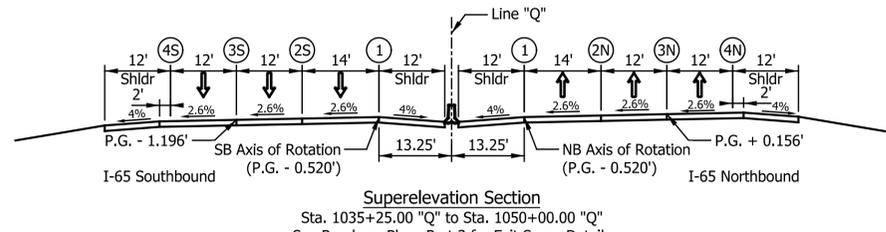
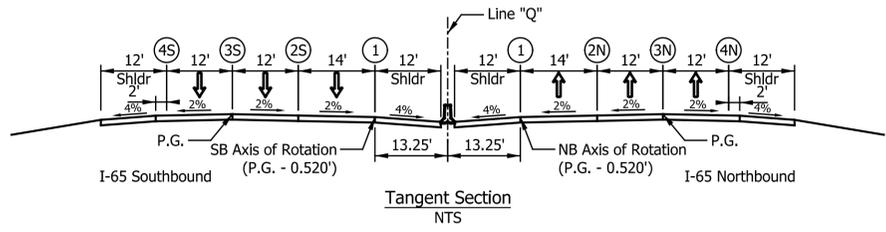
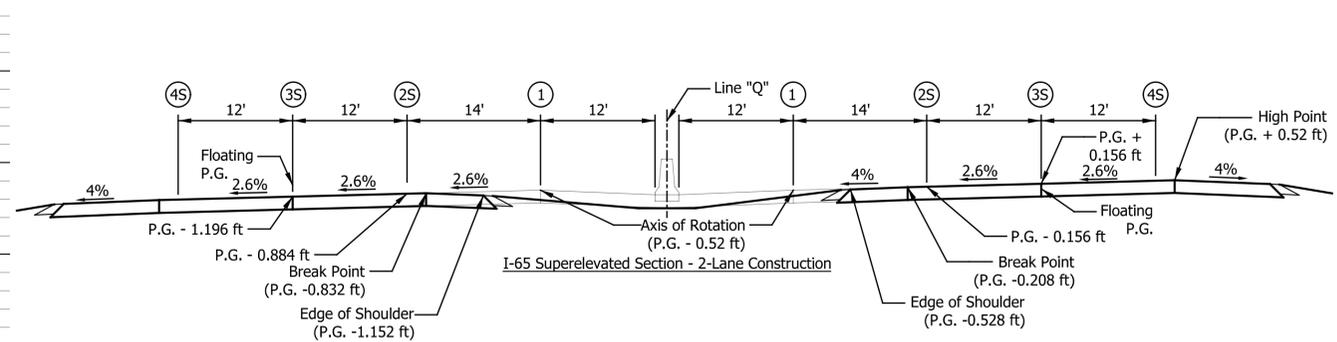
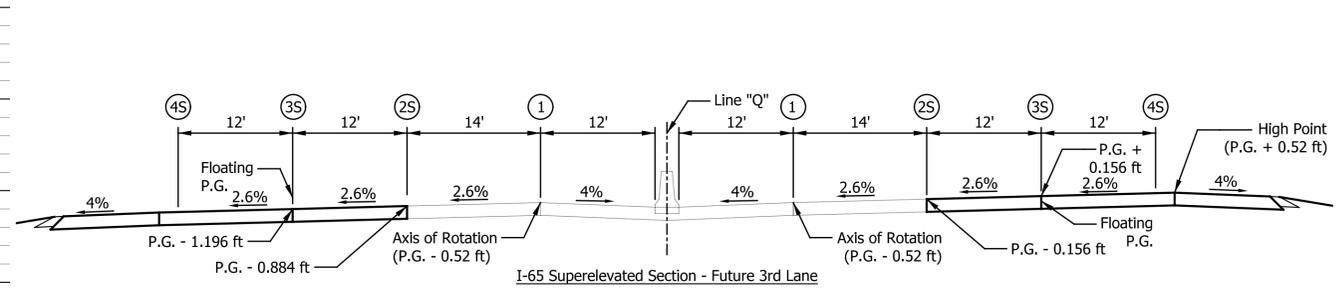
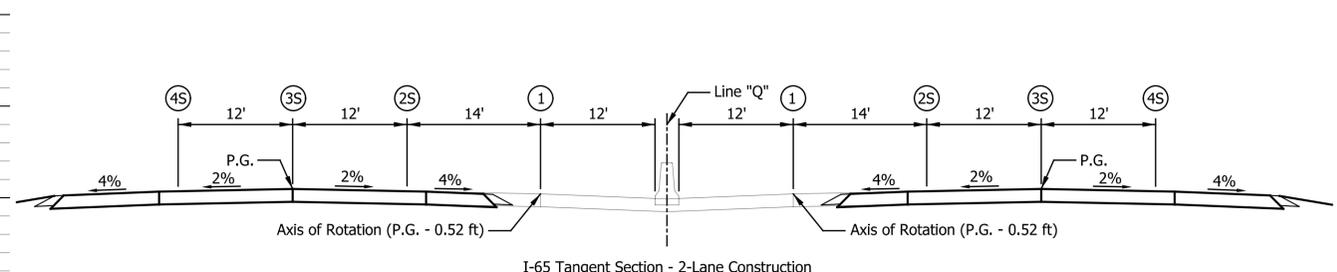
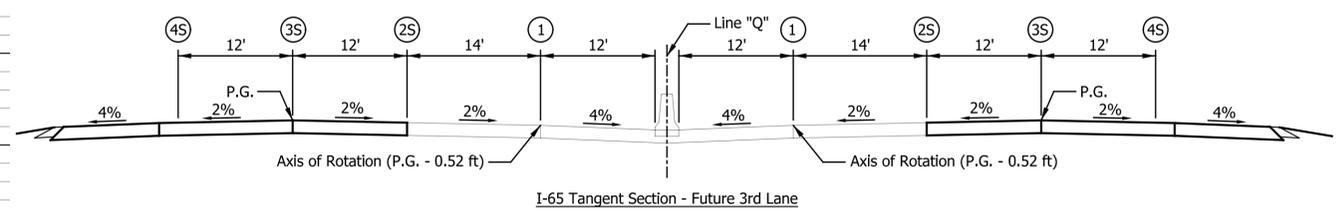


P.I. = 1062+56.83 "Q"  
 D = 33° 30' 00" (LT)  
 T = 2,463.70'  
 L = 4,786.22'  
 R = 8,185.98'  
 S.E. = 2.6%  
 Design Speed = 70 M.P.H.

CONCEPTUAL TYPICAL SECTIONS FOR FUTURE ADDED TRAVEL LANE DEVELOPMENT



Superelevation Section  
 Sta. 1035+25.00 "Q" to Sta. 1050+00.00 "Q"  
 See Roadway Plans Part 3 for Exit Super Details  
 NTS

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: ZLM	
CHECKED: CDH	CHECKED: PKW	

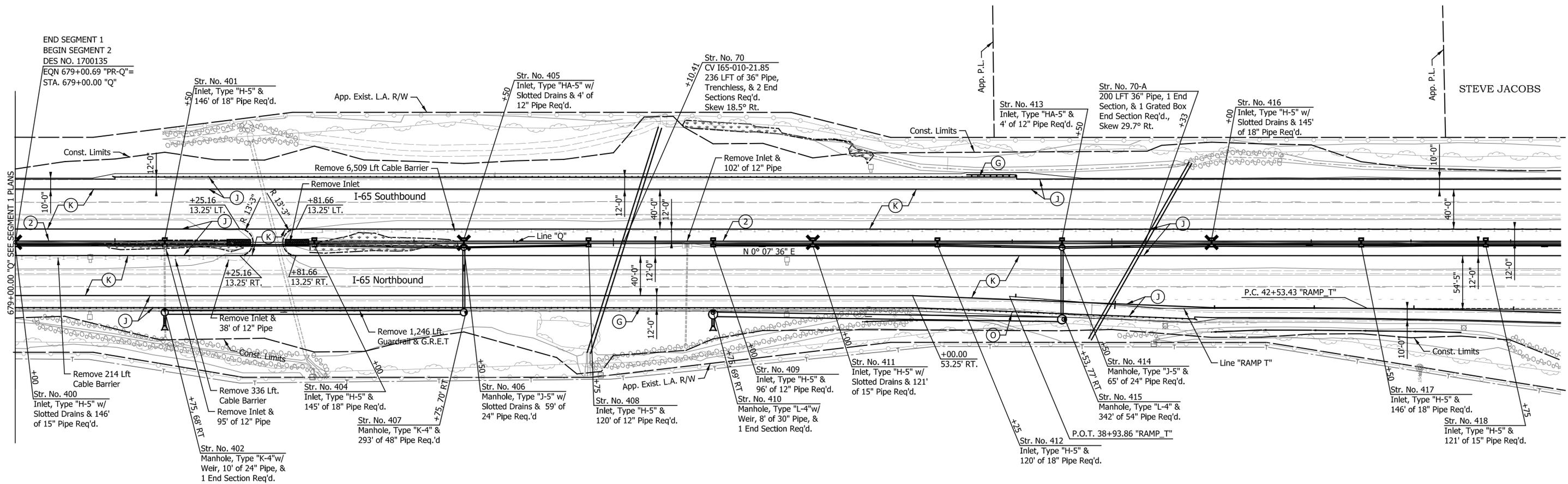
INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 SUPERELEVATION TRANSITION DIAGRAM  
 LINE "Q"

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
1" = 0.5'	1700135
SURVEY BOOK	SHEETS
N/A	118 of 181
CONTRACT	PROJECT
R-41529	1700135

InRoads  
 Indiana\_Shafe.tbl



SEC. 30, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY



LEGEND

- (K) Full Depth HMA Pavement (See Typical Sections)
- (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
- (G) MGS W-Beam Guardrail
- (G1) Cable Barrier System, Type TL-4
- (M) Milling, Asphalt, X.X"
- (O) Compacted Aggregate, No. 53
- (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
- (2) Concrete Median Barrier, 45"
- (27) Seed Mixture, R

NOTES:  
Lines "Q" and "PR-Q" to be Constructed.

All Stationing Described from Line "Q",  
Except as Noted.

All Topographic Information Described  
from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

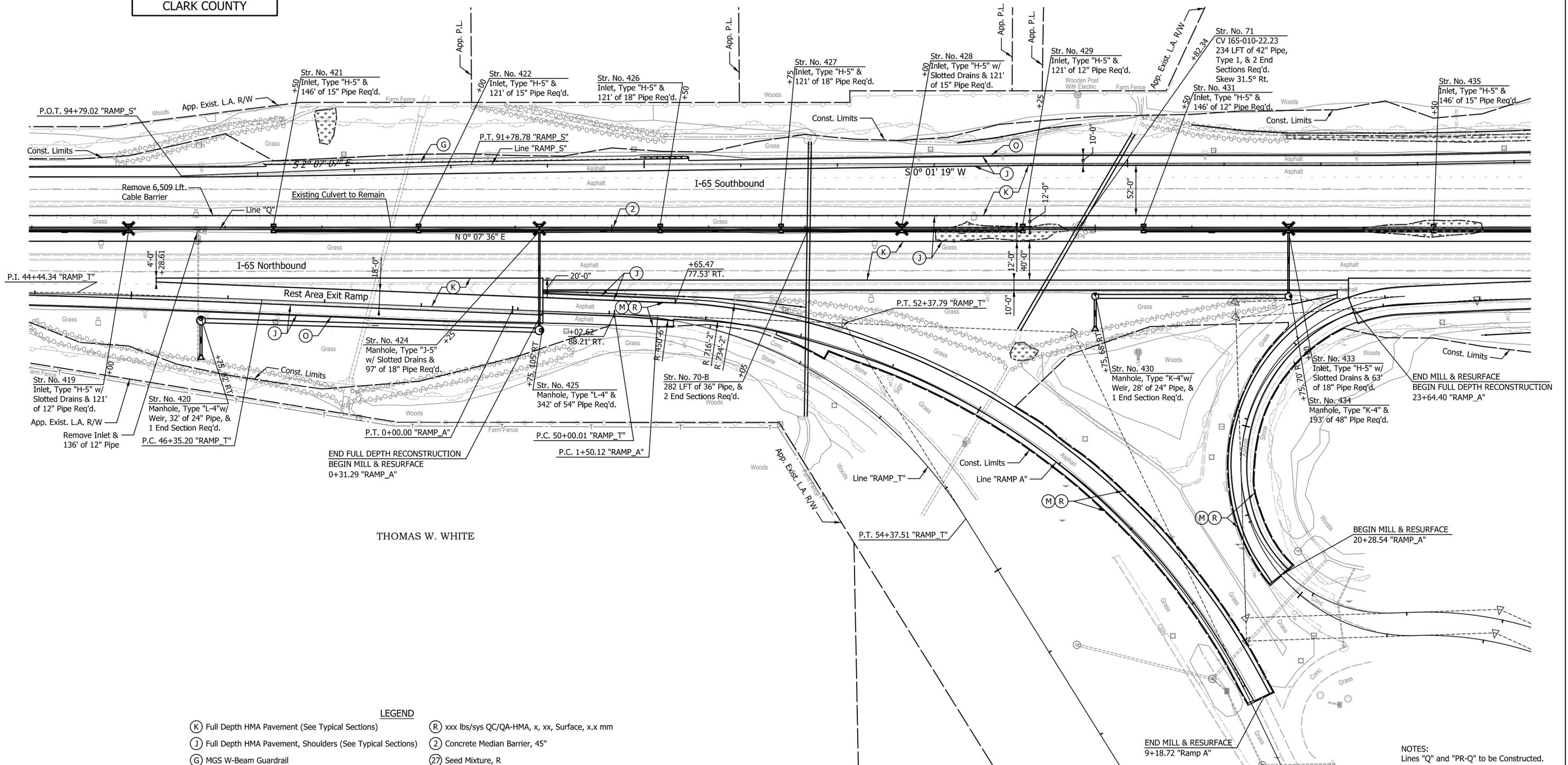
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	119 of 181
CONTRACT	PROJECT
R-41529	1700135

695

700

705

SEC. 30, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY



THOMAS W. WHITE

LEGEND

- (K) Full Depth HMA Pavement (See Typical Sections)
- (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
- (G) MGS W-Beam Guardrail
- (Gi) Cable Barrier System, Type TL-4
- (M) Milling, Asphalt, X.X"
- (O) Compacted Aggregate, No. 53
- (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
- (2) Concrete Median Barrier, 45"
- (27) Seed Mixture, R

NOTES:  
Lines "Q" and "PR-Q" to be Constructed.

All Stationing Described from Line "Q",  
Except as Noted.

All Topographic Information Described  
from Line "Q", Except as Noted.

DATE	REVISION

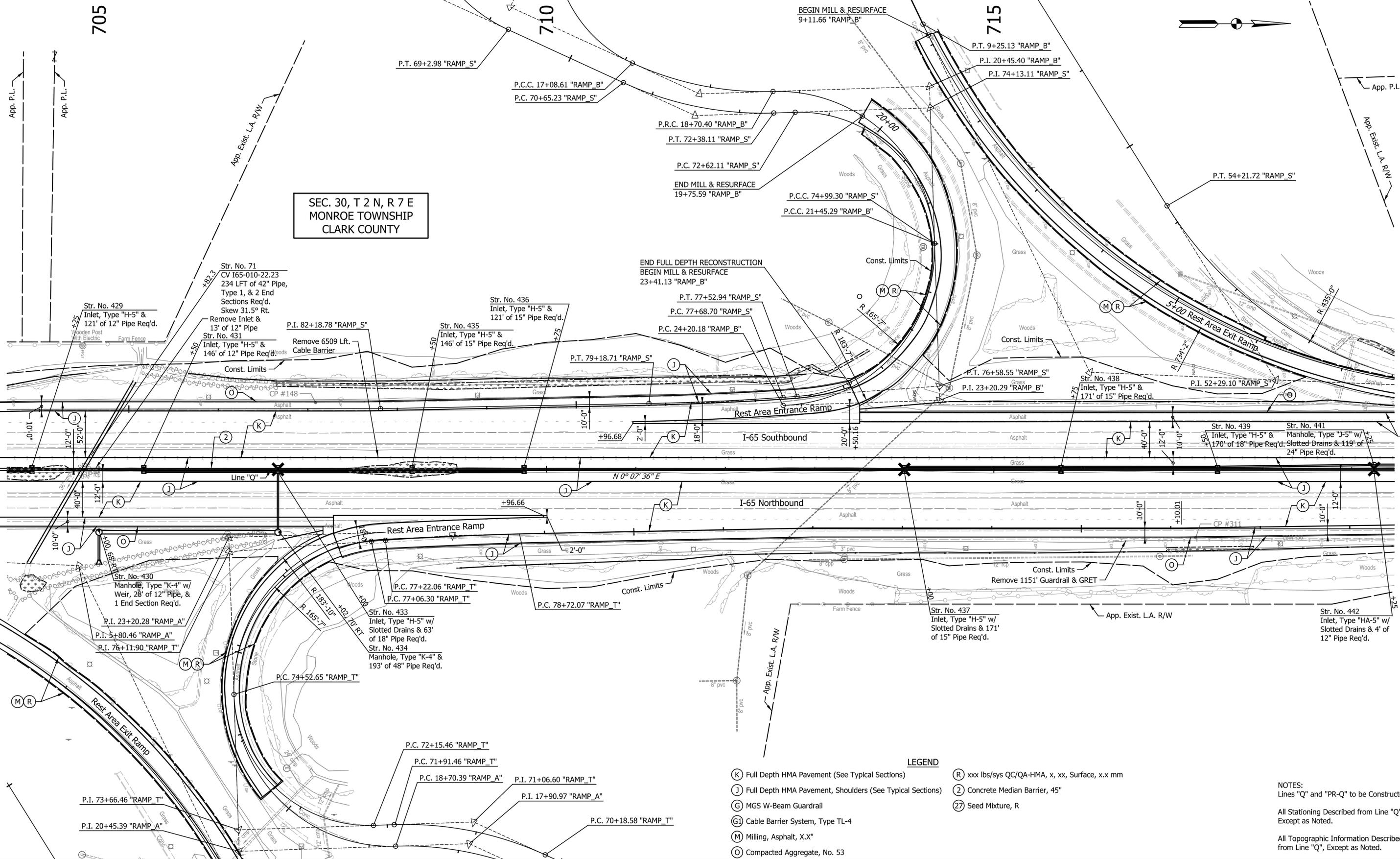
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

INDIANA  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 120 of 181
CONTRACT R-41529	PROJECT 1700135

SEC. 30, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (C) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
Lines "Q" and "PR-Q" to be Constructed.  
All Stationing Described from Line "Q", Except as Noted.  
All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 121 of 181
CONTRACT R-41529	PROJECT 1700135



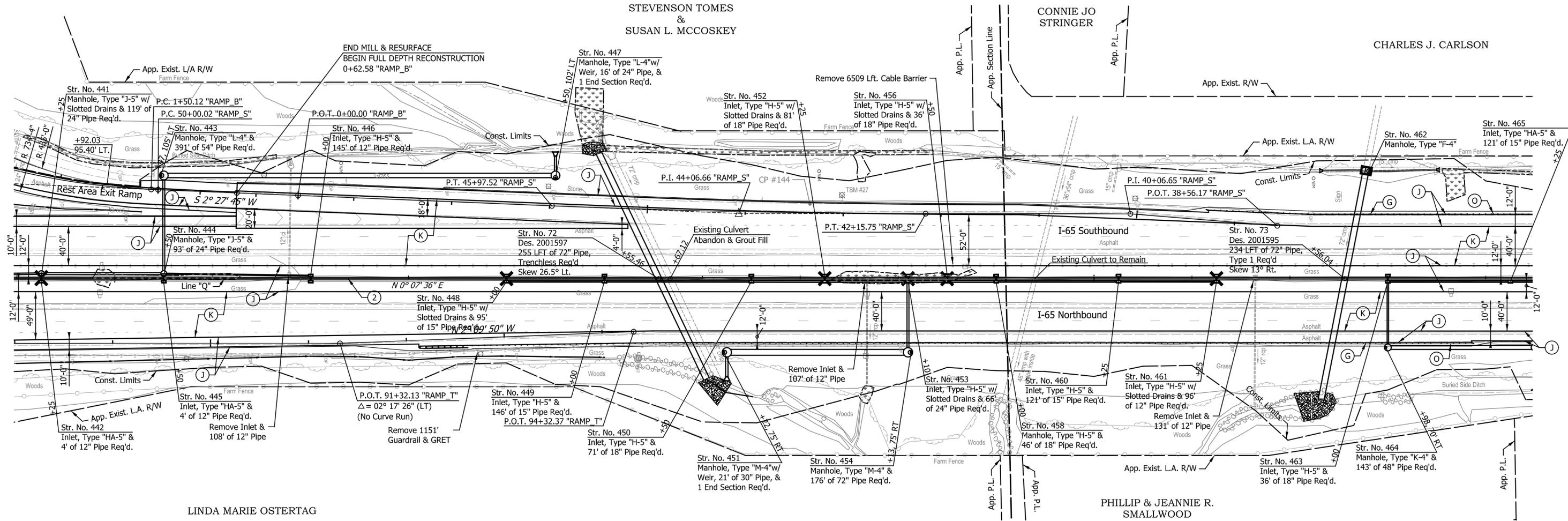
SEC. 30, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY

SEC. 19, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY

STEVENSON TOMES  
&  
SUSAN L. MCCOSKEY

CONNIE JO  
STRINGER

CHARLES J. CARLSON



LINDA MARIE OSTERTAG

PHILLIP & JEANNIE R.  
SMALLWOOD

- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (C) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
Lines "Q" and "PR-Q" to be Constructed.  
All Stationing Described from Line "Q",  
Except as Noted.  
All Topographic Information Described  
from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

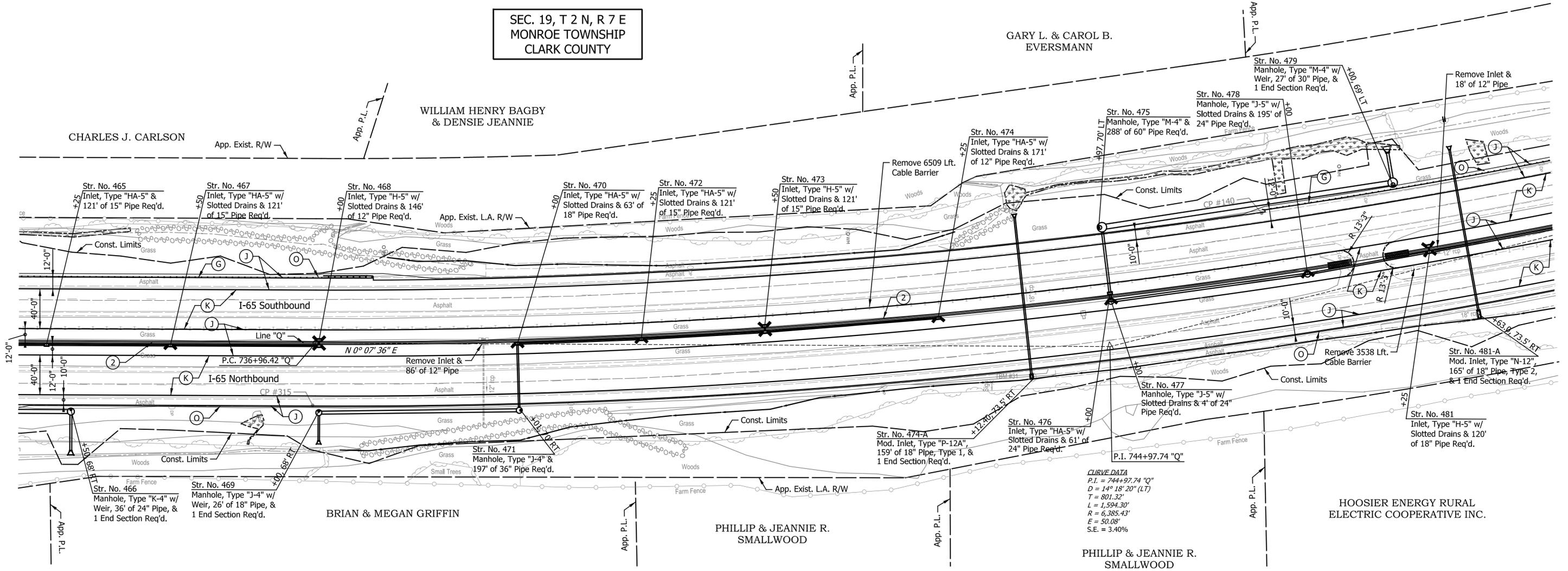
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	122 of 181
CONTRACT	PROJECT
R-41529	1700135



SEC. 19, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY



**CURVE DATA**  
P.I. = 744+97.74 "Q"  
D = 14° 18' 20" (LT)  
T = 801.32'  
L = 1,594.30'  
R = 6,385.43'  
E = 50.08'  
S.E. = 3.40%

- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (C) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
Lines "Q" and "PR-Q" to be Constructed.  
All Stationing Described from Line "Q", Except as Noted.  
All Topographic Information Described from Line "Q", Except as Noted.

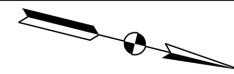
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

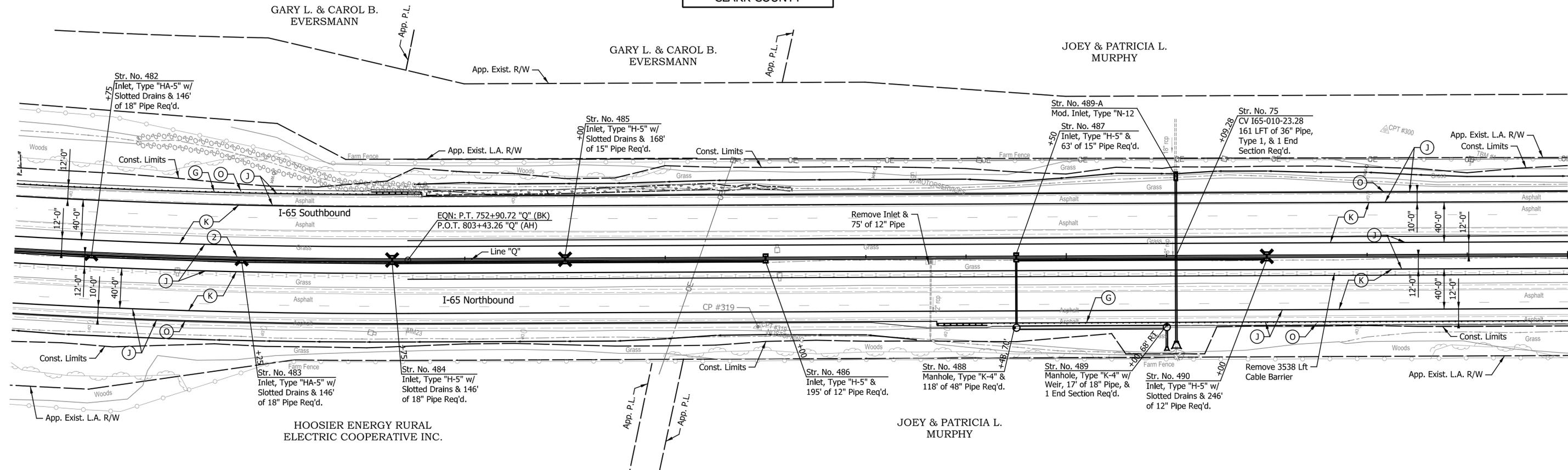
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	123 of 181
CONTRACT	PROJECT
R-41529	1700135



SEC. 19, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "Q", Except as Noted.  
 All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

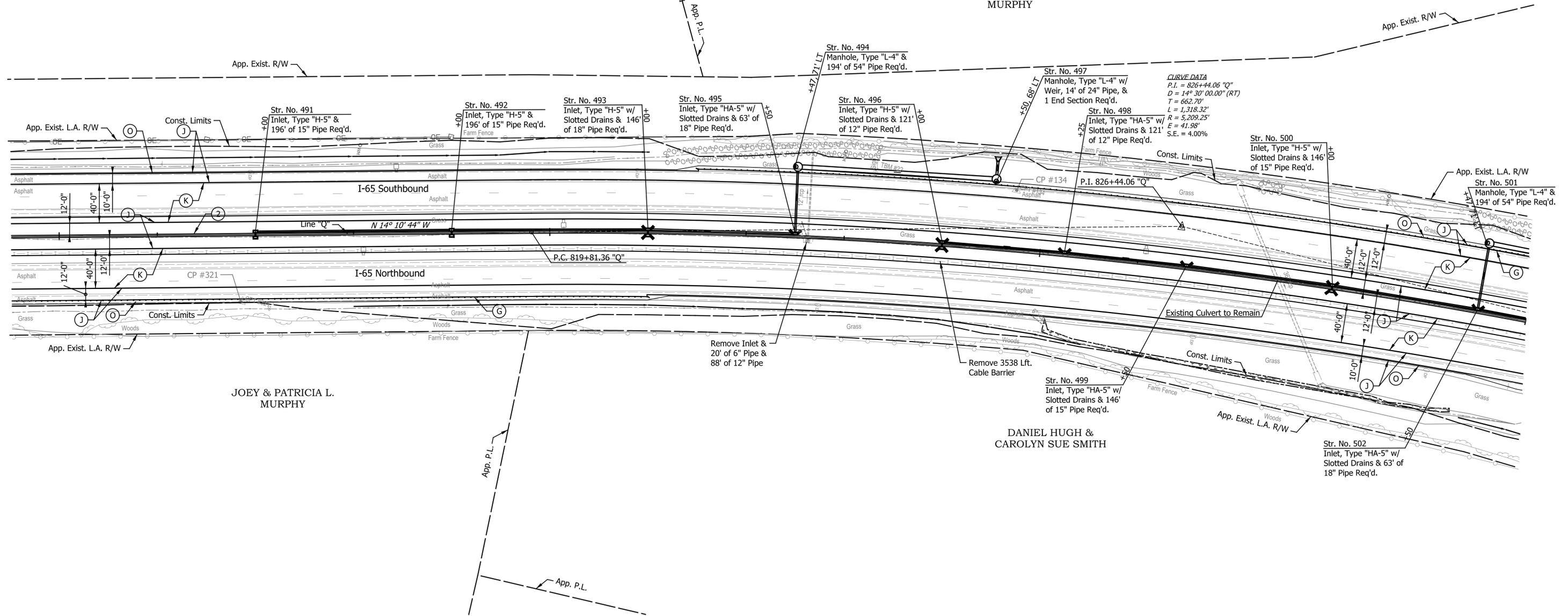
**CONSTRUCTION DETAILS**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 124 of 181
CONTRACT R-41529	PROJECT 1700135

SEC. 19, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY

JOEY & PATRICIA L.  
MURPHY

DANIEL HUGH &  
CAROLYN SUE SMITH



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "Q", Except as Noted.  
 All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

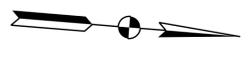
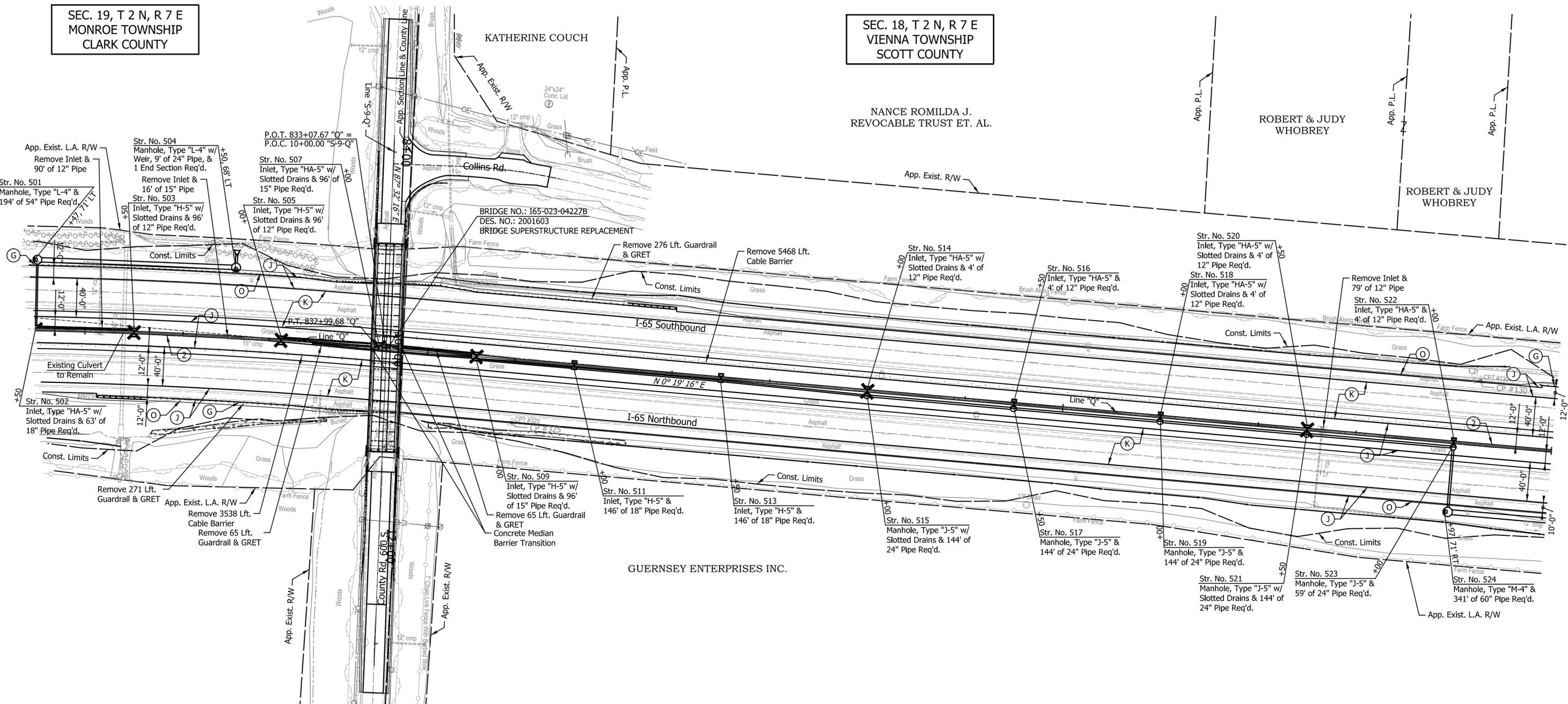
**CONSTRUCTION DETAILS**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 125 of 181
CONTRACT R-41529	PROJECT 1700135



SEC. 19, T 2 N, R 7 E  
MONROE TOWNSHIP  
CLARK COUNTY

SEC. 18, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



LEGEND

- (K) Full Depth HMA Pavement (See Typical Sections)
- (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
- (G) MGS W-Beam Guardrail
- (C) Cable Barrier System, Type TL-4
- (M) Milling, Asphalt, X.X"
- (O) Compacted Aggregate, No. 53
- (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
- (2) Concrete Median Barrier, 45"
- (27) Seed Mixture, R

NOTES:  
Line "Q" to be Constructed.

All Topographic Information Described From Line "Q", Except as Noted.

See Bridge Plans for additional information for County Line Road.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

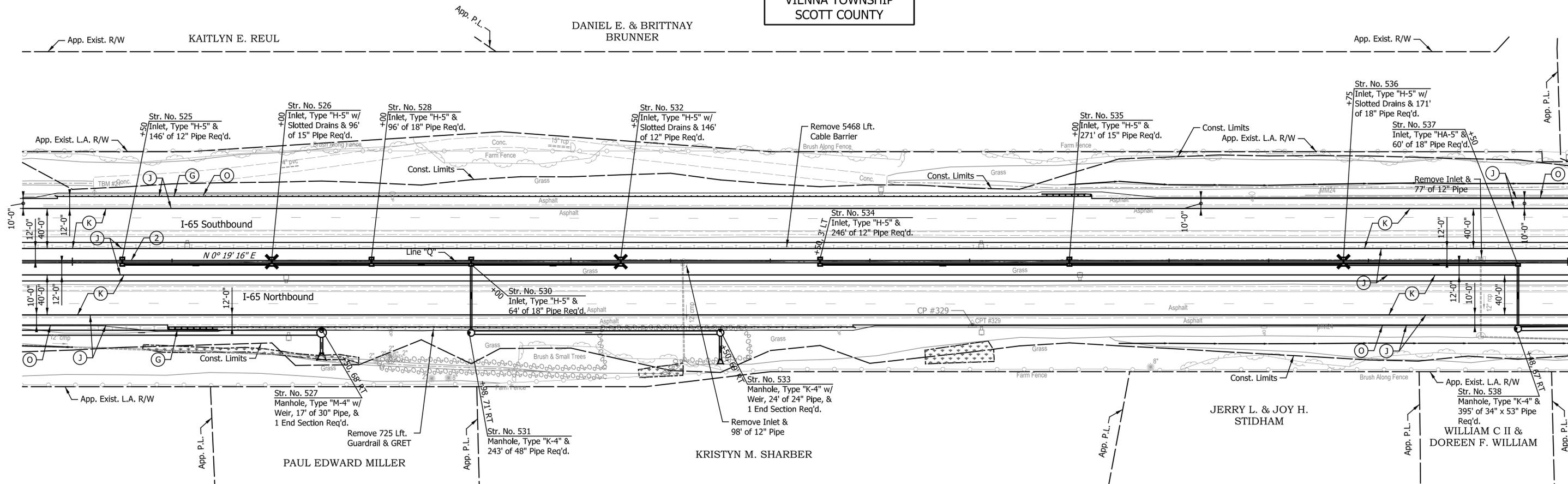
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 126 of 181
CONTRACT R-41529	PROJECT 1700135



SEC. 18, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (C) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "Q", Except as Noted.  
 All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

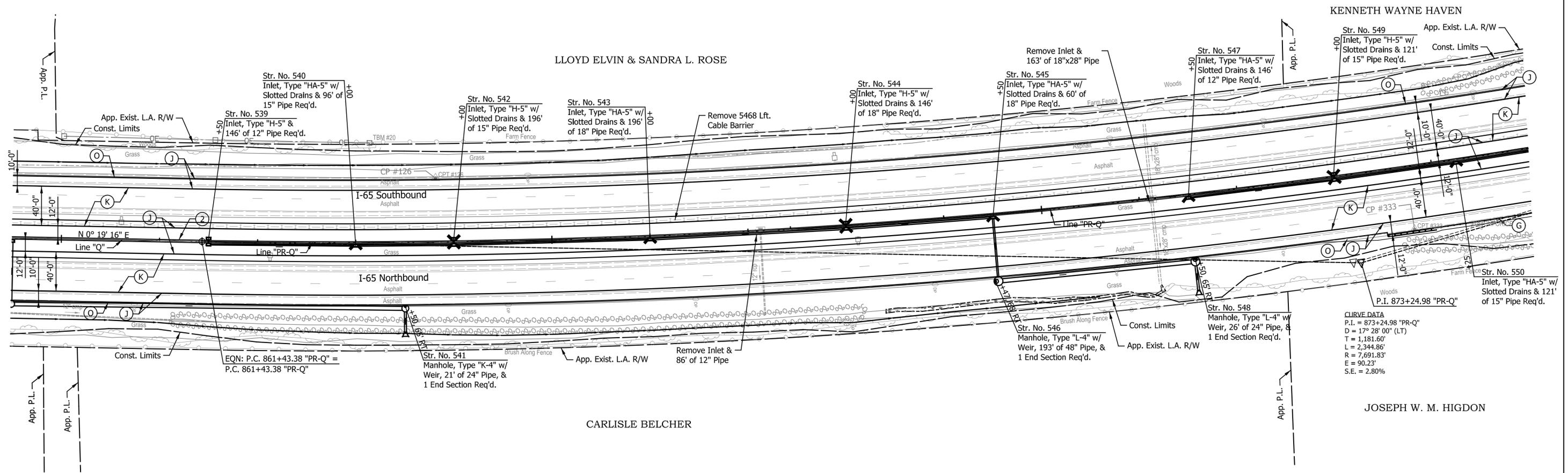
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 127 of 181
CONTRACT R-41529	PROJECT 1700135



SEC. 18, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (C) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "PR-Q", Except as Noted.  
 All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

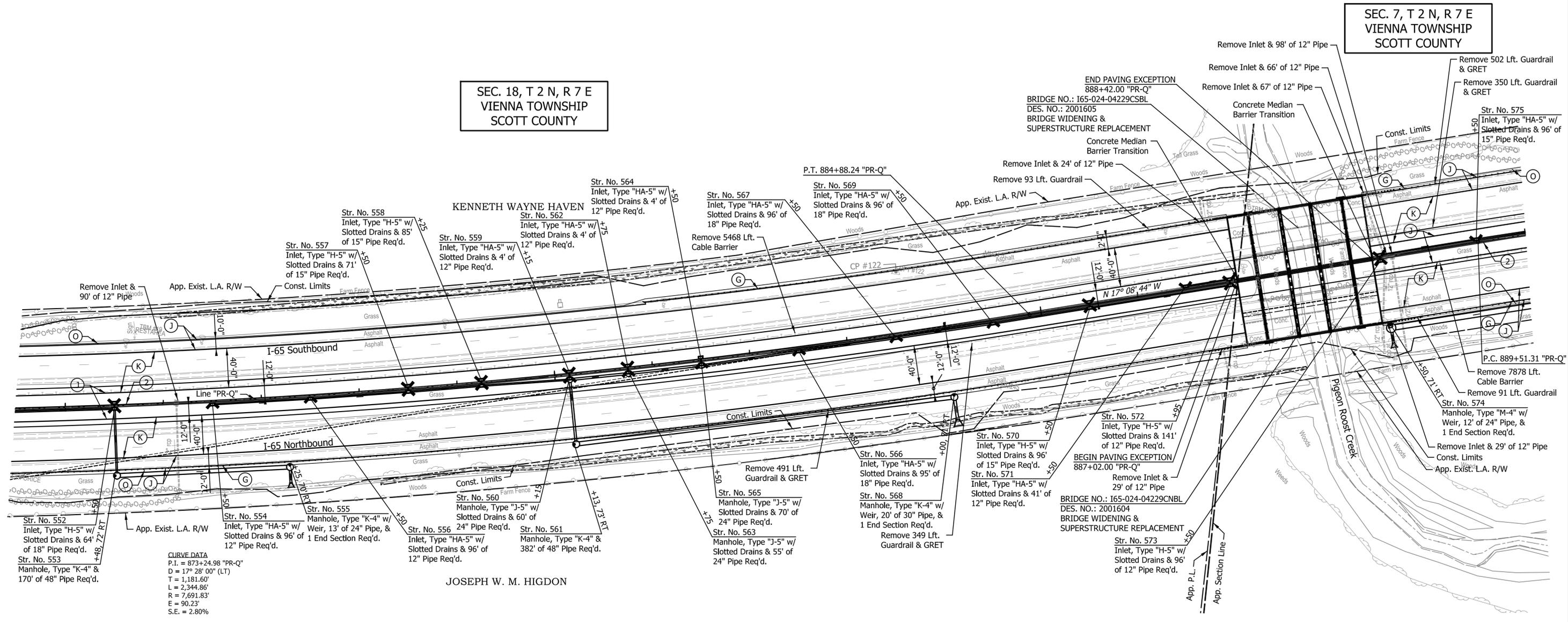
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 128 of 181
CONTRACT R-41529	PROJECT 1700135

SEC. 7, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY

SEC. 18, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



JOSEPH W. M. HIGDON

- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
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**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "PR-Q", Except as Noted.  
 All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

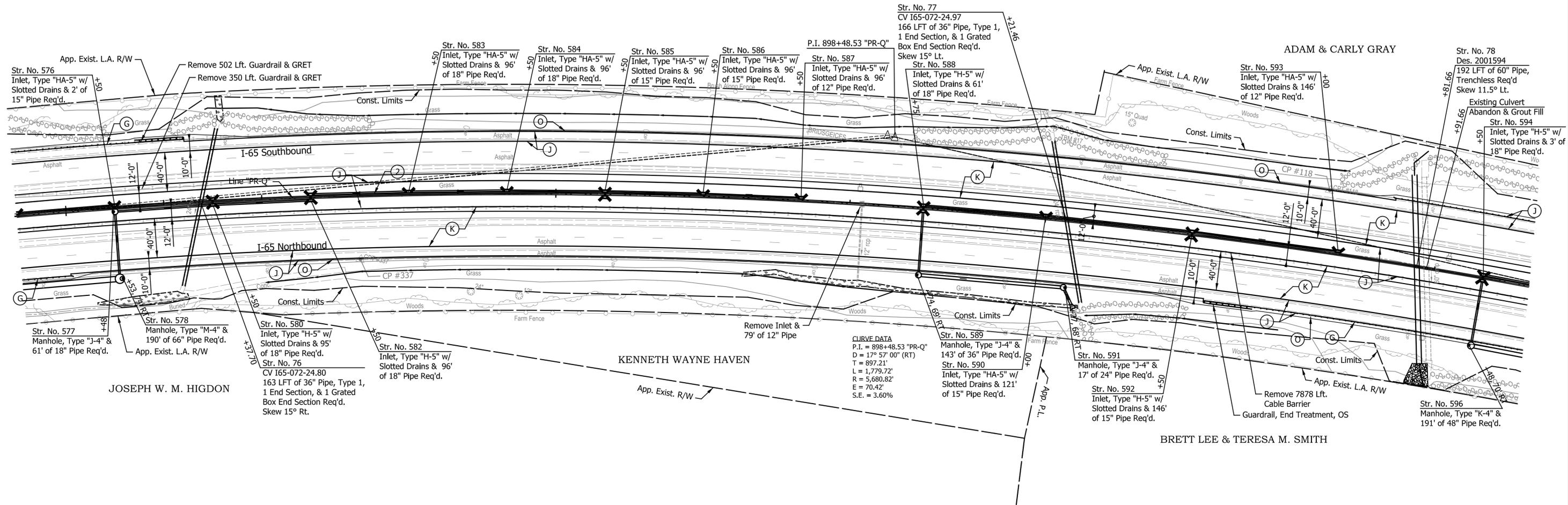
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	129 of 181
CONTRACT	PROJECT
R-41529	1700135

SEC. 7, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "PR-Q", Except as Noted.  
 All Topographic Information Described from Line "Q", Except as Noted.

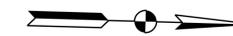
DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

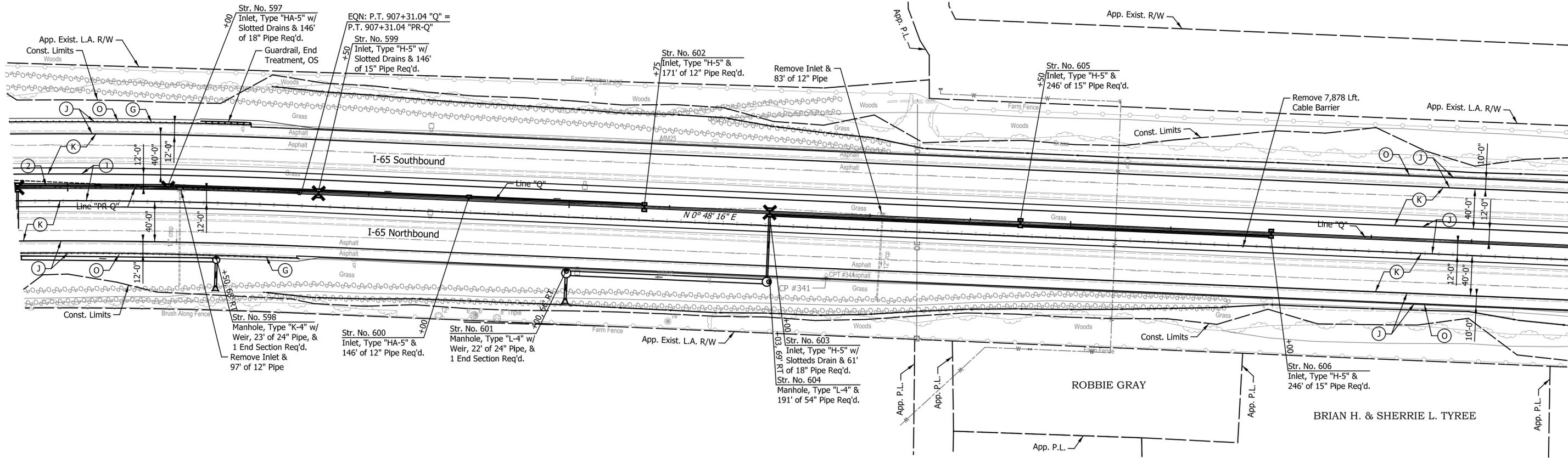
**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	130 of 181
CONTRACT	PROJECT
R-41529	1700135



SEC. 7, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY

ADAM & CARLY GRAY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (C) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "Q", Except as Noted.  
 All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

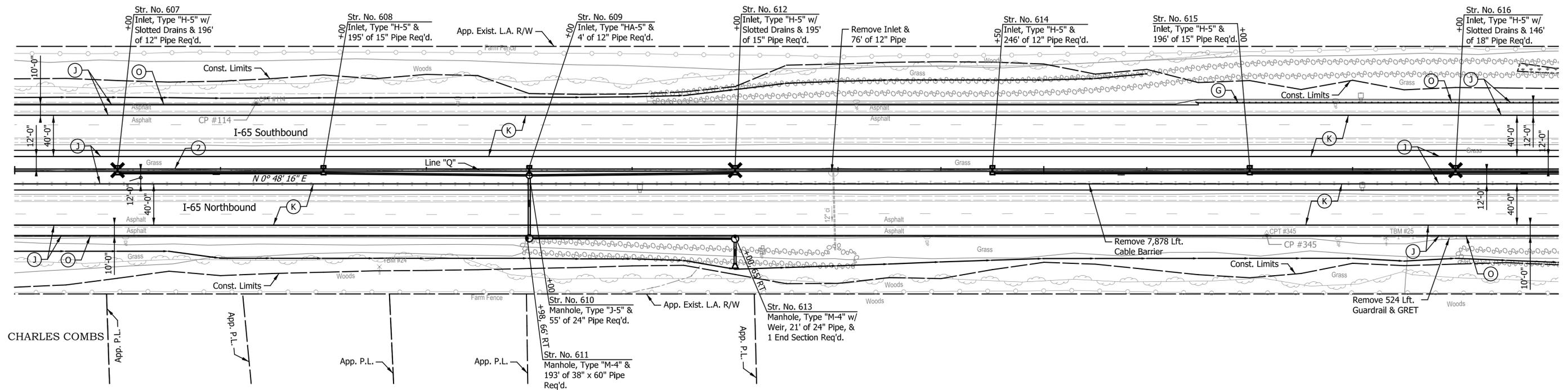
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 131 of 181
CONTRACT R-41529	PROJECT 1700135



SEC. 7, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY

DONNA D. CRAIG TRUSTEE ET. AL.

DONNA D. CRAIG TRUSTEE ET. AL.



CHARLES COMBS

LEGEND

- (K) Full Depth HMA Pavement (See Typical Sections)
- (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
- (G) MGS W-Beam Guardrail
- (G1) Cable Barrier System, Type TL-4
- (M) Milling, Asphalt, X.X"
- (O) Compacted Aggregate, No. 53
- (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
- (2) Concrete Median Barrier, 45"
- (27) Seed Mixture, R

NOTES:  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "Q",  
 Except as Noted.  
 All Topographic Information Described  
 from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

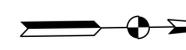
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

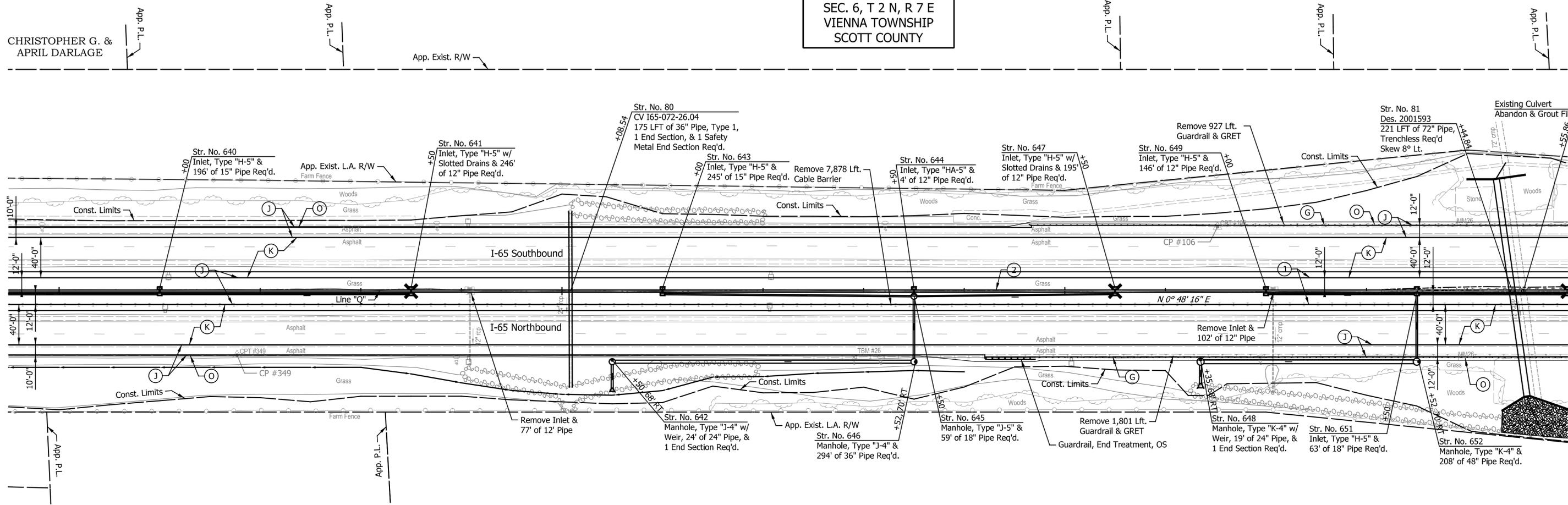
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	132 of 181
CONTRACT	PROJECT
R-41529	1700135







SEC. 6, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "Q", Except as Noted.  
 All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

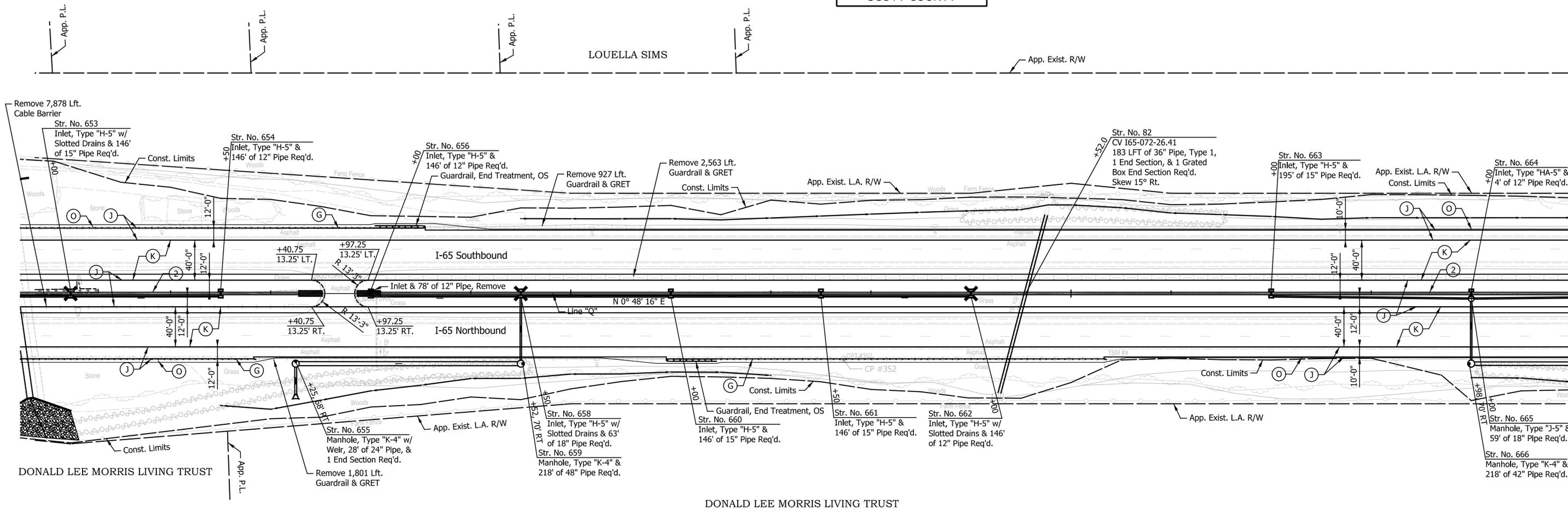
**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	134 of 181
CONTRACT	PROJECT
R-41529	1700135



SEC. 6, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY

LOUELLA SIMS



DONALD LEE MORRIS LIVING TRUST

LEGEND

- (K) Full Depth HMA Pavement (See Typical Sections)
- (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
- (G) MGS W-Beam Guardrail
- (G1) Cable Barrier System, Type TL-4
- (M) Milling, Asphalt, X.X"
- (O) Compacted Aggregate, No. 53
- (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
- (2) Concrete Median Barrier, 45"
- (27) Seed Mixture, R

NOTES:  
Lines "Q" and "PR-Q" to be Constructed.

All Stationing Described from Line "Q",  
Except as Noted.

All Topographic Information Described  
from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

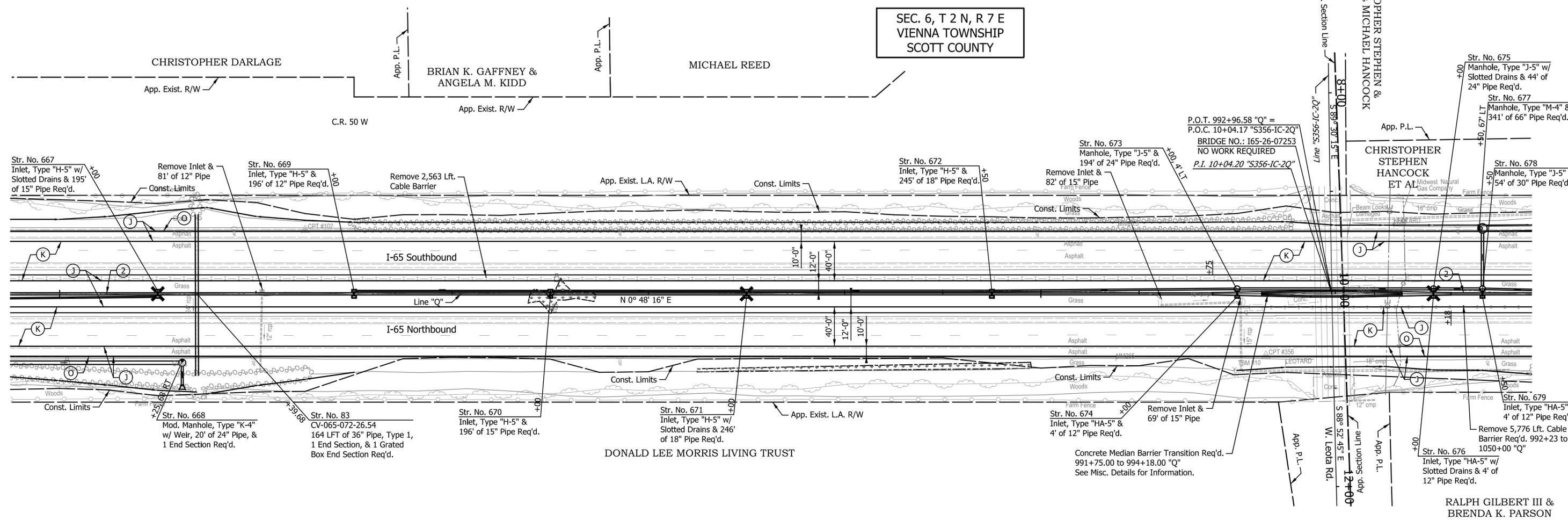
INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	135 of 181
CONTRACT	PROJECT
R-41529	1700135



SEC. 31, T 3 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY

SEC. 6, T 2 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



LEGEND

- (K) Full Depth HMA Pavement (See Typical Sections)
- (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
- (G) MGS W-Beam Guardrail
- (C) Cable Barrier System, Type TL-4
- (M) Milling, Asphalt, X.X"
- (O) Compacted Aggregate, No. 53
- (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
- (2) Concrete Median Barrier, 45"
- (27) Seed Mixture, R

NOTES:  
 Lines "Q" and "PR-Q" to be Constructed.  
 All Stationing Described from Line "Q",  
 Except as Noted.  
 All Topographic Information Described  
 from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

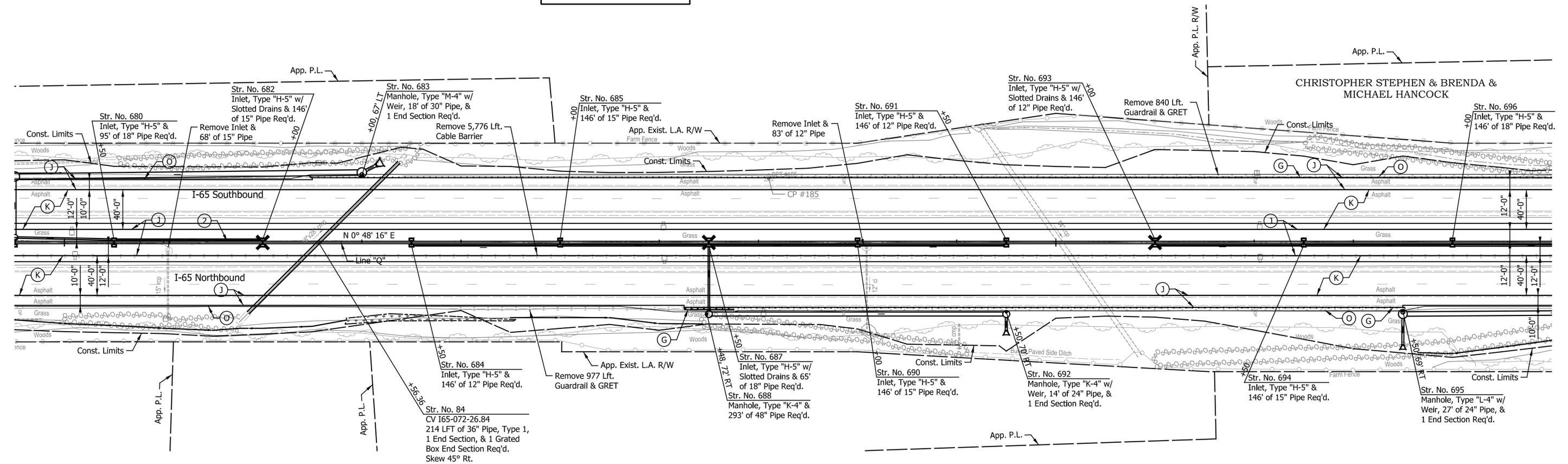
**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	136 of 181
CONTRACT	PROJECT
R-41529	1700135



SEC. 31, T 3 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
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**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
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 All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

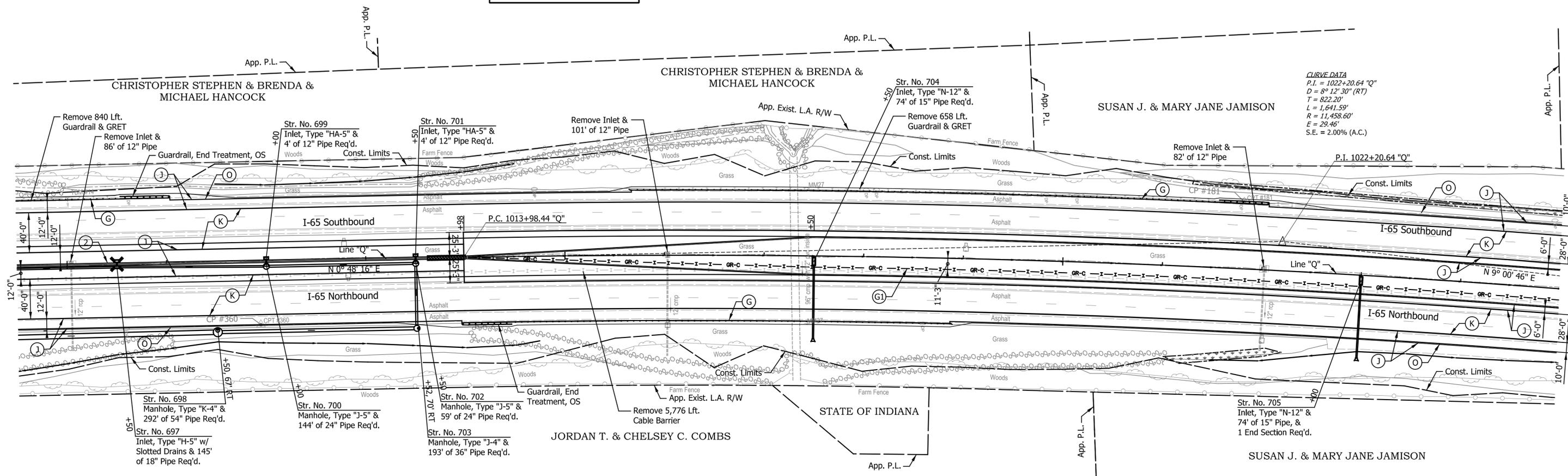
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	137 of 181
CONTRACT	PROJECT
R-41529	1700135



SEC. 31, T 3 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
 Lines "Q" and "PR-Q" to be Constructed.  
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DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

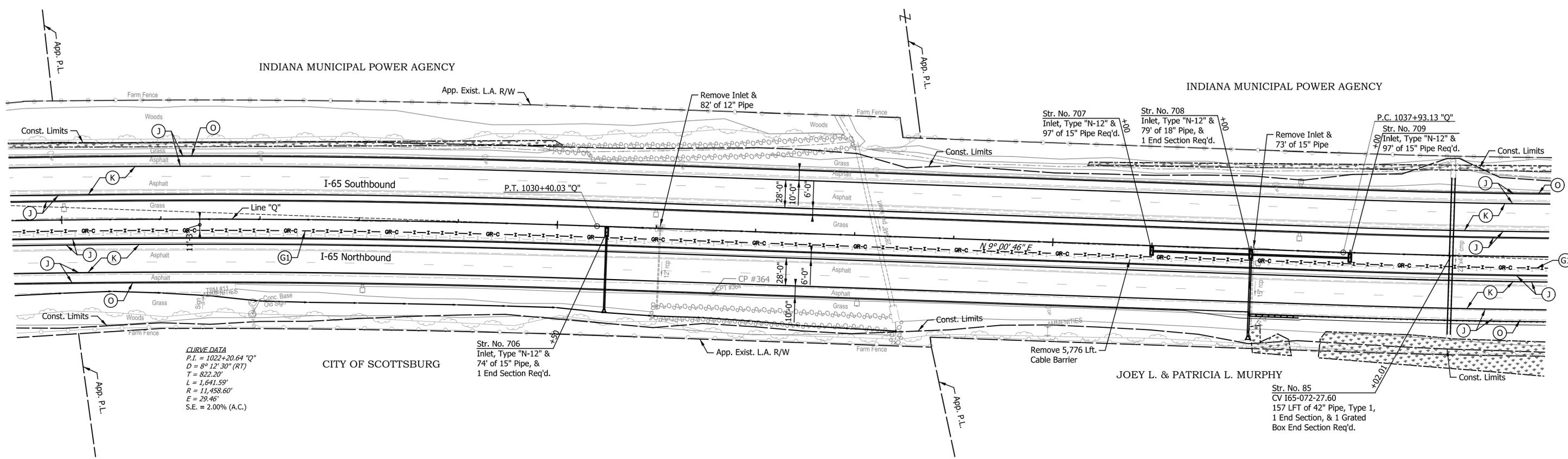
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	138 of 181
CONTRACT	PROJECT
R-41529	1700135



SEC. 31, T 3 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



**CURVE DATA**  
P.I. = 1022+20.64 "Q"  
D = 8° 12' 30" (RT)  
T = 822.20'  
L = 1,641.59'  
R = 11,458.60'  
E = 29.46'  
S.E. = 2.00% (A.C.)

- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
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**NOTES:**  
Lines "Q" and "PR-Q" to be Constructed.  
All Stationing Described from Line "Q", Except as Noted.  
All Topographic Information Described from Line "Q", Except as Noted.

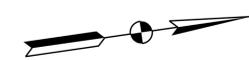
DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

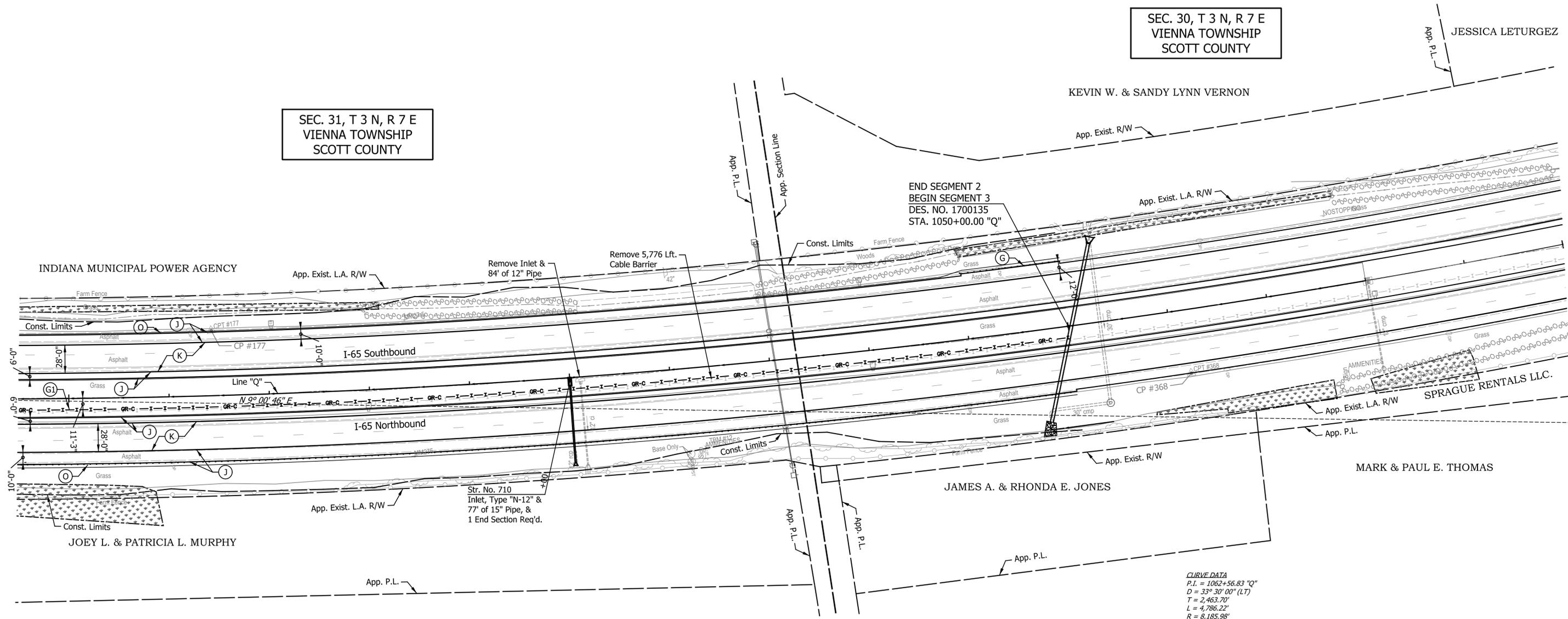
**CONSTRUCTION DETAILS**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 139 of 181
CONTRACT R-41529	PROJECT 1700135



SEC. 30, T 3 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY

SEC. 31, T 3 N, R 7 E  
VIENNA TOWNSHIP  
SCOTT COUNTY



**CURVE DATA**  
P.I. = 1062+56.83 "Q"  
D = 33° 30' 00" (LT)  
T = 2,463.70'  
L = 4,786.22'  
R = 8,185.98'  
E = 362.71'  
S.E. = 2.60%

- LEGEND**
- (K) Full Depth HMA Pavement (See Typical Sections)
  - (J) Full Depth HMA Pavement, Shoulders (See Typical Sections)
  - (G) MGS W-Beam Guardrail
  - (G1) Cable Barrier System, Type TL-4
  - (M) Milling, Asphalt, X.X"
  - (O) Compacted Aggregate, No. 53
  - (R) xxx lbs/sys QC/QA-HMA, x, xx, Surface, x.x mm
  - (2) Concrete Median Barrier, 45"
  - (27) Seed Mixture, R

**NOTES:**  
Lines "Q" and "PR-Q" to be Constructed.  
All Stationing Described from Line "Q", Except as Noted.  
All Topographic Information Described from Line "Q", Except as Noted.

DATE	REVISION

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS**

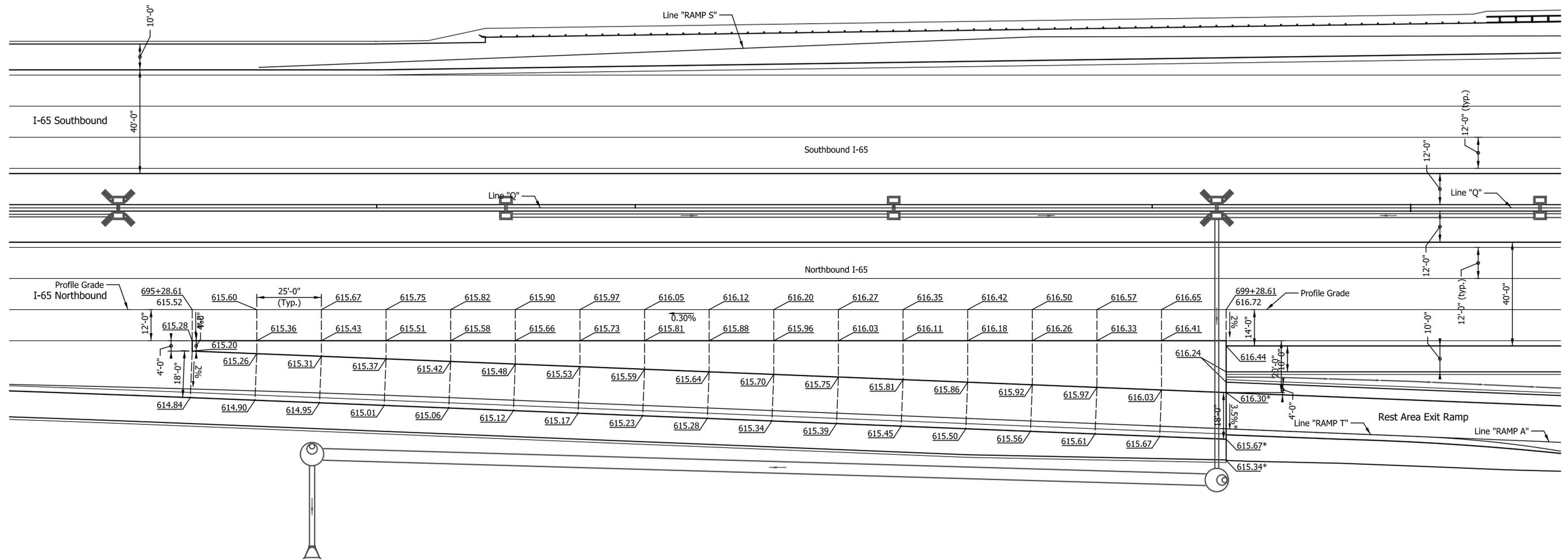
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	140 of 181
CONTRACT	PROJECT
R-41529	1700135





695

700



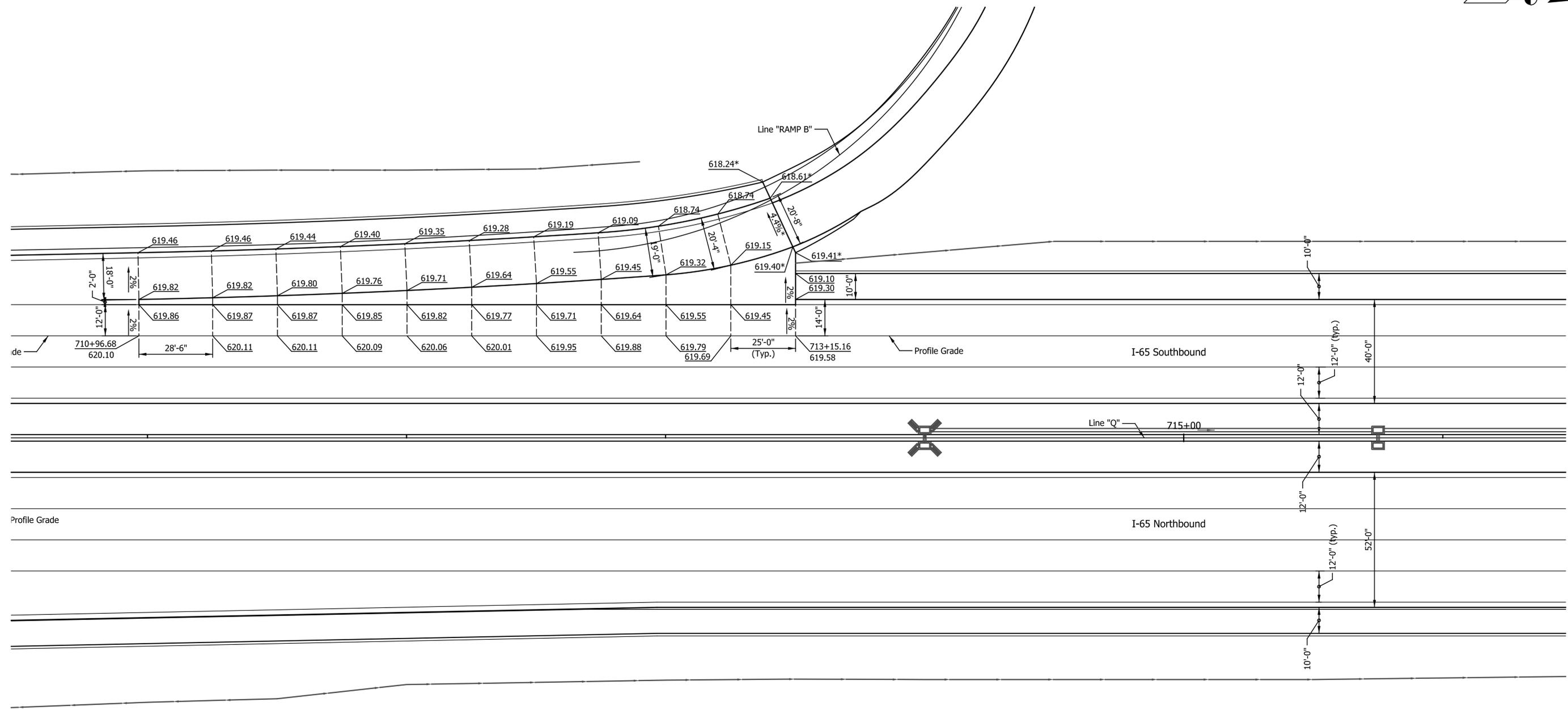
DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM _____	DRAWN: _____ BAD _____	
CHECKED: _____ PKW _____	CHECKED: _____ PKW _____	

INDIANA DEPARTMENT OF TRANSPORTATION	
SPOT ELEVATION DETAILS	

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 142 of 181
CONTRACT R-41529	PROJECT 1700135





DATE	REVISION

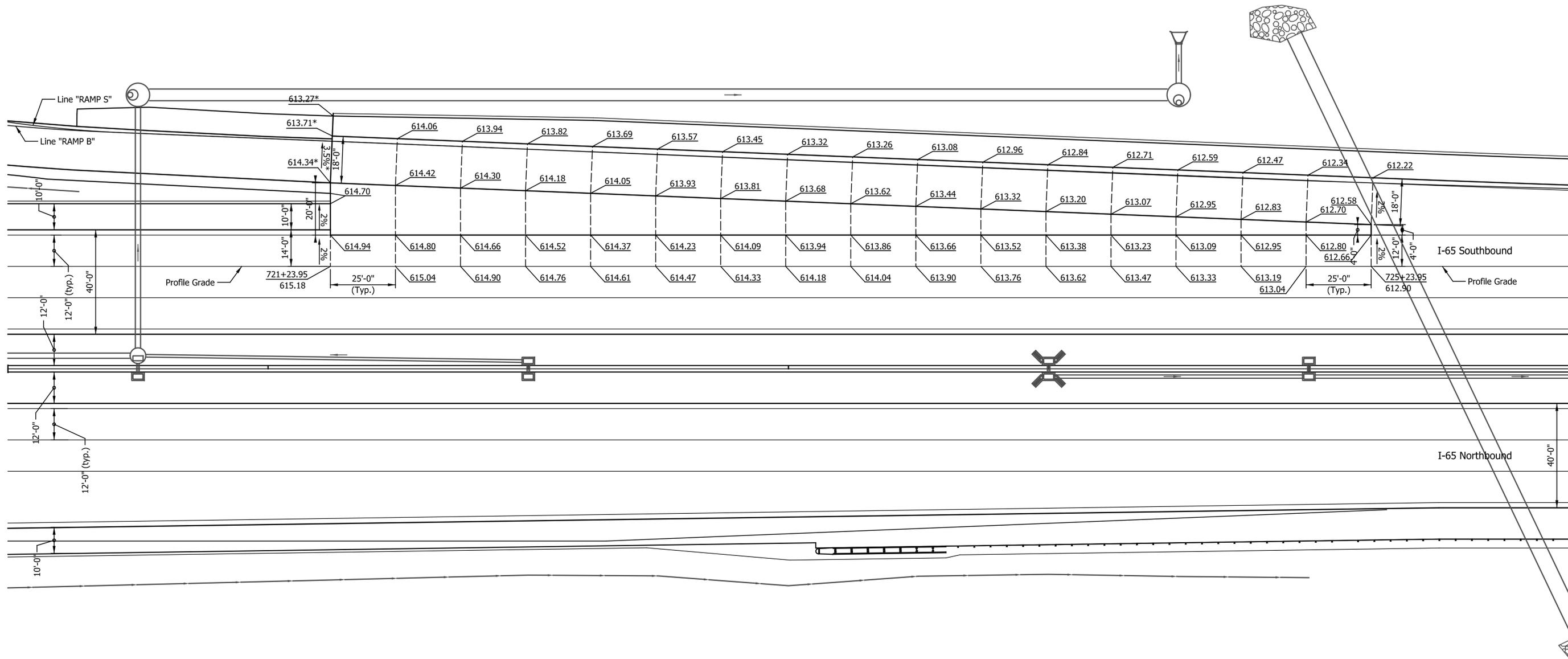

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**

---

**SPOT ELEVATION DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	144 of 181
CONTRACT	PROJECT
R-41529	1700135

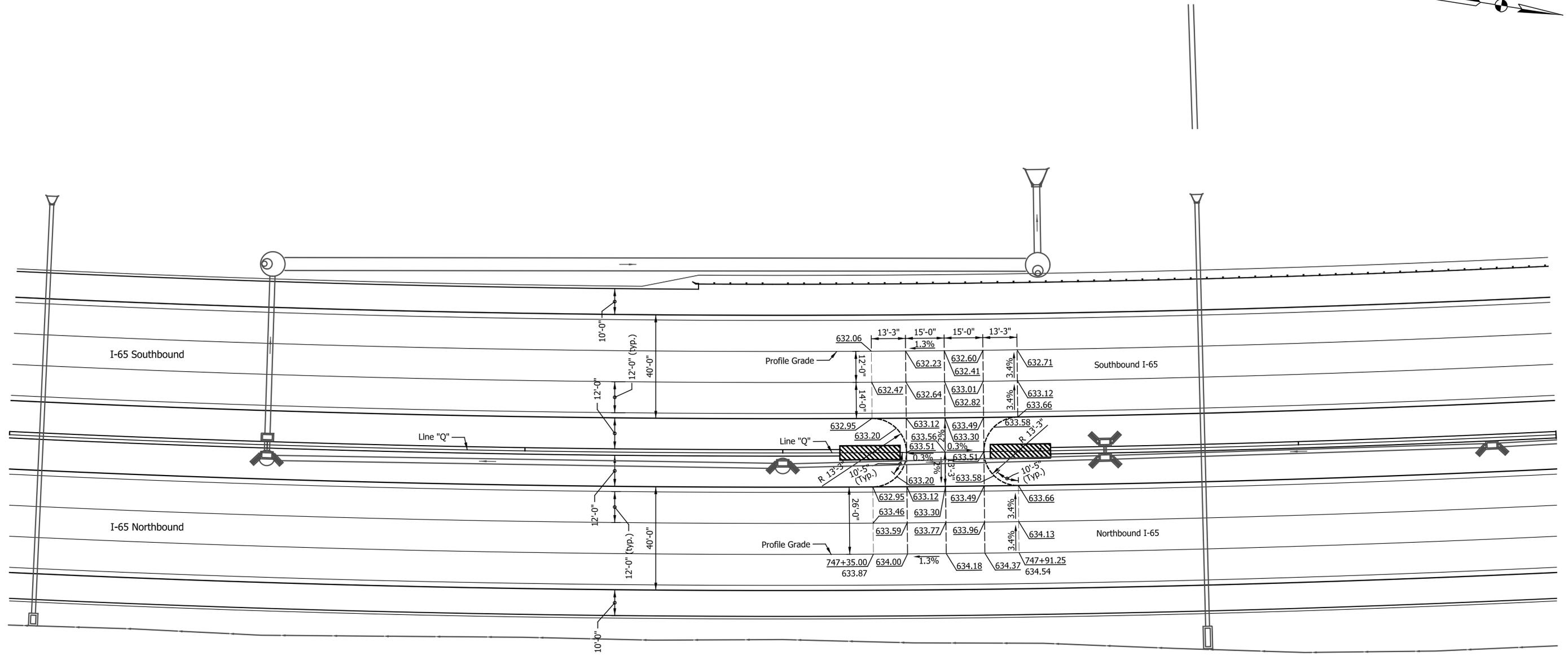


DATE	REVISION


RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BLP	
CHECKED: _____ PKW	CHECKED: _____ PKW	

INDIANA DEPARTMENT OF TRANSPORTATION	
SPOT ELEVATION DETAILS	

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 145 of 181
CONTRACT R-41529	PROJECT 1700135



DATE	REVISION

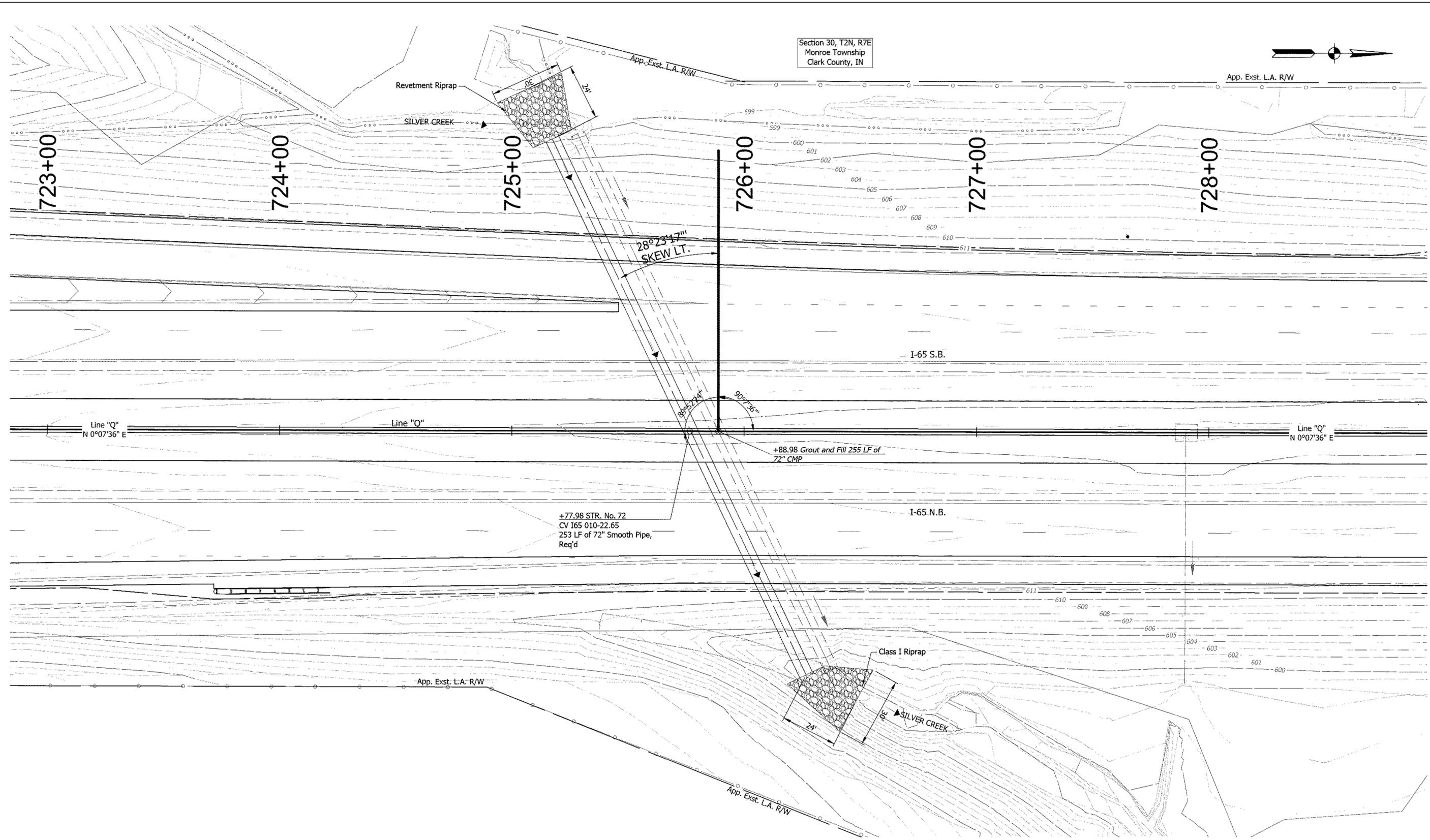

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BLP	
CHECKED: _____ PKW	CHECKED: _____ PKW	

INDIANA DEPARTMENT OF TRANSPORTATION	
SPOT ELEVATION DETAILS	

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 146 of 181
CONTRACT R-41529	PROJECT 1700135



Section 30, T2N, R7E  
 Monroe Township  
 Clark County, IN



DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps  
 FILE: 20-4356 PP - 03.dwg  
 DIMSCALE: 1/8" = 1'-0"  
 PLOTTED BY: JBeck  
 DATE: Nov 24, 2021 - 1:31pm

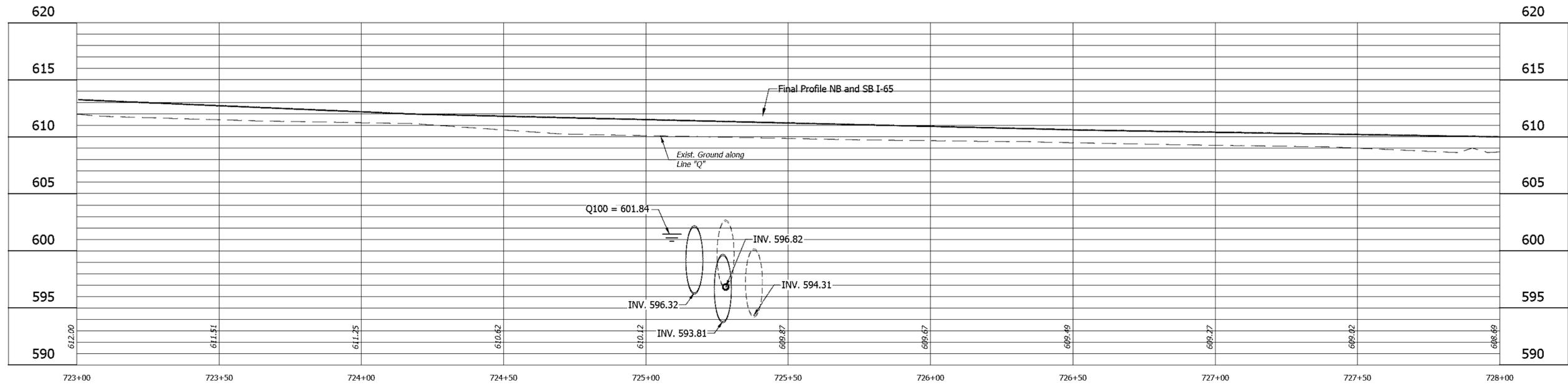
- LEGEND**
- (K) 165#/SYD. QC/QA-HAMA, 4,70, SURFACE 9.5mm ON  
 275#/SYD. QC/QA-HAMA, 3,70, INT 19.0mm ON  
 660#/SYD. QC/QA-HAMA, 3,70, BASE 25.0mm ON  
 6" COMPACTED AGGREGATE, NO. 53, BASE ON  
 SUBGRADE TREATMENT, TYPE 1C
  - (J) 6" COMPACTED AGGREGATE, NO. 53
  - (25) MULCHED SEEDING, TYPE "R"

Silver Creek (UNR)

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED:	JTE	DRAWN:	TWS
CHECKED:	MAH	CHECKED:	JTE

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PLAN**  
**STR. # CV I65-010-22.65**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2001597
SURVEY BOOK	SHEETS
	148 of 155
CONTRACT	PROJECT
R-41529	2001597



Silver Creek (UNR)

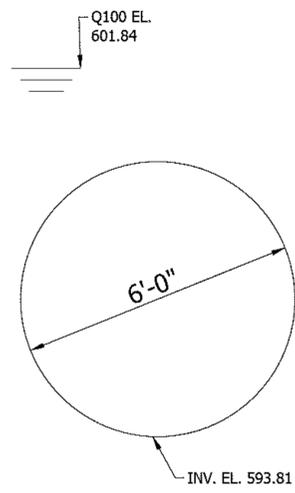
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 FILE: 20-4356 PP - 03.dwg  
 DIMSCALE: 1/4" = 1' LTSCALE: 1  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:31pm

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER _____ DATE _____	
DESIGNED: JTE	DRAWN: TWS		
CHECKED: MAH	CHECKED: JTE		

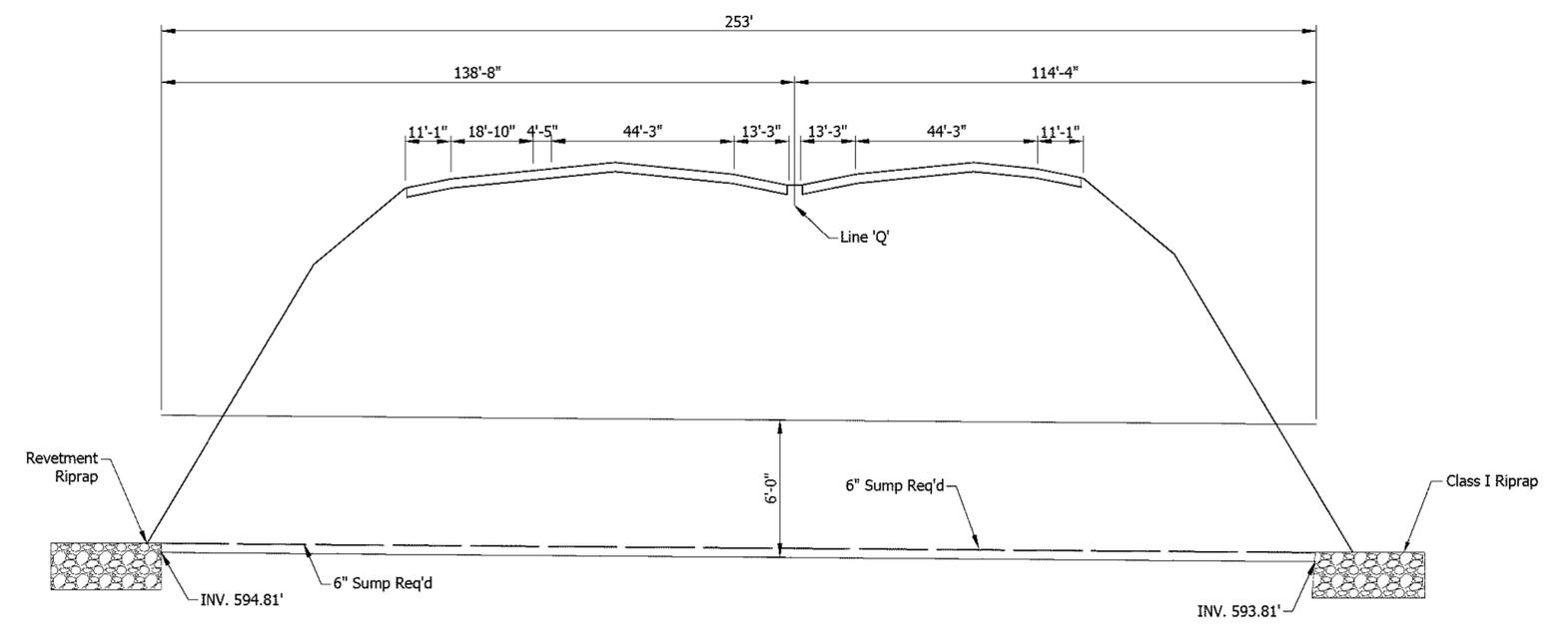
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PROFILE LINE "Q"**  
**STR. # CV I65-010-22.65**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2001597
SURVEY BOOK	SHEETS 149 of 155
CONTRACT R-41529	PROJECT 2001597

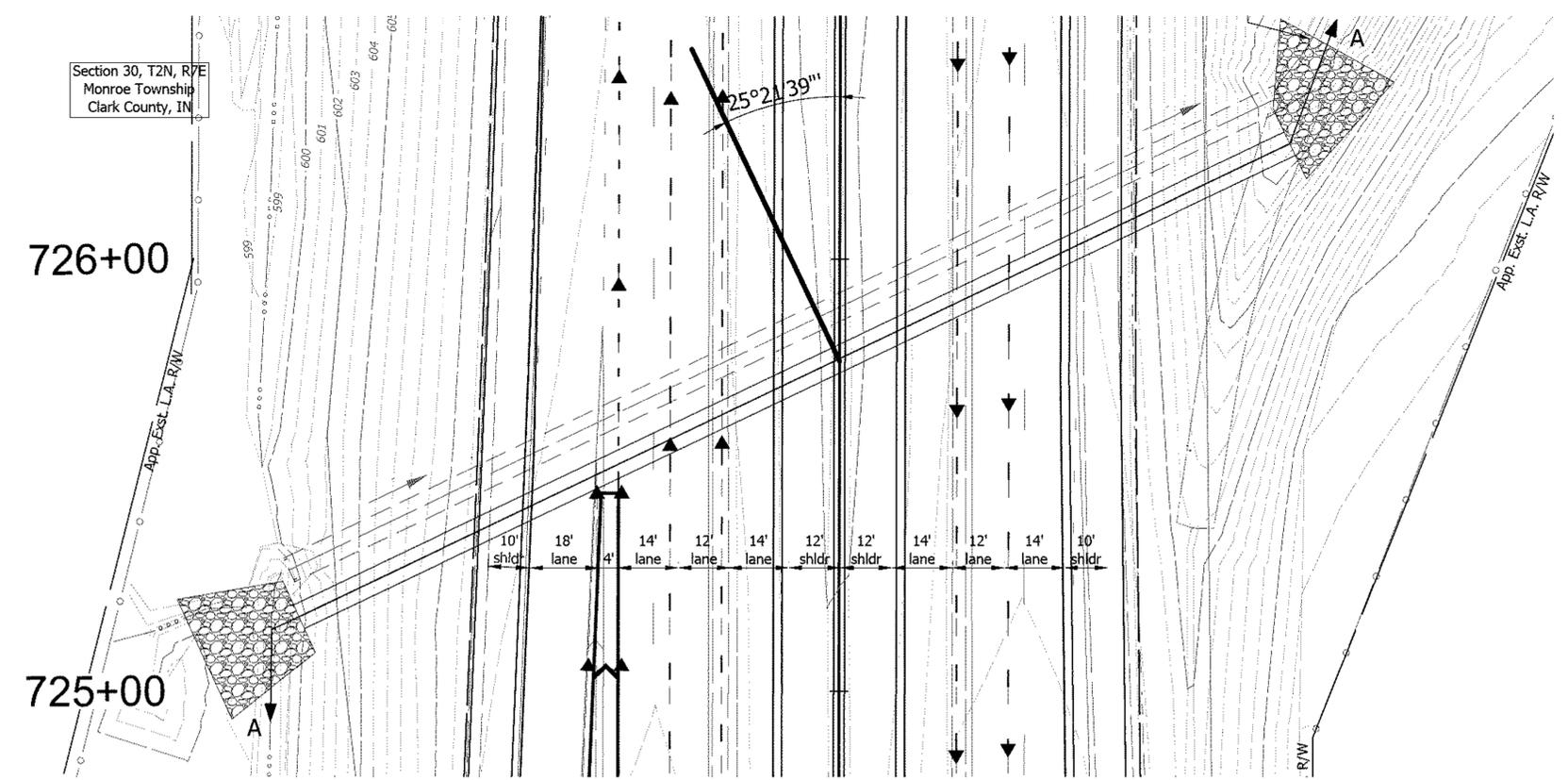




**ELEVATION**  
Scale: 1" = 2'



Silver Creek (UNR)  
**SECTION A-A**  
Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 5'



**CULVERT PROFILE**  
Scale: 1" = 20'

**HYDRAULIC DATA TABLE**

ITEM	UNIT	PROPOSED STRUCTURE
DRAINAGE AREA	Acres	176.70
Q100 DISCHARGE	cfs	135.00
Q100 ELEVATION	ft	601.44
Q100 BACKWATER	ft	1.47
Q50 VELOCITY	ft/sec	8.80
WATERWAY OPENING BELOW Q100	Sft	28.27
MIN. LOW STR. ELEV.	ft	599.81

**NOTES:**

- Structure shall be sumped 0'-6" below downstream flowline elevation. The Contractor shall verify the flowline elevation to set the appropriate sump depth.

**DESIGN DATA:**

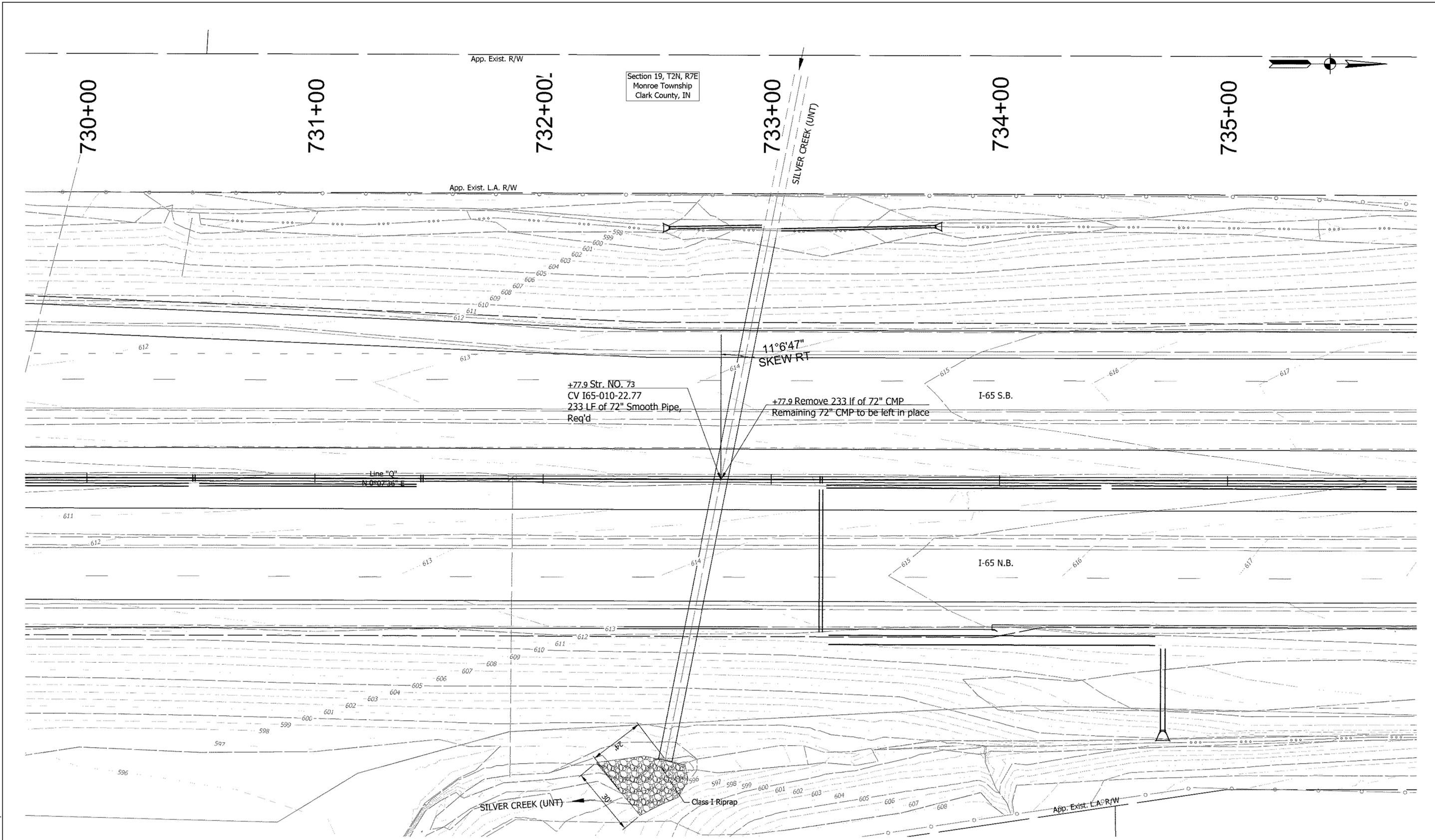
All elements shall be designed for HL- 93 loading in accordance with 2017 AASHTO LRFD Bridge Design Specifications and all subsequent Interims.

72" DIA. SMOOTH WALL PIPE,  
TRENCHLESS INSTALL, 6" SUMP REQ'D  
STA. 725+55.46 LINE "Q" 25°33'16" SKEW LT.

DIRECTORY: F:\2020\20-4356 1-65 Added Turn Lanes\30 SheetDrawings\10 P8Ps1  
 FILE: 20-4356 PP - 03.dwg  
 DIMSCALE: 1/8" = 1'-0"  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:31pm

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: JTE DRAWN: TWS		AS NOTED	N/A
CHECKED: MAH	CHECKED: JTE	PIPE DETAIL STR. # CV I65-010-22.65	VERTICAL SCALE	DESIGNATION
			AS NOTED	2001597
			SURVEY BOOK	SHEETS
			CONTRACT	150 of 155
			R-41529	PROJECT
				2001597

DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P8Ps  
 FILE: 20-4356 PP - 04.dwg  
 DIMSCALE: 1/8" = 1'-0"  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:31pm



Section 19, T2N, R7E  
 Monroe Township  
 Clark County, IN

+77.9 Str. NO. 73  
 CV I65-010-22.77  
 233 LF of 72" Smooth Pipe,  
 Req'd

+77.9 Remove 233 LF of 72" CMP  
 Remaining 72" CMP to be left in place

11°6'47"  
 SKEW RT

Class I Riprap

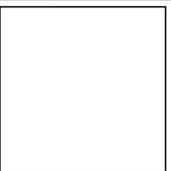
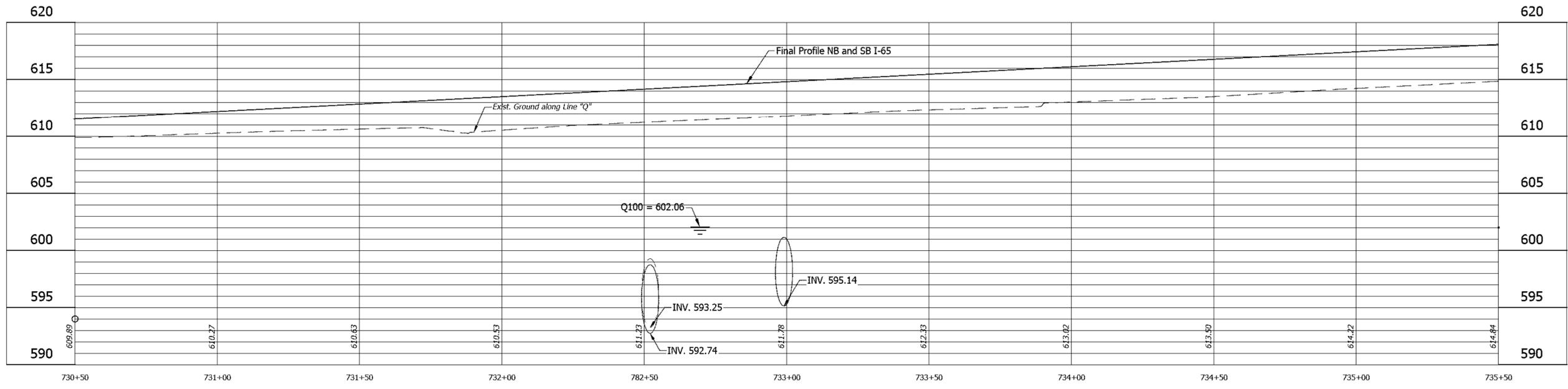
**LEGEND**  
 25 MULCHED SEEDING, TYPE "R"

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JTE	DRAWN: TWS	
CHECKED: MAH	CHECKED: JTE	

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 PLAN  
 STR. # CV I65-010-22.77

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 2001595
SURVEY BOOK	SHEETS 151 of 155
CONTRACT R-41529	PROJECT 2001595

DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps\1  
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 DIMSCALE: 1/4" = 1' LTSCALE: 1  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:31pm

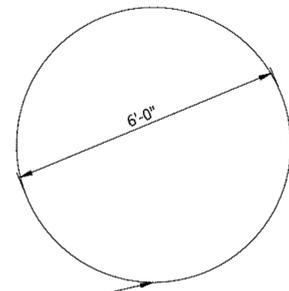


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: JTE	DRAWN: TWS		
CHECKED: MAH	CHECKED: JTE		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PROFILE LINE "Q"**  
**STR. # CV I65-010-22.77**

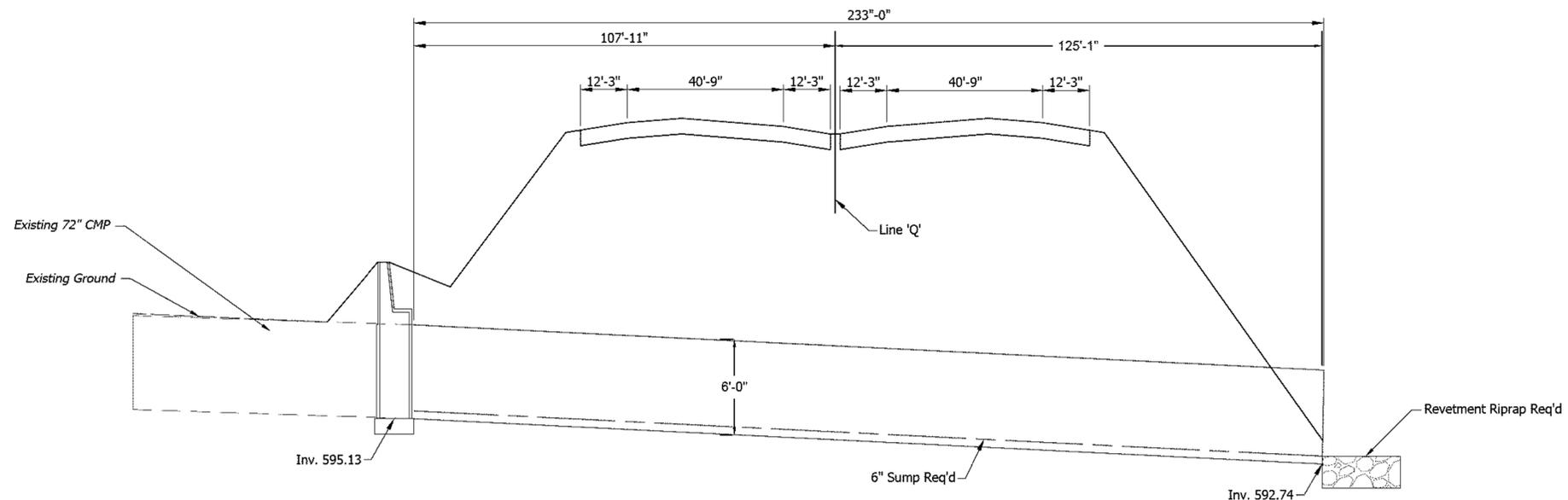
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2001595
SURVEY BOOK	SHEETS 152 of 155
CONTRACT R-41529	PROJECT 2001595

Q100 = 602.06

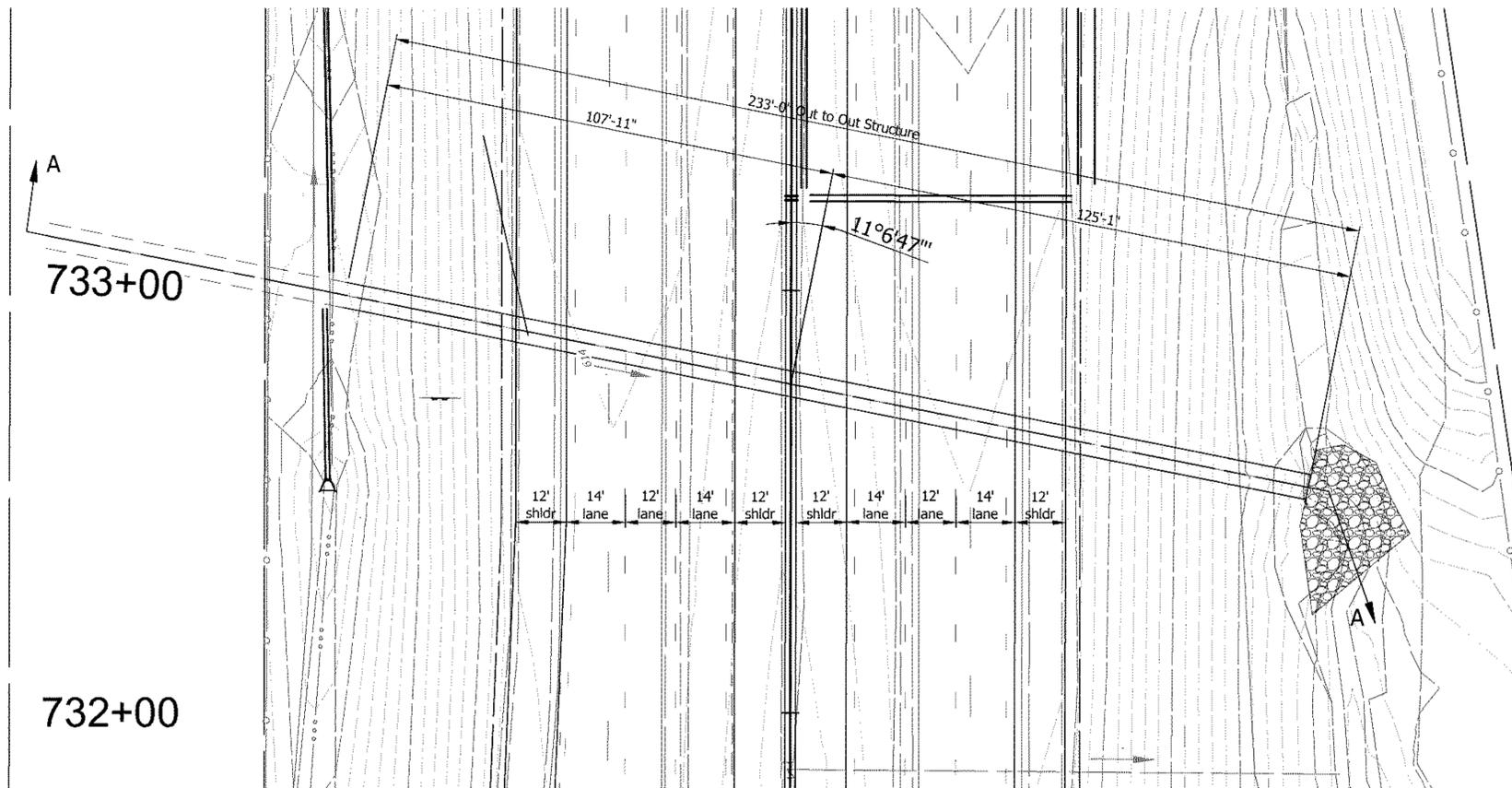


Inv. 594.27

**ELEVATION**  
Scale: 1" = 2'



**SECTION A-A**  
Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 5'



**PLAN VIEW**  
Scale: 1" = 20'

**HYDRAULIC DATA TABLE**

ITEM	UNIT	PROPOSED STRUCTURE
DRAINAGE AREA	Acres	215.00
Q100 DISCHARGE	cfs	183.00
Q100 ELEVATION	ft	602.06
Q100 BACKWATER	ft	2.63
Q50 DISCHARGE VELOCITY	ft/sec	9.30
WATERWAY OPENING BELOW Q100	Sft	28.27
MIN. LOW STR. ELEV.	ft	598.74

**NOTES:**

- Structure shall be sumped 0'-6" below downstream flowline elevation. The Contractor shall verify the flowline elevation to set the appropriate sump depth.

**DESIGN DATA:**

All elements shall be designed for HL- 93 loading in accordance with 2017 AASHTO LRFD Bridge Design Specifications and all subsequent Interims.

72" DIA. SMOOTH WALL PIPE  
OPEN TRENCH INSTALL, 6" SUMP REQ'D  
STA. 732+56.04 LINE "Q" 11°06'47" SKEW RT.

DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps  
 FILE: 20-4356 PP - 04.dwg  
 DIMSCALE: 1/4" = 1' LTSCALE: 1/8" = 1'  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:32pm

	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE AS NOTED BRIDGE FILE N/A
	DESIGNED: JTE DRAWN: TWS CHECKED: MAH CHECKED: JTE	<b>PIPE DETAIL</b> STR. # CV I65-010-22.77	VERTICAL SCALE AS NOTED DESIGNATION 2001595
			SURVEY BOOK _____ SHEETS 153 of 155
			CONTRACT R-41529 PROJECT 2001595

ADAM & CARLY GRAY

Section 7, T2N, R7E  
Vienna Township  
Scott County, IN



901+00

902+00

903+00

904+00

905+00

906+00

App. Exist. L.A. R/W

App. Exist. L.A. R/W

Concrete Slab

10°29'57"  
SKEW LT.

I-65 S.B.

Line "PR-Q"

Line "PR-Q"

+84.00 STR. NO. 78  
CV 165-010-22.65  
192 LF of 66" Corrugated Pipe,  
Req'd

+91.64 Grout and Fill 188 LF of  
60" CMP

I-65 N.B.

Exist. Concrete Slab

Class I Riprap

L=1482.908, R=5610.126

L=1482.908, R=5610.126

BRETT LEE & TERESA M. SMITH

Pigeon Roost Creek (UNT)

**LEGEND**

25 MULCHED SEEDING, TYPE "R"

RECOMMENDED FOR APPROVAL  
DESIGN ENGINEER DATE

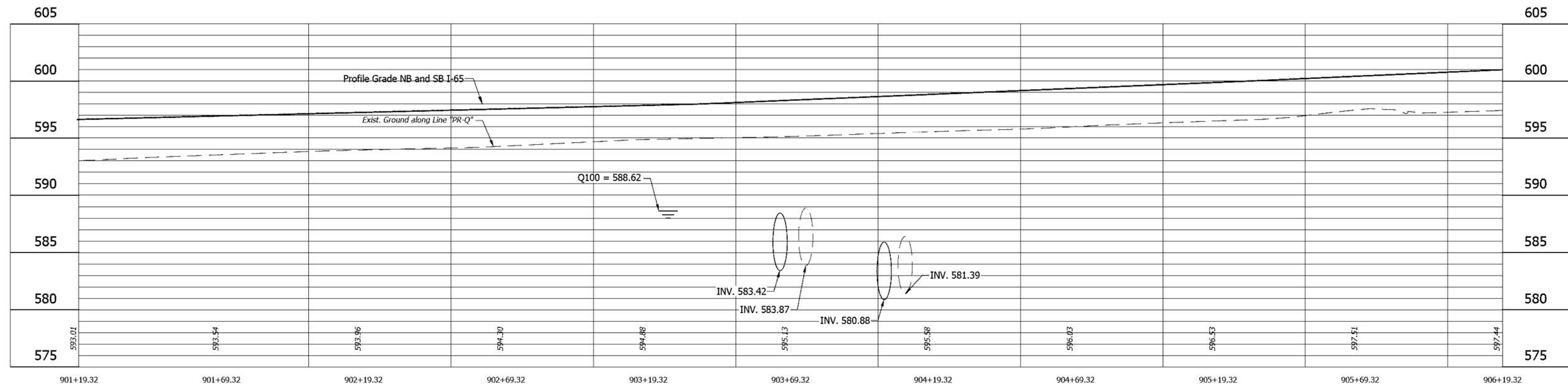
DESIGNED: JTE DRAWN: TWS  
CHECKED: MAH CHECKED: JTE

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN  
STR. # CV 165-072-25.05

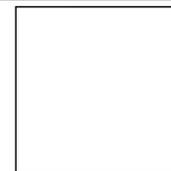
HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE N/A	DESIGNATION 2001594
SURVEY BOOK	SHEETS 154 of 155
CONTRACT R-41529	PROJECT 2001594

DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps  
FILE: 20-4356 PP - 05.dwg  
DIMS: 1 LTSCALE  
PLOTTED BY: JBlack  
DATE: Nov 24, 2021 - 1:32pm



Pigeon Roost Creek (UNT)

DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps\  
 FILE: 20-4356 PP - 05.dwg  
 DIMSCALE: 1/4" = 1' LTSCALE: 1/4"  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:32pm



RECOMMENDED FOR APPROVAL		DESIGN ENGINEER	DATE
DESIGNED: JTE	DRAWN: TWS		
CHECKED: MAH	CHECKED: JTE		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PROFILE LINE "PR-Q"**  
**STR. # CV I65-072-25.05**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2001594
SURVEY BOOK	SHEETS
	155 of 155
CONTRACT	PROJECT
R-41529	2001594



941+00

942+00

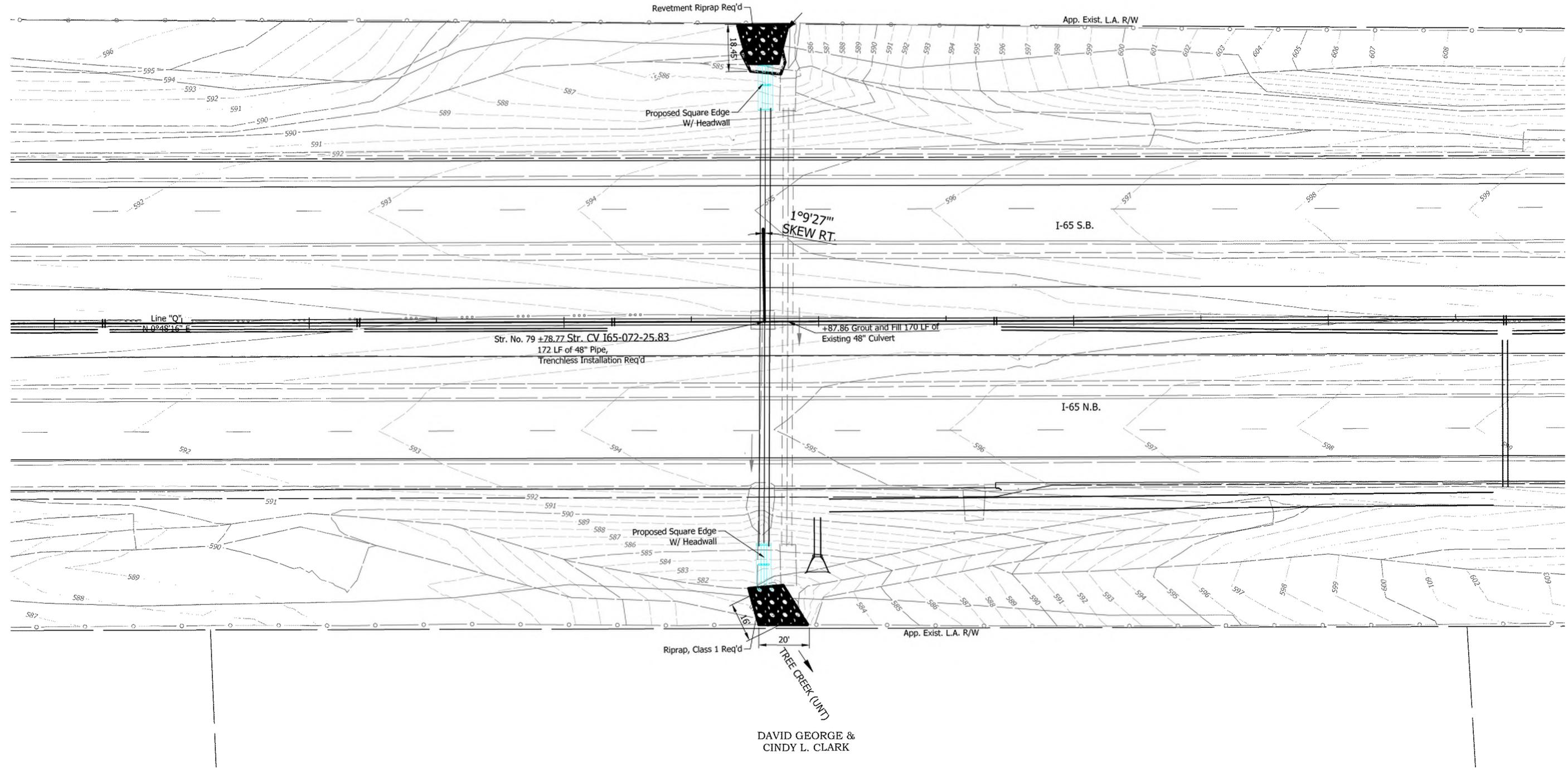
943+00

944+00

945+00

946+00

Section 6, T2N, R7E  
Vienna Township  
Scott County, IN

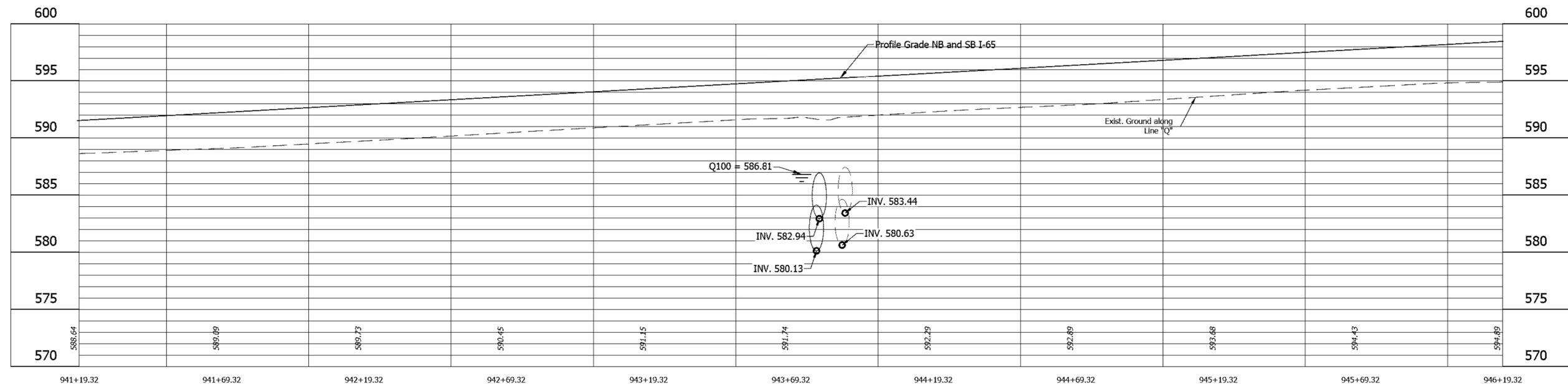


DAVID GEORGE &  
CINDY L. CLARK  
Tree Creek (UNT)

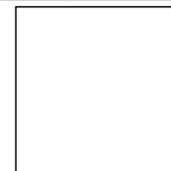
DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps  
FILE: 20-4356 PP - 06.dwg  
DATE: 11/24/2021 1:33pm  
PLOT BY: JBlack  
LTS SCALE: 1/20  
DATE: 11/24/2021 1:33pm

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: JTE	DRAWN: TWS			VERTICAL SCALE	N/A
CHECKED: MAH	CHECKED: JTE	PLAN STR. # CV 165-072-25.83		SURVEY BOOK	SHEETS	
				R-41529	157 of 155	
				PROJECT		
				2001596		





DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps\  
 FILE: 20-4356 PP - 06.dwg  
 DIMSCALE: 1/8" = 1' LTSCALE: 1  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:33pm

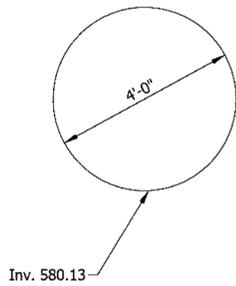


RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: JTE	DRAWN: TWS				
CHECKED: MAH	CHECKED: JTE				

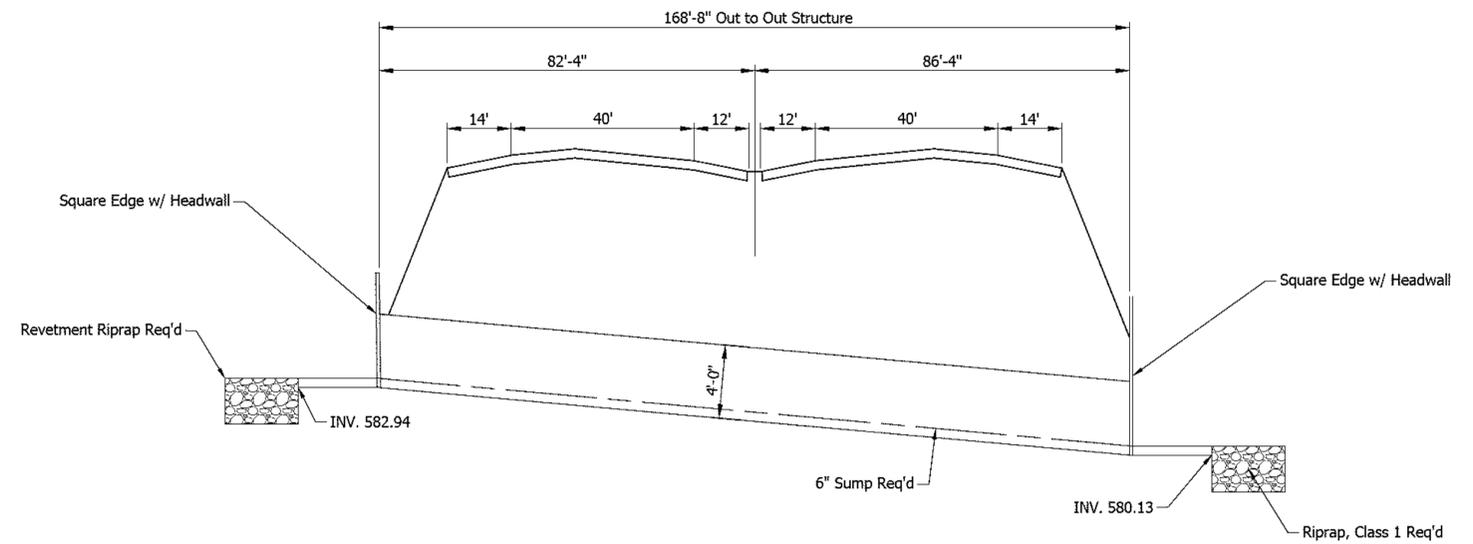
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PROFILE LINE "Q"**  
**STR. # CV I65-072-25.83**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2001596
SURVEY BOOK	SHEETS
	158 of 155
CONTRACT	PROJECT
R-41529	2001596

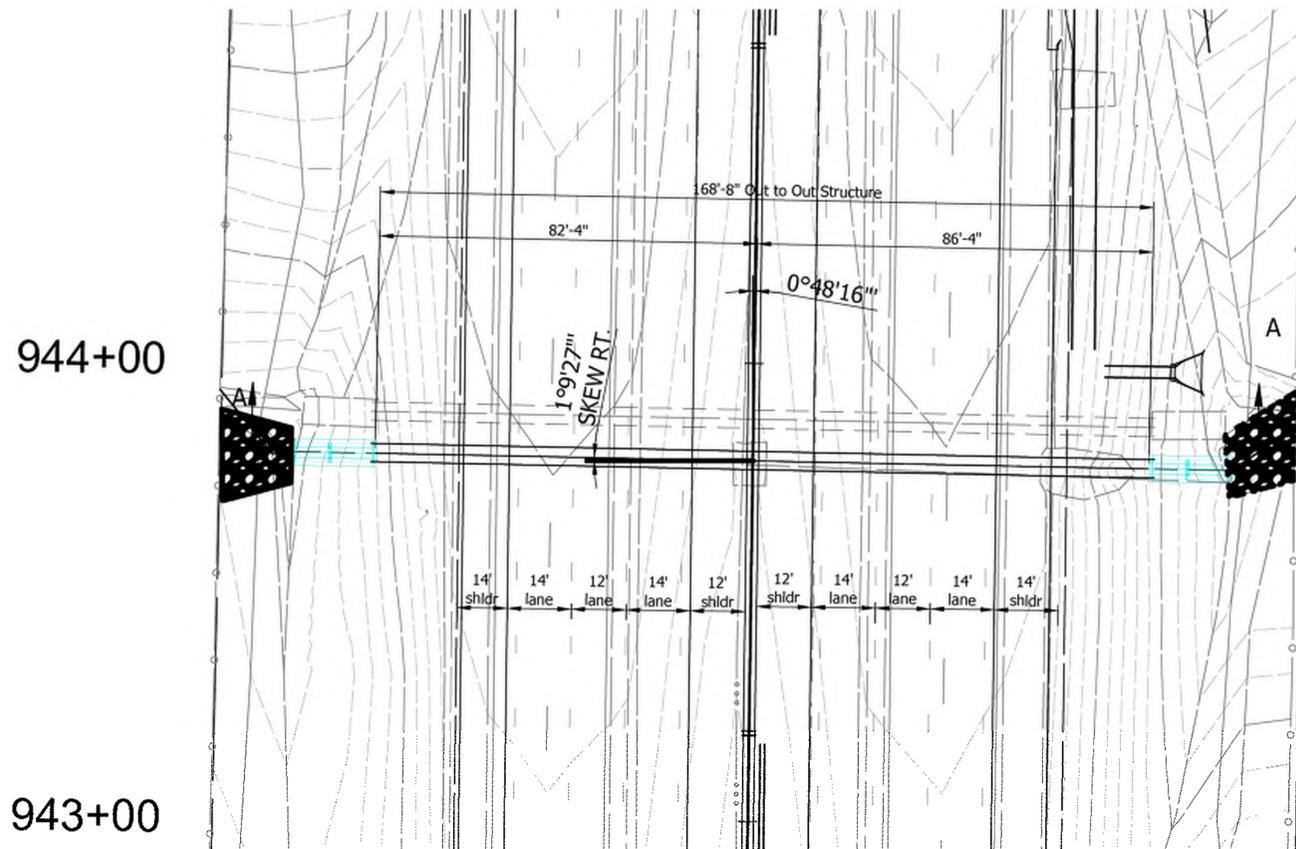
Q100 = 586.81



**ELEVATION**  
Scale: 1" = 2'



**SECTION A-A**  
Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 5'



**PLAN VIEW**  
Scale: 1" = 20'

**HYDRAULIC DATA TABLE**

ITEM	UNIT	PROPOSED STRUCTURE
DRAINAGE AREA	Acres	50.30
Q100 DISCHARGE	cfs	66.00
Q100 ELEVATION	ft	587.14
Q100 BACKWATER	ft	1.74
Q50 VELOCITY	ft/sec	8.40
WATERWAY OPENING BELOW Q100	Sft	12.56
MIN. LOW STR. ELEV.	ft	584.13

**NOTES:**

- Structure shall be sumped 0'-6" below downstream flowline elevation. The Contractor shall verify the flowline elevation to set the appropriate sump depth.

**DESIGN DATA:**

All elements shall be designed for HL- 93 loading in accordance with 2017 AASHTO LRFD Bridge Design Specifications and all subsequent Interims.

48" DIA. SMOOTH WALL PIPE  
TRENCHLESS INSTALL, 6" SUMP REQ'D  
STA. 944+09.50 LINE "Q" 1°09'27" SKEW RT.

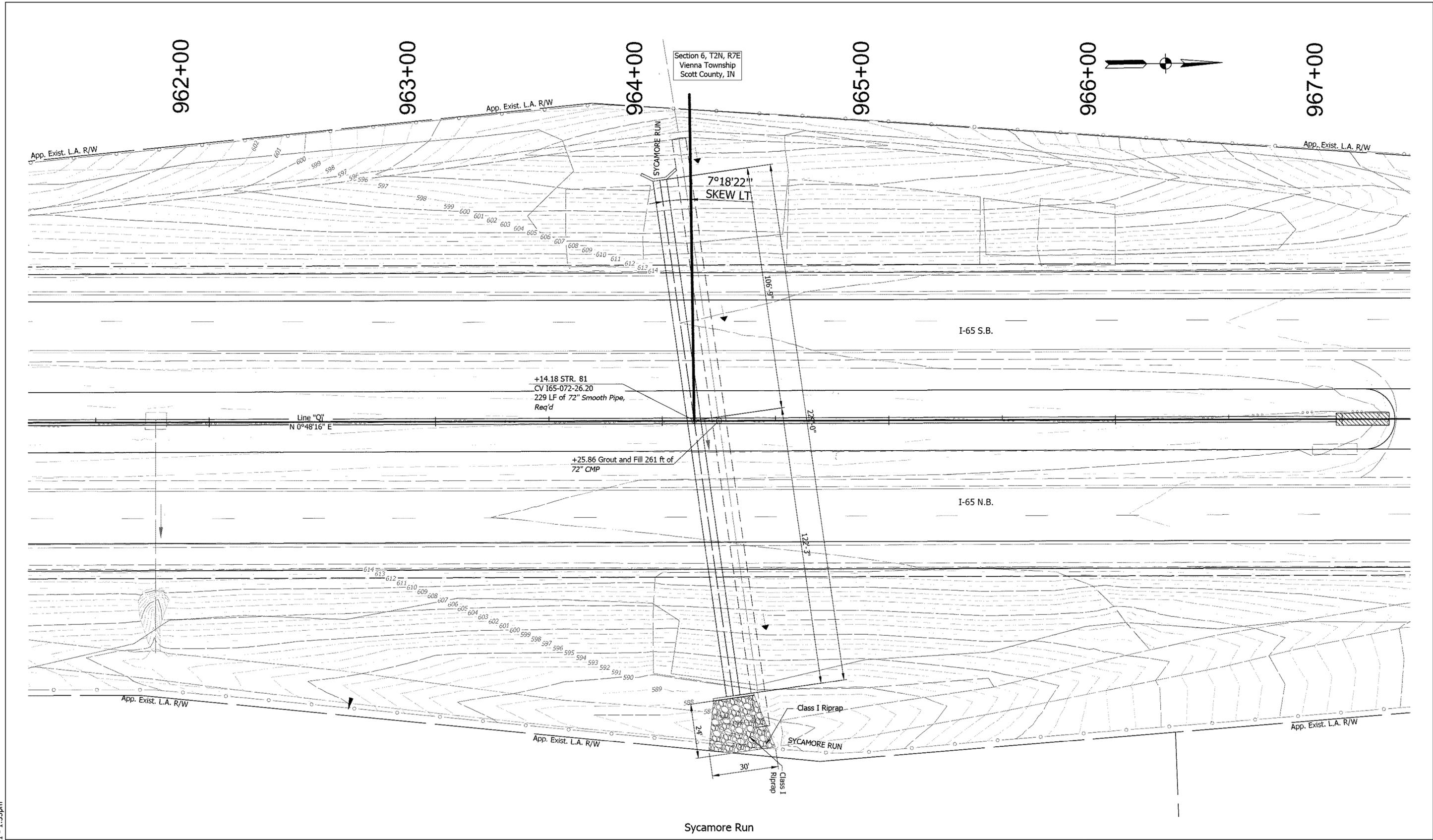
DIRECTORY: F:\2020\20-4356 1-65 Added Turn Lanes\30 SheetDrawings\10 P8Ps1  
 FILE: 20-4356 PP - 06.dwg  
 DIMSCALE: 1/8" = 1'-0"  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:33pm

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JTE	DRAWN: TWS	
CHECKED: MAH	CHECKED: JTE	

<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	
<b>PIPE DETAIL</b>	
STR. # CV I65-072-25.83	

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
AS NOTED	2001596
SURVEY BOOK	SHEETS
	159 of 155
CONTRACT	PROJECT
R-41529	2001596

DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P8.Pst  
 FILE: 20-4356 PP - 07.dwg  
 DIMSCALE: 1/8" = 1'-0"  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:33pm



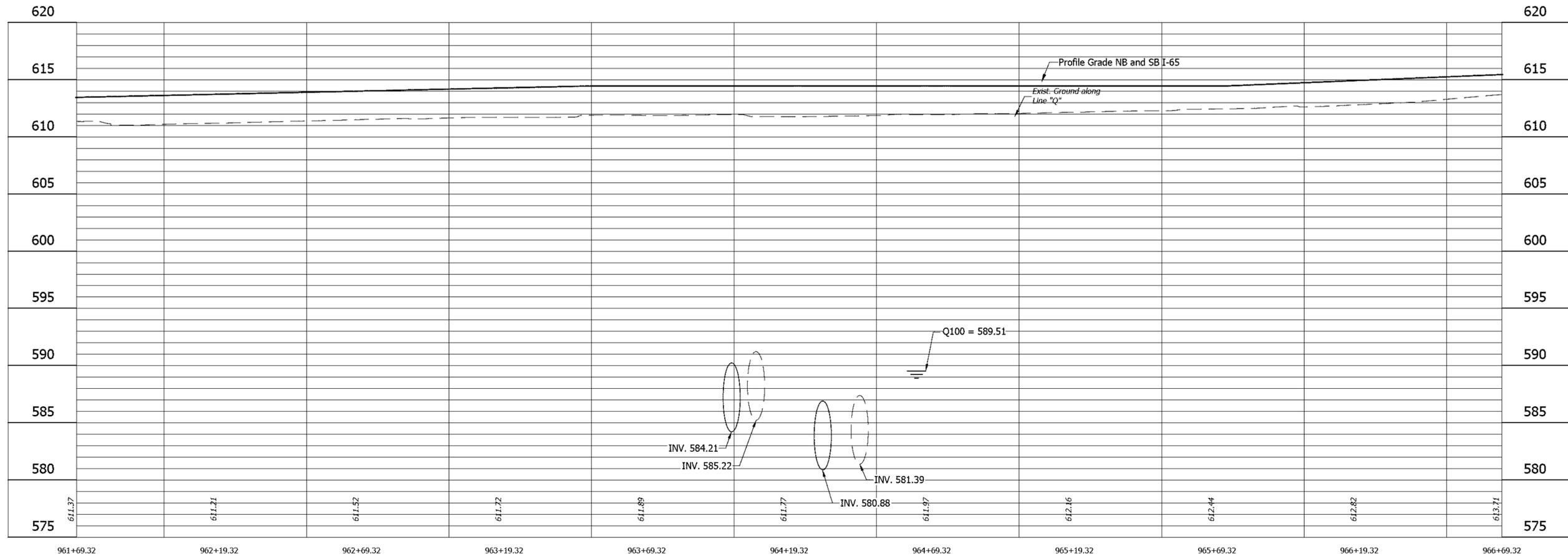
**LEGEND**

(25)	MULCHED SEEDING, TYPE "R"
------	---------------------------

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: JTE		DRAWN: TWS			
CHECKED: MAH		CHECKED: JTE			

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PLAN**  
**STR. # CV 165-072-26.20**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2001593
SURVEY BOOK	SHEETS
	160 of 155
CONTRACT	PROJECT
R41529	2001593



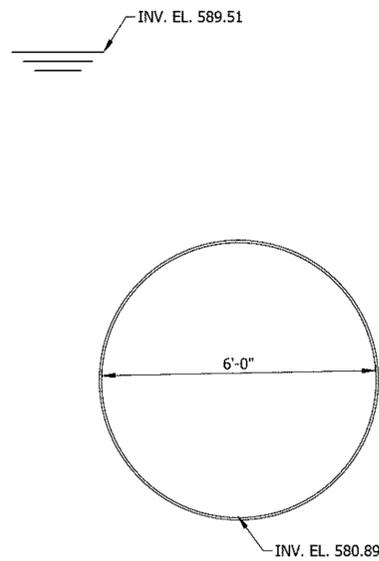
Sycamore Run

DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps\  
 FILE: 20-4356 PP - 07.dwg  
 DIMSCALE: 1 LTSCALE: 1  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:33pm

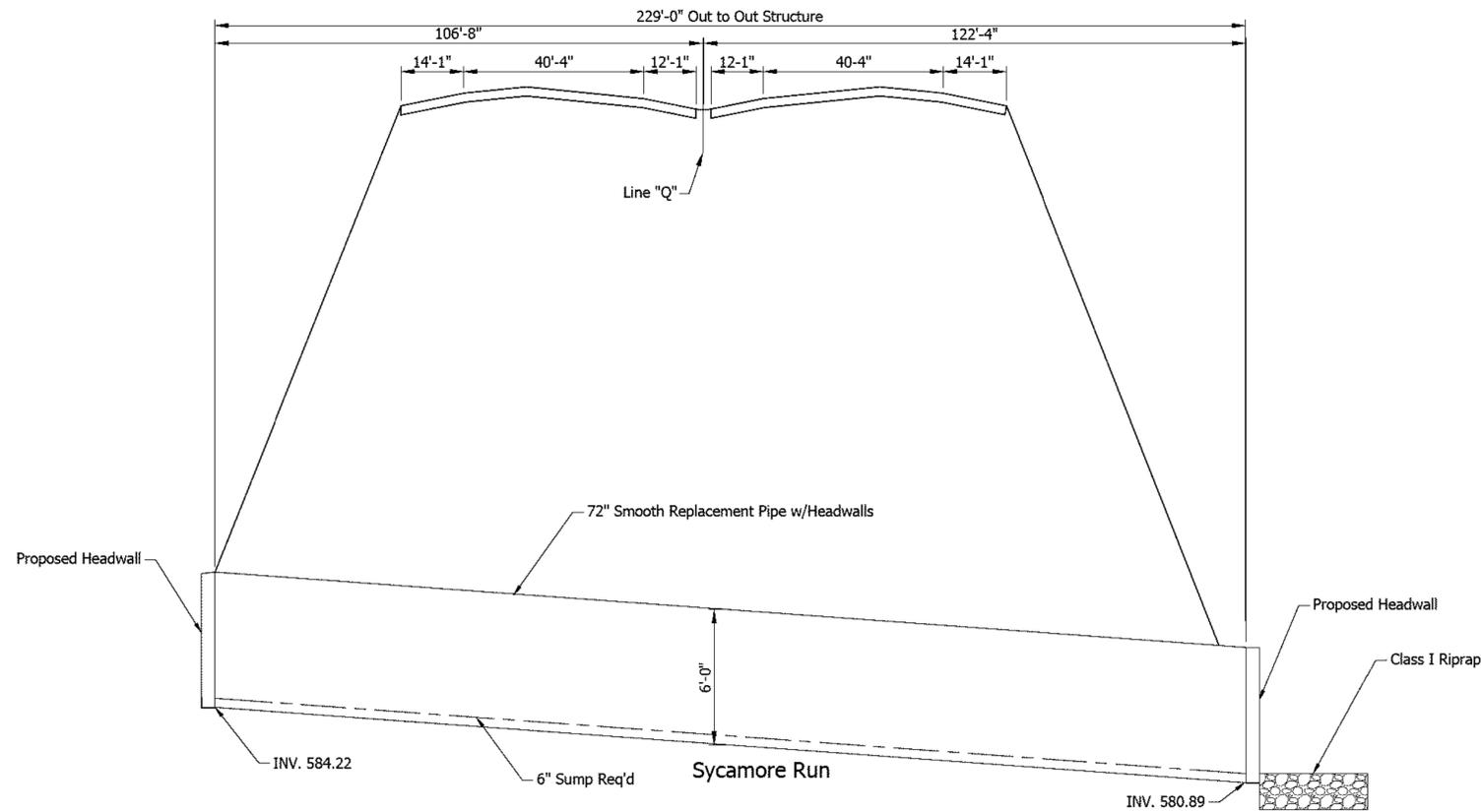
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED:	JTE	DRAWN:	TWS		
CHECKED:	MAH	CHECKED:	JTE		

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PROFILE LINE "Q"**  
**STR. # CV I65-072-26.20**

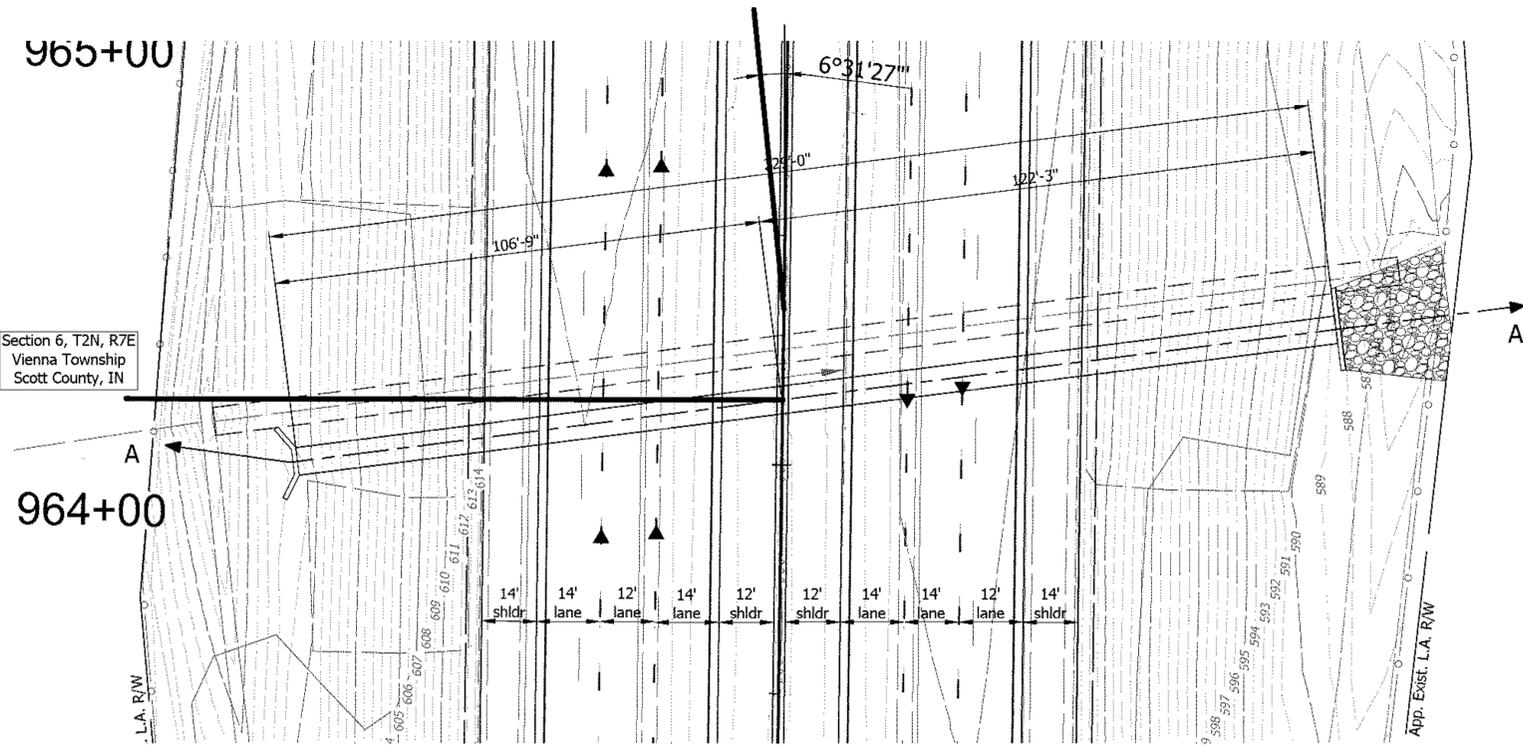
HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2001593
SURVEY BOOK	SHEETS
	161 of 155
CONTRACT	PROJECT
R-41529	2001593



**ELEVATION**  
Scale: 1" = 2'



**SECTION A-A**  
Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 5'



**PLAN VIEW**  
Scale: 1" = 20'

**HYDRAULIC DATA TABLE**

ITEM	UNIT	PROPOSED STRUCTURE
DRAINAGE AREA	Acres	126.20
Q100 DISCHARGE	cfs	123.00
Q100 ELEVATION	ft	589.51
Q100 BACKWATER	ft	0.87
Q50 VELOCITY	ft/sec	9.70
WATERWAY OPENING BELOW Q100	Sft	28.27
MIN. LOW STR. ELEV.	ft	586.89

**NOTES:**

- Structure shall be sumped 0'-6" below downstream flowline elevation. The Contractor shall verify the flowline elevation to set the appropriate sump depth.

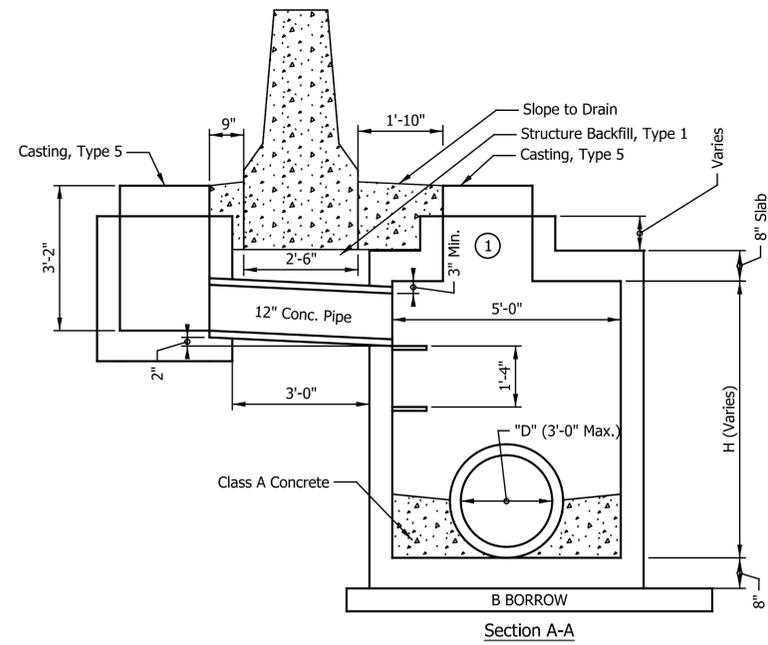
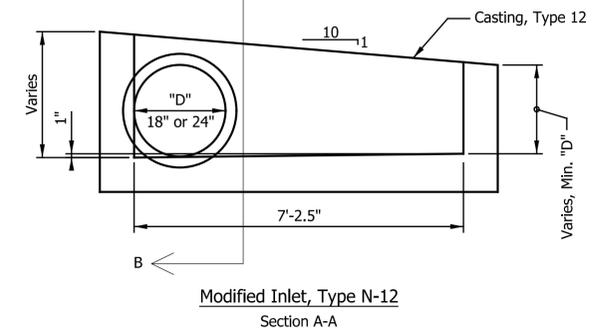
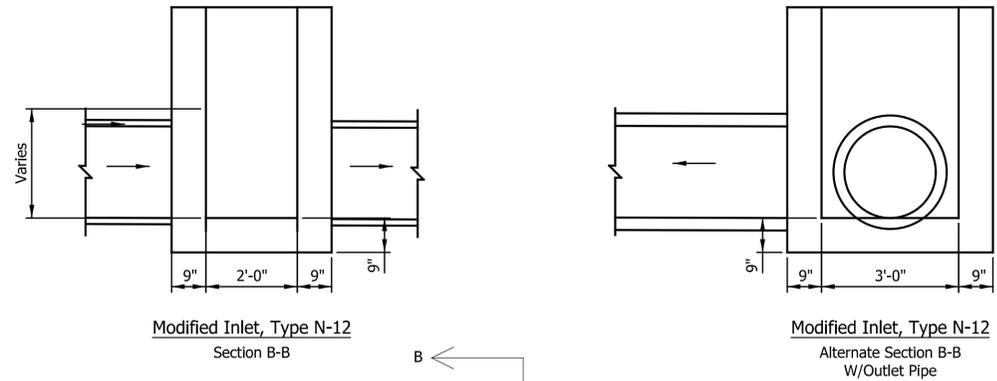
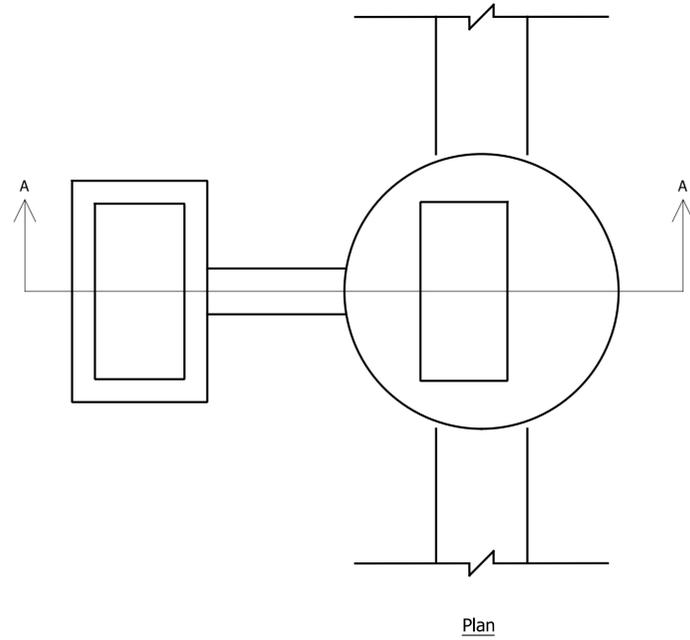
**DESIGN DATA:**

All elements shall be designed for HL- 93 loading in accordance with 2017 AASHTO LRFD Bridge Design Specifications and all subsequent Interims.

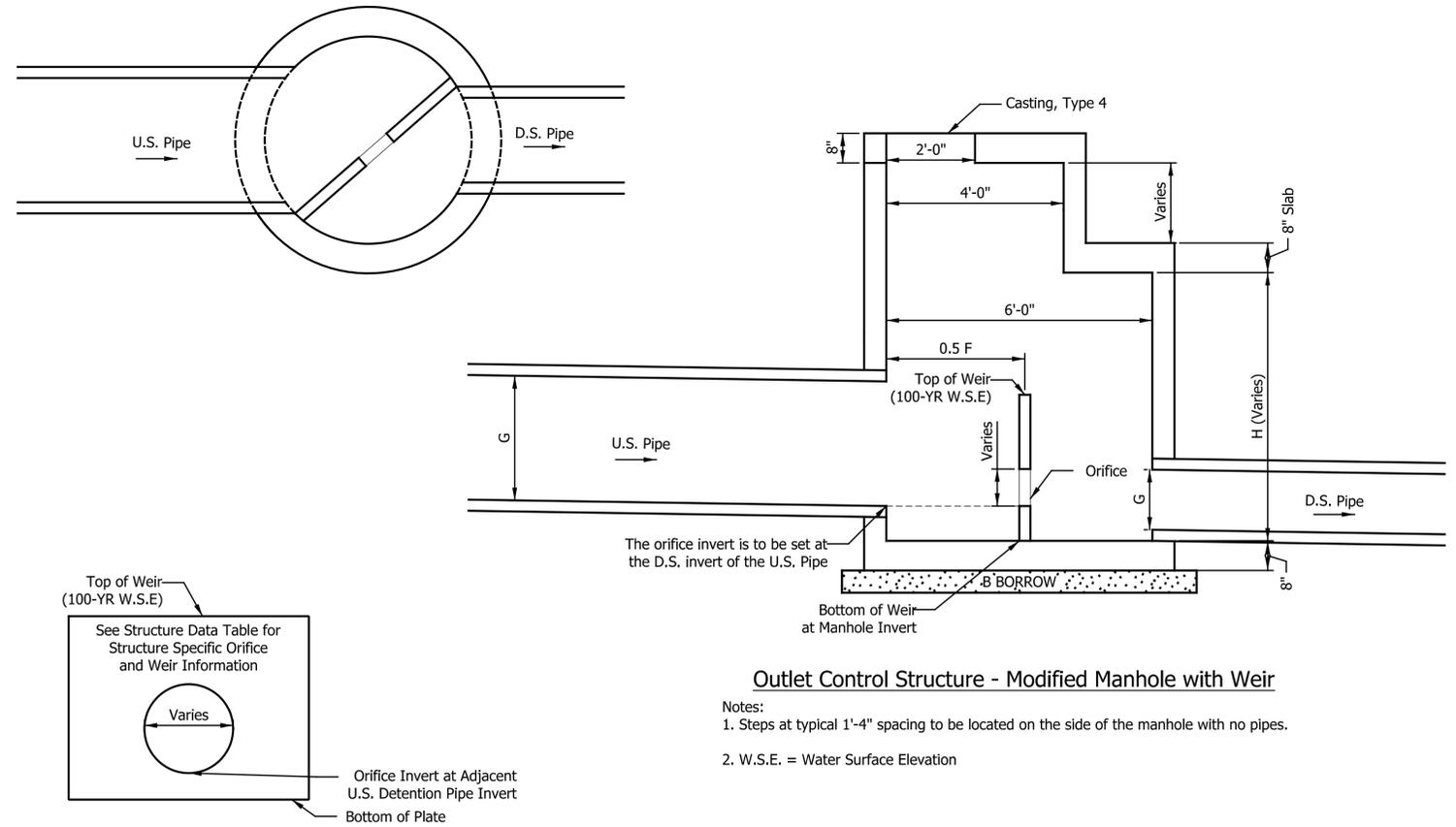
**72" DIA. SMOOTH WALL PIPE w/ HEADWALLS  
TRENCHLESS INSTALL, 6" SUMP REQ'D  
STA. 964+44.84 LINE "Q" 7°18'22" SKEW LT.**

DIRECTORY: F:\2020\20-4356 I-65 Added Turn Lanes\30 SheetDrawings\10 P&Ps  
 FILE: 20-4356 PP - 07.dwg  
 DIMSCALE: 1/16" = 1' LTSCALE: 1/8" = 1'  
 PLOTTED BY: JBlack  
 DATE: Nov 24, 2021 - 1:33pm

	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE AS NOTED VERTICAL SCALE AS NOTED	BRIDGE FILE N/A DESIGNATION 2001593
	DESIGNED: JTE DRAWN: TWS CHECKED: MAH CHECKED: JTE	<b>PIPE DETAIL</b> <b>STR. # CV I65-072-26.20</b>	SURVEY BOOK CONTRACT R-41529	SHEETS 162 of 155 PROJECT 2001593



Inlet, Type HA W/ Modified Manhole, Type J



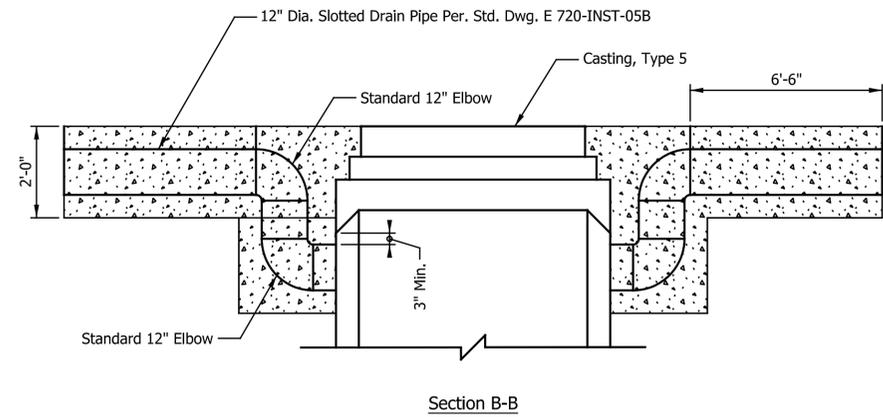
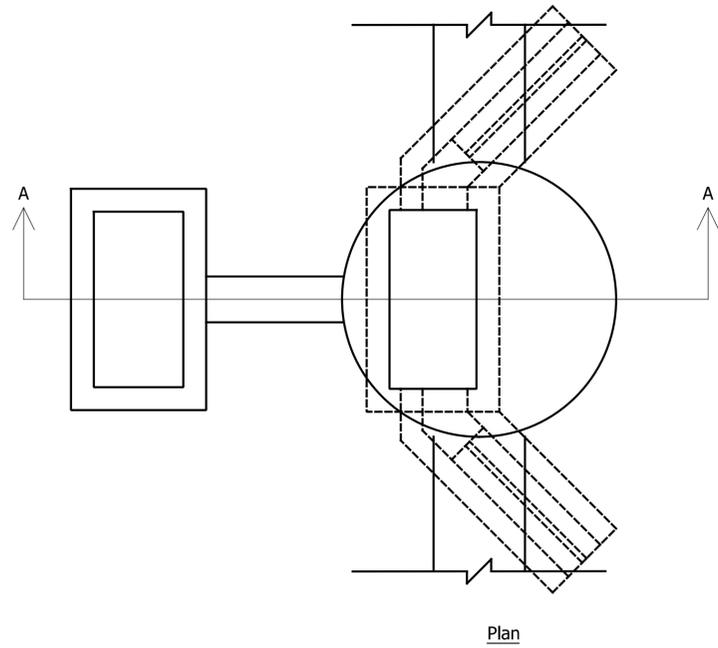
① Standard Drawing E 720-MHST-06, Detail A, Modified To Have An Opening Of 22.5"x45.0" Positioned on Slab Offset to Structure Wall.  
 \* Height of Chamber is Only Modified Dimension. Refer to Std. Dwg E 720-MHST-04

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: ZLM	DRAWN: BAD	
CHECKED: PKW	CHECKED: PKW	

**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**MODIFIED STORM SEWER STRUCTURE DETAILS**

HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
1/2" = 1'-0"	1700135
SURVEY BOOK	SHEETS
N/A	163 of 181
CONTRACT	PROJECT
R-41529	1700135



**Modified Manhole, Type "J-5"**  
Slotted Drain Wing Connection  
N.T.S.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM _____	DRAWN: _____ BAD _____	
CHECKED: _____ PKW _____	CHECKED: _____ PKW _____	

<b>INDIANA</b> DEPARTMENT OF TRANSPORTATION	
<b>MODIFIED STORM SEWER STRUCTURE DETAILS</b>	

HORIZONTAL SCALE 1/2" = 1'-0"	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE 1/2" = 1'-0"	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 164 of 181
CONTRACT R-41529	PROJECT 1700135





GUARDRAIL SUMMARY TABLE																			
LOCATION			MGS W-BEAM GUARDRAIL LENGTH			GUARDRAIL FLARE RATE	GUARDRAIL TRANSITION TYPE MGS	GUARDRAIL TRANSITION TYPE VH, 6'-3" SPA.	GUARDRAIL END TREATMENT MS, 31"	GUARDRAIL END TREATMENT OS, 31"	CURVED TERMINAL END	CURVED W-BEAM GUARDRAIL SYSTEM				GUARDRAIL END SECTION, REMOVE	GUARDRAIL, REMOVE	REMARKS	
STATION	LEFT	RIGHT	MEDIAN	AT 6'-3" SPA.	NESTED AT 6'-3" SPA.							AT 1'-6.75" SPA.	TERMINAL SYSTEM		CONNECTOR SYSTEM				
				FT.	FT.							FT.	TYPE	EACH	TYPE				EACH
679+00.0 to 690+83.1		X		1187.50					1	1						1364			
680+00.0 to 689+04.5	X			854.50					1	1									
696+42.0 to 700+79.5	X			387.50					1	1									
716+37 to 727+88		X														1151			
723+10.5 to 733+85.5		X		1025.00					1	1									
731+17.0 to 737+56.3	X			588.00					1	1									
746+67.0 to 803+57.4 (inc. Sta. Eqn.)	X			581.50					1	1									
808+70.5 to 821+00.0		X		1181.25					1	1									
821+50.0 to 832+94.6	X			1118.75				1		1									
830+13.9 to 833+00.1		X		193.75				1		1						293			
832+33 to 833+95			X													263			
833+14.0 to 835+99.3	X			193.25				1		1						276			
844+85.0 to 855+22.5	X			987.50					1	1									
845+95.5 to 852+83.0		X		637.50					1	1						725			
873+45.9 to 887+02.3		X		1281.25				1		1						491			
881+00.0 to 887+02.3	X			562.50				1		1						93			
883+53 to 887+02			X													350			
888+42.3 to 890+00.0		X		118.75				1		1						91			
888+42 to 891+90			X													350			
888+42.3 to 891+24.4	X			200.00				1		1						502			
901+69.9 to 907+31.0		X		506.25					1	1									
903+50.0 to 906+80.7	X			287.50					1	1									
931+50.0 to 937+73.5	X			575.00					1	1									
933+20 to 938+44		X														525			
936+20.5 to 945+08.0		X		837.50					1	1									
957+40 to 975+40		X														1801			
959+20.5 to 966+83.0		X		712.50					1	1									
959+67.0 to 968+54.5	X			837.50					1	1						927			
970+95.5 to 975+33.0		X		387.50					1	1									

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM	DRAWN: _____ BAD	
CHECKED: _____ PKW	CHECKED: _____ PKW	

INDIANA DEPARTMENT OF TRANSPORTATION	
GUARDRAIL SUMMARY TABLE	

HORIZONTAL SCALE	BRIDGE FILE
N/A	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	166 of 181
CONTRACT	PROJECT
R-41529	1700135

I:\projects\2022\Indiana\_Shafer.tbl

GUARDRAIL SUMMARY TABLE																			
LOCATION			MGS W-BEAM GUARDRAIL LENGTH			GUARDRAIL FLARE RATE	GUARDRAIL TRANSITION TYPE MGS	GUARDRAIL TRANSITION TYPE VH, 6'-3" SPA.	GUARDRAIL END TREATMENT MS, 31"	GUARDRAIL END TREATMENT OS, 31"	CURVED TERMINAL END	CURVED W-BEAM GUARDRAIL SYSTEM				GUARDRAIL END SECTION, REMOVE	GUARDRAIL, REMOVE	REMARKS	
STATION	LEFT	RIGHT	MEDIAN	AT 6'-3" SPA. FT.	NESTED AT 6'-3" SPA. FT.							AT 1'-6.75" SPA. FT.	TERMINAL SYSTEM		CONNECTOR SYSTEM				
													TYPE	EACH	TYPE				EACH
997+50.0 to 1011+04.5	X			1306.25					1	1									
1001+25.0 to 1008+50.0		X		675.00					1	1									
1013+95.2 to 1018+88.0		X		443.75					1	1									
1015+67.0 to 1022+04.2	X			593.75					1	1									
1037+00.0 to 1062+28.1		X		1300					1										
1049+00.0 to 1065+56.3	X			100						1									
TOTAL				19661.00					7	18	0	25	24			0	11678		

Quantity shown only for Segment 2.  
See Plans Part 3 for Continuation of  
Guardrail Calculations.

DATE	REVISION

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: _____ ZLM _____	DRAWN: _____ BAD _____	
CHECKED: _____ PKW _____	CHECKED: _____ PKW _____	

INDIANA DEPARTMENT OF TRANSPORTATION
GUARDRAIL SUMMARY TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	SEE BRIDGE PLANS
VERTICAL SCALE	DESIGNATION
N/A	1700135
SURVEY BOOK	SHEETS
N/A	167 of 181
CONTRACT	PROJECT
R-41529	1700135



















**STRUCTURE DATA TABLE**

STRUCTURE NUMBER	LOCATION				SIZE FT IN	PIPE TYPE	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YR.	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	ORIFICE		SCOUR PROTECTION			PIPE END SECTION EA	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS			
	STATION	LEFT	RIGHT	CROSS						OFFSET	COVER FT	UP STREAM ELEV.							DOWN STREAM ELEV.	TOP OF WEIR ELEV.	ORIFICE DIAMETER IN	SUMP DEPTH IN	GEOTEXTILE SYS		RIPRAP TYPE	TONS	EA	TYPE	SLOPE	EA			TYPE	SLOPE	EA
572	886+95.0		x		0.0	12	2	Inlet H-5 with Slotted Drain	141		2.5	586.78	586.33	75	N/A	7.0	1	57.0	1														570		
573	888+50.0	x			0.0	12	2	Inlet H-5 with Slotted Drain	96		2.3	587.58	587.28	75	N/A	7.0	1	36.2	1														575		
574	888+50.0		x		72.0	24	2	Mod. Manhole M-4 w/ Weir	12		2.0	579.55	579.50	75	N/A	7.0	1	2.3	1	583.95	10.0				1										
575	889+50.0	x			0.0	15	2	Inlet HA-5 with Slotted Drain	96		2.8	587.10	586.75	75	N/A	7.0	1	48.1	1														576		
576	890+50.0	x			0.0	15	2	Inlet HA-5 with Slotted Drain	2		3.6	586.75	586.40	75	N/A	7.0	1	1.2	1														577		
577	890+50.0		x		3.5	18	2	Manhole J-4	61		3.0	586.40	584.40	75	N/A	7.0	1	36.1	1														578		
578	890+50.0		x		72.0	66	2	Manhole M-4	190		3.6	579.75	579.55	75	N/A	7.0	1	241.7	1														574		
								Str. No. Intentionally Omitted																											
580	891+50.0		x		0.0	18	2	Inlet H-5 with Slotted Drain	95		2.3	588.35	587.85	75	N/A	7.0	1	45.7	1														577		
								Str. No. Intentionally Omitted																											
582	892+50.0		x		0.0	18	2	Inlet H-5 with Slotted Drain	96		2.3	588.78	588.37	75	N/A	7.0	1	46.1	1															580	
583	893+50.0	x			0.0	18	2	Inlet HA-5 with Slotted Drain	96		2.3	589.25	588.80	75	N/A	7.0	1	46.1	1															582	
584	894+50.0	x			0.0	18	2	Inlet HA-5 with Slotted Drain	96		2.3	589.55	589.25	75	N/A	7.0	1	46.1	1															583	
585	895+50.0	x			0.0	15	2	Inlet H-5 with Slotted Drain	96		2.2	590.15	589.85	75	N/A	7.0	1	39.7	1															584	
586	896+50.0	x			0.0	15	2	Inlet HA-5 with Slotted Drain	96		2.2	590.50	590.20	75	N/A	7.0	1	39.7	1															585	
587	897+50.0	x			0.0	12	2	Inlet HA-5 with Slotted Drain	96		2.3	591.05	590.75	75	N/A	7.0	1	36.2	1															586	
588	898+75.0		x		0.0	18	2	Inlet H-5 with Slotted Drain	61		2.9	590.80	588.80	75	N/A	7.0	1	35.1	1															589	
589	898+75.0		x		68.0	36	2	Manhole J-4	143		2.9	587.30	587.16	75	N/A	7.0	1	58.1	1															591	
590	900+00.0	x			0.0	15	2	Inlet HA-5 with Slotted Drain	121		2.3	592.00	591.19	75	N/A	7.0	1	51.8	1															588	
591	900+25.0		x		68.0	24	2	Mod. Manhole J-4 w/ Weir	17		2.1	587.16	587.00	75	N/A	7.0	1	3.3	1	589.70	12.0				1										
592	901+50.0	x			0.0	15	2	Inlet H-5 with Slotted Drain	146		2.3	593.05	592.00	75	N/A	7.0	1	62.5	1															590	
593	903+00.0	x			0.0	12	2	Inlet HA-5 with Slotted Drain	146		2.3	594.55	593.27	75	N/A	7.0	1	55.1	1															592	
594	904+50.0	x			0.0	18	2	Inlet H-5 with Slotted Drain	3		2.3	595.05	595.00	75	N/A	7.0	1	1.4	1															595	
595	904+50.0		x		0.0	18	2	Inlet H-5	62		2.1	595.00	593.75	75	N/A	7.0	1	27.9	1															596	
596	904+50.0		x		70.0	48	2	Manhole K-4	191		4.1	589.27	589.08	75	N/A	7.0	1	132.8	1															598	

DATE	REVISION	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
						N/A	SEE BRIDGE PLANS
						VERTICAL SCALE	DESIGNATION
						N/A	1700135
		DESIGNED: ZLM	DRAWN: BAD		STRUCTURE DATA TABLE	SURVEY BOOK	SHEETS
		CHECKED: PKW	CHECKED: PKW			N/A	176 of 181
						CONTRACT	PROJECT
						R-41529	1700135

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**STRUCTURE DATA TABLE**

STRUCTURE NUMBER	LOCATION				SIZE FT IN	PIPE TYPE	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YR.	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL CYC	TYPE	ORIFICE		SCOUR PROTECTION			PIPE END SECTION			GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS	
	STATION	LEFT	RIGHT	CROSS						OFFSET FT	COVER FT	UP STREAM ELEV.							DOWN STREAM ELEV.	TOP OF WEIR ELEV.	ORIFICE DIAMETER IN	SUMP DEPTH IN	GEOTEXTILE SYS	RIPRAP TYPE	TONS	EA	TYPE	SLOPE	EA	TYPE	SLOPE	EA			
																																			EA
597	906+00.0	x			0.0	18	2	Inlet HA-5 with Slotted Drain	146		2.3	596.45	595.05	75	N/A	7.0	1	70.2	1															594	
598	906+50.0		x		70.0	24	2	Mod. Manhole K-4 w/ Weir	23		4.0	589.08	589.00	75	N/A	7.0	1	4.5	1	592.82	11.0					1									
599	907+50.0	x			0.0	15	2	Inlet H-5 with Slotted Drain	146		2.2	598.08	596.73	75	N/A	7.0	1	60.4	1															597	
600	909+00.0	x			0.0	12	2	Inlet HA-5	146		2.2	599.93	598.36	75	N/A	7.0	1	53.2	1															599	
601	910+00.0		x		69.0	24	2	Mod. Manhole L-4 w/ Weir	22		2.8	596.48	596.40	75	N/A	7.0	1	4.3	1	600.40	10.0					1									
602	910+75.0	x			0.0	12	2	Inlet H-5	171		2.3	601.23	599.92	75	N/A	7.0	1	64.5	1															600	
603	912+00.0		x		0.0	18	2	Inlet H-5 with Slotted Drain	61		2.4	601.82	600.50	75	N/A	7.0	1	30.3	1															604	
604	912+00.0		x		69.0	54	2	Manhole L-4	191		3.0	596.69	596.48	75	N/A	7.0	1	165.8	1															601	
605	914+50.0		x		0.0	15	2	Inlet H-5	246		2.3	604.65	602.15	75	N/A	7.0	1	105.4	1															603	
606	917+00.0		x		0.0	15	2	Inlet H-5	246		2.3	606.15	604.65	75	N/A	7.0	1	105.4	1															605	
607	921+00.0		x		0.0	12	2	Inlet H-5 with Slotted Drain	196		2.3	606.48	605.28	75	N/A	7.0	1	74.0	1															608	
608	923+00.0		x		0.0	15	2	Inlet H-5	195		2.3	605.05	603.24	75	N/A	7.0	1	83.5	1															610	
609	925+00.0	x			0.0	12	2	Inlet HA-5	4		2.3	603.55	603.53	75	N/A	7.0	1	1.5	1															610	
610	925+00.0		x		3.1	24	2	Mod. Manhole J-5	55		4.8	600.00	599.81	75	N/A	7.0	1	59.5	1															611	
611	925+00.0		x		66.0	38	2	Manhole K-4	193		2.9	598.76	598.57	75	N/A	7.0	1	204.7	1															613	
612	927+00.0		x		0.0	15	2	Inlet H-5 with Slotted Drain	195		2.3	600.80	600.20	75	N/A	7.0	1	83.5	1															610	
613	927+00.0		x		66.5	24	2	Mod. Manhole K-4 w/ Weir	21		2.0	598.57	598.50	75	N/A	7.0	1	4.1	1	601.40	12.0					1									Orifice is a horizontal ellipse
614	929+50.0		x		0.0	12	2	Inlet H-5	246		2.3	597.50	593.93	75	N/A	7.0	1	92.9	1															615	
615	932+00.0		x		0.0	15	2	Inlet H-5	196		2.3	593.69	590.83	75	N/A	7.0	1	84.0	1															616	
616	934+00.0		x		0.0	18	2	Inlet H-5 with Slotted Drain	146		2.3	590.58	588.48	75	N/A	7.0	1	70.2	1															618	
								Str. No. Intentionally Omitted																											
618	935+50.0		x		0.0	18	2	Inlet H-5	64		3.6	587.00	586.14	75	N/A	7.0	1	44.1	1															619	
619	935+50.0		x		72.0	54	2	Manhole L-4	241		4.5	581.50	581.25	75	N/A	7.0	1	209.3	1															622	
620	936+50.0		x		0.0	12	2	Inlet H-5	96		2.3	587.88	587.58	75	N/A	7.0	1	36.2	1															618	
621	937+50.0		x		0.0	12	2	Inlet H-5 with Slotted Drain	71		2.3	587.15	586.92	75	N/A	7.0	1	26.8	1															623	

DATE	REVISION	RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
						N/A	SEE BRIDGE PLANS
						VERTICAL SCALE	DESIGNATION
						N/A	1700135
		DESIGNED: ZLM	DRAWN: BAD		STRUCTURE DATA TABLE	SURVEY BOOK	SHEETS
		CHECKED: PKW	CHECKED: PKW			N/A	177 of 181
						CONTRACT	PROJECT
						R-41529	1700135

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**STRUCTURE DATA TABLE**

STRUCTURE NUMBER	LOCATION				SIZE FT IN	PIPE TYPE	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YR.	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	ORIFICE		SCOUR PROTECTION			PIPE END SECTION EA	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS		
	STATION	LEFT	RIGHT	CROSS						OFFSET FT	COVER FT	UP STREAM ELEV.							DOWN STREAM ELEV.	TOP OF WEIR ELEV.	ORIFICE DIAMETER IN	SUMP DEPTH IN	GEOTEXTILE SYS		RIPRAP TYPE	TONS	TYPE	SLOPE	EA	TYPE			SLOPE	EA
697	1010+50.0		x		0.0	18	2	Inlet H-5 with Slotted Drain	145		2.3	591.25	590.35	75	N/A	7.0	1	69.7	1													700		
698	1011+50.0		x		70.0	54	2	Manhole L-4	292		6.5	583.50	583.19	75	N/A	7.0	1	253.5	1													695		
699	1012+00.0	x			0.0	12	2	Inlet HA-5	4		2.2	590.90	590.88	75	N/A	7.0	1	1.5	1													700		
700	1012+00.0		x		3.1	24	2	Mod. Manhole J-5	144		2.3	589.81	588.90	75	N/A	7.0	1	86.8	1													702		
701	1013+50.0	x			0.0	12	2	Inlet HA-5	4		2.3	589.93	589.91	75	N/A	7.0	1	1.5	1													702		
702	1013+50.0		x		3.1	24	2	Mod. Manhole J-5	59		2.3	588.90	587.00	75	N/A	7.0	1	35.5	1													703		
703	1013+50.0		x		70.0	36	2	Manhole J-4	193		4.4	584.60	584.40	75	N/A	7.0	1	78.4	1													698		
704	1017+50.0		x		5.5	15	2	Inlet N-12	74		0.8	585.40	585.00	75	N/A	7.0	1	16.2	1				1											
705	1023+00.0		x		5.5	15	2	Inlet N-12	74		0.8	580.65	580.34	75	N/A	7.0	1	16.2	1				1											
706	1030+50.0		x		5.5	15	2	Inlet N-12	74		0.8	575.35	574.76	75	N/A	7.0	1	16.2	1				1											
707	1036+00.0		x		5.5	15	2	Inlet N-12	97		1.5	572.50	572.20	75	N/A	7.0	1	30.5	1													708		
708	1037+00.0		x		5.5	18	2	Inlet N-12	79		0.8	572.08	571.50	75	N/A	7.0	1	20.0	1				1											

DATE	REVISION

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____
DESIGNED: _____ ZLM _____ DRAWN: _____ BAD _____
CHECKED: _____ PKW _____ CHECKED: _____ PKW _____

<b>INDIANA</b> <b>DEPARTMENT OF TRANSPORTATION</b>
<b>STRUCTURE DATA TABLE</b>

HORIZONTAL SCALE N/A	BRIDGE FILE SEE BRIDGE PLANS
VERTICAL SCALE N/A	DESIGNATION 1700135
SURVEY BOOK N/A	SHEETS 181 of 181
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