2	147		1.4	889.77	889.04	75	NA	7.0	1	39.6	3.0													225	
225	744+60	X		Inlet C-15	12	2	109		1.0	889.04	888.41	75	NA	7.0	1	24.6	3.5													226	
226	745+72	X		Inlet C-15	12	2	89		1.1	888.41	887.26	75	NA	7.0	1	21.6	4.9													263	
227	747+10	X		Inlet C-15	15	2	80		1.5	886.45	885.41	75	NA	7.0	1	26.2	5.2													228	
228	747+93	X		MH C-15	15	2	29		2.4	882.69	882.56	75	NA	7.0	1	13.3	3.5													Connect to existing manhole at Sta. 748+25	
229	748+38	X		MH C-15	15	2	12		2.4	882.60	882.56	75	NA	7.0	1	5.5	3.0													Connect to existing manhole at Sta. 748+25	
230	748+83	X		Inlet C-15	15	2	42		1.0	886.09	885.95	75	NA	7.0	1	11.1	3.0													229	
231	749+83	X		Inlet C-15	12	2	97		1.0	886.87	886.34	75	NA	7.0	1	21.9	3.5													230	
232	750+83	X		Inlet C-15	12	2	97		1.0	887.42	886.87	75	NA	7.0	1	21.9	3.4													231	
233	751+65	X		Inlet C-15	12	2	78		1.0	887.98	887.42	75	NA	7.0	1	17.6	3.5													232	
234	753+48	X		Inlet B-15	12	2	180		1.0	889.15	887.98	75	NA	7.0	1	40.6	2.5													233	
235	756+18	X		Inlet B-15	12	2	96		1.0	887.87	886.27	75	NA	7.0	1	21.6	4.1													236	
236	757+17	X		Inlet C-15	12	2	65		1.0	886.27	885.63	75	NA	7.0	1	14.7	3.8													237	
237	757+86	X		Inlet C-15	12	2	34		1.0	885.63	885.53	75	NA	7.0	1	7.7	2.6													238	
Total This Sheet																1588.1															

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE NA	BRIDGE FILE NO. NA	
			VERTICAL SCALE NA	DESIGNATION NO. 1700179	
DESIGNED: ZMS	DRAWN: ACB	STRUCTURE DATA TABLE		SURVEY BOOK NO. NA	SHEETS 71 of 139
CHECKED: BBB	CHECKED: MAR			CONTRACT NO. R-40477	PROJECT NO. 1700179

STRUCTURE NO.	LOCATION			STRUCTURE TYPE	SIZE IN.	PIPE TYPE	LENGTH FT.	SKEW	FLOW LINE				SERVICE LIFE YR.	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL		VELOCITY FPS	CONCRETE CLASS IN FT	REVEMENT RIPRAP TON	CLASS I RIPRAP TON	GEOTEXTILE SYD	PIPE END SECTION EA.	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS																		
	STATION	LEFT	RIGHT CROSS						COVER FT.	UP STREAM ELEV.	DOWN STREAM ELEV.	CYS.					FPS	TYPE							SLOPE	EA.	SLOPE	EA.																					
238	758+22	X		Inlet R-13	18	2	15		1.1	885.03	884.97	75	NA	7.0	1	4.6	3.0													239																			
239	758+40	X		Inlet C-15	18	2	167		1.7	884.97	883.90	75	NA	7.0	1	69.1	4.3														264																		
240	760+55	X		Inlet C-15	18	2	40		2.4	883.76	883.62	75	NA	7.0	1	20.6	3.5														241																		
241	760+99	X		Inlet C-15	18	2	36		2.5	883.62	883.50	75	NA	7.0	1	19.4	3.5														242																		
242	761+39	X		Inlet C-15	18	2	109		3.0	883.50	883.16	75	NA	7.0	1	67.3	3.5														244	Connect to existing inlet at Sta. 762+51																	
243	767+34	X		Inlet C-15	12	2	147		1.0	887.26	886.62	75	NA	7.0	1	33.1	2.3															244																	
244	768+84	X		Inlet C-15	12	2	97		1.0	886.62	885.92	75	NA	7.0	1	21.9	3.2															245																	
245	769+84	X		Inlet C-15	12	2	57		1.0	885.92	885.74	75	NA	7.0	1	13.0	2.6															246																	
246	770+44	X		Inlet C-15	12	2	57		1.2	885.74	885.50	75	NA	7.0	1	14.5	3.1															247																	
247	771+04	X		MH C-15	12	2	91		1.9	885.50	883.50	75	NA	7.0	1	30.8	5.9															248	Connect to existing manhole at Sta. 771+97																
248	772+48	X		MH C-15	24	2	50		4.7	880.78	880.68	75	NA	7.0	1	54.5	3.3															249	Connect to existing manhole at Sta. 771+97																
249	773+08	X		Inlet C-15	24	2	57		5.1	880.90	880.78	75	NA	7.0	1	66.8	3.4															248																	
250	773+31	X		Inlet C-15	24	2	19		5.0	880.94	880.90	75	NA	7.0	1	21.8	3.2															249																	
251	774+00	X		Inlet C-15	24	2	65		5.1	881.15	880.94	75	NA	7.0	1	75.4	4.0															250																	
252	777+56	X		Inlet C-15	24	2	353		5.2	882.22	881.15	75	NA	7.0	1	416.7	3.9															251																	
253	779+76	X		Inlet C-15	18	2	117		5.3	882.57	882.22	75	NA	7.0	1	117.1	3.7															252																	
254	780+76	X		Inlet C-15	18	2	99		3.4	883.17	882.86	75	NA	7.0	1	66.6	3.3															265																	
255	781+75	X		Inlet C-15	18	2	95		2.2	883.48	883.17	75	NA	7.0	1	45.9	3.3															254																	
256	781+91	X		Inlet C-15	15	2	13		1.9	883.53	883.48	75	NA	7.0	1	5.1	3.2															255																	
257	782+39	X		Inlet C-15	12	2	44		2.1	883.86	883.53	75	NA	7.0	1	15.8	4.2															256																	
258	782+92	X		Inlet C-15	12	2	50		1.9	884.23	883.86	75	NA	7.0	1	17.1	4.1															257																	
259	784+50	X		Inlet C-15	12	2	154		2.2	885.00	884.23	75	NA	7.0	1	58.3	3.4															258																	
260	786+42	X		Inlet C-15	12	2	189		2.7	886.35	885.00	75	NA	7.0	1	84.9	3.5															259																	
261	787+90	X		Inlet C-15	12	2	145		2.0	891.51	886.35	75	NA	7.0	1	50.8	6.0															260																	
262	725+89	X		Inlet C-15	18	2	104		5.4	891.54	891.22	75	NA	7.0	1	106.6	3.5															210																	
263	746+65	X		Inlet C-15	12	2	42		1.3	887.26	886.70	75	NA	7.0	1	10.9	5.2															227																	
264	760+10	X		Inlet C-15	18	2	42		2.4	883.90	883.76	75	NA	7.0	1	21.6	3.4															240																	
265	779+74	X		Inlet C-15	18	2	94		4.5	882.86	882.57	75	NA	7.0	1	81.0	3.5															253																	
Total This Sheet																	1611.1																																

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE NO.	
					NA	NA	
DESIGNED: ZMS	DRAWN: ACB	CHECKED: BBB	CHECKED: MAR	STRUCTURE DATA TABLE		VERTICAL SCALE	DESIGNATION NO.
						NA	1700179
				SURVEY BOOK NO.		SHEETS	
				NA		72 of 139	
				CONTRACT NO.		PROJECT NO.	
				R-40477		1700179	

STRUCTURE NO.	LOCATION			STRUCTURE TYPE	SIZE IN.	PIPE TYPE	LENGTH FT.	SKEW	FLOW LINE				SERVICE LIFE YR.	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS.	VELOCITY FPS	CONCRETE CLASS IN FT. A	REVETMENT RIPRAP TON	CLASS I RIPRAP TON	GEOTEXTILE SYD	PIPE END SECTION EA.	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT						COVER FT.	UP STREAM ELEV.	DOWN STREAM ELEV.	TYPE												SLOPE	EA.	SLOPE	EA.			
			CROSS																											
300	713+25	X		Inlet E-7	12	2	73		1.3	889.36	889.13	75	NA	7.0	1	19.4	1.4											100		
301	722+24	X		Pipe Catch Basin 12"	12	2	8		1.5	894.46	894.27	75	NA	7.0	1	2.3	2.1												166	
302	723+78	X		Pipe Catch Basin 12"	12	2	7		2.1	894.50	894.35	75	NA	7.0	1	2.6	3.2												109	
303	725+20	X		Pipe Catch Basin 12"	12	2	7		1.7	895.30	895.11	75	NA	7.0	1	2.2	2.1												110	
304	727+50	X		Pipe Catch Basin 12"	12	2	7		1.7	895.40	895.22	75	NA	7.0	1	2.2	1.6												111	
305	733+80	X		Pipe Catch Basin 12"	12	2	8		1.8	895.60	895.41	75	NA	7.0	1	2.6	2.3												118	
306	734+90	X		Pipe Catch Basin 12"	12	2	7		1.7	896.10	895.93	75	NA	7.0	1	2.2	2.8												119	
307	742+30	X		Pipe Catch Basin 18"	12	2	8		1.2	892.26	892.22	75	NA	7.0	1	2.0	1.3												123	
308	744+61	X		Pipe Catch Basin 18"	12	2	8		1.7	888.00	887.81	75	NA	7.0	1	2.5	2.3												125	
309	746+30	X		Pipe Catch Basin 18"	12	2	7		1.4	887.40	887.38	75	NA	7.0	1	1.9	1.1												170	
310	748+13	X		MH K-4	36	2	11		2.2	882.05	881.33	75	NA	7.0	1	11.2	11.5											311	Connect to existing 36" pipe	
311	748+02	X		MH K-2																										Connect to existing 36" pipe
312	750+50	X		Pipe Catch Basin 18"	12	2	8		1.6	886.26	886.07	75	NA	7.0	1	2.4	4.6												132	
313	758+83	X		Pipe Catch Basin 12"	12	2	8		1.5	885.10	884.92	75	NA	7.0	1	2.3	2.4												139	
314	760+03	X		Pipe Catch Basin 18"	12	2	6		1.5	885.00	884.97	75	NA	7.0	1	1.7	2.1												140	
315	761+29	X		Pipe Catch Basin 12"	12	2	8		1.3	885.50	885.31	75	NA	7.0	1	2.0	4.7												143	
316	765+00	X		Pipe Catch Basin 18"	12	2	5		1.7	886.00	885.86	75	NA	7.0	1	1.6	1.7												146	
317	766+50	X		Pipe Catch Basin 18"	12	2	9		1.9	886.00	885.83	75	NA	7.0	1	3.1	2.2												167	
318	767+36	X		Pipe Catch Basin 18"	12	2	6		1.8	886.00	885.83	75	NA	7.0	1	2.0	2.2												147	
319	768+45	X		Pipe Catch Basin 18"	12	2	6		1.7	885.80	885.64	75	NA	7.0	1	1.9	1.5												168	
320	781+35	X		Inlet E-7	12	2	5		1.5	883.86	883.83	75	NA	7.0	1	1.4	1.3												159	
321	782+70	X		Inlet E-7	12	2	5		1.1	884.91	884.88	75	NA	7.0	1	1.2	3.1												162	
322	786+50	X		Pipe Catch Basin 24"	12	2	13		1.6	887.31	887.26	75	NA	7.0	1	3.9	2.4												169	
Total This Sheet																74.4														

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE NO.	
					NA	NA	
DESIGNED: ZMS	DRAWN: ACB	CHECKED: BBB	CHECKED: MAR	STRUCTURE DATA TABLE		VERTICAL SCALE	DESIGNATION NO.
						NA	1700179
				SURVEY BOOK NO.		SHEETS	
				NA		73 of 139	
				CONTRACT NO.		PROJECT NO.	
				R-40477		1700179	



STRUCTURE NO.	LOCATION			STRUCTURE TYPE	SIZE	PIPE TYPE	LENGTH	SKEW	FLOW LINE				SERVICE LIFE	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL	VELOCITY	CONCRETE CLASS	REVEINMENT	CLASS I RIPRAP	GEOTEXTILE	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS														
	STATION	LEFT	RIGHT						COVER	UP STREAM	DOWN STREAM	TYPE												SLOPE	EA.	SLOPE	EA.																	
																												FT.			ELEV.	ELEV.	YR.	TON	TON	TON	SYD	EA.						
400	720+50		X	Pipe Catch Basin 12"	12	2	4		0.9	894.02	893.91	75	NA	7.0	1	0.8	1.9													207														
401	722+04		X	Pipe Catch Basin 12"	12	2	33		1.5	895.06	894.95	75	NA	7.0	1	9.6	1.0													402														
402	722+37		X	Inlet M-10	12	2	16		1.8	894.95	894.90	75	NA	7.0	1	5.3	1.6													208														
403	723+60		X	Pipe Catch Basin 18"	12	2	18		1.7	895.15	894.74	75	NA	7.0	1	5.6	2.4													209														
404	725+89		X	Pipe Catch Basin 18"	12	2	8		1.5	895.87	895.66	75	NA	7.0	1	2.3	3.6													262														
405	727+75		X	Pipe Catch Basin 18"	12	2	15		1.4	895.55	895.40	75	NA	7.0	1	4.2	2.7													211														
406	730+54		X	Pipe Catch Basin 18"	12	2	7		1.6	892.98	892.95	75	NA	7.0	1	2.1	1.2													215														
407	731+60		X	Pipe Catch Basin 18"	12	2	7		1.0	894.52	894.49	75	NA	7.0	1	1.6	1.1													217														
408	733+40		X	Pipe Catch Basin 18"	12	2	7		1.3	896.03	896.00	75	NA	7.0	1	1.8	1.3													218														
409	735+89		X	Pipe Catch Basin 18"	12	2	7		0.7	897.58	897.55	75	NA	7.0	1	1.3	1.4													220														
410	738+50		X	Pipe Catch Basin 18"	12	2	7		0.7	898.79	898.76	75	NA	7.0	1	1.3	1.2													222														
411	743+10		X	Pipe Catch Basin 18"	12	2	7		1.5	889.80	889.77	75	NA	7.0	1	2.0	1.4													224														
412	744+65		X	Pipe Catch Basin 12"	12	2	9		0.6	889.08	889.04	75	NA	7.0	1	1.6	1.2													225														
413	745+72		X	Pipe Catch Basin 12"	12	2	8		0.6	888.44	888.41	75	NA	7.0	1	1.4	1.0													226														
414	746+65		X	Pipe Catch Basin 12"	12	2	8		1.3	887.29	887.26	75	NA	7.0	1	2.1	1.4													263														
415	751+65		X	Inlet E-7	12	2	8		0.5	888.02	887.98	75	NA	7.0	1	1.3	2.0													233														
416	756+20		X	Pipe Catch Basin 24"	12	2	9		0.9	887.91	887.87	75	NA	7.0	1	1.9	1.9													235														
417	757+86		X	Pipe Catch Basin 18"	12	2	7		0.6	886.18	885.99	75	NA	7.0	1	1.2	4.1													237														
418	758+40		X	Pipe Catch Basin 18"	12	2	7		1.6	885.00	884.97	75	NA	7.0	1	2.1	2.5													239														
419	760+10		X	Pipe Catch Basin 18"	12	2	8		1.8	884.30	884.27	75	NA	7.0	1	2.6	1.8													264														
420	761+32		X	Pipe Catch Basin 18"	12	2	10		1.7	884.60	884.36	75	NA	7.0	1	3.2	2.0													242														
421	766+58		X	Pipe Catch Basin 18"	12	2	78		0.6	887.49	887.26	75	NA	7.0	1	14.1	1.4													243														
422	774+00		X	Pipe Catch Basin 12"	12	2	5		1.5	885.60	885.39	75	NA	7.0	1	1.5	3.0													251														
423	778+82		X	Inlet S-14	12	2	6		1.0	887.11	886.98	75	NA	7.0	1	1.4	5.6													253														
424	779+80		X	Inlet S-14	12	2	6		1.2	886.50	886.19	75	NA	7.0	1	1.5	5.9													265														
425	780+82		X	Inlet S-14	12	2	6		1.2	885.30	885.00	75	NA	7.0	1	1.5	2.4													254														
426	781+75		X	Inlet S-14	12	2	4		2.3	883.51	883.48	75	NA	7.0	1	1.6	1.0													255														
427	783+00		X	Inlet E-7	12	2	11		1.3	884.27	884.23	75	NA	7.0	1	2.9	1.8													258														
428	784+50		X	Pipe Catch Basin 18"	12	2	7		1.6	885.81	885.54	75	NA	7.0	1	2.1	4.4													259														
429	786+40		X	Pipe Catch Basin 18"	12	2	7		2.6	886.53	886.35	75	NA	7.0	1	3.0	3.1													260														
430	788+00		X	Pipe Catch Basin 24"	12	2	12		0.8	891.55	891.51	75	NA	7.0	1	2.4	2.4													261														
Total This Sheet																87.2																												

Structure Backfill (Cys)	Pipe, Type 2					Structures											
	12" (Lft)	15" (Lft)	18" (Lft)	24" (Lft)	36" (Lft)	Inlet C-15 (Each)	Inlet B-15 (Each)	Inlet E-7 (Each)	MH C-15 (Each)	Inlet R-13 (Each)	Inlet S-14 (Each)	CB 12" (Each)	CB 18" (Each)	CB 24" (Each)	MH K-4 (Each)	MH K-2 (Each)	Inlet M-10 (Each)
Total	7465	6073	629	5352	1090	11	111	10	5	15	1	4	14	25	3	1	1

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	DESIGNED: ZMS CHECKED: BBB	DRAWN: ACB CHECKED: MAR	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE NA	BRIDGE FILE NO. NA
			STRUCTURE DATA TABLE		VERTICAL SCALE NA	DESIGNATION NO. 1700179
			SURVEY BOOK NO. NA		SHEETS 74 of 139	
			CONTRACT NO. R-40477		PROJECT NO. 1700179	