

MATCH LINE - 1124+75 "C"

MATCH LINE - 1130+75 "C"

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

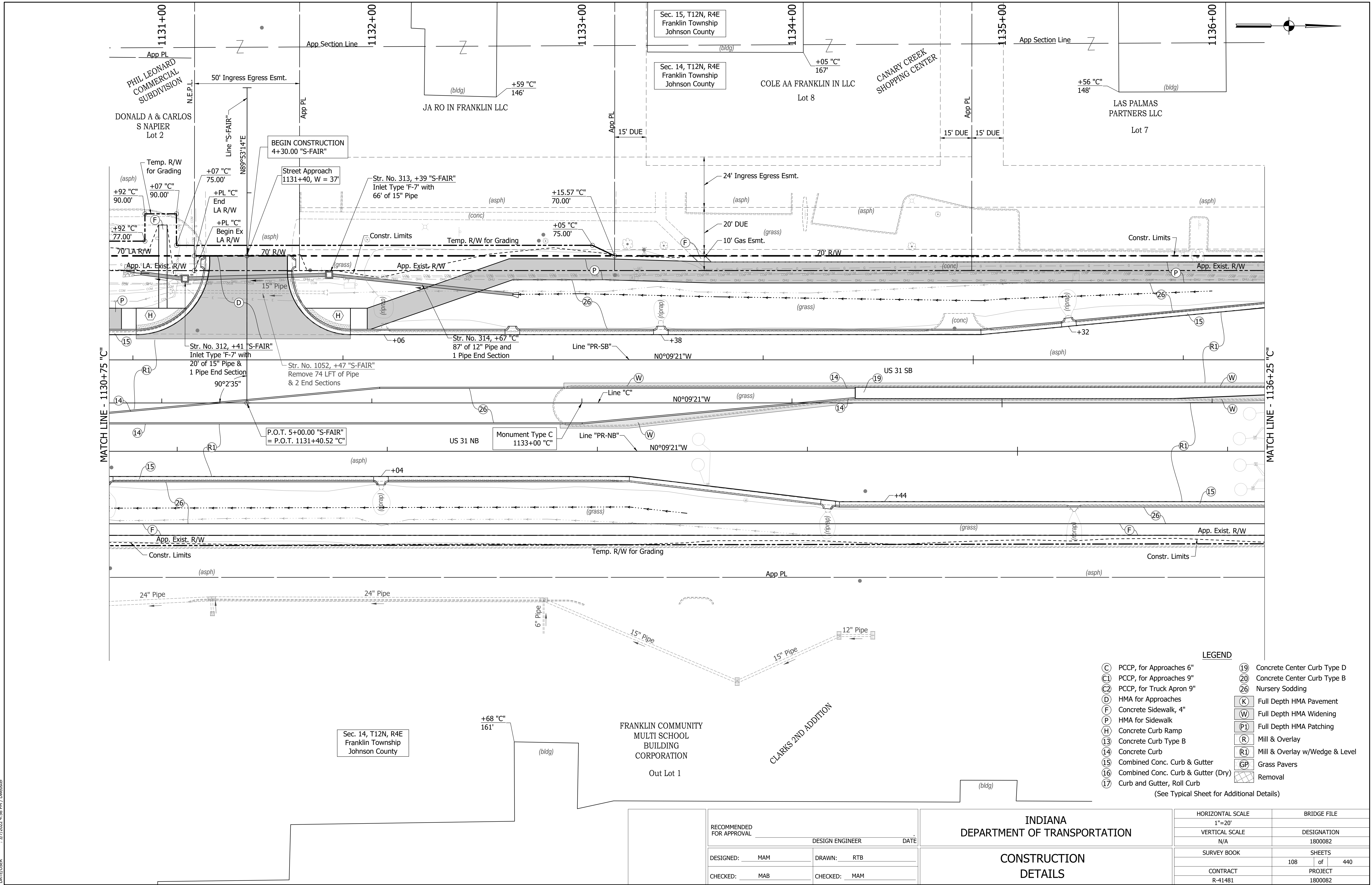
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CHECKED: MAB	CHECKED: MAM	

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	107 of 440
CONTRACT	PROJECT
R-41481	1800082

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LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(P)	HMA for Sidewalk	(P1)	Full Depth HMA Patching
(H)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(X)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

(See Typical Sheet for Additional Details)

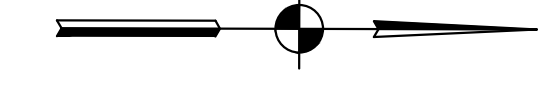
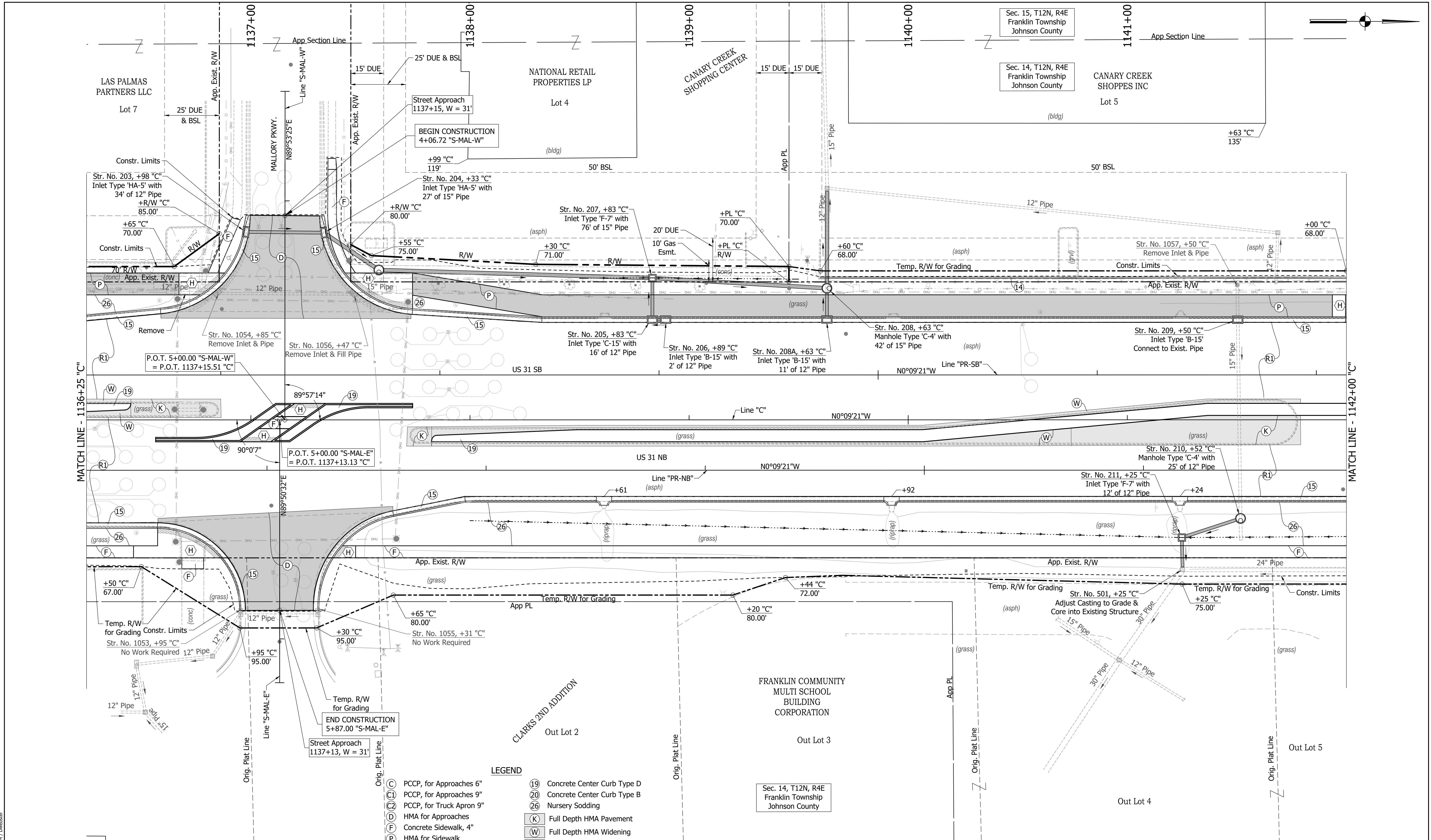
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION
DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	108 of 440
CONTRACT	PROJECT
R-41481	1800082



MATCH LINE - 1136+25 "C"

MATCH LINE - 1142+00 "C"

LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(9)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(P)	HMA for Sidewalk	(P1)	Full Depth HMA Patching
(H)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(X)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

(See Typical Sheet for Additional Details)

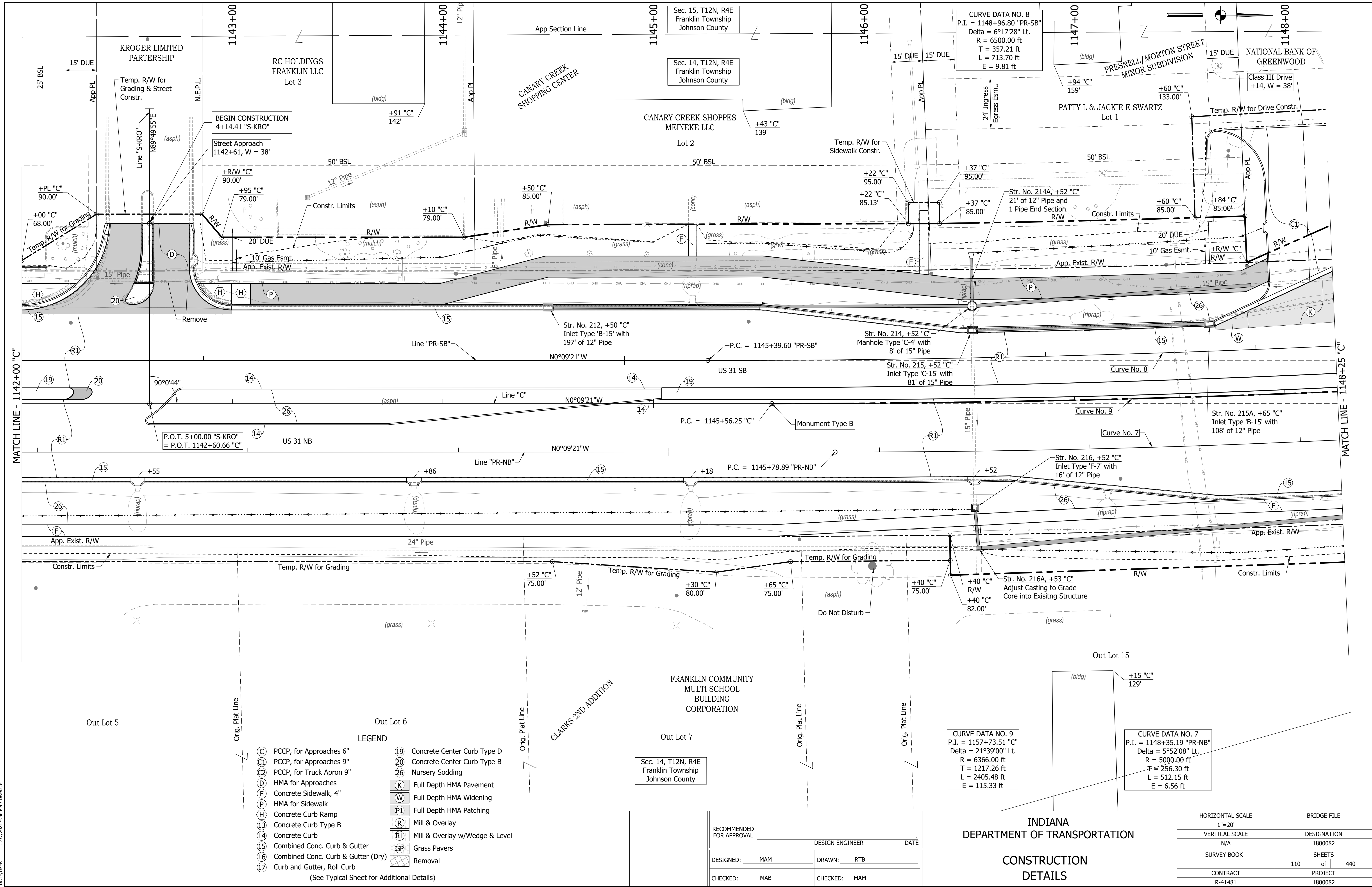
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CHECKED: MAB	CHECKED: MAM	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	109 of 440
CONTRACT	PROJECT
R-41481	1800082

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LEGEND

(C) PCCP, for Approaches 6"	(19) Concrete Center Curb Type D
(C1) PCCP, for Approaches 9"	(20) Concrete Center Curb Type B
(C2) PCCP, for Truck Apron 9"	(26) Nursery Sodding
(D) HMA for Approaches	(K) Full Depth HMA Pavement
(F) Concrete Sidewalk, 4"	(W) Full Depth HMA Widening
(P) HMA for Sidewalk	(P1) Full Depth HMA Patching
(H) Concrete Curb Ramp	(R) Mill & Overlay
(13) Concrete Curb Type B	(R1) Mill & Overlay w/Wedge & Level
(14) Concrete Curb	(GP) Grass Pavers
(15) Combined Conc. Curb & Gutter	(Remove) Removal
(16) Combined Conc. Curb & Gutter (Dry)	
(17) Curb and Gutter, Roll Curb	

(See Typical Sheet for Additional Details)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

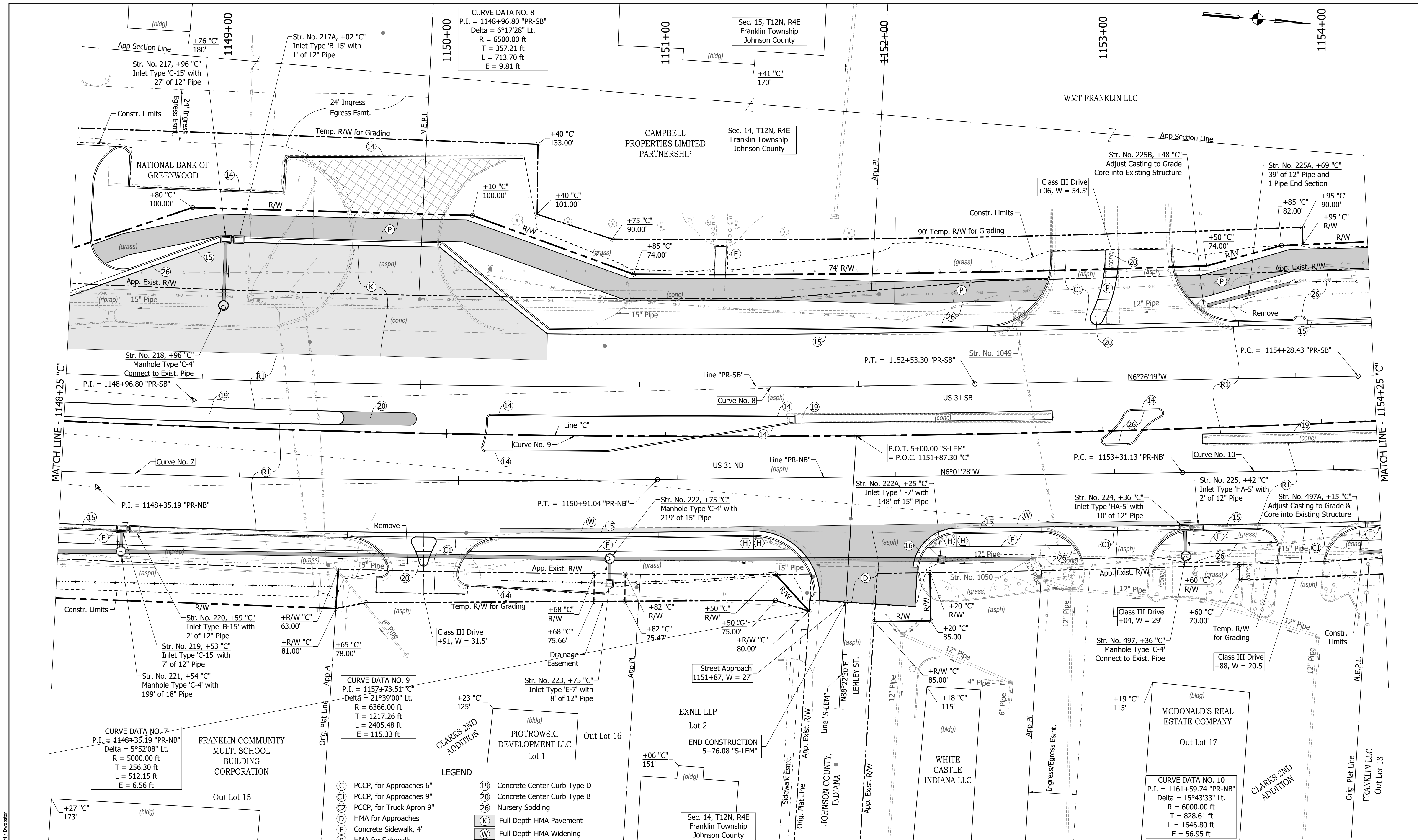
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	110 of 440
CONTRACT	PROJECT
R-41481	1800082

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CURVE DATA NO. 8
 P.I. = 1148+96.80 "PR-SB"
 Delta = 6°17'28" Lt.
 R = 6500.00 ft
 T = 357.21 ft
 L = 713.70 ft
 E = 9.81 ft

CURVE DATA NO. 7
 P.I. = 1148+35.19 "PR-NB"
 Delta = 5°52'08" Lt.
 R = 5000.00 ft
 T = 256.30 ft
 L = 512.15 ft
 E = 6.56 ft

CURVE DATA NO. 9
 P.I. = 1157+73.51 "C"
 Delta = 21°39'00" Lt.
 R = 6366.00 ft
 T = 1217.26 ft
 L = 2405.48 ft
 E = 115.33 ft

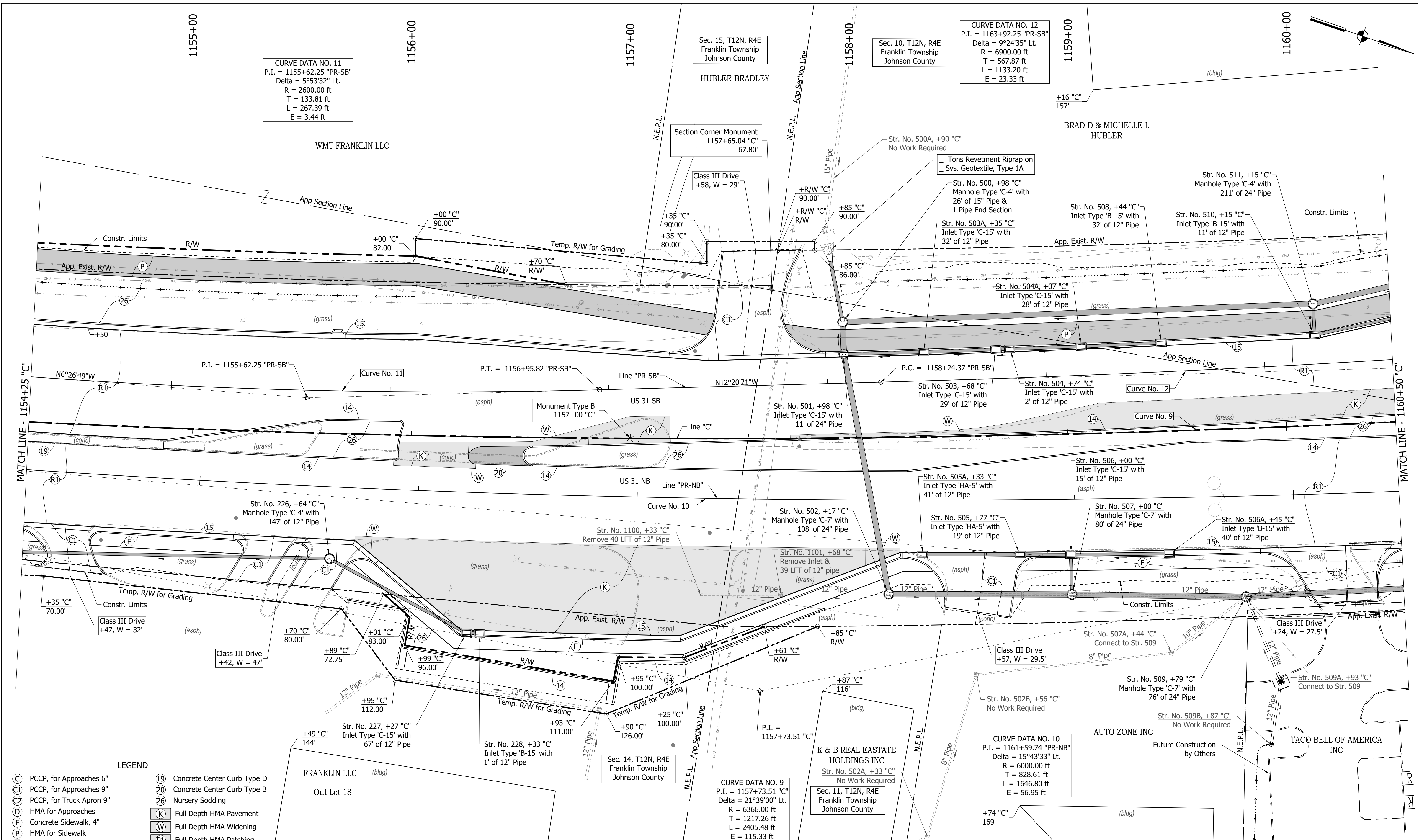
CURVE DATA NO. 10
 P.I. = 1161+59.74 "PR-NB"
 Delta = 15°43'33" Lt.
 R = 6000.00 ft
 T = 828.61 ft
 L = 1646.80 ft
 E = 56.95 ft

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
 DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION
 DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082



CURVE DATA NO. 11
 P.I. = 1155+62.25 "PR-SB"
 Delta = 5°53'32" Lt.
 R = 2600.00 ft
 T = 133.81 ft
 L = 267.39 ft
 E = 3.44 ft

CURVE DATA NO. 12
 P.I. = 1163+92.25 "PR-SB"
 Delta = 9°24'35" Lt.
 R = 6900.00 ft
 T = 567.87 ft
 L = 1133.20 ft
 E = 23.33 ft

CURVE DATA NO. 9
 P.I. = 1157+73.51 "C"
 Delta = 21°39'00" Lt.
 R = 6366.00 ft
 T = 1217.26 ft
 L = 2405.48 ft
 E = 115.33 ft

CURVE DATA NO. 10
 P.I. = 1161+59.74 "PR-NB"
 Delta = 15°43'33" Lt.
 R = 6000.00 ft
 T = 828.61 ft
 L = 1646.80 ft
 E = 56.95 ft

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - Removal
- (See Typical Sheet for Additional Details)

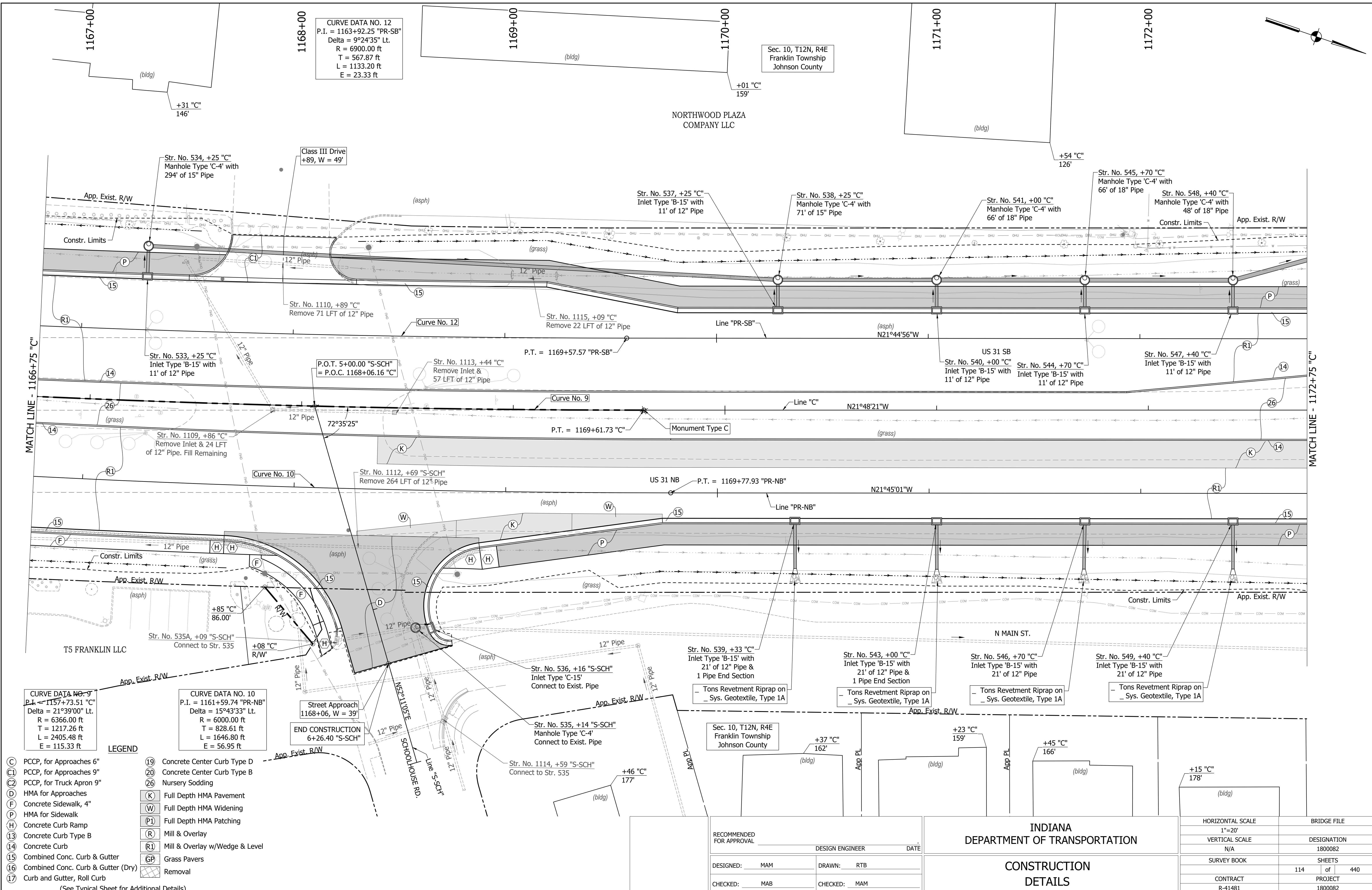
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION
 DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082



CURVE DATA NO. 12
 P.I. = 1163+92.25 "PR-SB"
 Delta = 9°24'35" Lt.
 R = 6900.00 ft
 T = 567.87 ft
 L = 1133.20 ft
 E = 23.33 ft

CURVE DATA NO. 9
 P.I. = 1157+73.51 "C"
 Delta = 21°39'00" Lt.
 R = 6366.00 ft
 T = 1217.26 ft
 L = 2405.48 ft
 E = 115.33 ft

CURVE DATA NO. 10
 P.I. = 1161+59.74 "PR-NB"
 Delta = 15°43'33" Lt.
 R = 6000.00 ft
 T = 828.61 ft
 L = 1646.80 ft
 E = 56.95 ft

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal

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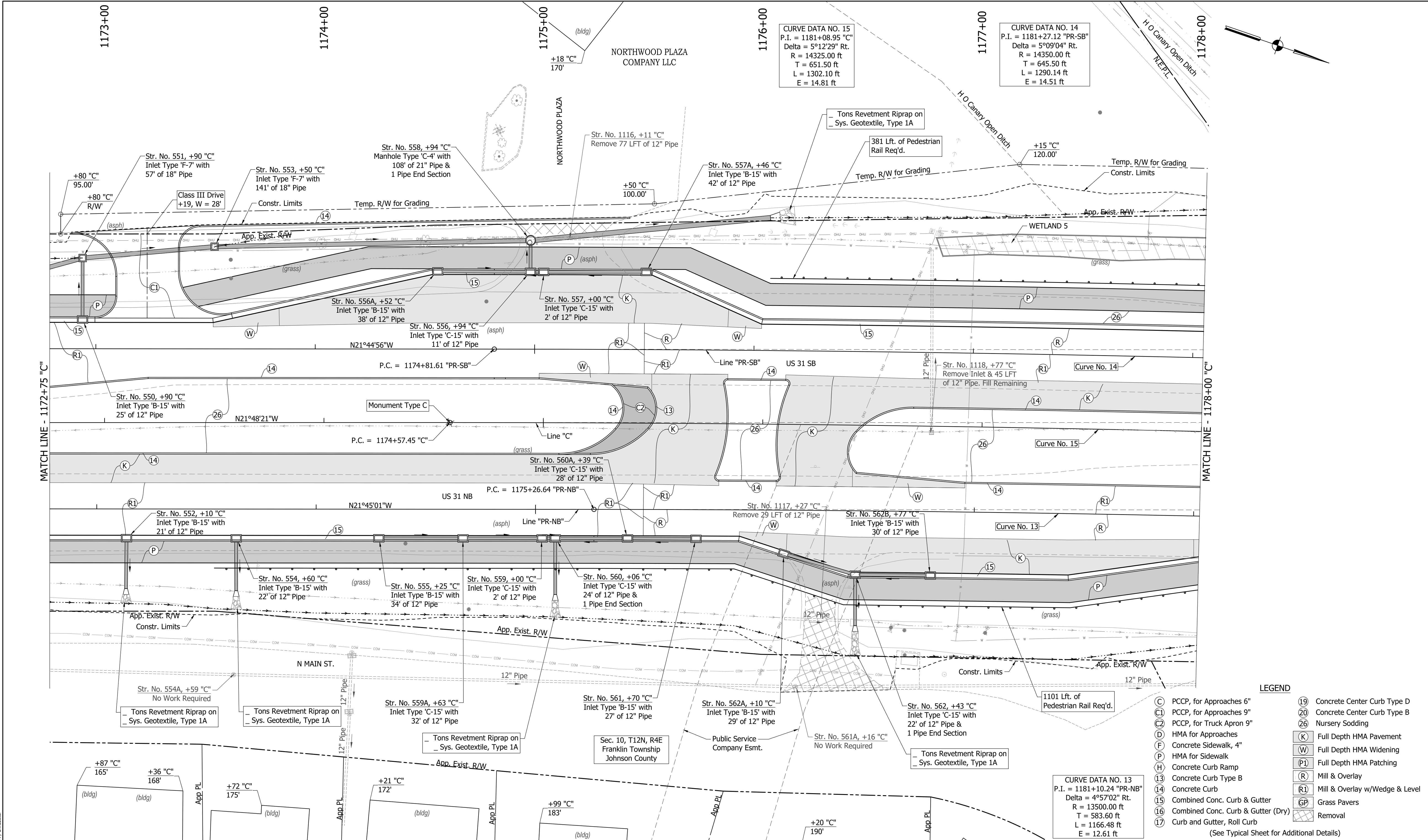
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INDIANA
 DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION
 DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
	114 of 440
CONTRACT	PROJECT
R-41481	1800082

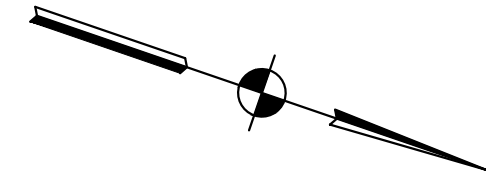
(See Typical Sheet for Additional Details)



CURVE DATA NO. 15
 P.I. = 1181+08.95 "C"
 Delta = 5°12'29" Rt.
 R = 14325.00 ft
 T = 651.50 ft
 L = 1302.10 ft
 E = 14.81 ft

CURVE DATA NO. 14
 P.I. = 1181+27.12 "PR-SB"
 Delta = 5°09'04" Rt.
 R = 14350.00 ft
 T = 645.50 ft
 L = 1290.14 ft
 E = 14.51 ft

CURVE DATA NO. 13
 P.I. = 1181+10.24 "PR-NB"
 Delta = 4°57'02" Rt.
 R = 13500.00 ft
 T = 583.60 ft
 L = 1166.48 ft
 E = 12.61 ft



LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(H)	HMA for Sidewalk	(P)	Full Depth HMA Patching
(R)	Concrete Curb Ramp	(R1)	Mill & Overlay
(13)	Concrete Curb Type B	(R)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(X)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

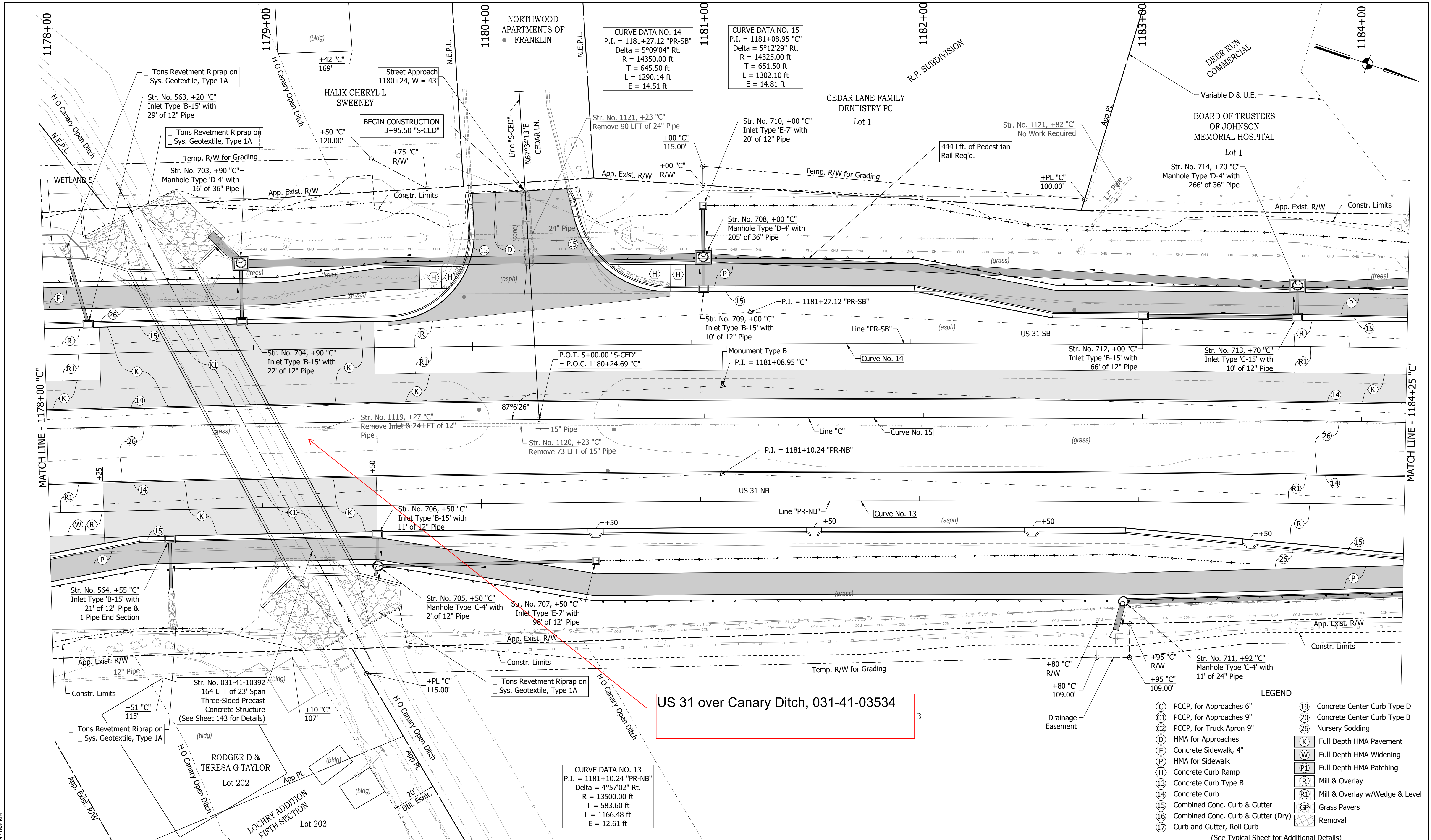
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CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION
CONSTRUCTION
DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082



US 31 over Canary Ditch, 031-41-03534

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (Removal) Removal

(See Typical Sheet for Additional Details)

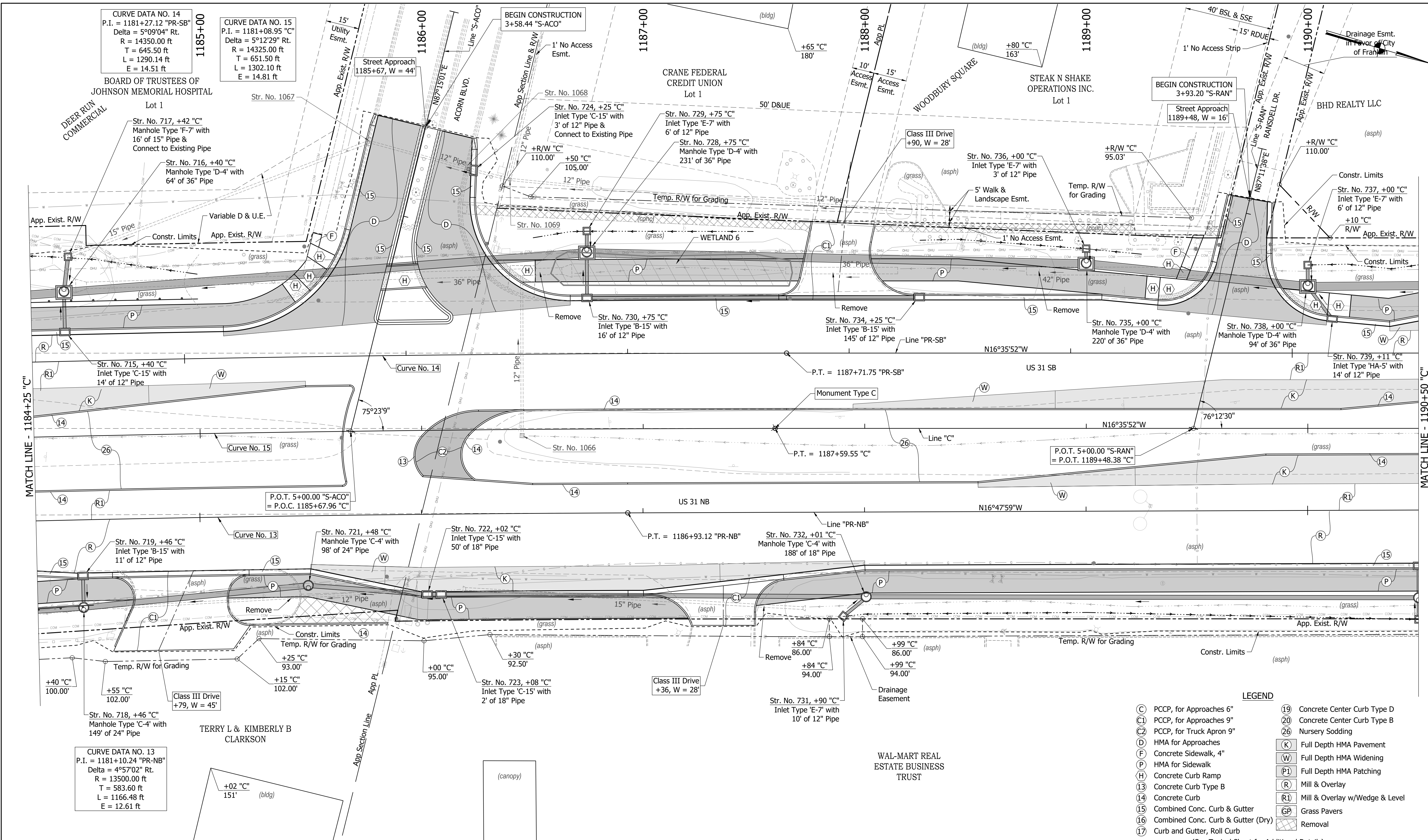
HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	116 of 440
CONTRACT	PROJECT
R-41481	1800082

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION
DETAILS**

DIRECTORY PATH : R:\Active\Franklin, CHYUS 3\Design\CAD\Plans
 FILENAME : CD-SOUTH\1.dwg
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CURVE DATA NO. 14
 P.I. = 1181+27.12 "PR-SB"
 Delta = 5°09'04" Rt.
 R = 14350.00 ft
 T = 645.50 ft
 L = 1290.14 ft
 E = 14.51 ft

CURVE DATA NO. 15
 P.I. = 1181+08.95 "C"
 Delta = 5°12'29" Rt.
 R = 14325.00 ft
 T = 651.50 ft
 L = 1302.10 ft
 E = 14.81 ft

BOARD OF TRUSTEES OF
 JOHNSON MEMORIAL HOSPITAL
 Lot 1

CRANE FEDERAL
 CREDIT UNION
 Lot 1

STEAK N SHAKE
 OPERATIONS INC.
 Lot 1

BHD REALTY LLC

CURVE DATA NO. 13
 P.I. = 1181+10.24 "PR-NB"
 Delta = 4°57'02" Rt.
 R = 13500.00 ft
 T = 583.60 ft
 L = 1166.48 ft
 E = 12.61 ft

TERRY L & KIMBERLY B
 CLARKSON

WAL-MART REAL
 ESTATE BUSINESS
 TRUST

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (H) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (I3) Concrete Curb Type B
 - (I4) Concrete Curb
 - (I5) Combined Conc. Curb & Gutter
 - (I6) Combined Conc. Curb & Gutter (Dry)
 - (I7) Curb and Gutter, Roll Curb
 - (I9) Concrete Center Curb Type D
 - (I20) Concrete Center Curb Type B
 - (I26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (Remove) Removal
- (See Typical Sheet for Additional Details)

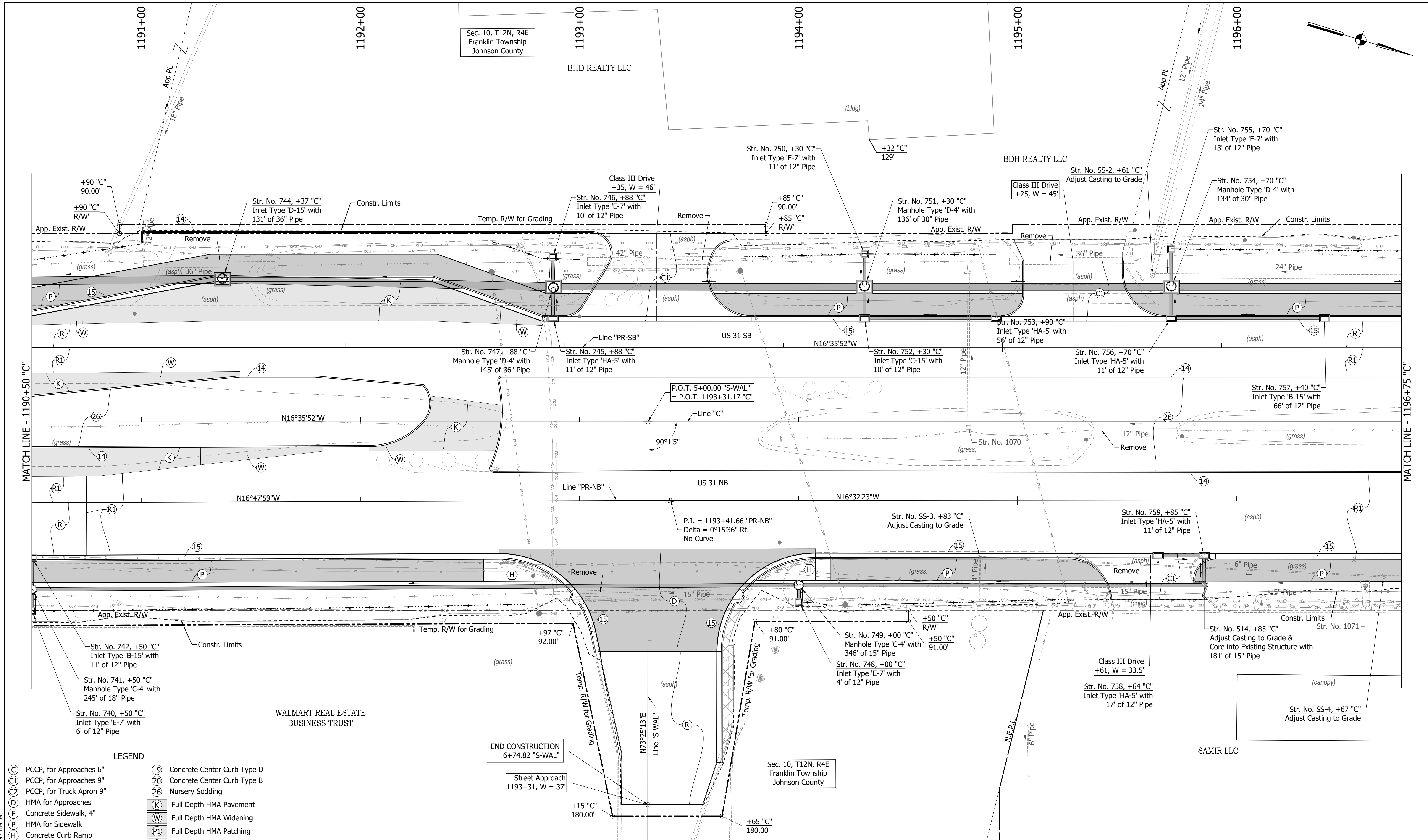
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION
 DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082



- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

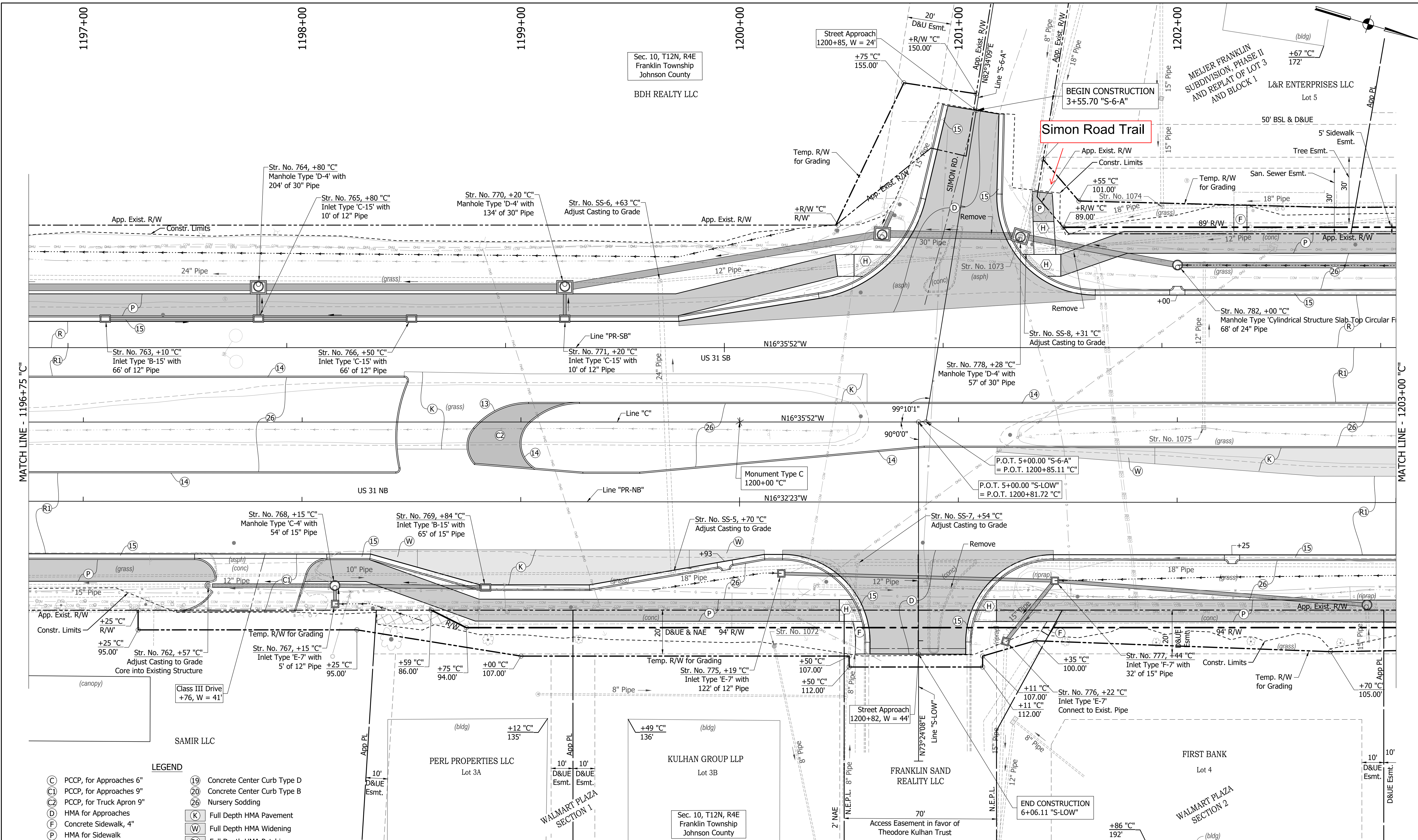
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CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082

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 DATE/TIME : 3/17/2022 4:38 PM / Theomet

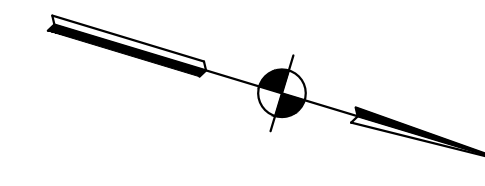
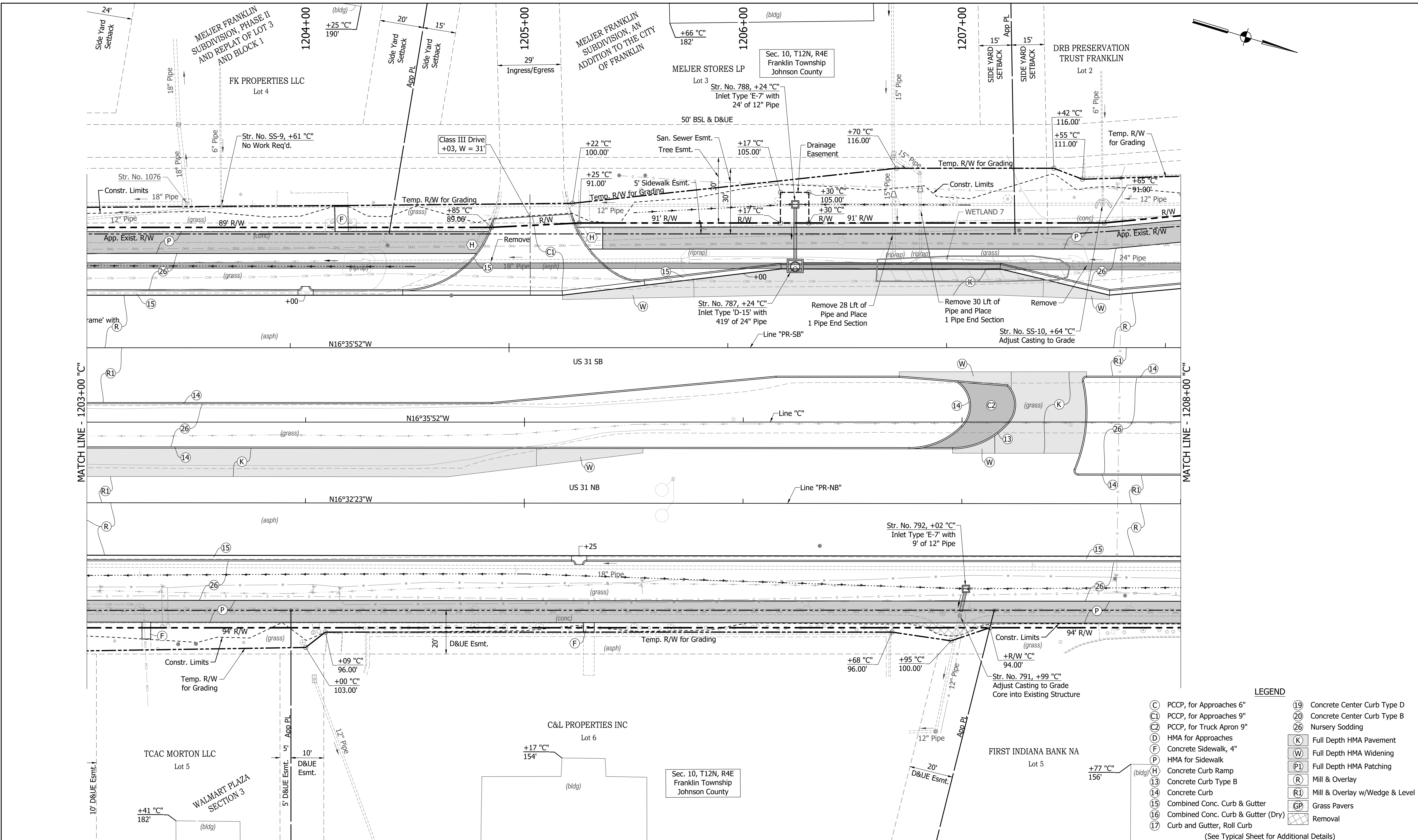
- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA DEPARTMENT OF TRANSPORTATION
CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	119 of 440
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin, Chy\US 31\Design\CAD\Plans
 FILENAME : CD-NORTH.dwg
 DATE/TIME : 3/17/2022 4:38 PM / Theamst



LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(P)	HMA for Sidewalk	(P1)	Full Depth HMA Patching
(H)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(X)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

(See Typical Sheet for Additional Details)

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

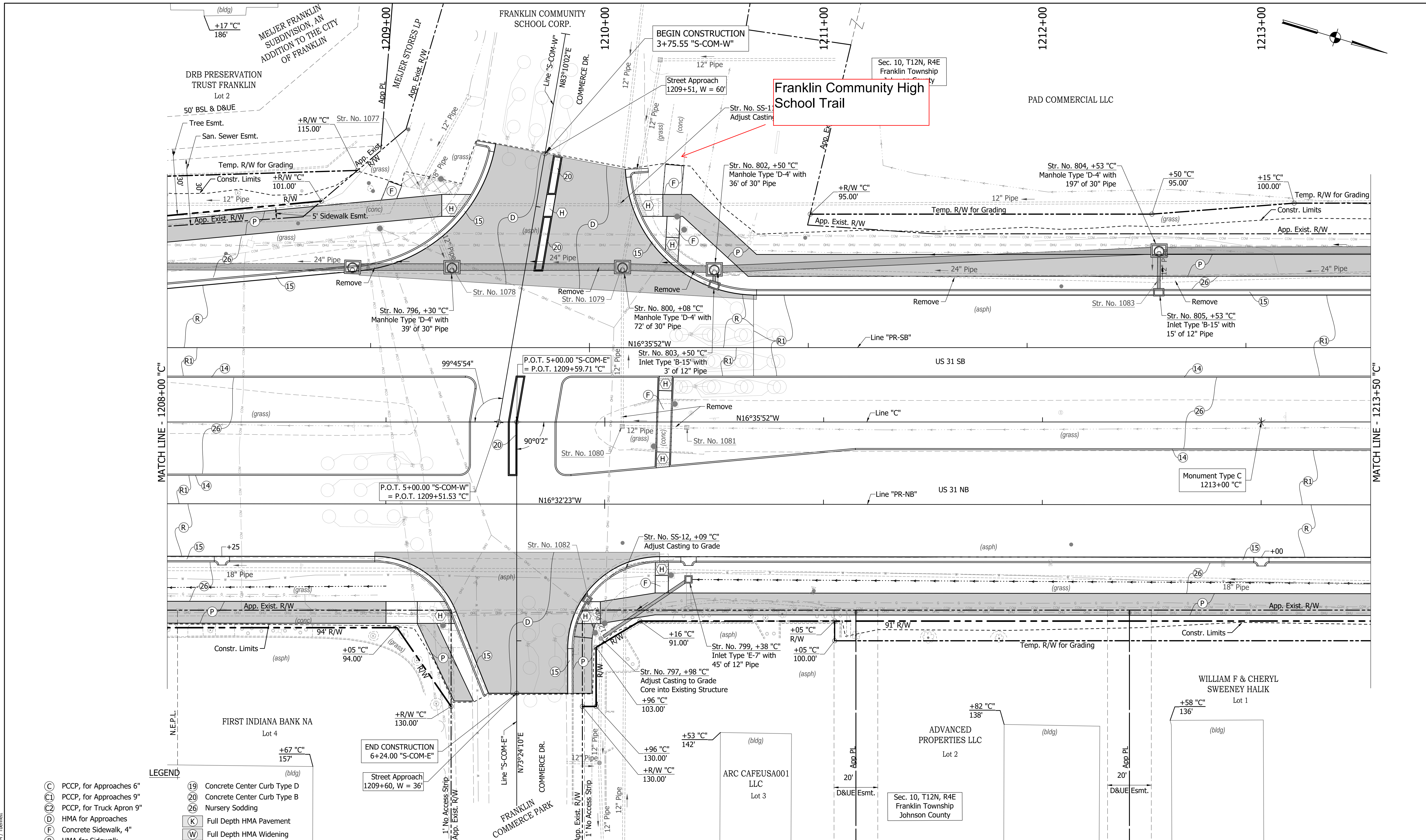
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	120 of 440
CONTRACT	PROJECT
R-41481	1800082

3/17/2022 4:38 PM / TheStreet

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (9) PCCP, for Approaches 9"
 - (2) PCCP, for Truck Apron 9"
 - (K) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

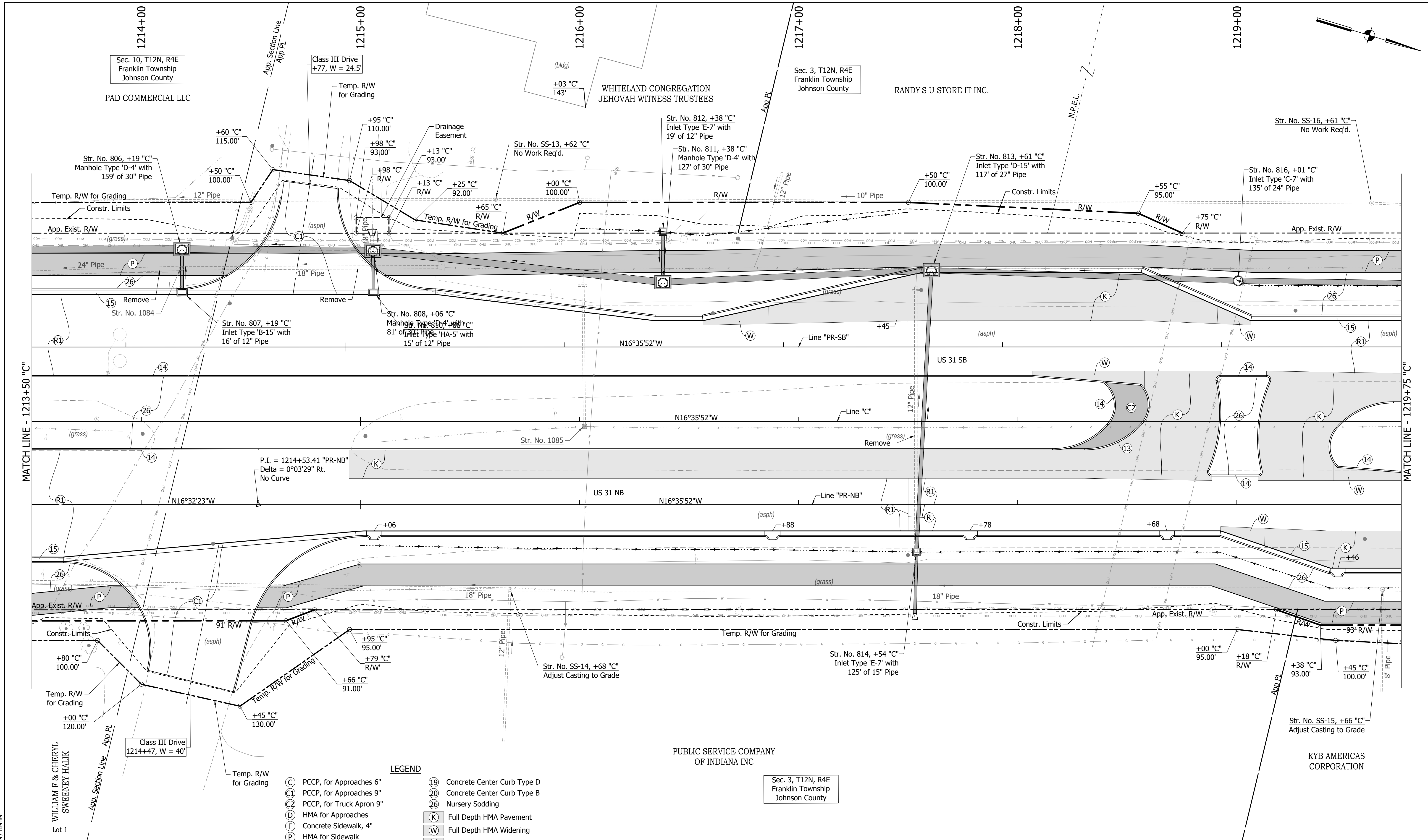


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	121 of 440
CONTRACT	PROJECT
R-41481	1800082



MATCH LINE - 1213+50 "C"

MATCH LINE - 1219+75 "C"

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

PUBLIC SERVICE COMPANY OF INDIANA INC

Sec. 3, T12N, R4E Franklin Township Johnson County

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

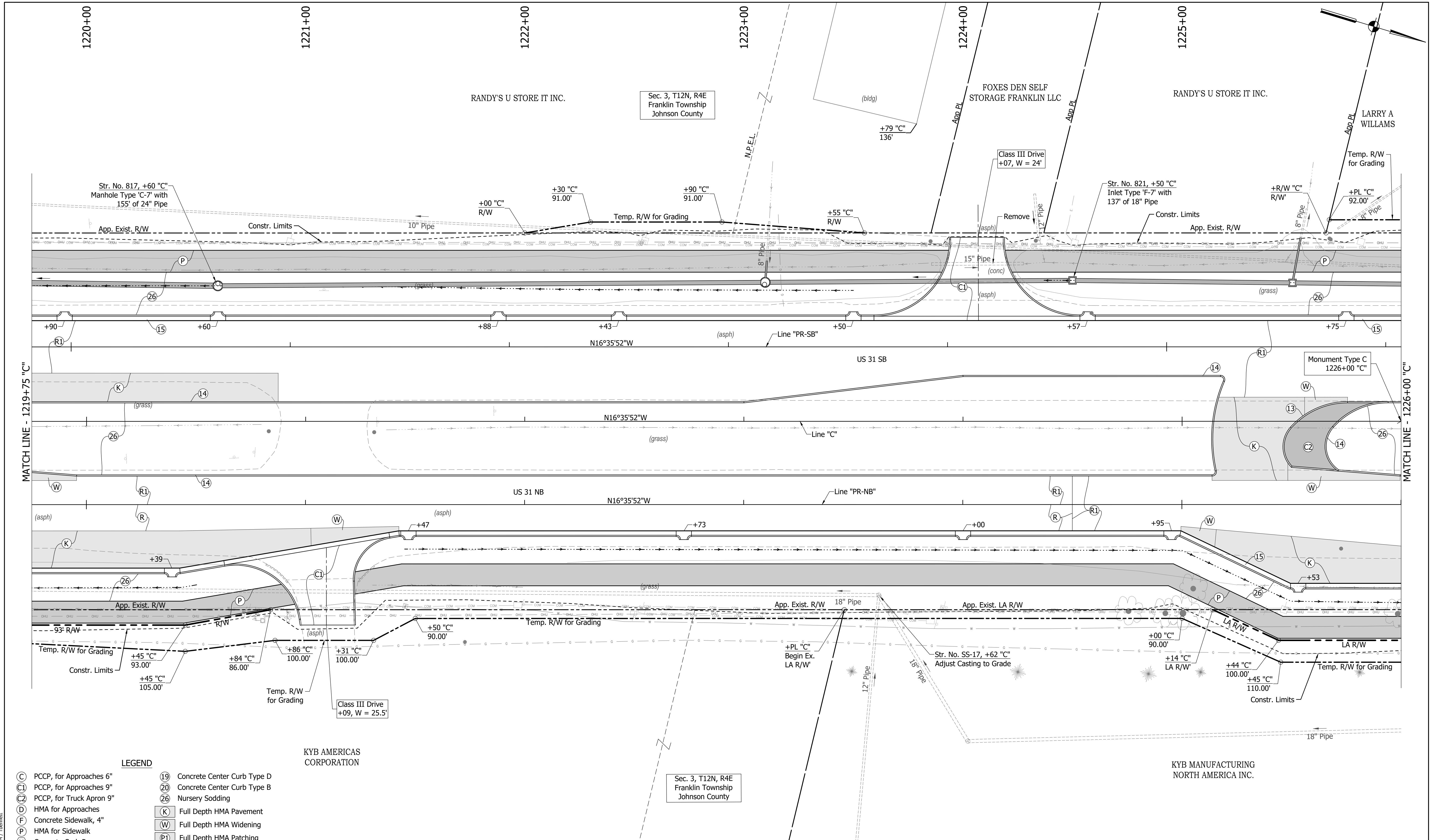
INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	122 of 440
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin, OH\105 31\Design\CAD\Plans
 FILENAME : CD-NORTH.dwg
 DATE/TIME : 3/17/2022 4:38 PM / Theanet
 USER : DANIEL DORSEY

WILLIAM F & CHERYL SWENEY HALIK Lot 1



- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

DIRECTORY PATH : R:\Active\Franklin_Civil\31\Design\CAD\Plans
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 DATE/TIME : 3/17/2022 4:38 PM / Theomet

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

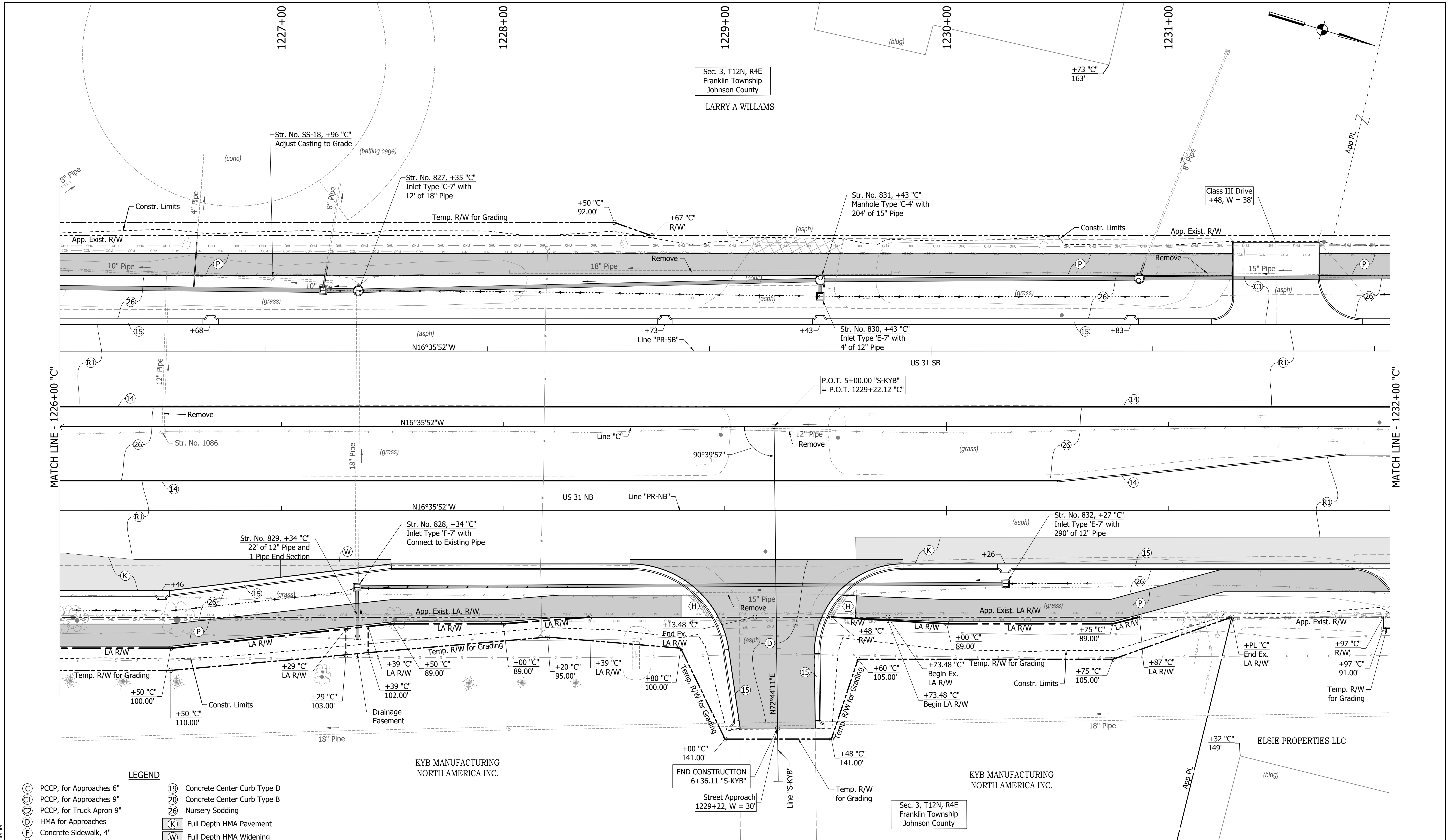
INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION
DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	123 of 440
CONTRACT	PROJECT
R-41481	1800082

Sec. 3, T12N, R4E
Franklin Township
Johnson County

LARRY A WILLIAMS



MATCH LINE - 1226+00 "C"

MATCH LINE - 1232+00 "C"

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C) PCCP, for Approaches 9"
 - (C) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal

(See Typical Sheet for Additional Details)

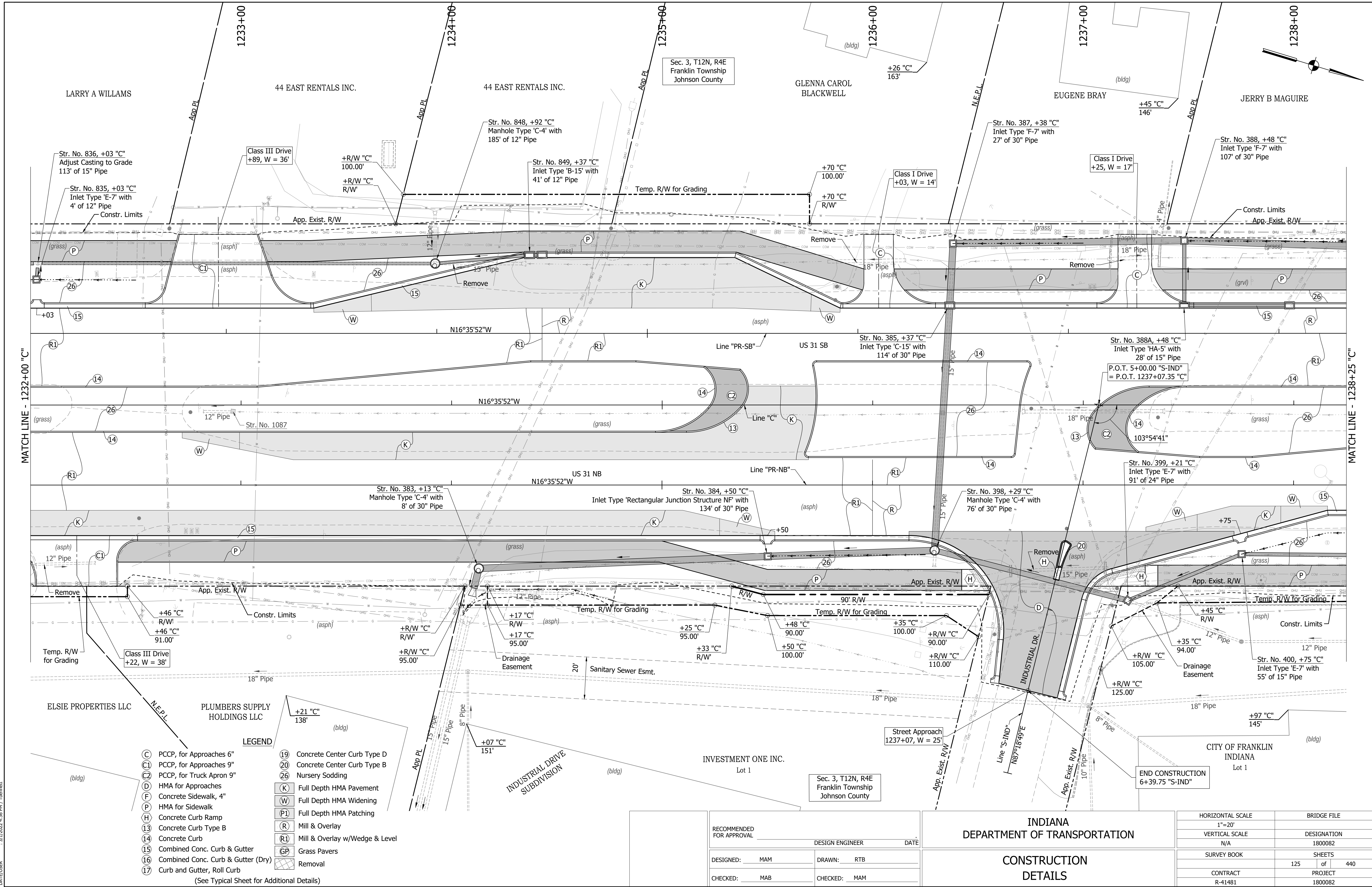
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	124 of 440
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin_Civil\US 31\Design\CAD\Plans
 FILENAME : CD-NORTH.dwg
 DATE/TIME : 3/17/2022 4:38 PM / Theamst



MATCH LINE - 1232+00 "C"

MATCH LINE - 1238+25 "C"

- | | | | |
|------|------------------------------------|------|--------------------------------|
| (C) | PCCP, for Approaches 6" | (19) | Concrete Center Curb Type D |
| (C1) | PCCP, for Approaches 9" | (20) | Concrete Center Curb Type B |
| (C2) | PCCP, for Truck Apron 9" | (26) | Nursery Sodding |
| (D) | HMA for Approaches | (K) | Full Depth HMA Pavement |
| (F) | Concrete Sidewalk, 4" | (W) | Full Depth HMA Widening |
| (P) | HMA for Sidewalk | (P1) | Full Depth HMA Patching |
| (H) | Concrete Curb Ramp | (R) | Mill & Overlay |
| (13) | Concrete Curb Type B | (R1) | Mill & Overlay w/Wedge & Level |
| (14) | Concrete Curb | (GP) | Grass Pavers |
| (15) | Combined Conc. Curb & Gutter | (X) | Removal |
| (16) | Combined Conc. Curb & Gutter (Dry) | | |
| (17) | Curb and Gutter, Roll Curb | | |

(See Typical Sheet for Additional Details)

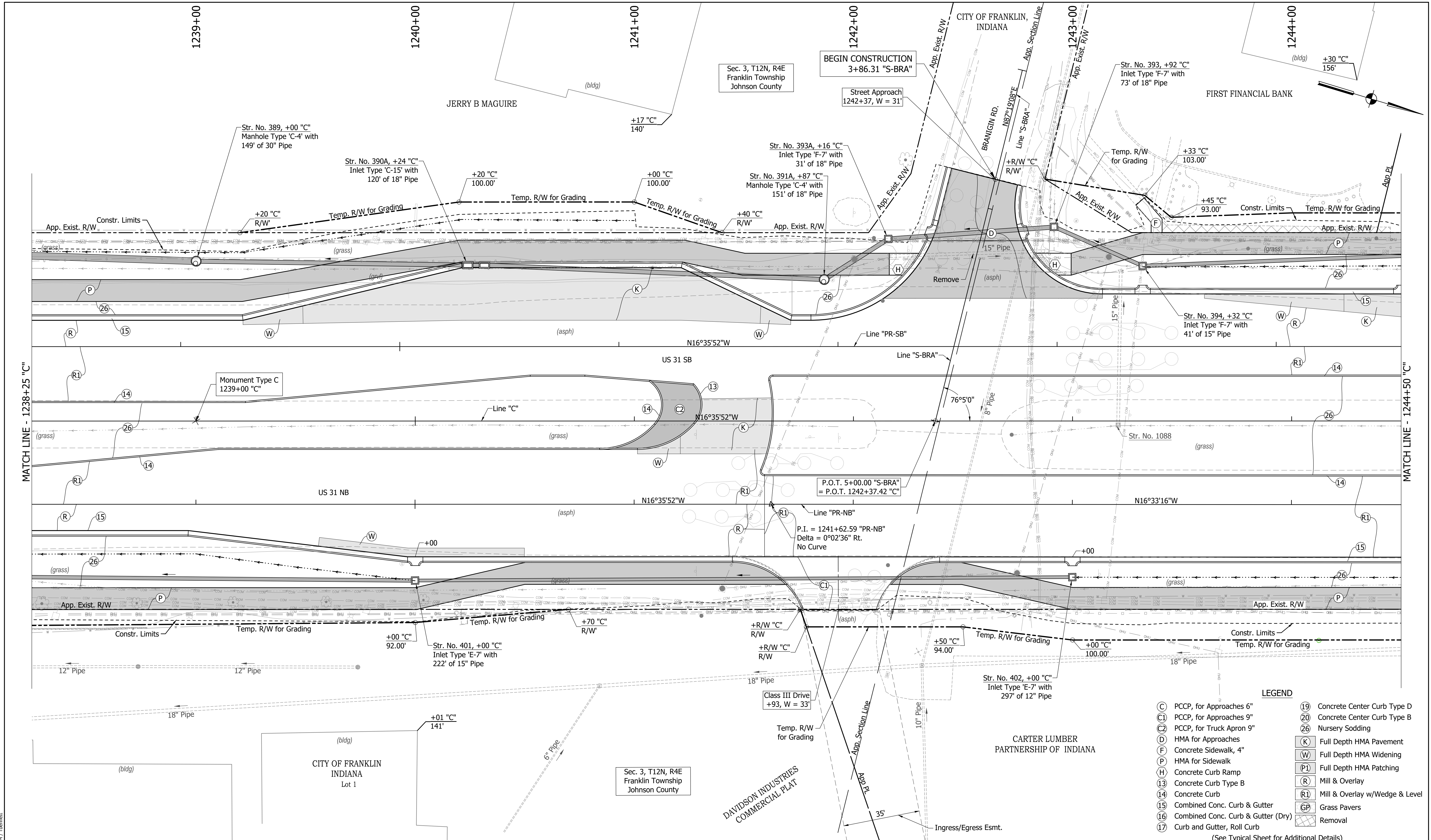
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DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	125 of 440
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin, CIVIL\3\Design\CAD\Plans
 FILENAME : CD-NORTH\4.dwg
 DATE/TIME : 3/17/2022 4:38 PM / Theomet



LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(P)	HMA for Sidewalk	(P1)	Full Depth HMA Patching
(H)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(GP)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

(See Typical Sheet for Additional Details)

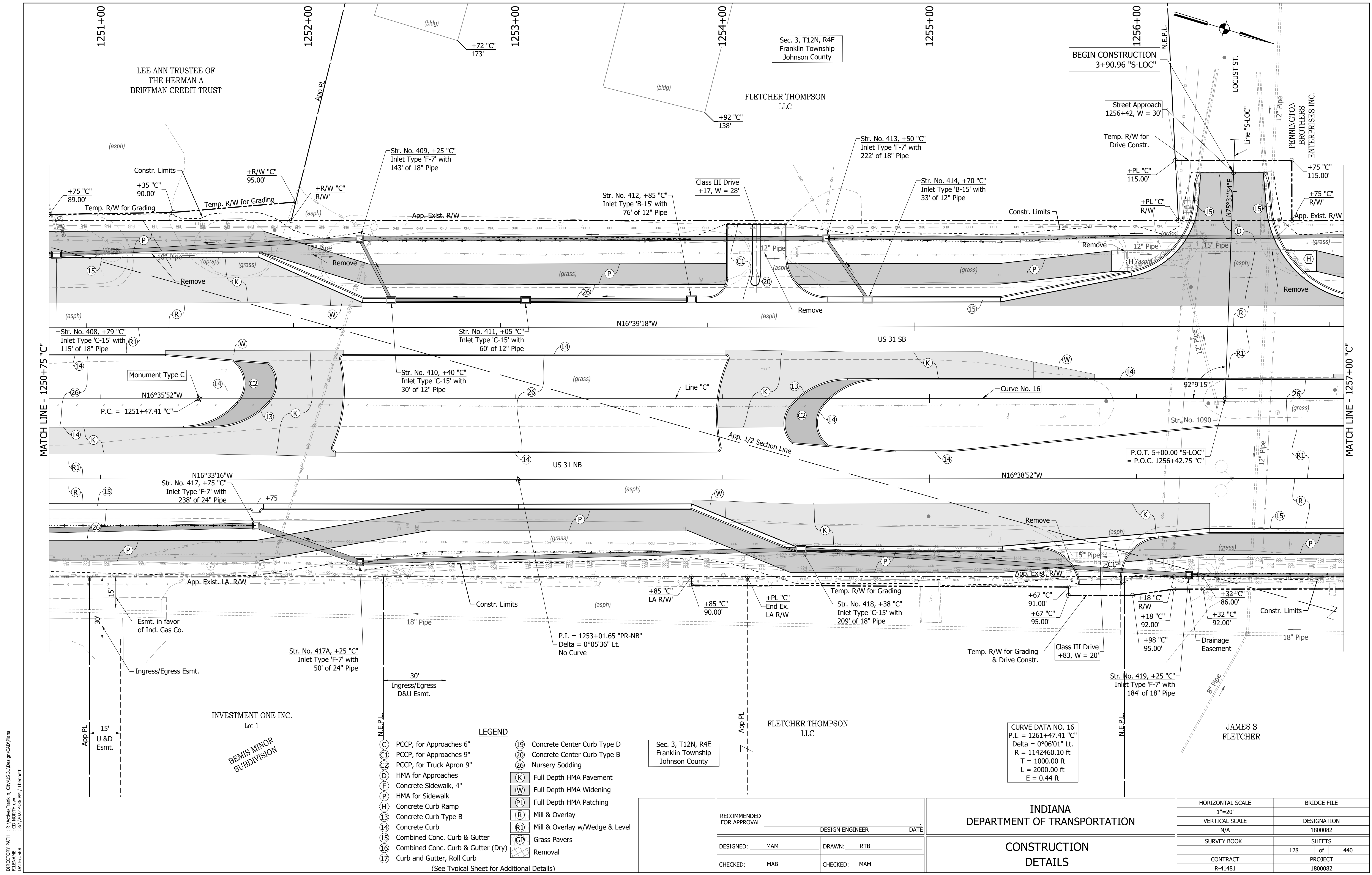
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	126 of 440
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin, CIV\US 31\Design\CAD\Plans
 FILENAME : CD-NORTH\1.dwg
 DATE/TIME : 3/17/2022 4:38 PM / Theomet



MATCH LINE - 1250+75 "C"

MATCH LINE - 1257+00 "C"

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

CURVE DATA NO. 16
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 Delta = 0°06'01" Lt.
 R = 1142460.10 ft
 T = 1000.00 ft
 L = 2000.00 ft
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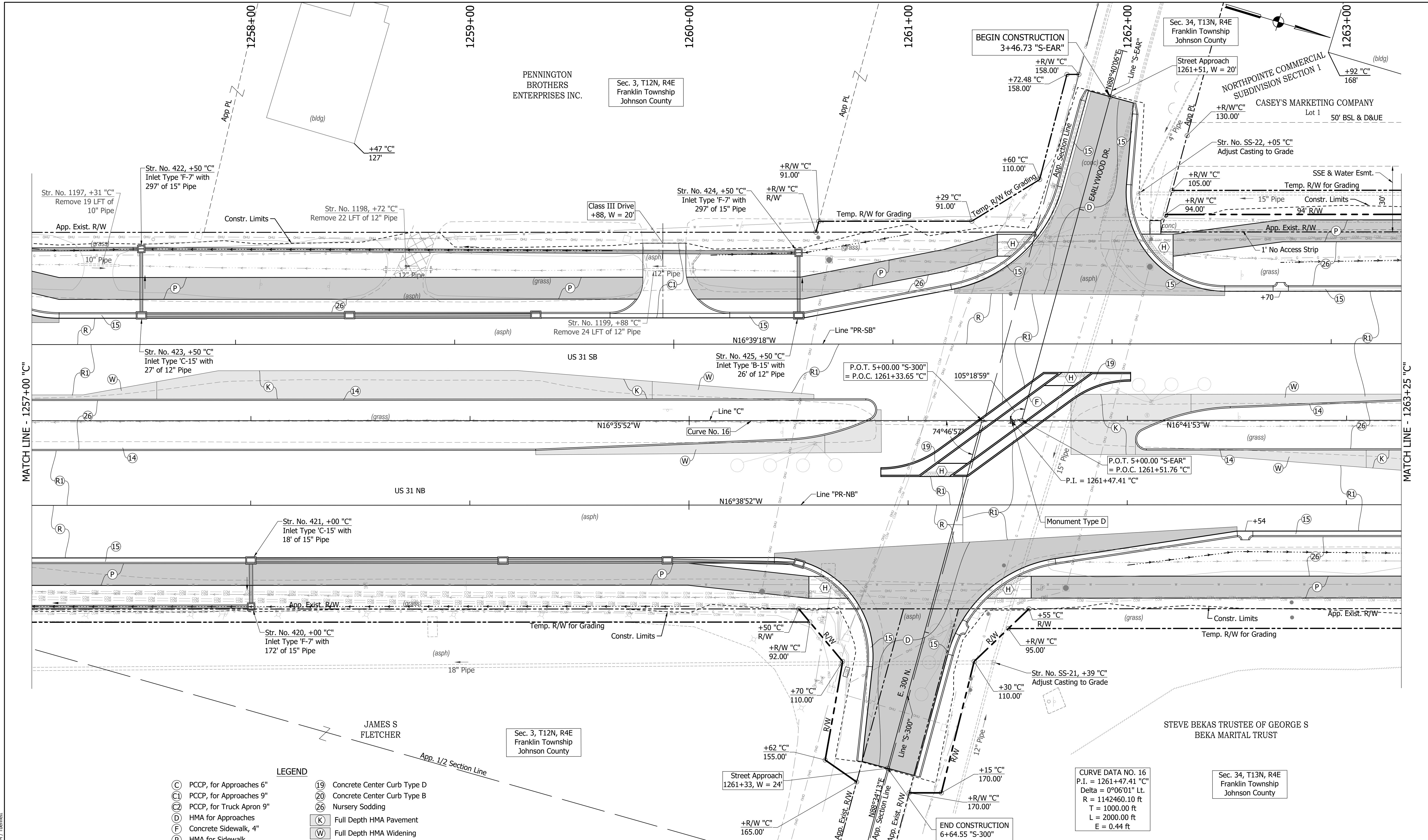
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 DATE/TIME : 3/17/2022 4:38 PM / T:\mstet

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION
DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	128 of 440
CONTRACT	PROJECT
R-41481	1800082



MATCH LINE - 1257+00 "C"

MATCH LINE - 1263+25 "C"

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (H) HMA for Sidewalk
 - (P) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

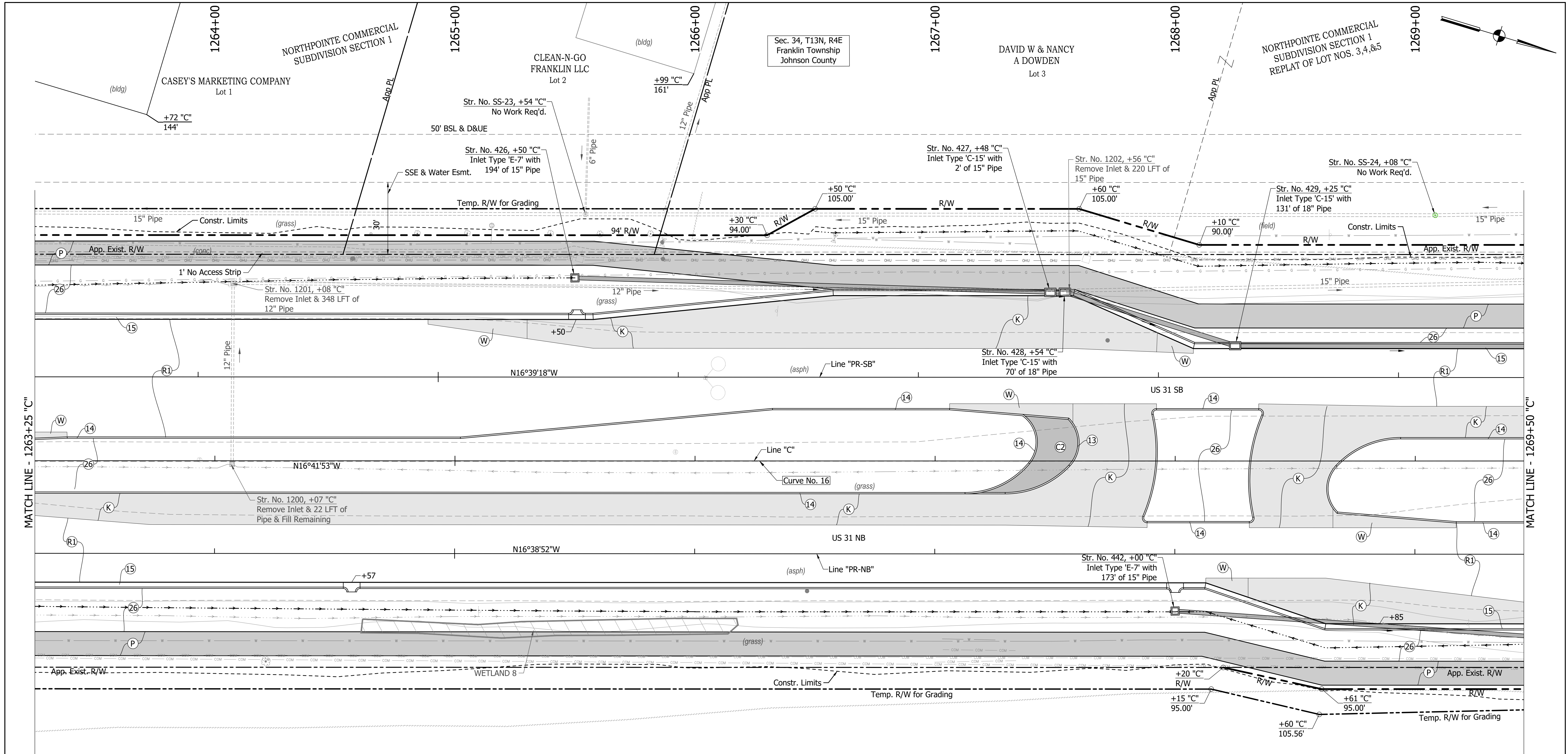
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	129 of 440
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin, OH\105 31\Design\CAD\Plans
 FILENAME : CD-NORTH\105
 DATE/TIME : 3/17/2022 4:38 PM / Theomet



MATCH LINE - 1263+25 'C'

MATCH LINE - 1269+50 'C'

STEVE BEKAS TRUSTEE OF GEORGE S
BEKA MARITAL TRUST

Sec. 34, T13N, R4E
Franklin Township
Johnson County

CURVE DATA NO. 16
P.I. = 1261+47.41 'C'
Delta = 0°06'01" Lt.
R = 1142460.10 ft
T = 1000.00 ft
L = 2000.00 ft
E = 0.44 ft

LEGEND

(C) PCCP, for Approaches 6"	(19) Concrete Center Curb Type D
(C1) PCCP, for Approaches 9"	(20) Concrete Center Curb Type B
(C2) PCCP, for Truck Apron 9"	(26) Nursery Sodding
(D) HMA for Approaches	(K) Full Depth HMA Pavement
(F) Concrete Sidewalk, 4"	(W) Full Depth HMA Widening
(P) HMA for Sidewalk	(P1) Full Depth HMA Patching
(H) Concrete Curb Ramp	(R) Mill & Overlay
(13) Concrete Curb Type B	(R1) Mill & Overlay w/Wedge & Level
(14) Concrete Curb	(GP) Grass Pavers
(15) Combined Conc. Curb & Gutter	(GP) Removal
(16) Combined Conc. Curb & Gutter (Dry)	
(17) Curb and Gutter, Roll Curb	

(See Typical Sheet for Additional Details)

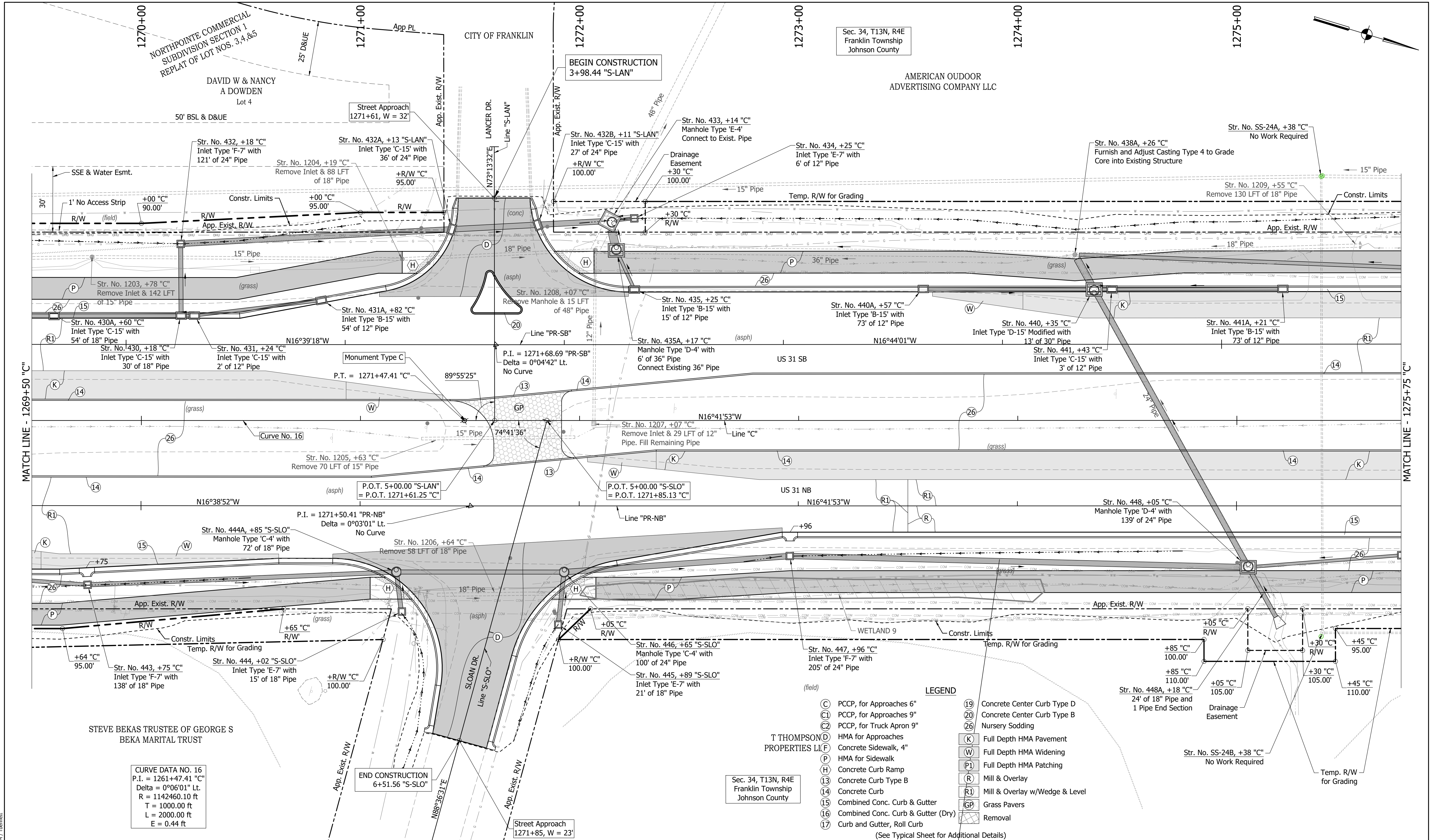
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	130 of 440
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin_City\US 31\Design\CAD\Plans
 FILENAME : CD-NORTH.dwg
 DATE/TIME : 3/7/2022 4:38 PM / Thebmet



CURVE DATA NO. 16
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 R = 1142460.10 ft
 T = 1000.00 ft
 L = 2000.00 ft
 E = 0.44 ft

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (L) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (15) Grass Pavers
 - (GP) Removal
- (See Typical Sheet for Additional Details)

Sec. 34, T13N, R4E
 Franklin Township
 Johnson County

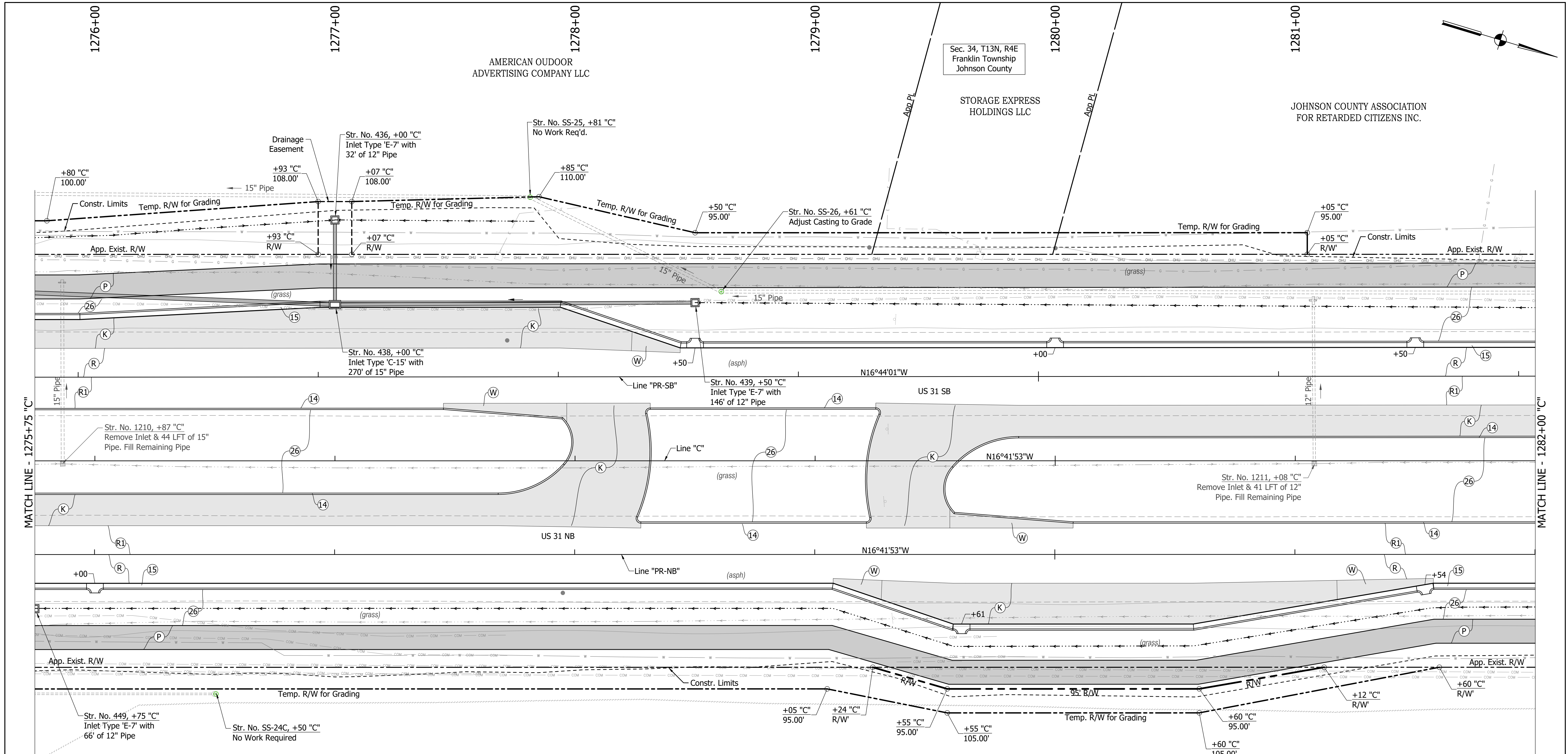
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
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CHECKED: MAB	CHECKED: MAM	

INDIANA
 DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION
 DETAILS**

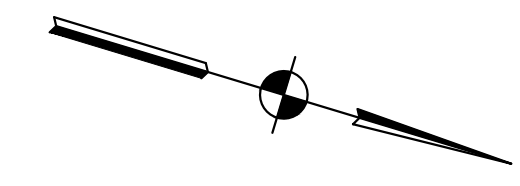
HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	131 of 440
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin, CIVIUS 3\Design\CAD\Plans
 FILENAME : CD-NORTH.dwg
 DATE/TIME : 3/17/2022 4:38 PM / Theomet



MATCH LINE - 1275+75 'C'

MATCH LINE - 1282+00 'C'



- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (GP1) Removal

(See Typical Sheet for Additional Details)

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	132 of 440
CONTRACT	PROJECT
R-41481	1800082

T THOMPSON
PROPERTIES LLC

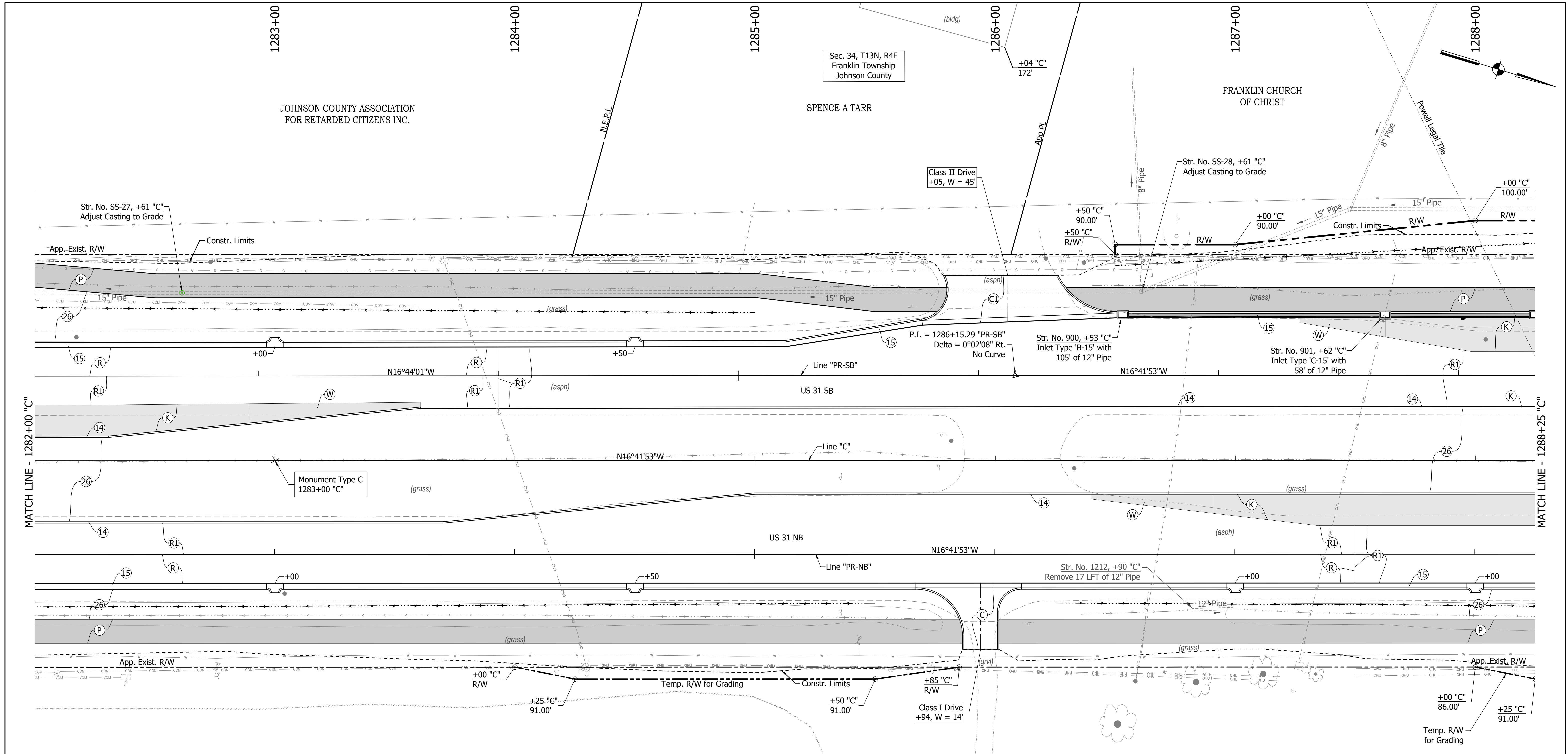
Sec. 34, T13N, R4E
Franklin Township
Johnson County

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INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION
DETAILS

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MATCH LINE - 1282+00 'C'

MATCH LINE - 1288+25 'C'

T THOMPSON
PROPERTIES LLC

LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(P)	HMA for Sidewalk	(P1)	Full Depth HMA Patching
(H)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(X)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

(See Tynical Sheet for Additional Details)

Sec. 34, T13N, R4E
Franklin Township
Johnson County

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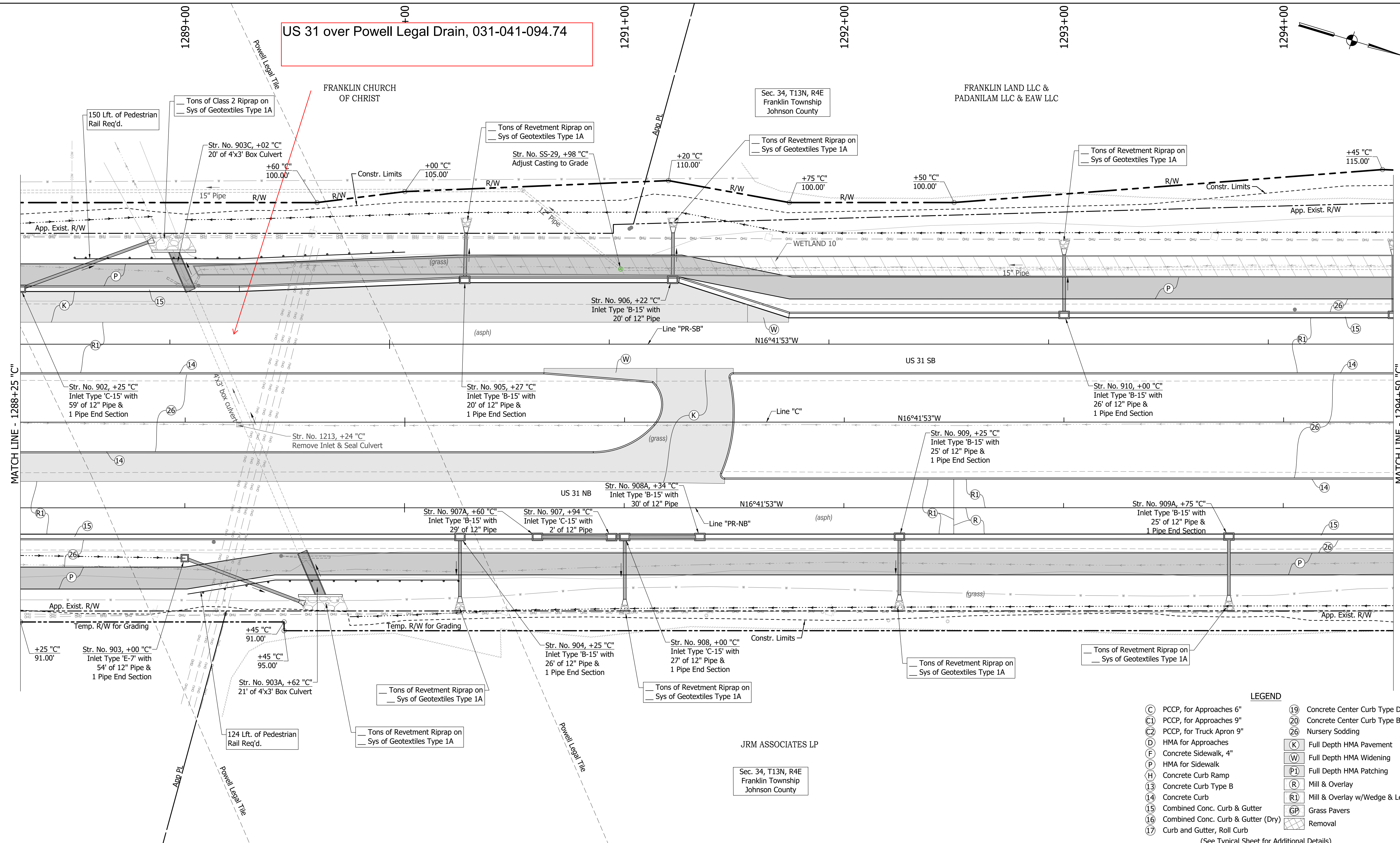
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DEPARTMENT OF TRANSPORTATION

CONSTRUCTION
DETAILS

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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082

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US 31 over Powell Legal Drain, 031-041-094.74



LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(P)	HMA for Sidewalk	(P1)	Full Depth HMA Patching
(H)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(GP)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

(See Typical Sheet for Additional Details)

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JRM ASSOCIATES LP
 Sec. 34, T13N, R4E
 Franklin Township
 Johnson County

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INDIANA
 DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION
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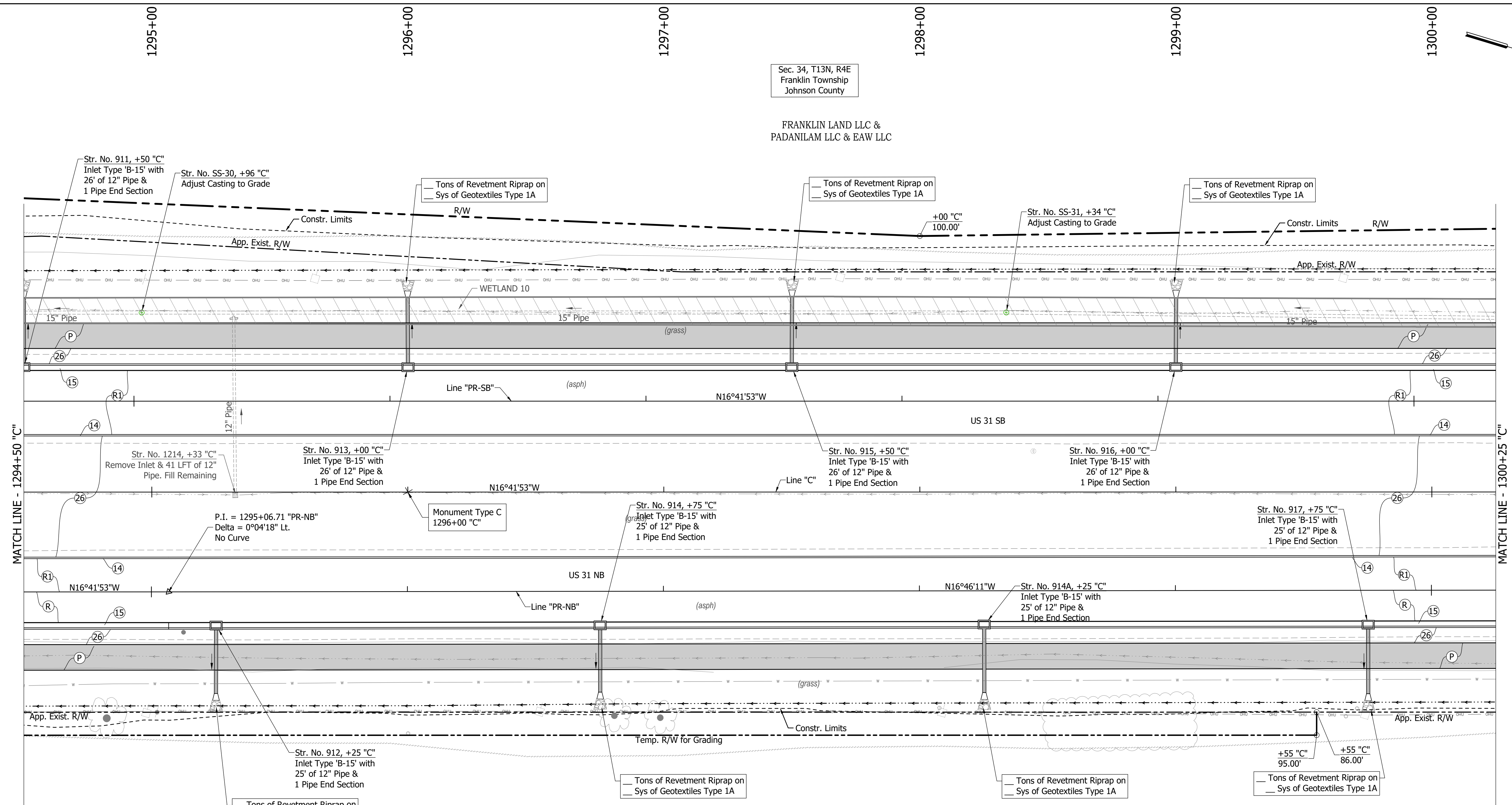
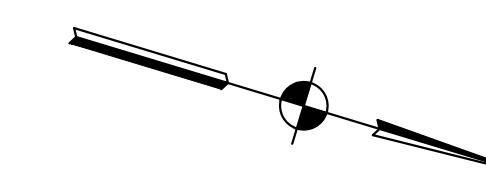
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CONTRACT	PROJECT
R-41481	1800082

Sec. 34, T13N, R4E
Franklin Township
Johnson County

FRANKLIN LAND LLC &
PADANILAM LLC & EAW LLC

JRM ASSOCIATES LP

Sec. 34, T13N, R4E
Franklin Township
Johnson County



LEGEND

(C) PCCP, for Approaches 6"	(19) Concrete Center Curb Type D
(C1) PCCP, for Approaches 9"	(20) Concrete Center Curb Type B
(C2) PCCP, for Truck Apron 9"	(26) Nursery Sodding
(D) HMA for Approaches	(K) Full Depth HMA Pavement
(F) Concrete Sidewalk, 4"	(W) Full Depth HMA Widening
(P) HMA for Sidewalk	(P1) Full Depth HMA Patching
(H) Concrete Curb Ramp	(R) Mill & Overlay
(13) Concrete Curb Type B	(R1) Mill & Overlay w/Wedge & Level
(14) Concrete Curb	(GP) Grass Pavers
(15) Combined Conc. Curb & Gutter	(17) Curb and Gutter, Roll Curb Removal
(16) Combined Conc. Curb & Gutter (Dry)	
(17) Curb and Gutter, Roll Curb	

(See Typical Sheet for Additional Details)

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INDIANA
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION
DETAILS**

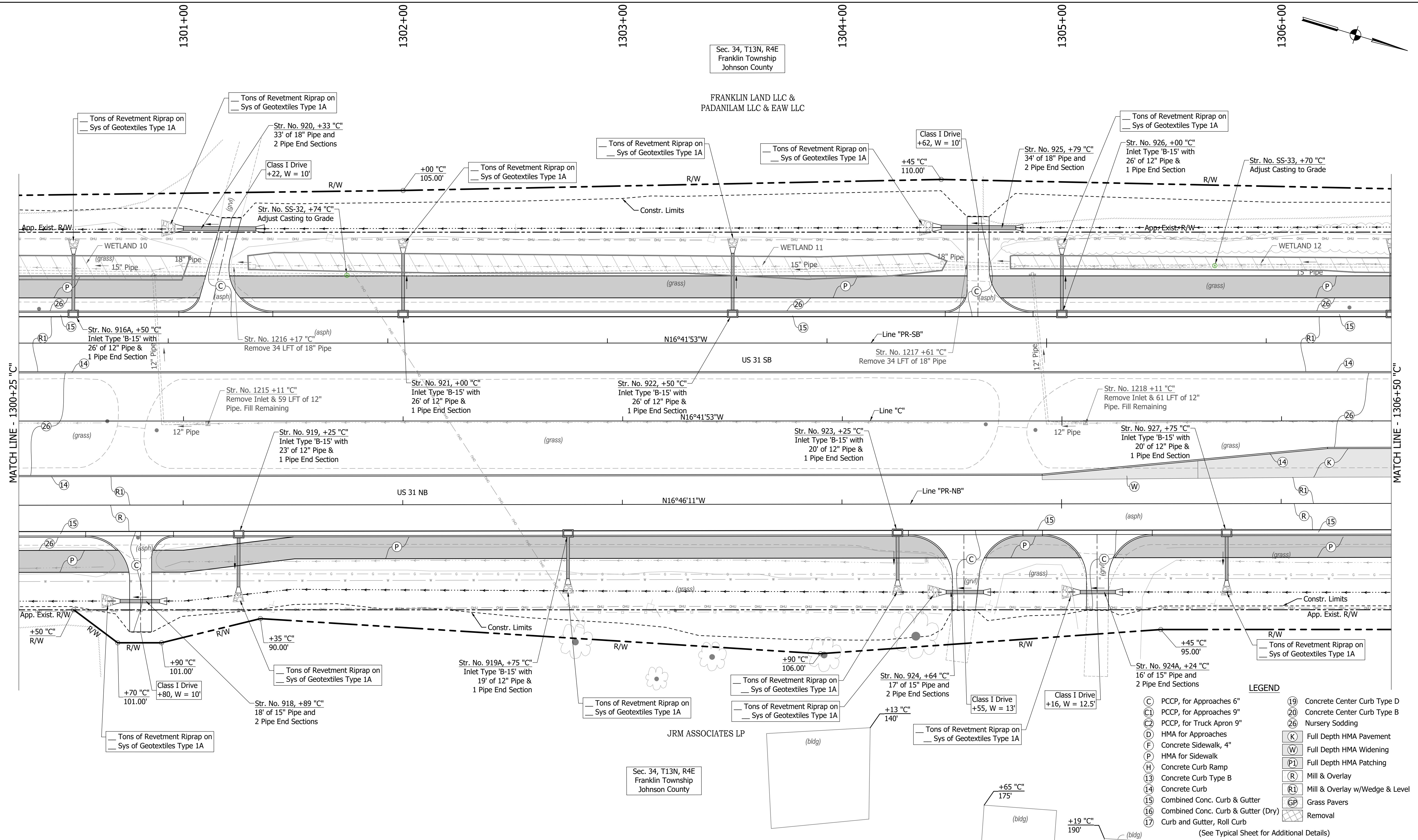
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CONTRACT	PROJECT
R-41481	1800082

Sec. 34, T13N, R4E
Franklin Township
Johnson County

FRANKLIN LAND LLC &
PADANILAM LLC & EAW LLC

JRM ASSOCIATES LP

Sec. 34, T13N, R4E
Franklin Township
Johnson County



LEGEND

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(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(H)	HMA for Sidewalk	(P1)	Full Depth HMA Patching
(I)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(X)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

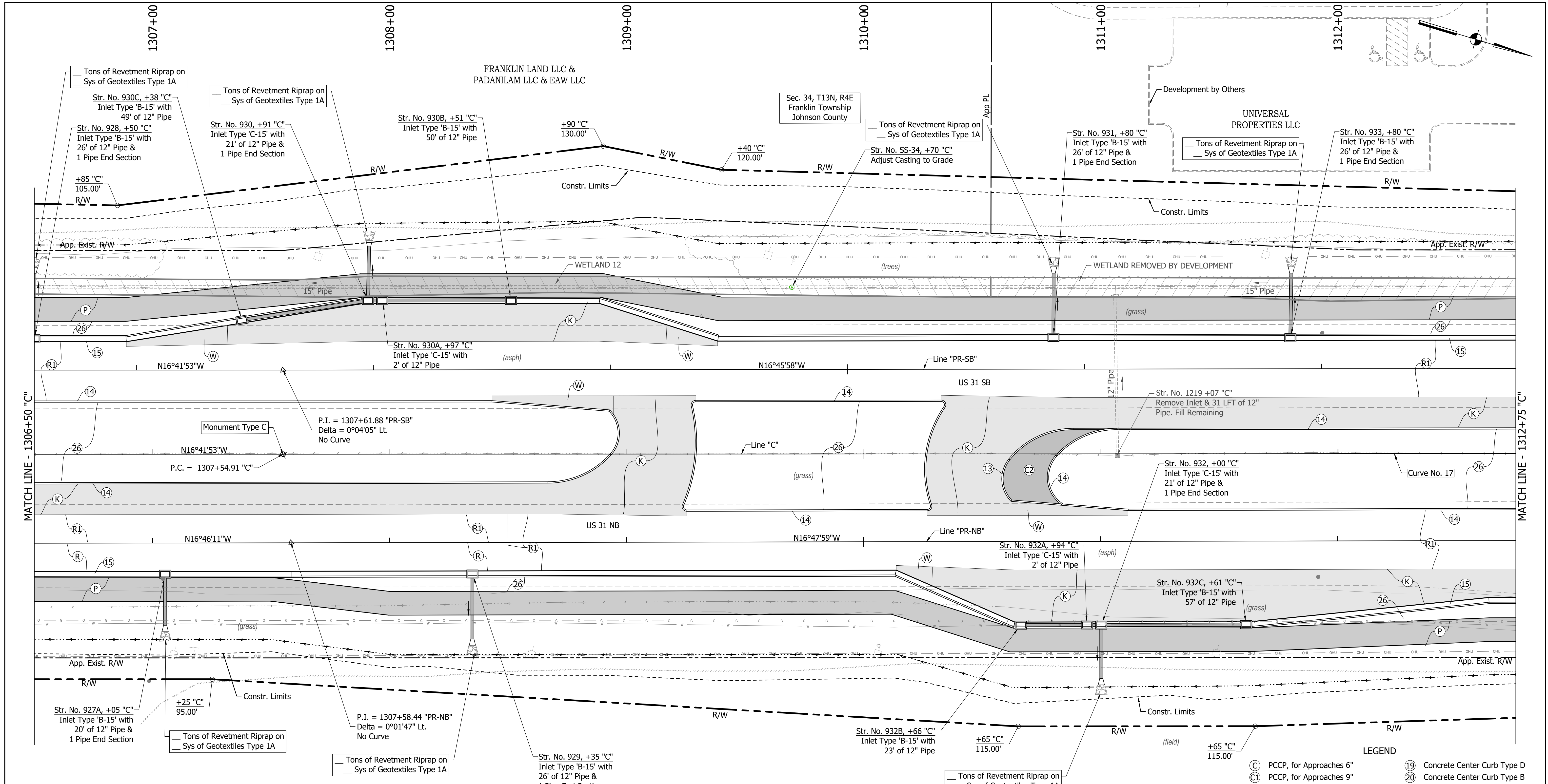
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CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION
**CONSTRUCTION
DETAILS**

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VERTICAL SCALE	DESIGNATION
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CONTRACT	PROJECT
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LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
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(H)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(15)	Combined Conc. Curb & Gutter
(15)	Combined Conc. Curb & Gutter	(16)	Combined Conc. Curb & Gutter (Dry)
(16)	Combined Conc. Curb & Gutter (Dry)	(GP)	Grass Pavers
(17)	Curb and Gutter, Roll Curb	(GP)	Removal

CURVE DATA NO. 17
 P.I. = 1317+54.91 "C"
 Delta = 0°12'00" Lt.
 R = 572959.62 ft
 T = 1000.00 ft
 L = 2000.00 ft
 E = 0.87 ft

JRM ASSOCIATES LP

Sec. 34, T13N, R4E
 Franklin Township
 Johnson County

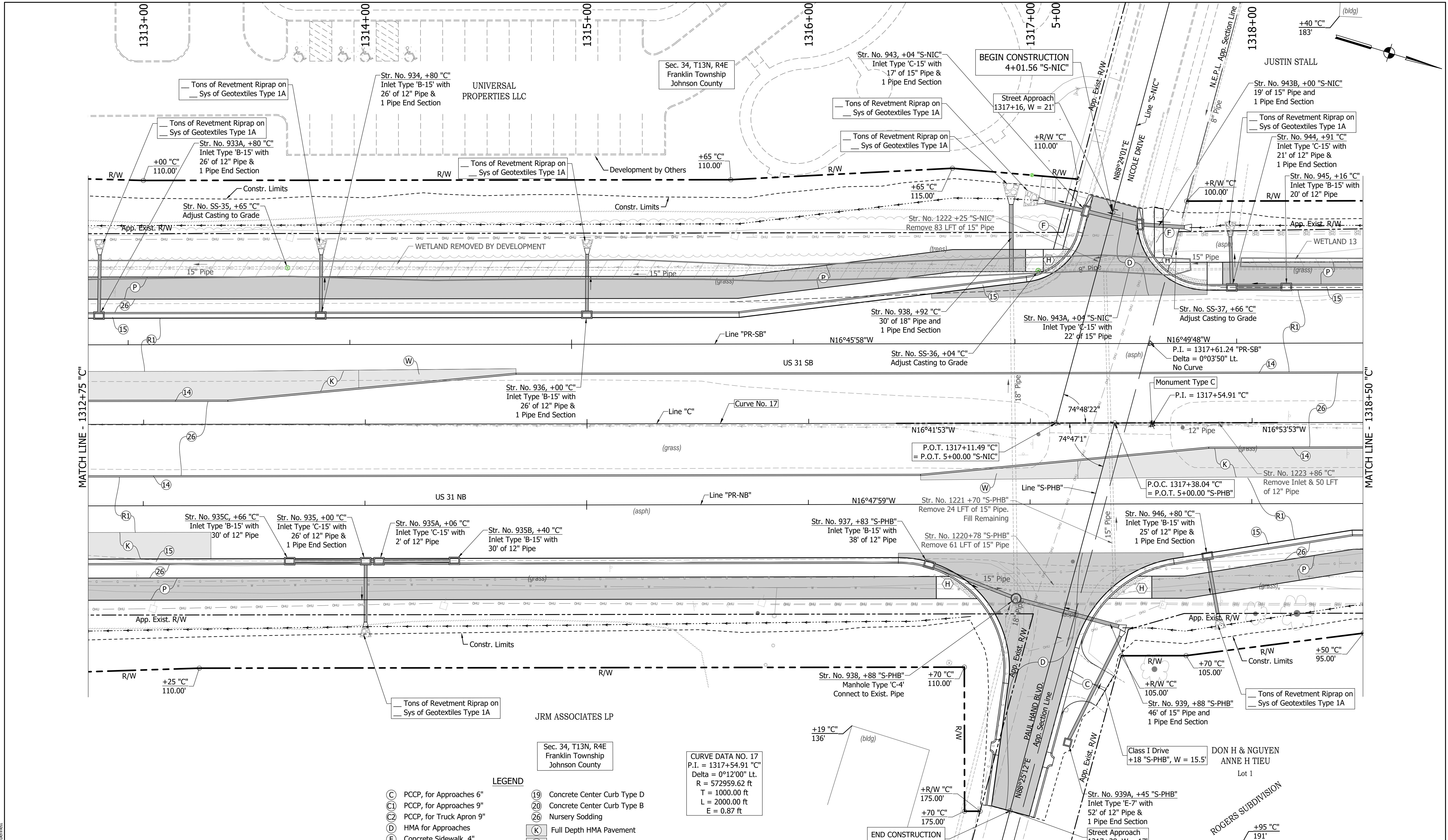
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INDIANA
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION
 DETAILS

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1"=20'	
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin_CIVIL\3\Design\CAD\Plans
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 DATE/TIME : 3/17/2022 4:38 PM / Theomet



MATCH LINE - 1312+75 "C"

MATCH LINE - 1318+50 "C"

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (P) Concrete Sidewalk, 4"
 - (F) HMA for Sidewalk
 - (H) Concrete Curb Ramp
 - (13) Concrete Curb Type B
 - (14) Concrete Curb
 - (15) Combined Conc. Curb & Gutter
 - (16) Combined Conc. Curb & Gutter (Dry)
 - (17) Curb and Gutter, Roll Curb
 - (19) Concrete Center Curb Type D
 - (20) Concrete Center Curb Type B
 - (26) Nursery Sodding
 - (K) Full Depth HMA Pavement
 - (W) Full Depth HMA Widening
 - (P1) Full Depth HMA Patching
 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal
- (See Typical Sheet for Additional Details)

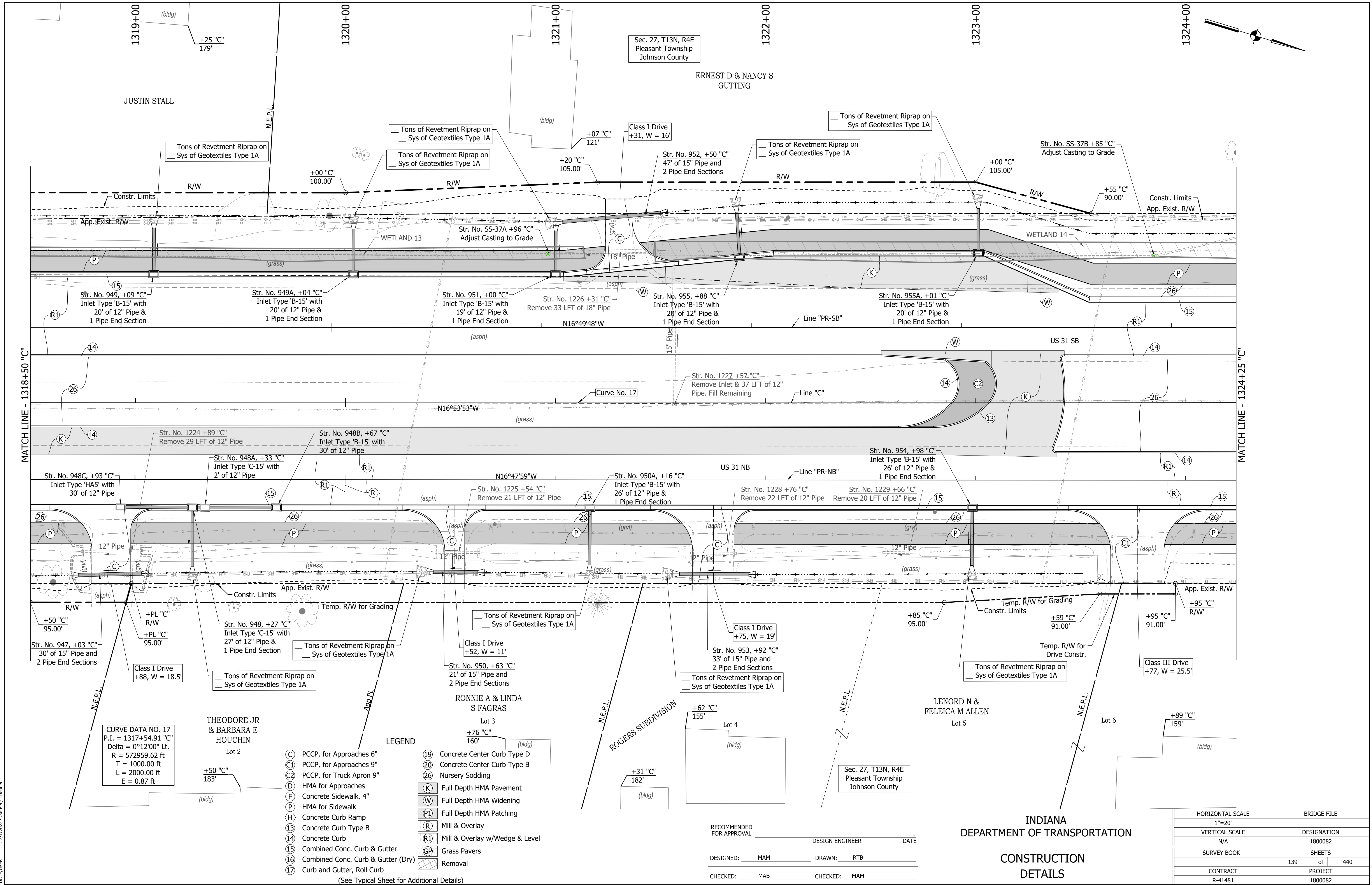
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 R = 572959.62 ft
 T = 1000.00 ft
 L = 2000.00 ft
 E = 0.87 ft

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
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INDIANA
 DEPARTMENT OF TRANSPORTATION
**CONSTRUCTION
 DETAILS**

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VERTICAL SCALE	DESIGNATION
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CONTRACT	PROJECT
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Sec. 27, T13N, R4E
Pleasant Township
Johnson County

ERNEST D & NANCY S
GUTTING

JUSTIN STALL

LENORD N &
FELEICA M ALLEN

RONNIE A & LINDA
S FAGRAS

THEODORE JR
& BARBARA E
HOUCHEIN

LEGEND

- (C) PCCP, for Approaches 6"
- (C1) PCCP, for Approaches 9"
- (C2) PCCP, for Truck Apron 9"
- (D) HMA for Approaches
- (F) Concrete Sidewalk, 4"
- (H) HMA for Sidewalk
- (H) Concrete Curb Ramp
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- (15) Combined Conc. Curb & Gutter
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- (R) Mill & Overlay
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- (X) Removal

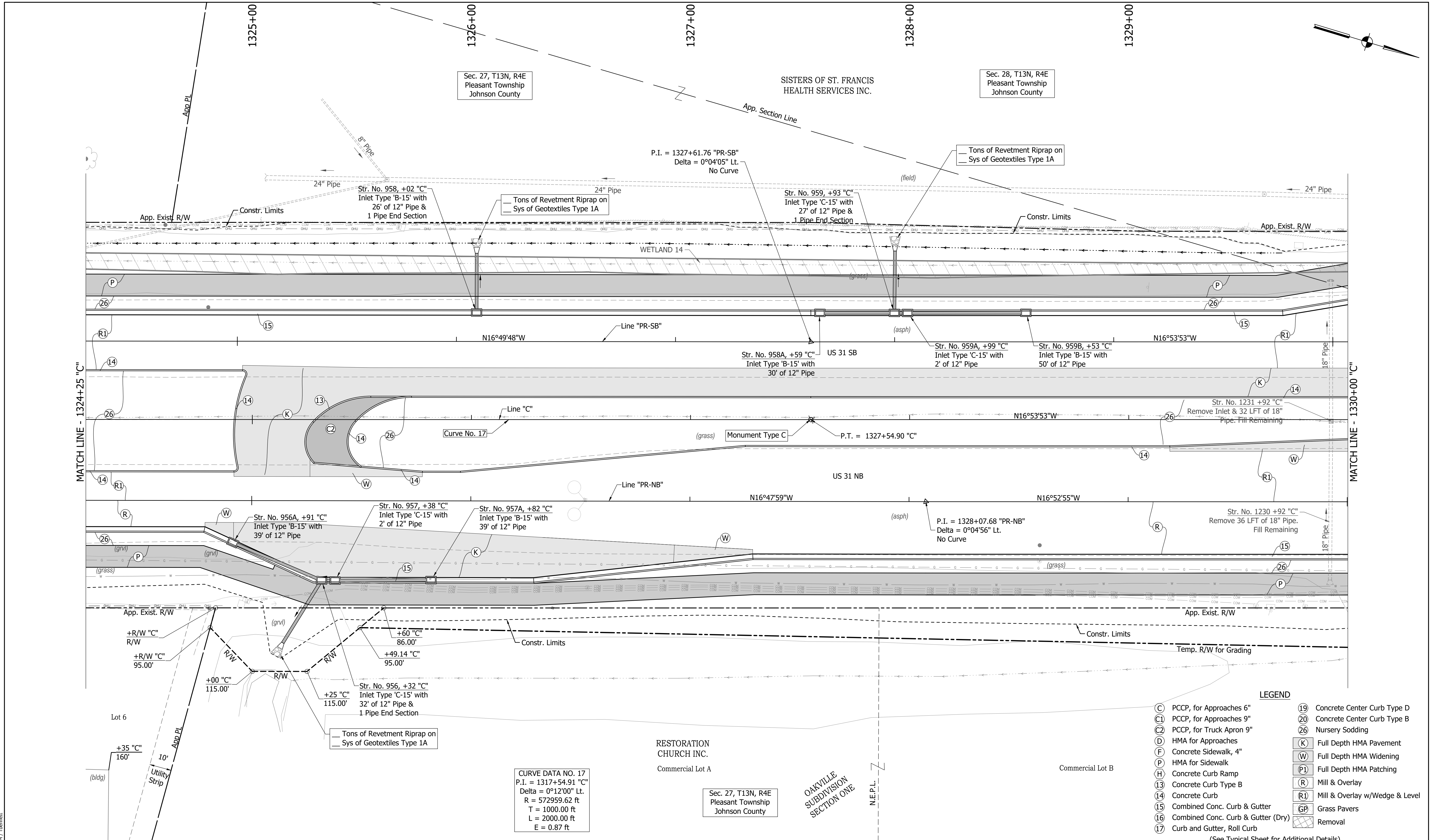
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Delta = 0°12'00" Lt.
R = 572959.62 ft
T = 1000.00 ft
L = 2000.00 ft
E = 0.87 ft

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INDIANA
DEPARTMENT OF TRANSPORTATION
**CONSTRUCTION
DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
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CONTRACT	PROJECT
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LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
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(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

(See Typical Sheet for Additional Details)

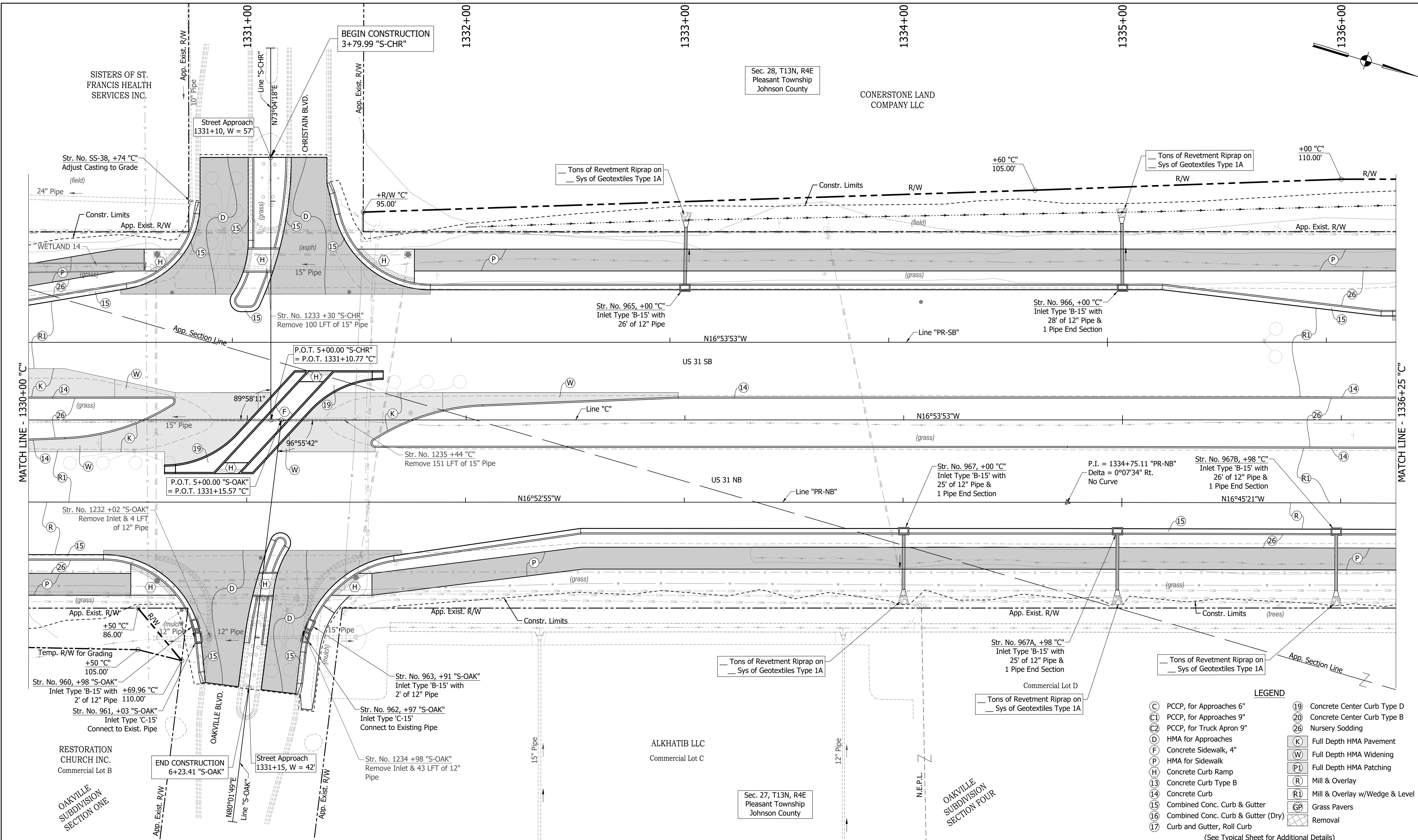
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VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082

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INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION
DETAILS

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 DATE/TIME : 3/17/2022 4:38 PM / Theomet



MATCH LINE - 1330+00 "C"

MATCH LINE - 1336+25 "C"

LEGEND

(C)	PCCP, for Approaches 6"	(19)	Concrete Center Curb Type D
(C1)	PCCP, for Approaches 9"	(20)	Concrete Center Curb Type B
(C2)	PCCP, for Truck Apron 9"	(26)	Nursery Sodding
(D)	HMA for Approaches	(K)	Full Depth HMA Pavement
(F)	Concrete Sidewalk, 4"	(W)	Full Depth HMA Widening
(P)	HMA for Sidewalk	(P1)	Full Depth HMA Patching
(H)	Concrete Curb Ramp	(R)	Mill & Overlay
(13)	Concrete Curb Type B	(R1)	Mill & Overlay w/Wedge & Level
(14)	Concrete Curb	(GP)	Grass Pavers
(15)	Combined Conc. Curb & Gutter	(GP)	Removal
(16)	Combined Conc. Curb & Gutter (Dry)		
(17)	Curb and Gutter, Roll Curb		

(See Typical Sheet for Additional Details)

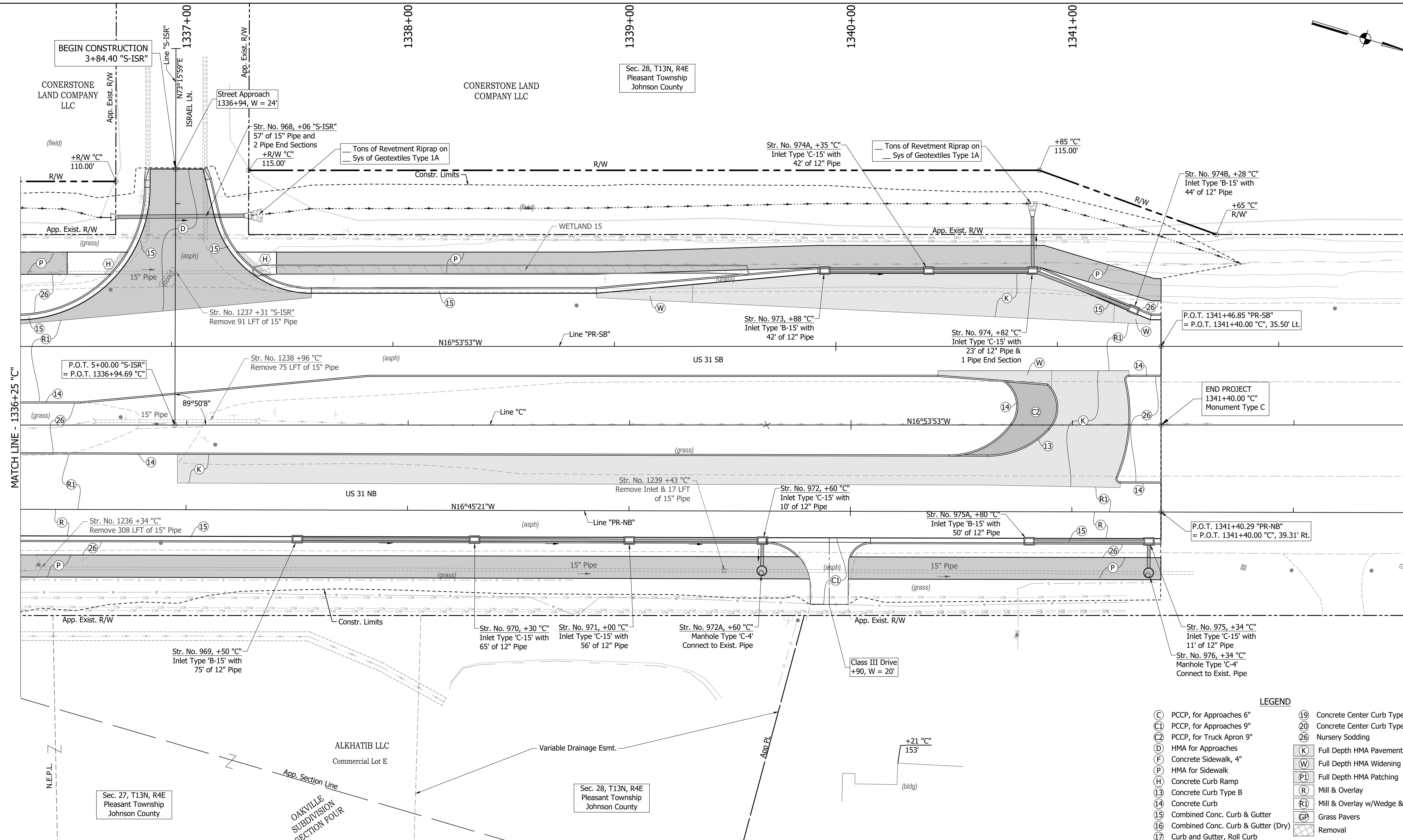
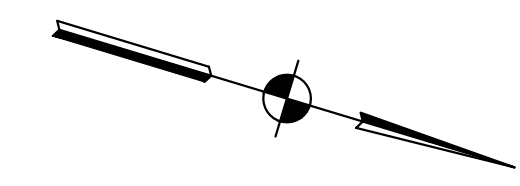
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INDIANA
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION
DETAILS**

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1"=20'	
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082

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 USER : DANIELUSER



MATCH LINE - 1336+25 "C"

- LEGEND**
- (C) PCCP, for Approaches 6"
 - (C1) PCCP, for Approaches 9"
 - (C2) PCCP, for Truck Apron 9"
 - (D) HMA for Approaches
 - (F) Concrete Sidewalk, 4"
 - (P) HMA for Sidewalk
 - (H) Concrete Curb Ramp
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 - (W) Full Depth HMA Widening
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 - (R) Mill & Overlay
 - (R1) Mill & Overlay w/Wedge & Level
 - (GP) Grass Pavers
 - (X) Removal

(See Typical Sheet for Additional Details)

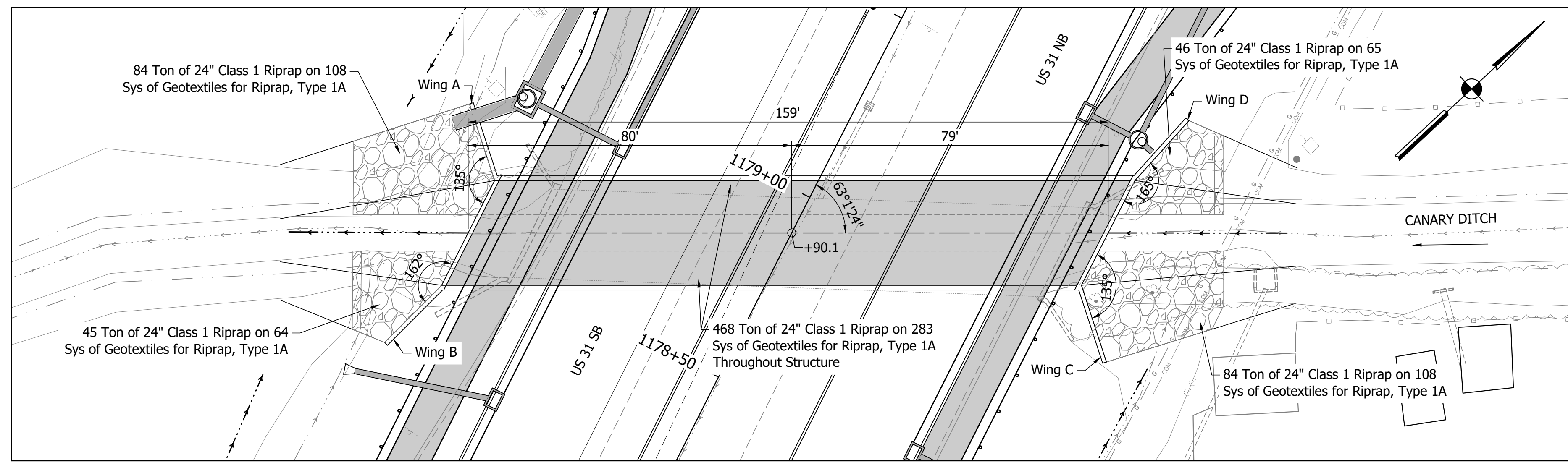
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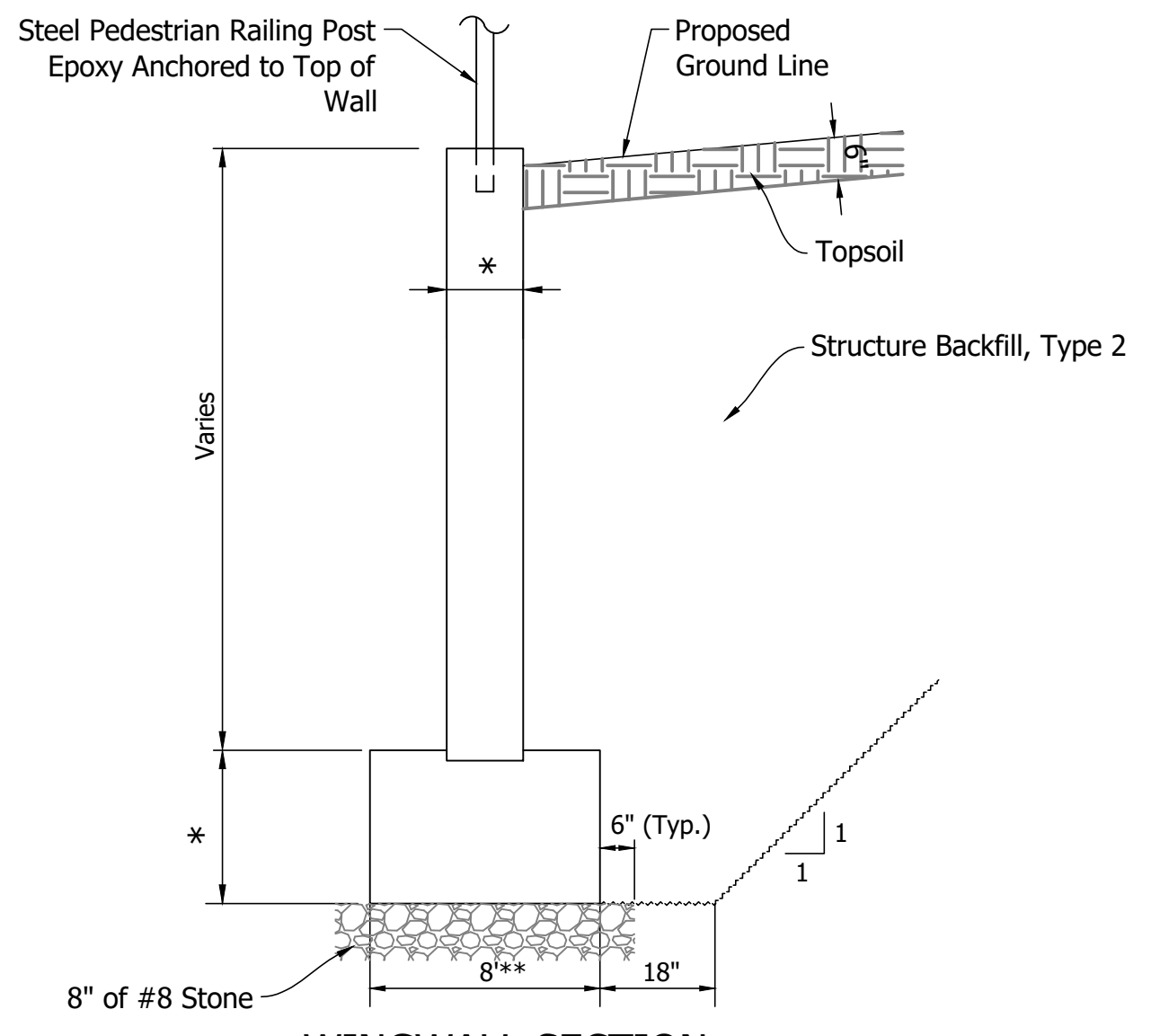
INDIANA
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CONSTRUCTION
DETAILS

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1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	142 of 440
CONTRACT	PROJECT
R-41481	1800082



PLAN
Scale: 1"=20'



WINGWALL SECTION
No Scale
Typical for Flat Top or Arch Top Options

- * Dimensions to be determined by Unit Manufacturer.
- ** Foundation Requirements on this sheet assume footing width of 8', placed 4' below flow line elevation.

GENERAL NOTES

Headwalls and wingwalls may be precast or cast in place.
An alternate structure type with a 24-ft perpendicular span and a 16-ft rise may be substituted for the structure shown on this sheet.

DESIGN DATA

Live Load
The Structure shall be designed for HL-93 loading in accordance with AASHTO LRFD Bridge Design Specifications, 9th Edition, and all subsequent interim specifications.

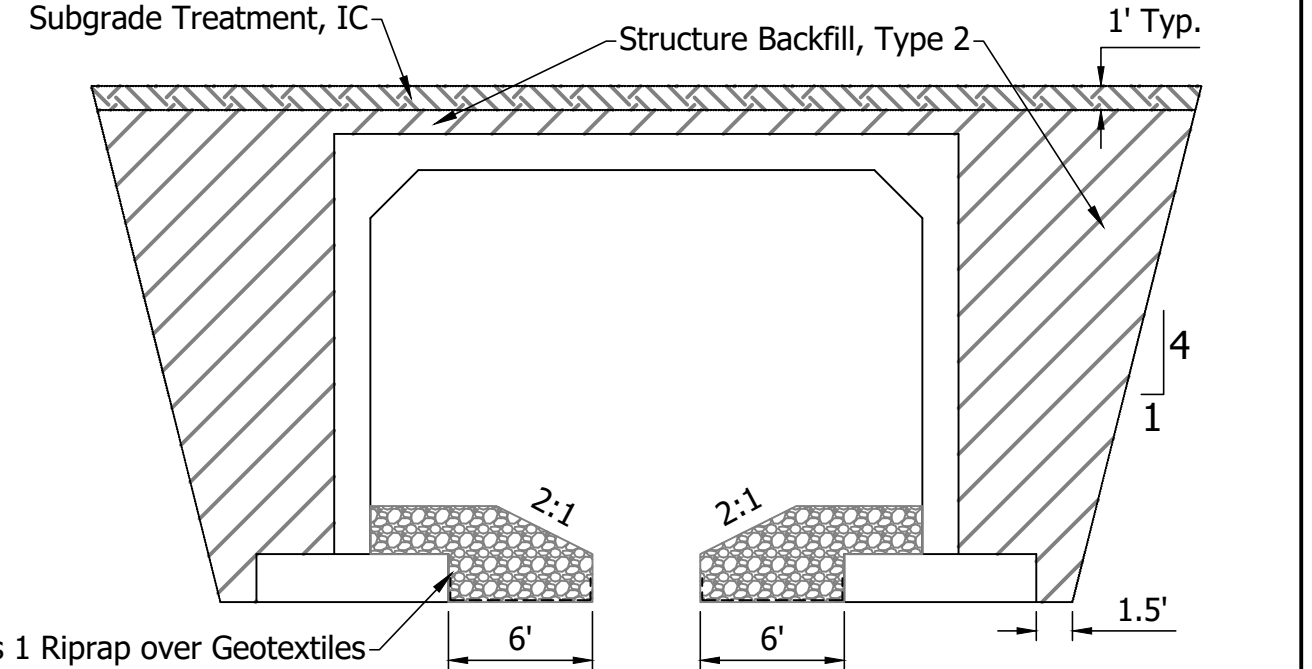
Dead Load
Designed for self-weight, backfill, pavement section and 35 psf for future wearing surface.

HYDRAULIC DATA

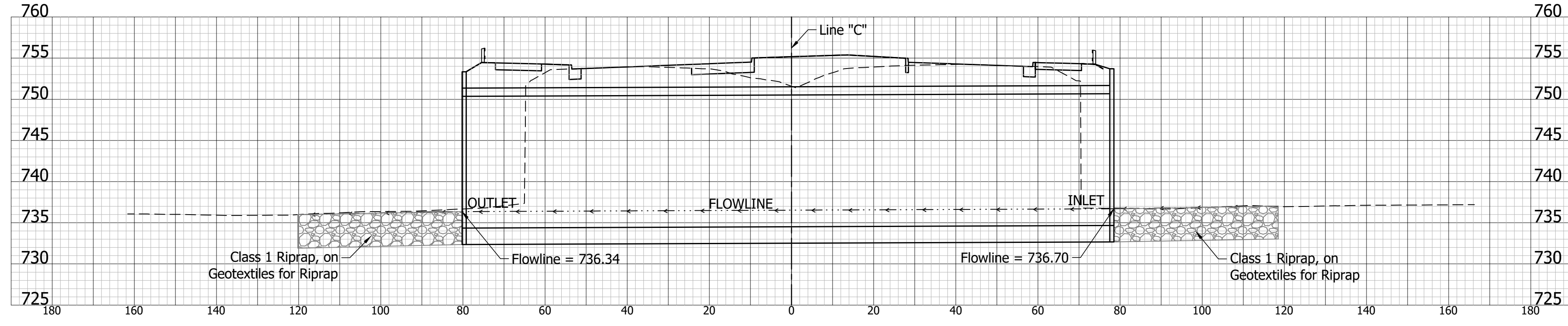
Drainage Area	5.39 sq. mi.
Q100	2400 cfs
Proposed Q100 Elevation (Headwater)	748.47
Proposed Backwater	-0.40 ft
Q100 Outlet Velocity	7.55 ft/s
Proposed Waterway Opening Below Q100	268.41 sft
Roadway Overflow Waterway Area	0 ft
Proposed Culvert Slope	0.16%
Proposed Flowline Slope	0.16%
Existing Waterway Opening Below Q100	238.49 sft
Existing Q100 Elevation (Headwater)	748.99
Existing Outlet Velocity at Q100	8.63 ft/s
Existing Culvert Slope	0.0%
Existing Flowline Slope	0.16%

Recommended Parameters for Wingwall Footing Design

Parameter	Estimated Value
Resistance Factor	.
Nominal Bearing Resistance (psf)	.
Factored Bearing Resistance (psf)	.
Ultimate Adhesion Between Footings and Foundation Soil (Ca) (psf)	.
Total Unit Weight of Backfill Material (pcf)	.
Cohesion of Backfill Material (psf)	.

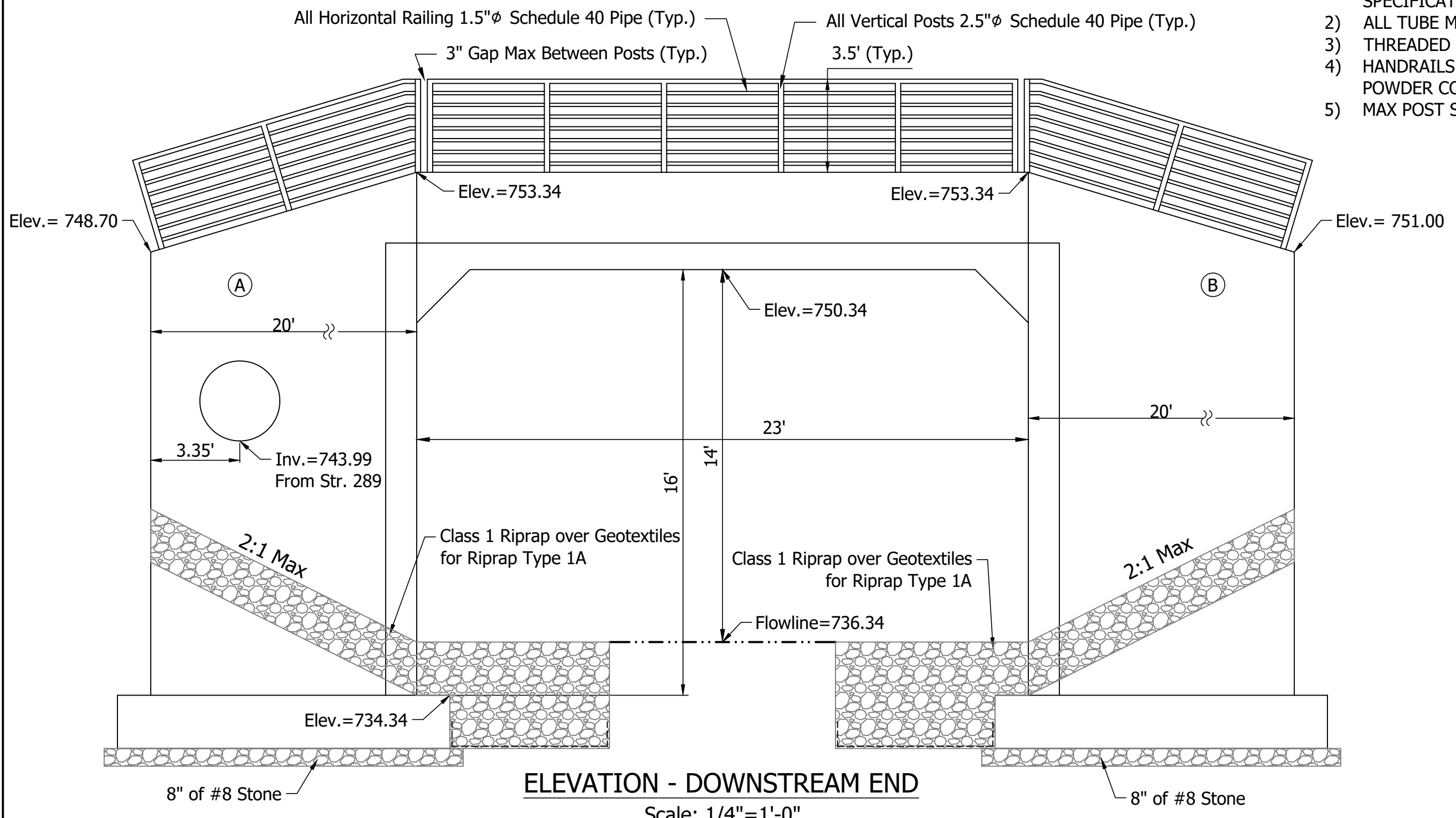


STRUCTURE CROSS SECTION
Not to Scale

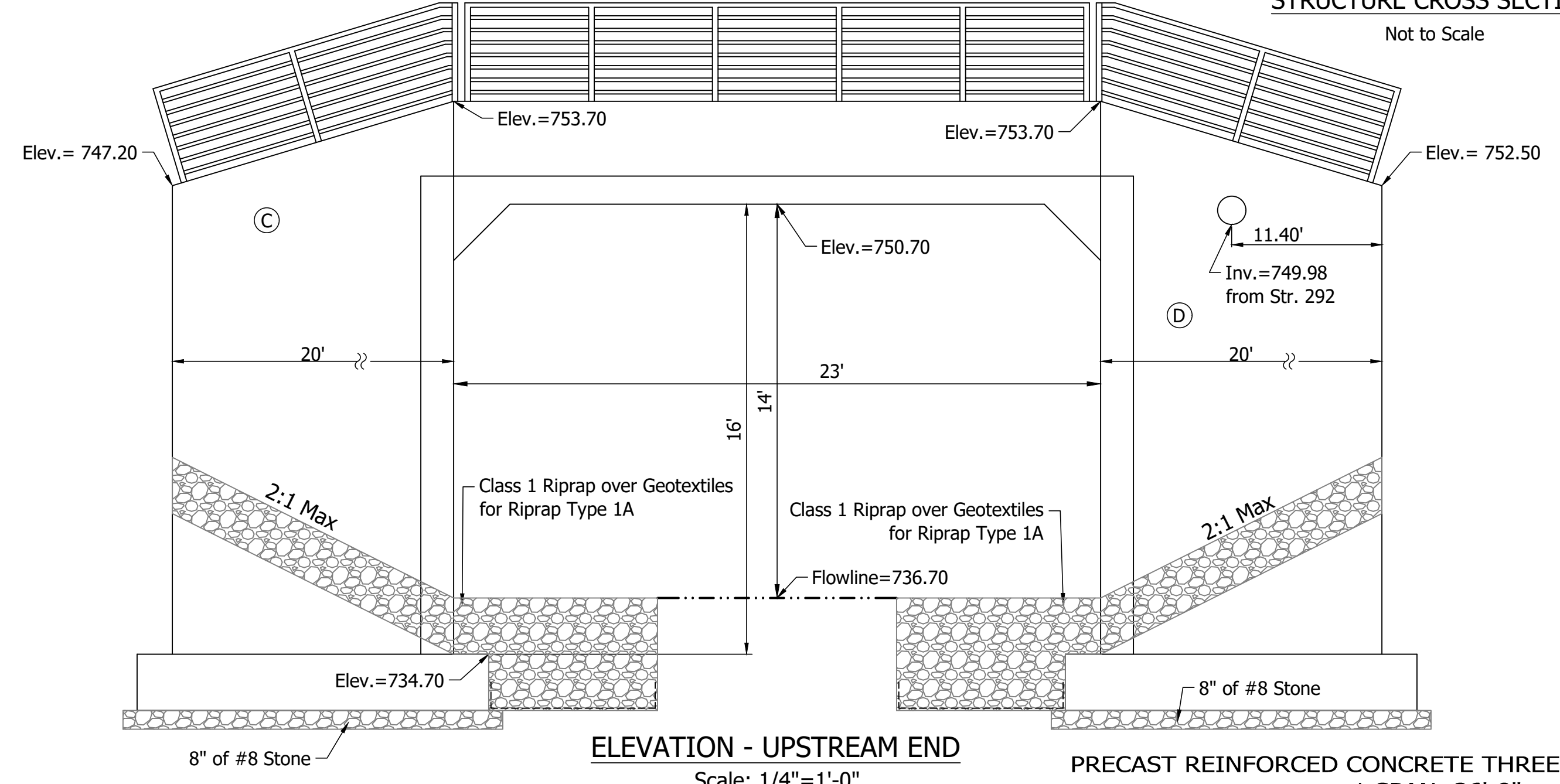


SECTION - ALONG SKEW
Horizontal Scale: 1"=20'
Vertical Scale: 1"=10'

- RAILING NOTES**
- HANDRAIL MATERIALS AND WORK SPECIFICATIONS SHALL BE IN ACCORDANCE WITH INDIANA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS, 2020.
 - ALL TUBE MATERIAL SHALL BE SCHEDULE 40, ASTM A500, GR. B.
 - THREADED ANCHOR RODS SHALL BE ASTM A572, GR. 50.
 - HANDRAILS SHALL BE UNGALVANIZED STEEL WITH PRIMER AND POWDER COATED BLACK.
 - MAX POST SPACING IS 6 FT.



ELEVATION - DOWNSTREAM END
Scale: 1/4"=1'-0"



ELEVATION - UPSTREAM END
Scale: 1/4"=1'-0"

WINGWALL AREAS (SFT.)	
A	334
B	357
C	315
D	368

PRECAST REINFORCED CONCRETE THREE-SIDED STRUCTURE
1 SPAN: 26'-0"
US31 OVER CANARY DITCH, JOHNSON COUNTY, INDIANA

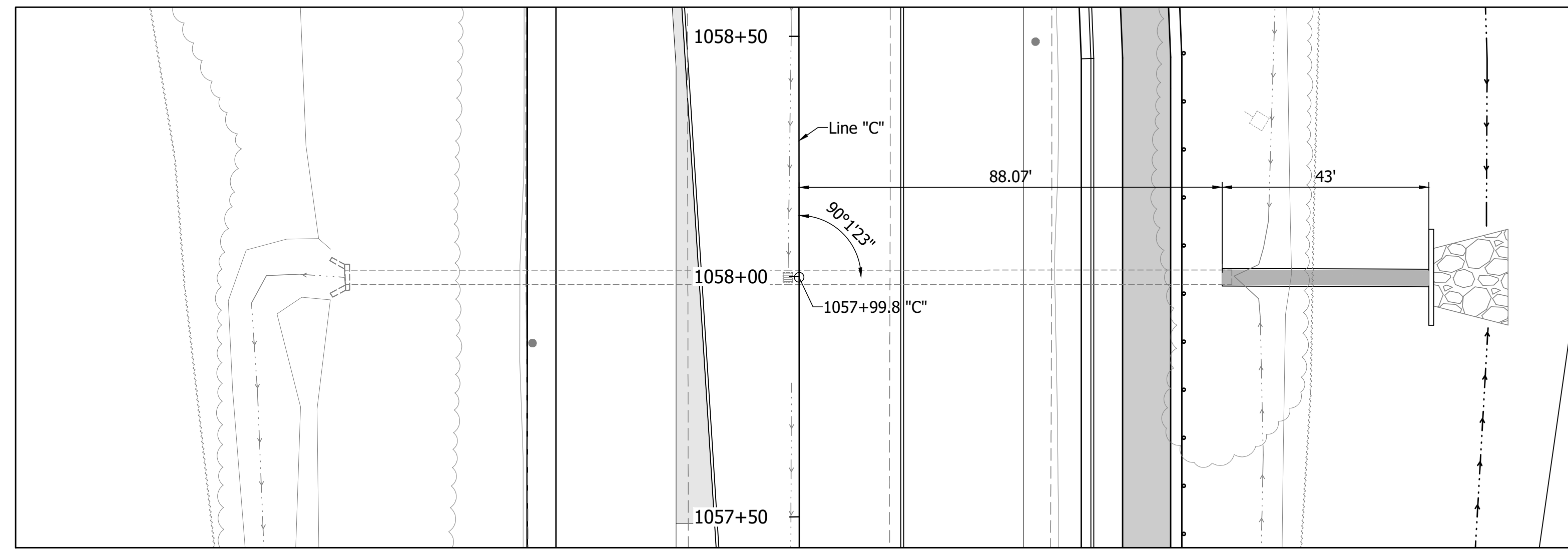
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION

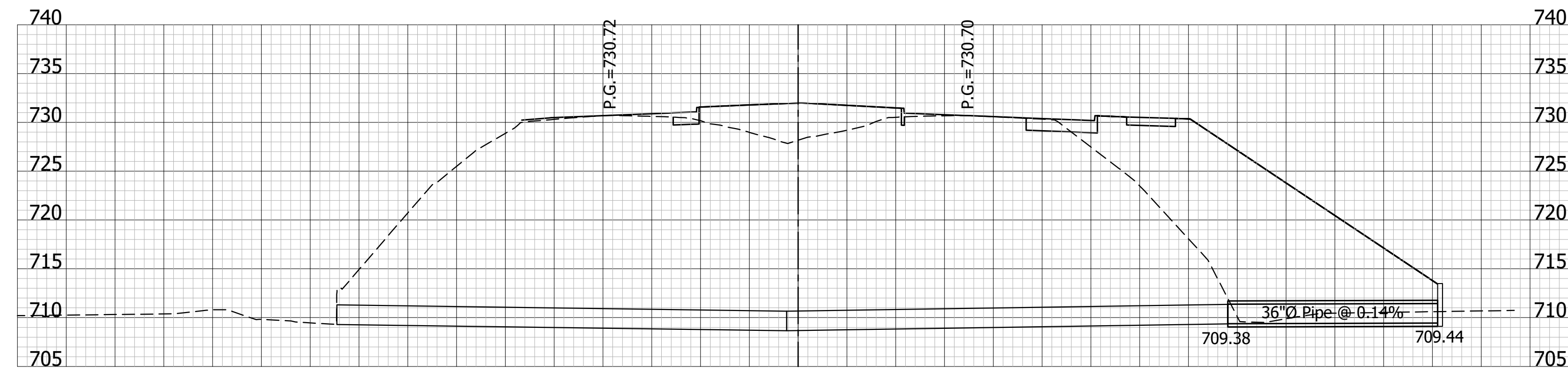
GENERAL PLAN
BRIDGE OVER CANARY DITCH

HORIZONTAL SCALE	BRIDGE FILE
As Noted	031-41-10392
VERTICAL SCALE	DESIGNATION
As Noted	1800272
SURVEY BOOK	SHEETS
	143 of 294
CONTRACT	PROJECT
R-41481	1800082

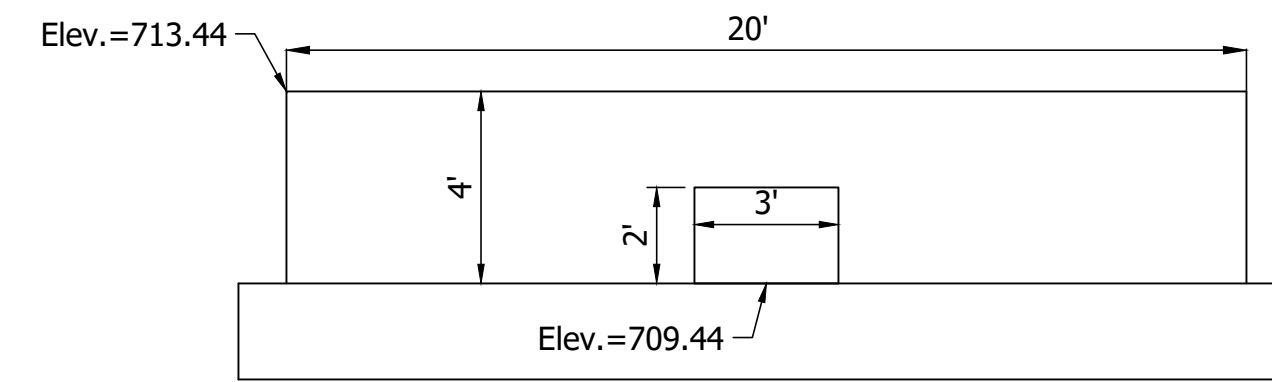
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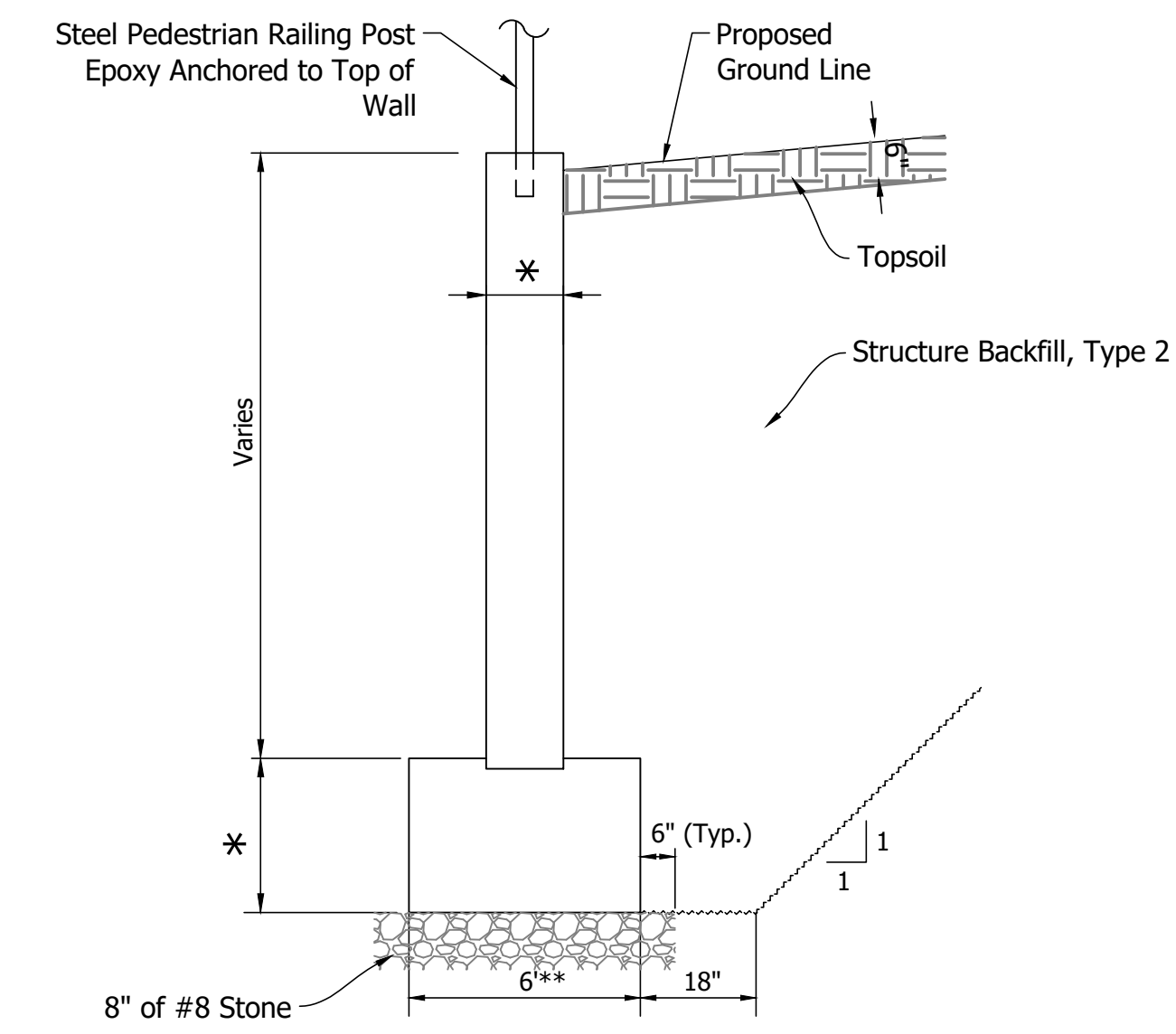
PLAN
Scale: 1"=20'



SECTION - ALONG SKEW
Horizontal Scale: 1"=20'
Vertical Scale: 1"=10'



ELEVATION - UPSTREAM END
Scale: 1/4"=1'-0"



WINGWALL SECTION
No Scale

- * Dimensions to be determined by Unit Manufacturer.
- ** Foundation Requirements on this sheet assume footing width of 6', placed 4' below flow line elevation.

GENERAL NOTES

Headwalls and wingwalls may be precast or cast in place.

DESIGN DATA

Live Load

The Structure shall be designed for HL-93 loading in accordance with AASHTO LRFD Bridge Design Specifications, 8th Edition, and all subsequent interim specifications.

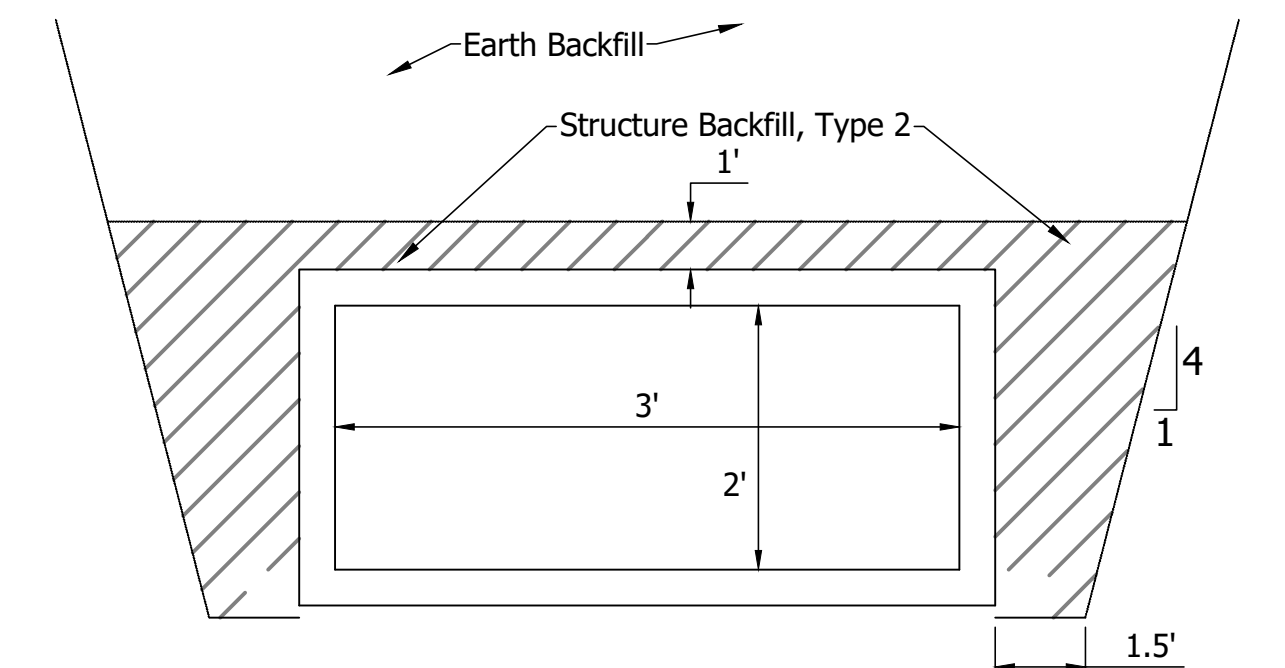
Dead Load

Designed for self-weight, backfill, pavement section and 35 psf for future wearing surface.

HYDRAULIC DATA

Drainage Area	12.1 acres
Q100	26 cfs
Proposed Q100 Elevation (Headwater)	711.81
Proposed Backwater	1.05 ft
Q50 Outlet Velocity	6.37 fps
Proposed Waterway Opening	6.0 sft
Roadway Overflow Waterway Area	0 sft
Existing Waterway Opening	6.0 sft
Existing Q100 Elevation (Headwater)	711.81
Existing Outlet Velocity at Q50	6.37 cfs

Recommended Parameters for Wingwall Footing Design	Estimated Value
Resistance Factor	.
Nominal Bearing Resistance (psf)	.
Factored Bearing Resistance (psf)	.
Ultimate Adhesion Between Footings and Foundation Soil (Ca) (psf)	.
Total Unit Weight of Backfill Material (pcf)	.
Cohesion of Backfill Material (psf)	.



STRUCTURE CROSS SECTION
Not to Scale

PRECAST REINFORCED CONCRETE BOX CULVERT EXTENSION
1 SPAN: 3'
US31 OVER UNKNOWN TRIBUTARY OF HAZELETT DITCH,
JOHNSON COUNTY, INDIANA

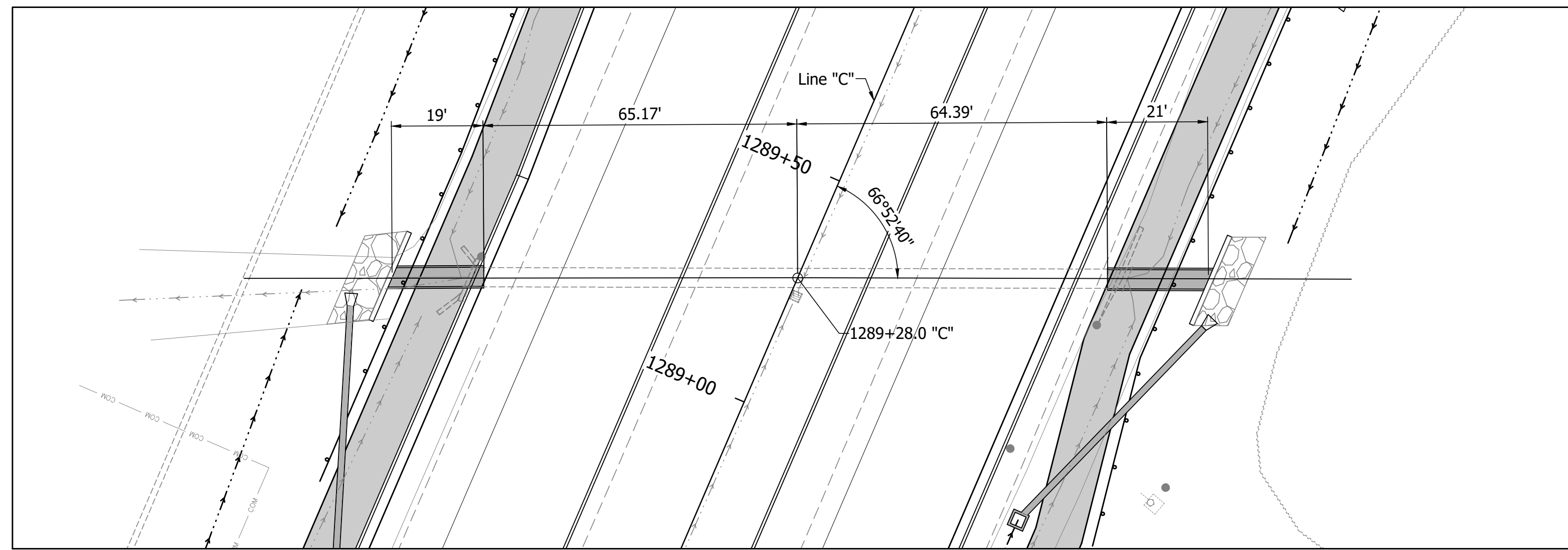
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
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CHECKED: MAB	CHECKED: MAM	

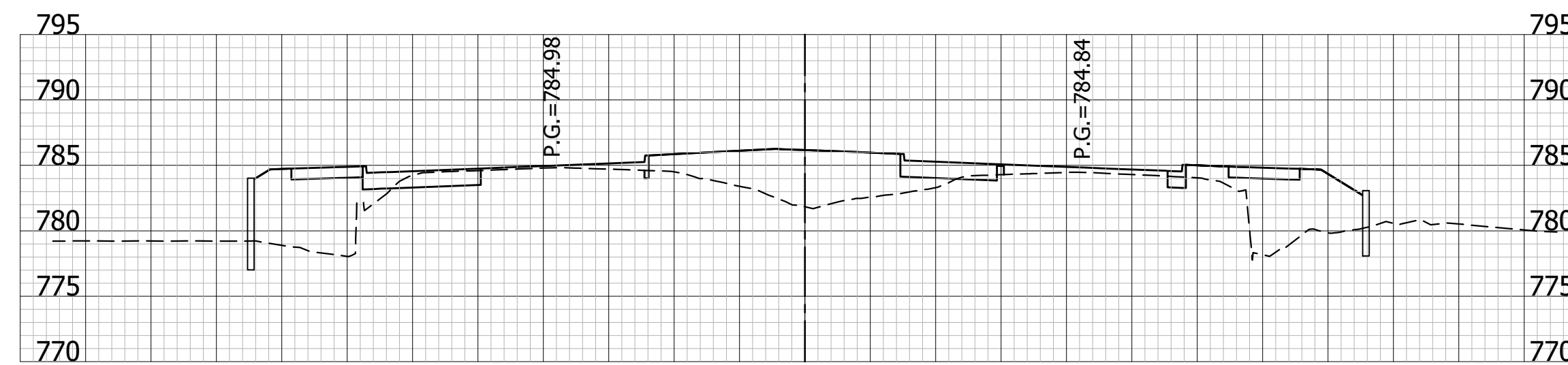
INDIANA
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS

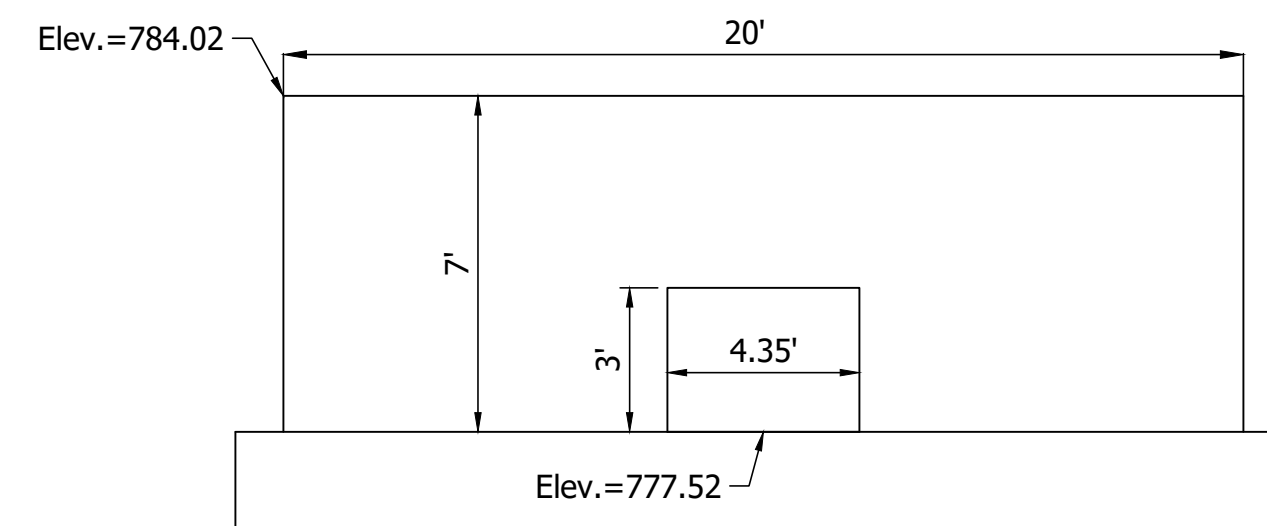
HORIZONTAL SCALE	BRIDGE FILE
As Noted	CLV-003-041-90.3
VERTICAL SCALE	DESIGNATION
As Noted	1800082
SURVEY BOOK	SHEETS
	144 of 294
CONTRACT	PROJECT
R-41481	1800082



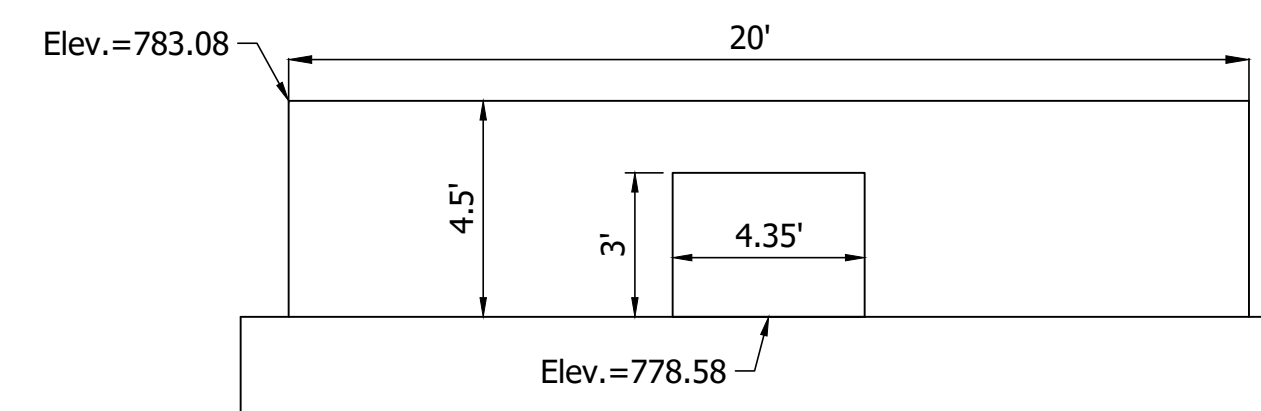
PLAN
Scale: 1"=20'



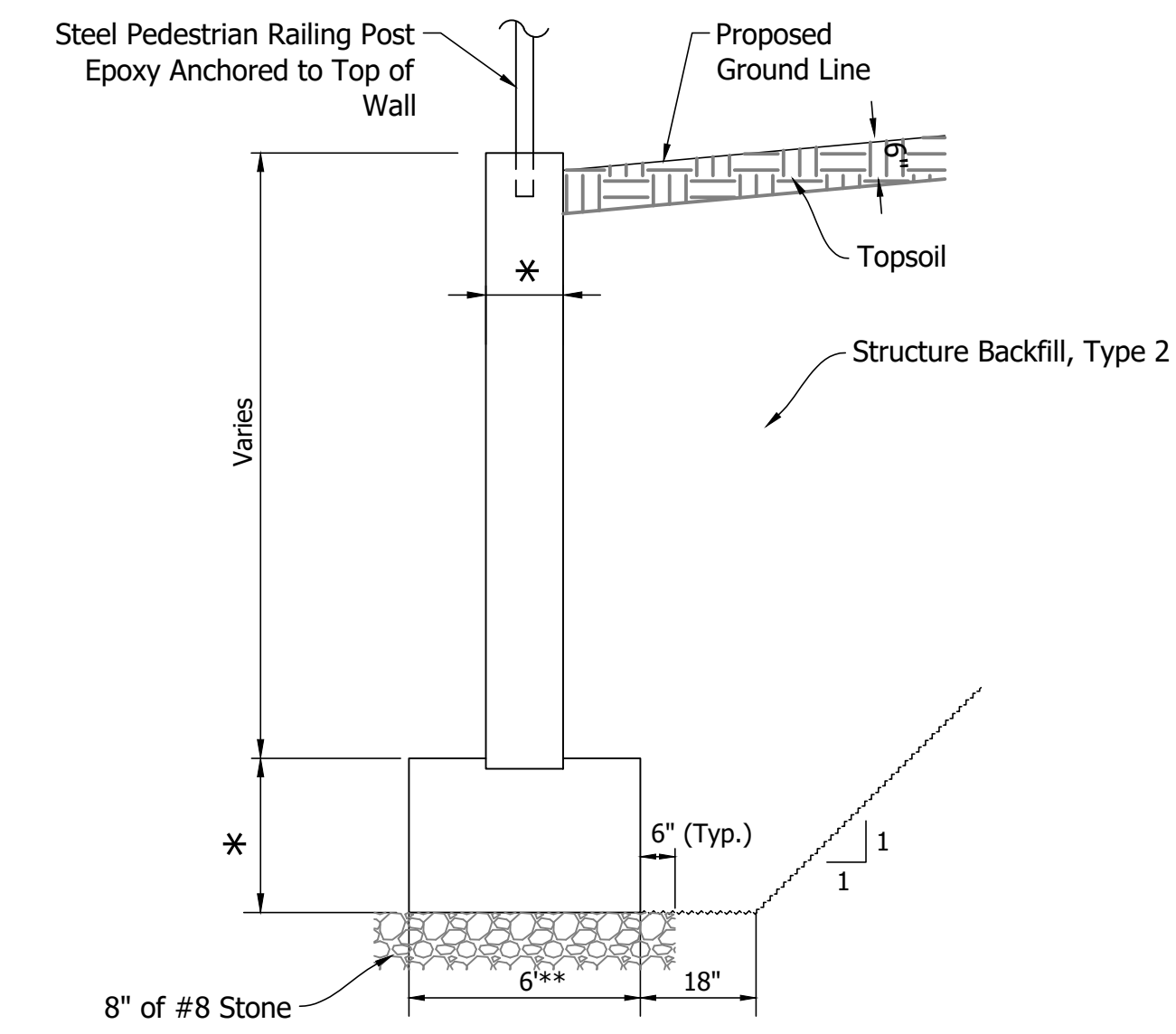
SECTION - ALONG SKEW
Horizontal Scale: 1"=20'
Vertical Scale: 1"=10'



ELEVATION - DOWNSTREAM END
Scale: 1/4"=1'-0"

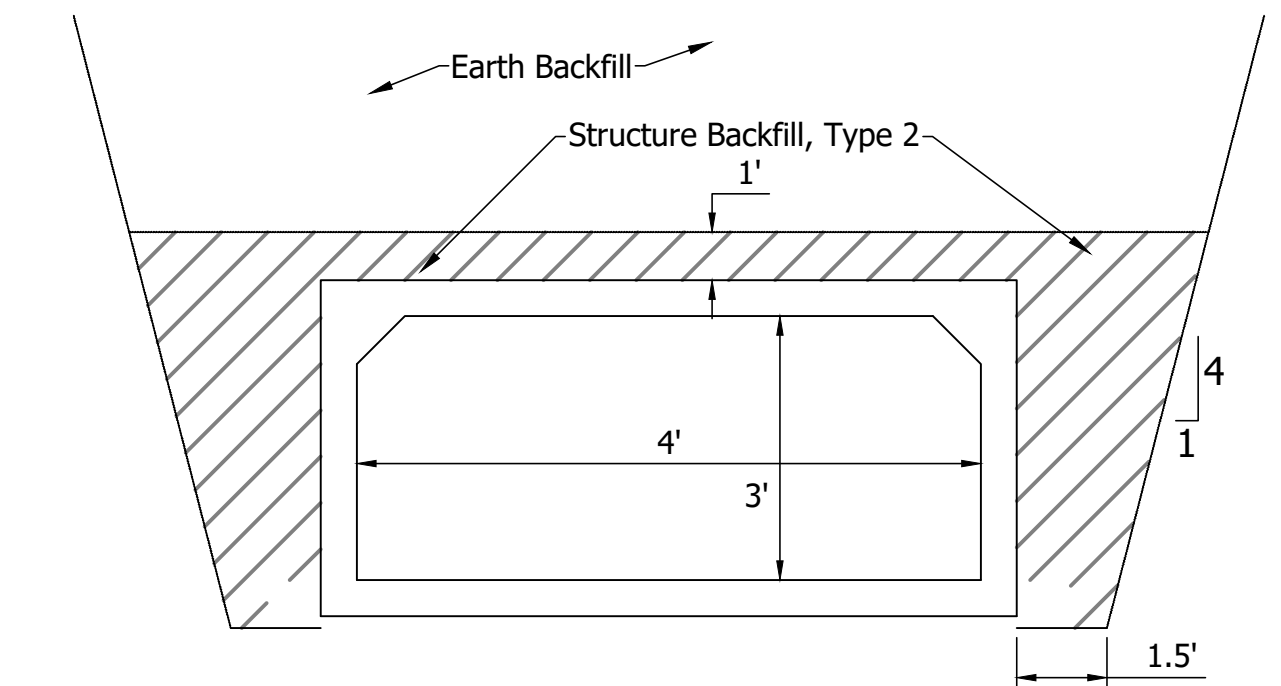


ELEVATION - UPSTREAM END
Scale: 1/4"=1'-0"



WINGWALL SECTION
No Scale

- * Dimensions to be determined by Unit Manufacturer.
- ** Foundation Requirements on this sheet assume footing width of 6', placed 4' below flow line elevation.



STRUCTURE CROSS SECTION
Not to Scale

GENERAL NOTES

Headwalls and wingwalls may be precast or cast in place.

DESIGN DATA

Live Load

The Structure shall be designed for HL-93 loading in accordance with AASHTO LRFD Bridge Design Specifications, 8th Edition, and all subsequent interim specifications.

Dead Load

Designed for self-weight, backfill, pavement section and 35 psf for future wearing surface.

HYDRAULIC DATA

Drainage Area	74 acres
Q100	59 cfs
Proposed Q100 Elevation (Headwater)	781.44
Proposed Backwater	1.43 ft
Q50 Outlet Velocity	10.21 fps
Proposed Waterway Opening	11.32 sft
Roadway Overflow Waterway Area	0 ft
Minimum Low Structure	780.52
Existing Waterway Opening	12 sft
Existing Q100 Elevation (Headwater)	781.67
Existing Outlet Velocity at Q50	8.73 fps

Recommended Parameters for Wingwall Footing Design	Estimated Value
Resistance Factor	.
Nominal Bearing Resistance (psf)	.
Factored Bearing Resistance (psf)	.
Ultimate Adhesion Between Footings and Foundation Soil (Ca) (psf)	.
Total Unit Weight of Backfill Material (pcf)	.
Cohesion of Backfill Material (psf)	.

PRECAST REINFORCED CONCRETE BOX CULVERT EXTENSION
1 SPAN: 4'
US31 OVER UNKNOWN TRIBUTARY OF POWELL DITCH,
JOHNSON COUNTY, INDIANA

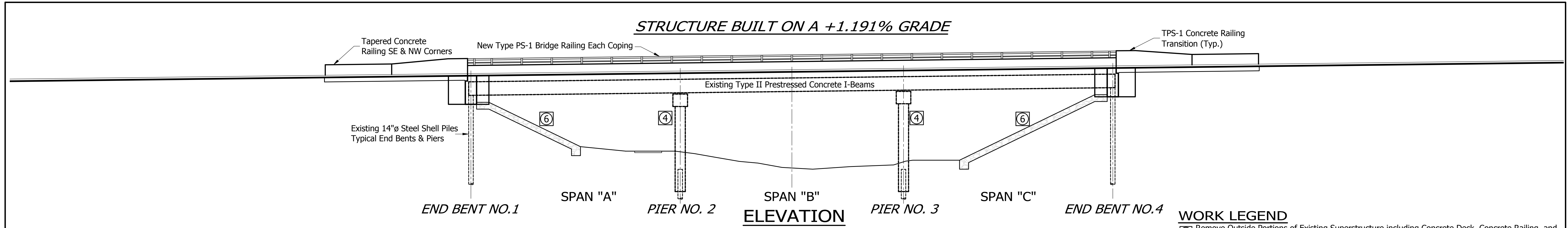
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
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CHECKED: MAB	CHECKED: MAM	

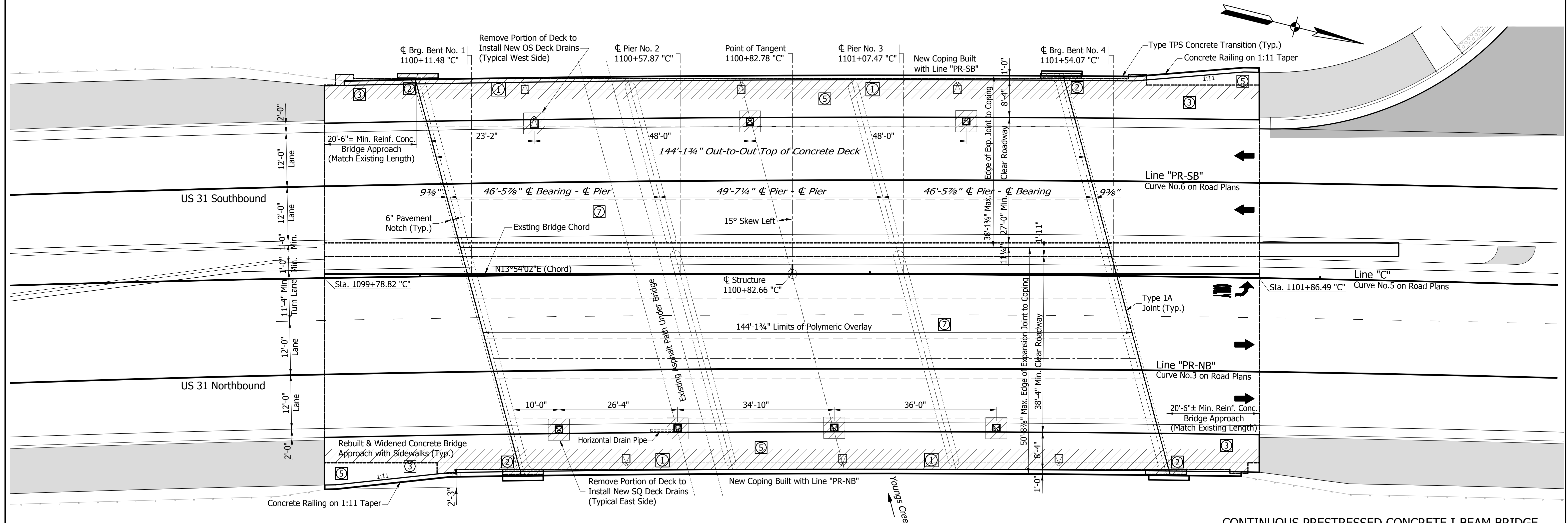
INDIANA
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
As Noted	CV 031-041-094.74
VERTICAL SCALE	DESIGNATION
As Noted	1800082
SURVEY BOOK	SHEETS
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CONTRACT	PROJECT
R-41481	1800082



- WORK LEGEND**
- ① Remove Outside Portions of Existing Superstructure including Concrete Deck, Concrete Railing, and Deck Drains. Replace with New Concrete Deck with Sidewalk, PS-1 Railing, and New Deck Drains.
 - ② Remove Portions of End Bents and Replace as Detailed in Plans with new Wingwalls..
 - ③ Remove Portions of Concrete Bridge Approaches & Railing Transitions and widen with New Concrete Bridge Approaches, Sidewalks, & TPS-1 Railing Transitions and Concrete Railing on Taper.
 - ④ Patch Spalled areas of Piers.
 - ⑤ Seal New Concrete Sidewalks and Railing.
 - ⑥ Place Riprap over Geotextiles in bare areas on Slope.
 - ⑦ Patch Spalls in deck near Type 1A Joints, Clean Deck, and Place Polymeric Bridge Deck Overlay.



PLAN

CONTINUOUS PRESTRESSED CONCRETE I-BEAM BRIDGE
 3 SPANS: 46'-5 7/8", 49'-7 1/4", 46'-5 7/8"
 15° SKEW LEFT AT CL , 27'-0" SB, 38'-4" NB CLEAR ROADWAY
 US 31 OVER YOUNGS CREEK, JOHNSON COUNTY

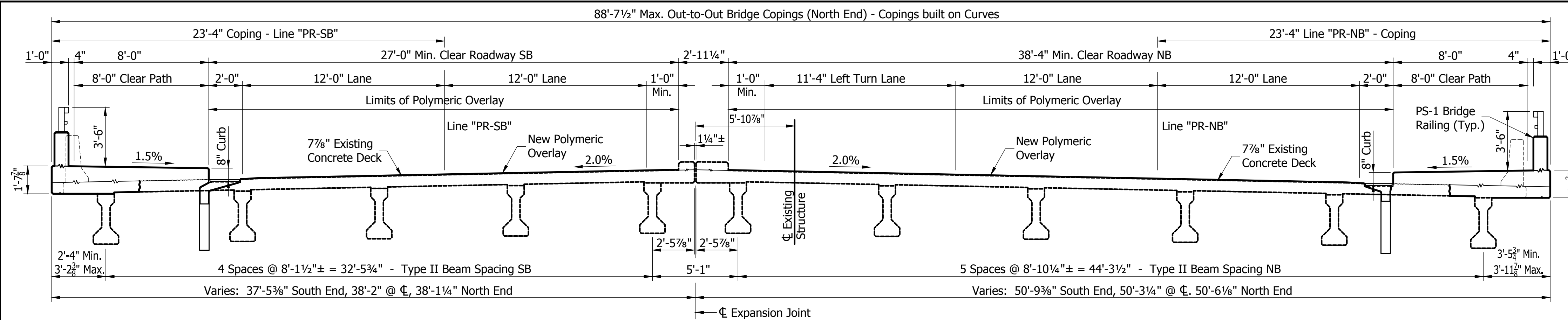
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	RDG	11/02/2021
DESIGNED: RDG	DRAWN: RDG	
CHECKED: MAM	CHECKED: MAM	

INDIANA
 DEPARTMENT OF TRANSPORTATION
GENERAL PLAN - PLAN & ELEVATION
 US 31 OVER YOUNGS CREEK

SCALE	BRIDGE FILE
3/32" = 1'-0"	31-41-7875A
	DESIGNATION
	2001610
SURVEY BOOK	SHEETS
---	13 of 99
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin, City US 31\Design\BridgeOverYoungs\CAD\Plans
 DATE/USER : 11/2/2021 2:16 PM / Rgrander



PROPOSED BRIDGE SECTION

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

DESIGN DATA

EXISTING STRUCTURE DESIGN DATA:

LIVE LOAD: HS20-44 Loading in accordance with 1992 AASHTO Specifications.
DEAD LOAD: Actual weight of concrete beams, slab, and concrete railing.
 Steel Encased Concrete Piles at End Bents and single row at Piers.

PRESTRESSED CONCRETE BEAMS:

$f_c = 6,000$ psi @ 28 Days
 $f_{ci} = 5,000$ psi @ Release
 Strands: 1/2" ϕ 7 Wire Special Lolax Strands, Min. Tensile Strength = 270,000 psi, $A_s = 0.167$ in² per Strand.

FLOOR SLAB:

Designed with a structural depth of 6 1/2".

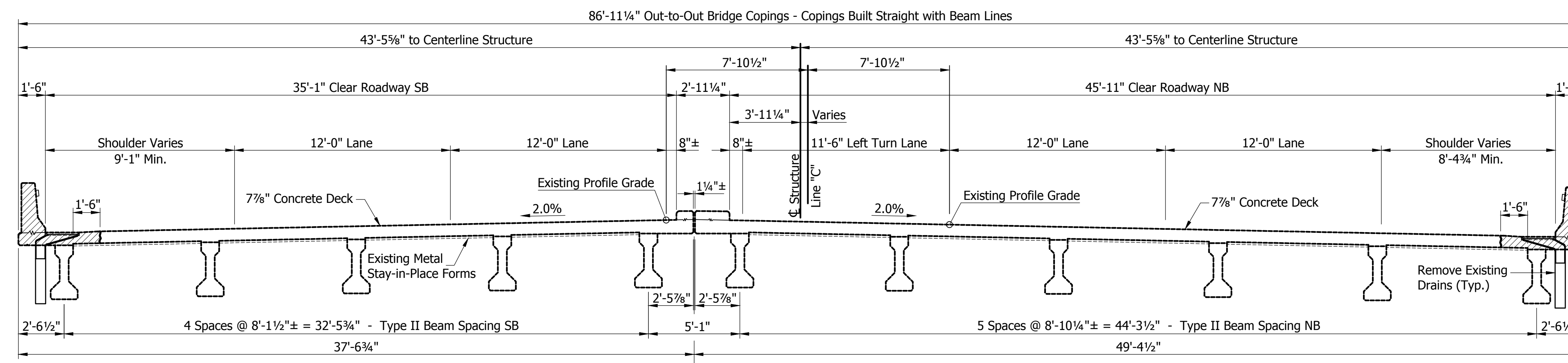
PROPOSED SUPERSTRUCTURE DESIGN DATA:

LIVE LOAD: HS-20 loading in accordance with 9th Edition AASHTO Load and Resistance Factor (LRFD) Bridge Design Specifications, 2020.

DEAD LOAD: Actual weight plus 15 lbs./sq.ft. non-composite for stay-in-place forms. No allowance for future wearing surface.

DESIGN STRENGTHS:

Class "C" Concrete: $f_c = 4,000$ psi
 Class "A" Concrete: $f_c = 3,500$ psi
 Reinforcing Steel: $f_y = 60,000$ psi



EXISTING BRIDGE SECTION

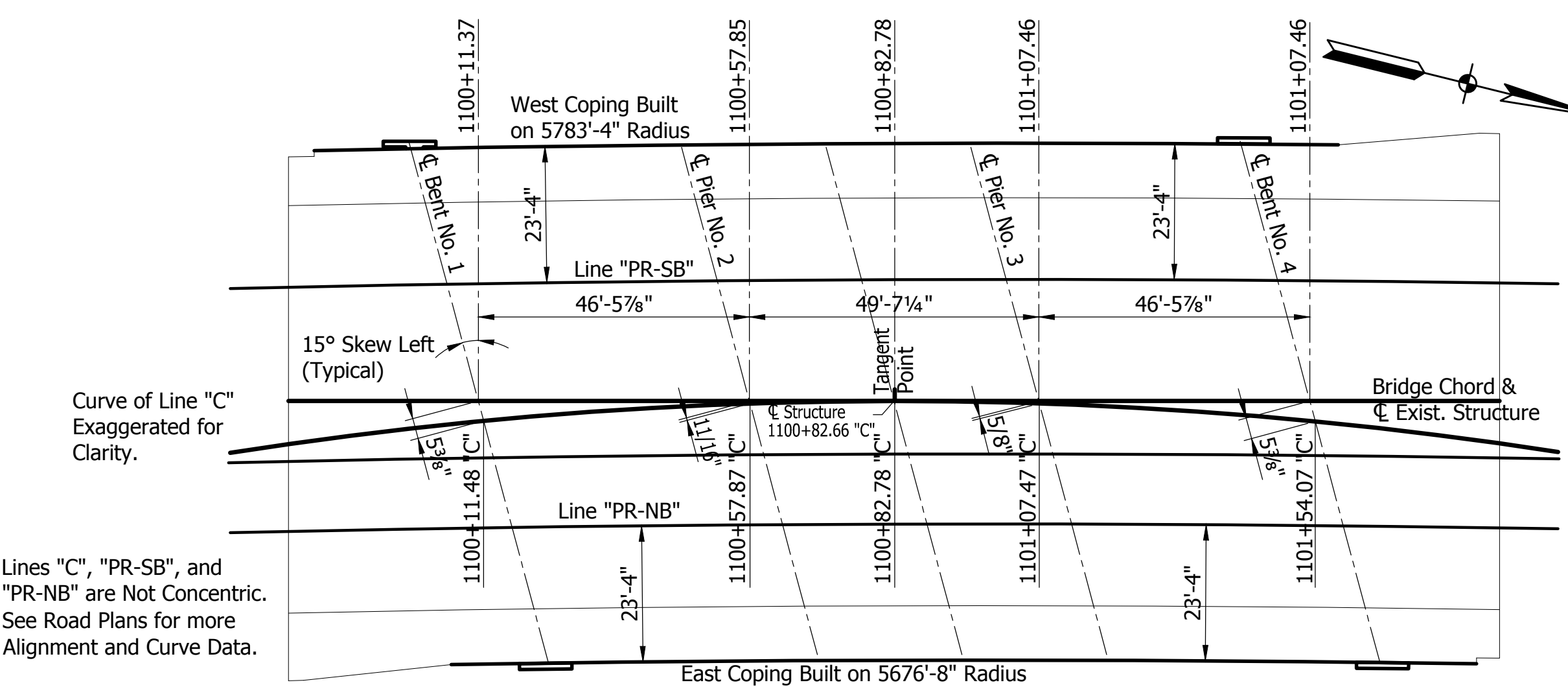
Scale: 1/4"=1'-0"

GENERAL NOTES

- Reinforcing Bars cover shall be 2 1/2" in top and 1" minimum in bottom of deck slab and 2" in all other parts unless noted.
- All Reinforcing Bars in the Deck Slab, Railing, Railing Transitions, End Bents, & Bridge Approaches shall be epoxy coated.
- Concrete in Superstructure, Concrete Railing, Bridge Approaches, and End Bents shall be Class "C".
- Concrete in Pier Cap and Pier Stem shall be Class "A".
- Continuous concrete pours shall be required between construction joints as shown on the detail plans.
- Surface Seal shall be applied to the top of sidewalk, exterior face and bottom flange of exterior beams, concrete railing and transitions, all exposed faces and tops of wingwalls, deck copings, and underside of deck from coping to top of exterior beams.
- Estimated quantity of Surface Seal = xx,xxx Sq. Ft.
- Plans for the Existing Structure are on file in the Bridge Department, Indiana Department of Transportation, as Bridge No. 31-41-7875.

Beams, Copings, and Raised Center Median Built Square with ϕ Structure.

Hatched Areas show Superstructure Parts to be Removed.



GEOMETRIC LAYOUT

Scale: 3/64"=1'-0"

CURVE DATA NO. 6
 PI=11+05+75.11 "PR-SB"
 $\Delta = 18^\circ 26' 47"$ RT
 R=5760'
 T=935.31'
 L=1854.43'
 E=75.44'

CURVE DATA NO. 5
 PI=1099+07.35 "C"
 $\Delta = 31^\circ 43' 00"$ RT
 R=5927.00'
 T=1683.69'
 L=3280.95'
 E=234.51'

CURVE DATA NO. 3
 PI=1099+30.02 "PR-NB"
 $\Delta = 31^\circ 40' 55"$ RT
 R=5700'
 T=1617.34'
 L=3151.84'
 E=225.01'

CONTINUOUS PRESTRESSED CONCRETE I-BEAM BRIDGE
 3 SPANS: 46'-5 7/8", 49'-7 1/4", 46'-5 7/8"
 15° SKEW LEFT AT ϕ , 27'-0" SB, 38'-4" NB CLEAR ROADWAY
 US 31 OVER YOUNGS CREEK, JOHNSON COUNTY

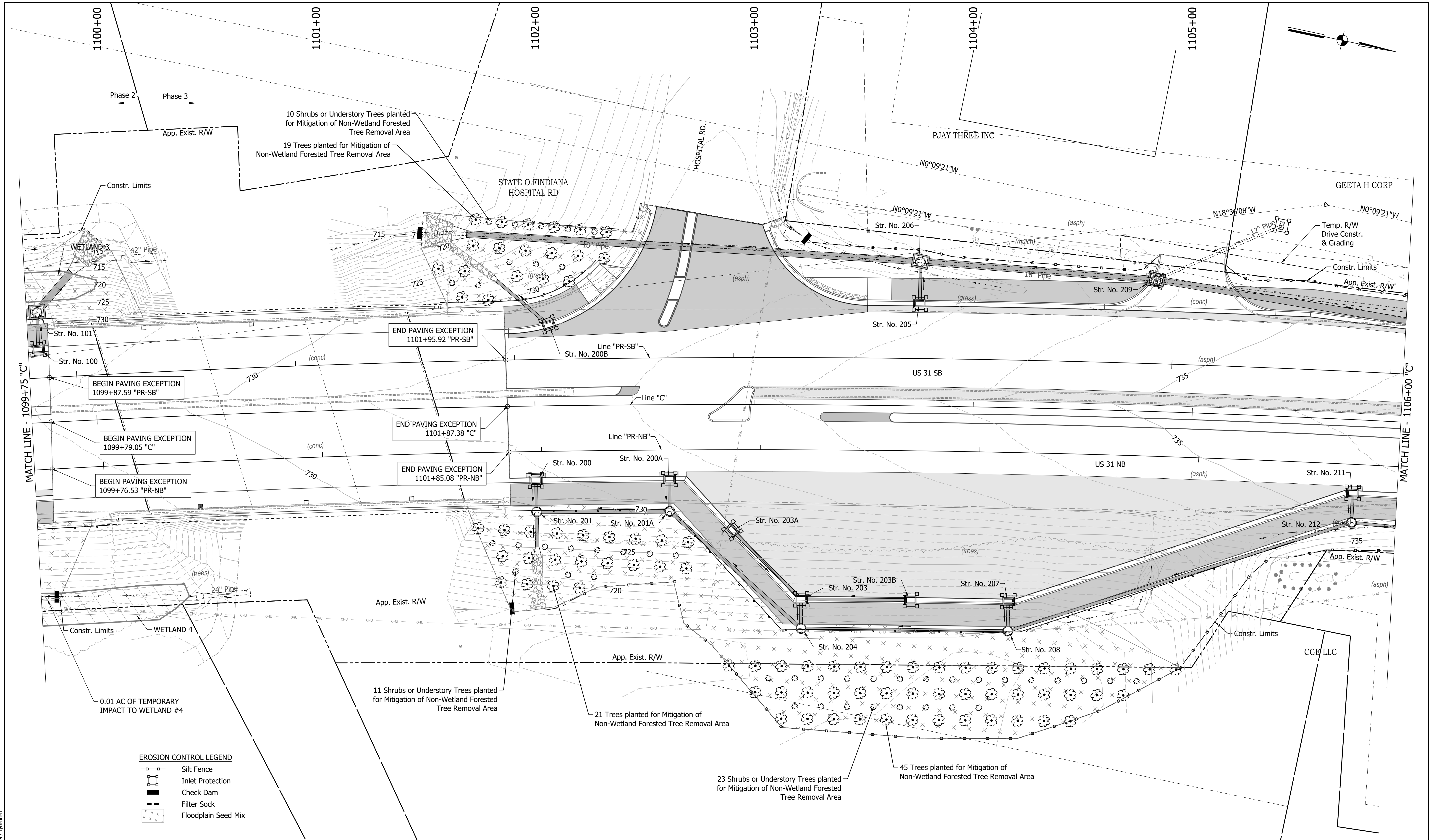
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 DATE/USER : 11/2/2021 2:16 PM / Rgardner

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
	RDG	11/02/2021
DESIGNED: RDG	DRAWN: RDG	
CHECKED: MAM	CHECKED: MAM	

INDIANA DEPARTMENT OF TRANSPORTATION	
GENERAL PLAN - SECTION & NOTES US 31 OVER YOUNGS CREEK	

SCALE	BRIDGE FILE
As Noted	31-41-7875A
	DESIGNATION
	2001610
SURVEY BOOK	SHEETS
---	14 of 99
CONTRACT	PROJECT
R-41481	1800082



EROSION CONTROL LEGEND

	Silt Fence
	Inlet Protection
	Check Dam
	Filter Sock
	Floodplain Seed Mix

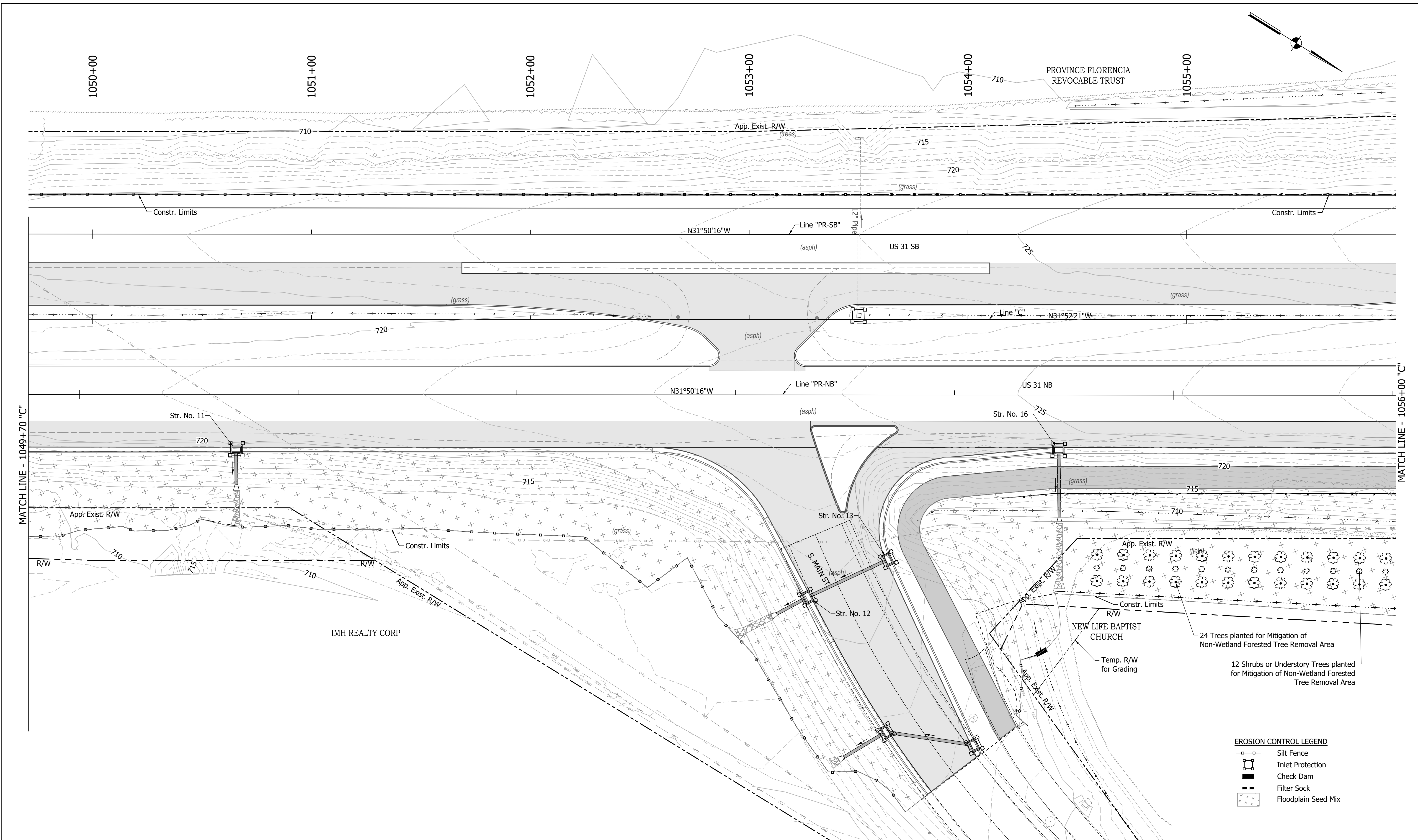
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	241 of 627
CONTRACT	PROJECT
R-41481	1800082



MATCH LINE - 1049+70 "C"

MATCH LINE - 1056+00 "C"

EROSION CONTROL LEGEND

	Silt Fence
	Inlet Protection
	Check Dam
	Filter Sock
	Floodplain Seed Mix

24 Trees planted for Mitigation of Non-Wetland Forested Tree Removal Area

12 Shrubs or Understory Trees planted for Mitigation of Non-Wetland Forested Tree Removal Area

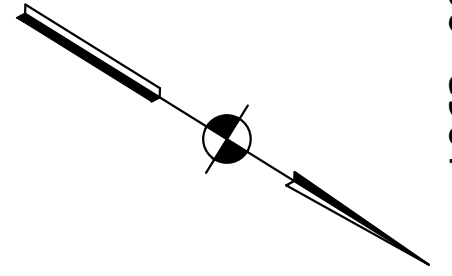
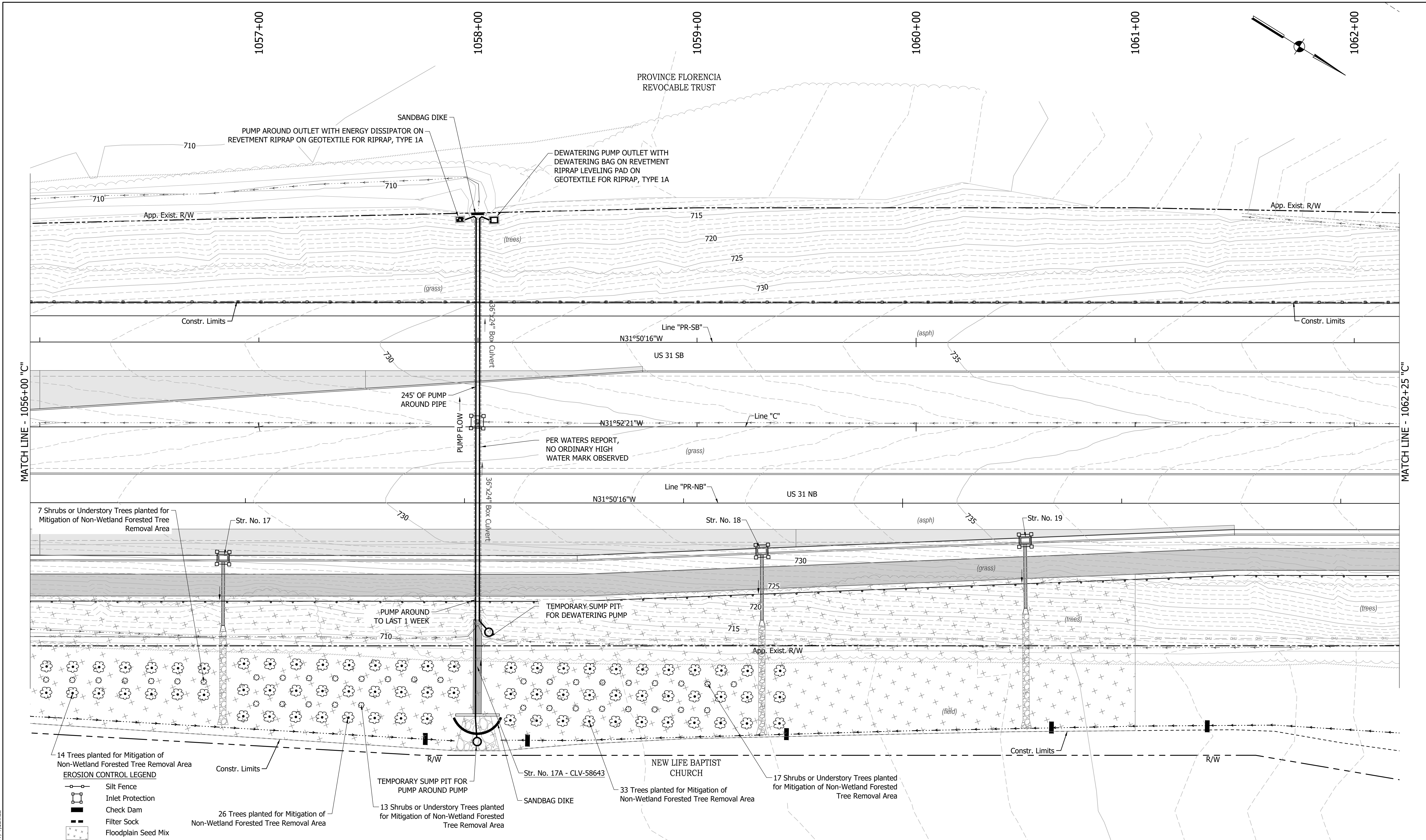
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	233 of 627
CONTRACT	PROJECT
R-41481	1800082

DIRECTORY PATH : R:\Active\Franklin, CHYVUS 31\Design\CAD\Plans
 FILENAME : EC-SOUTH.dwg
 DATE/TIME : 8/9/2022 4:33 PM / JYhemmet



MATCH LINE - 1056+00 "C"

MATCH LINE - 1062+25 "C"

- EROSION CONTROL LEGEND**
- Silt Fence
 - Inlet Protection
 - Check Dam
 - Filter Sock
 - Floodplain Seed Mix

14 Trees planted for Mitigation of Non-Wetland Forested Tree Removal Area

26 Trees planted for Mitigation of Non-Wetland Forested Tree Removal Area

13 Shrubs or Understory Trees planted for Mitigation of Non-Wetland Forested Tree Removal Area

33 Trees planted for Mitigation of Non-Wetland Forested Tree Removal Area

17 Shrubs or Understory Trees planted for Mitigation of Non-Wetland Forested Tree Removal Area

DIRECTORY PATH : R:\Active\Franklin_Oryx\3D\Design\CAD\Plans
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 DATE/TIME : 8/17/2022 4:38 pm / 1/psmett

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: MAM	DRAWN: RTB	
CHECKED: MAB	CHECKED: MAM	

INDIANA
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL

HORIZONTAL SCALE	BRIDGE FILE
1"=20'	
VERTICAL SCALE	DESIGNATION
N/A	1800082
SURVEY BOOK	SHEETS
	234 of 627
CONTRACT	PROJECT
R-41481	1800082