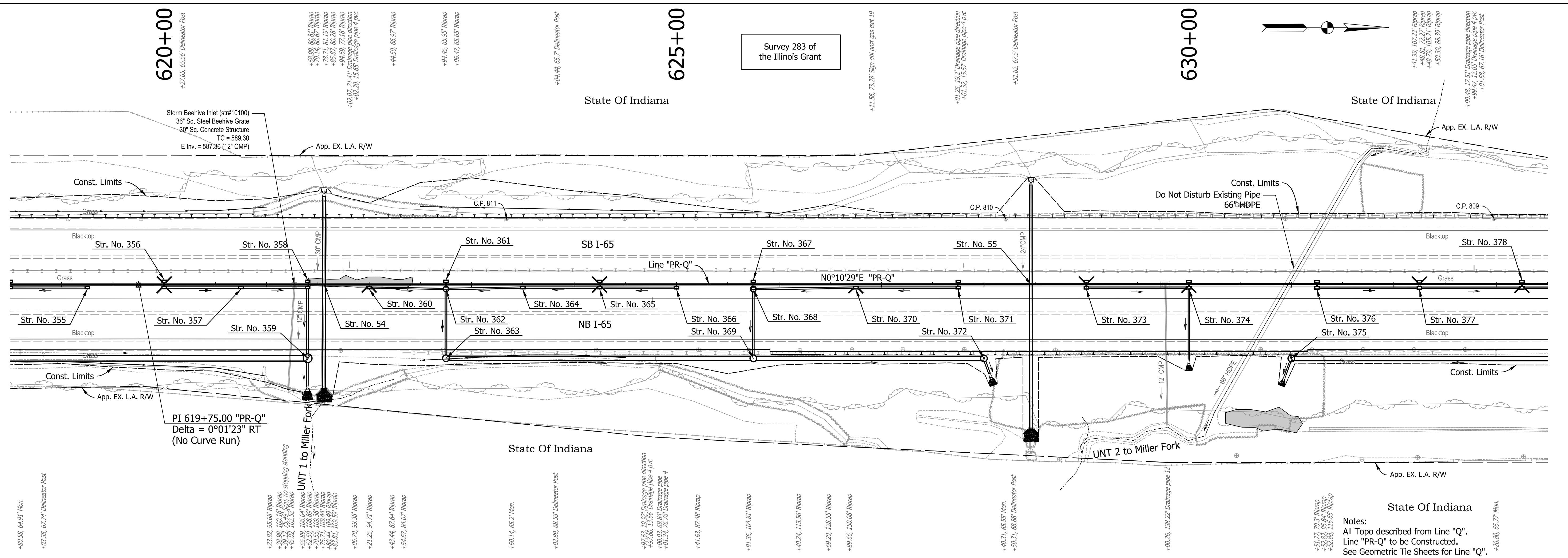


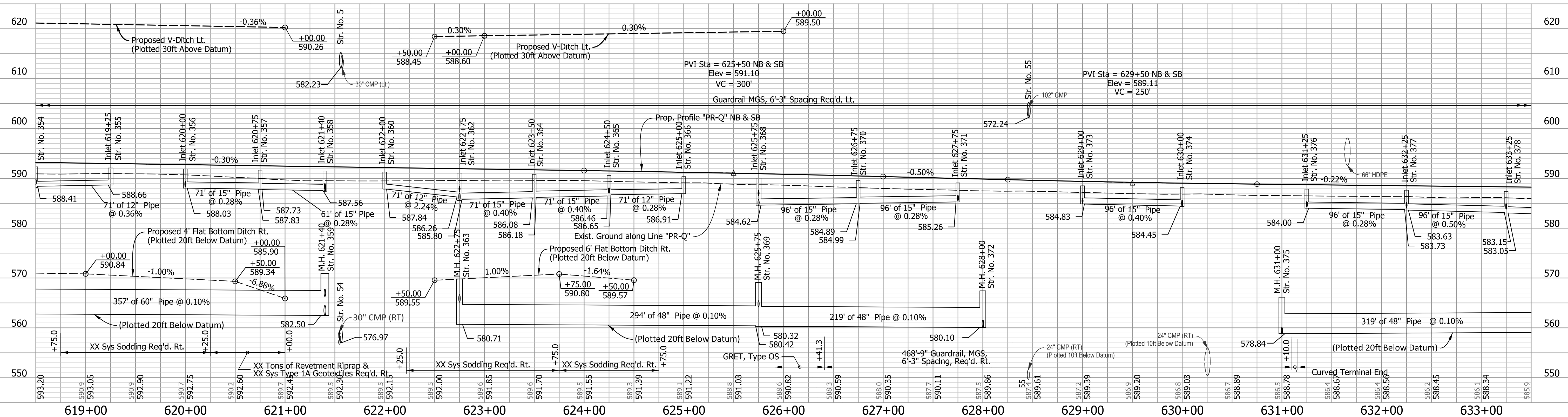
Survey 283 of the Illinois Grant

State Of Indiana

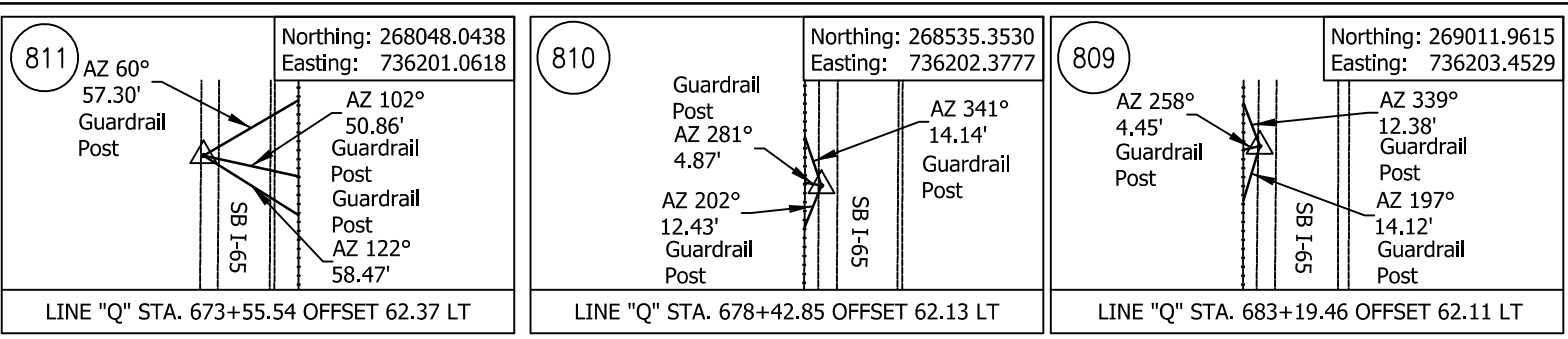
State Of Indiana



Notes:  
All Topo described from Line "Q".  
Line "PR-Q" to be Constructed.  
See Geometric Tie Sheets for Line "Q".



I:\414\2022\11.34\15 AM\1.P\200035 - 165 ATL\09Road\04 Design files\02 (DGN)Plans\200035\_07\_Sht\_Line\_Q\_PlanProfile\_17.dgn

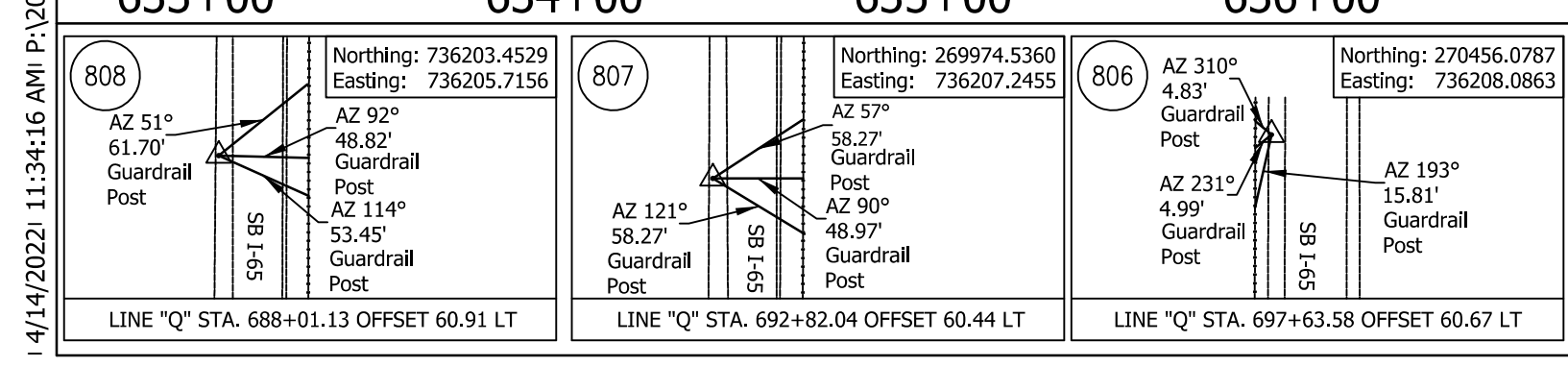
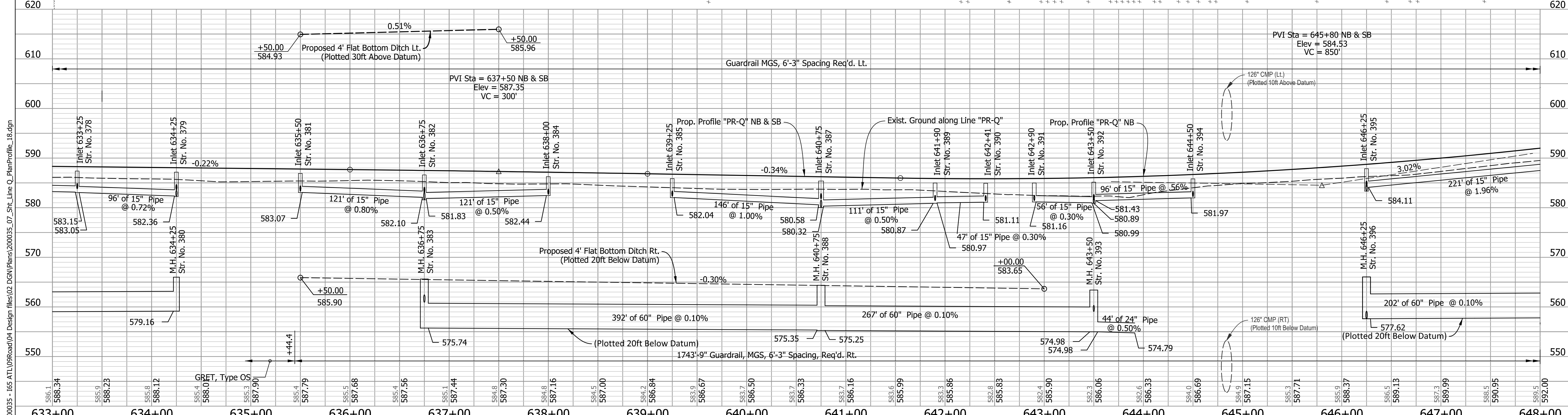
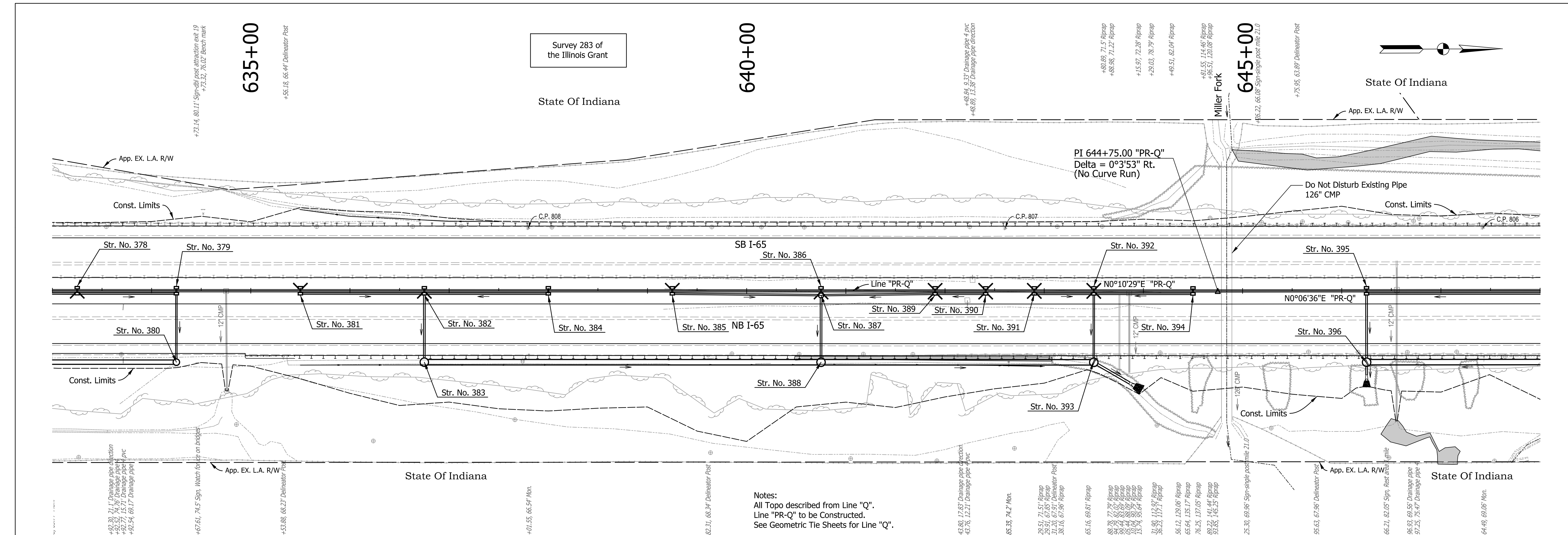


RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
STA. 618+50.00 TO STA. 633+50.00

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700135
SURVEY BOOK	SHEETS
Electronic	127 of 190
CONTRACT	PROJECT
R-41529	1700135



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

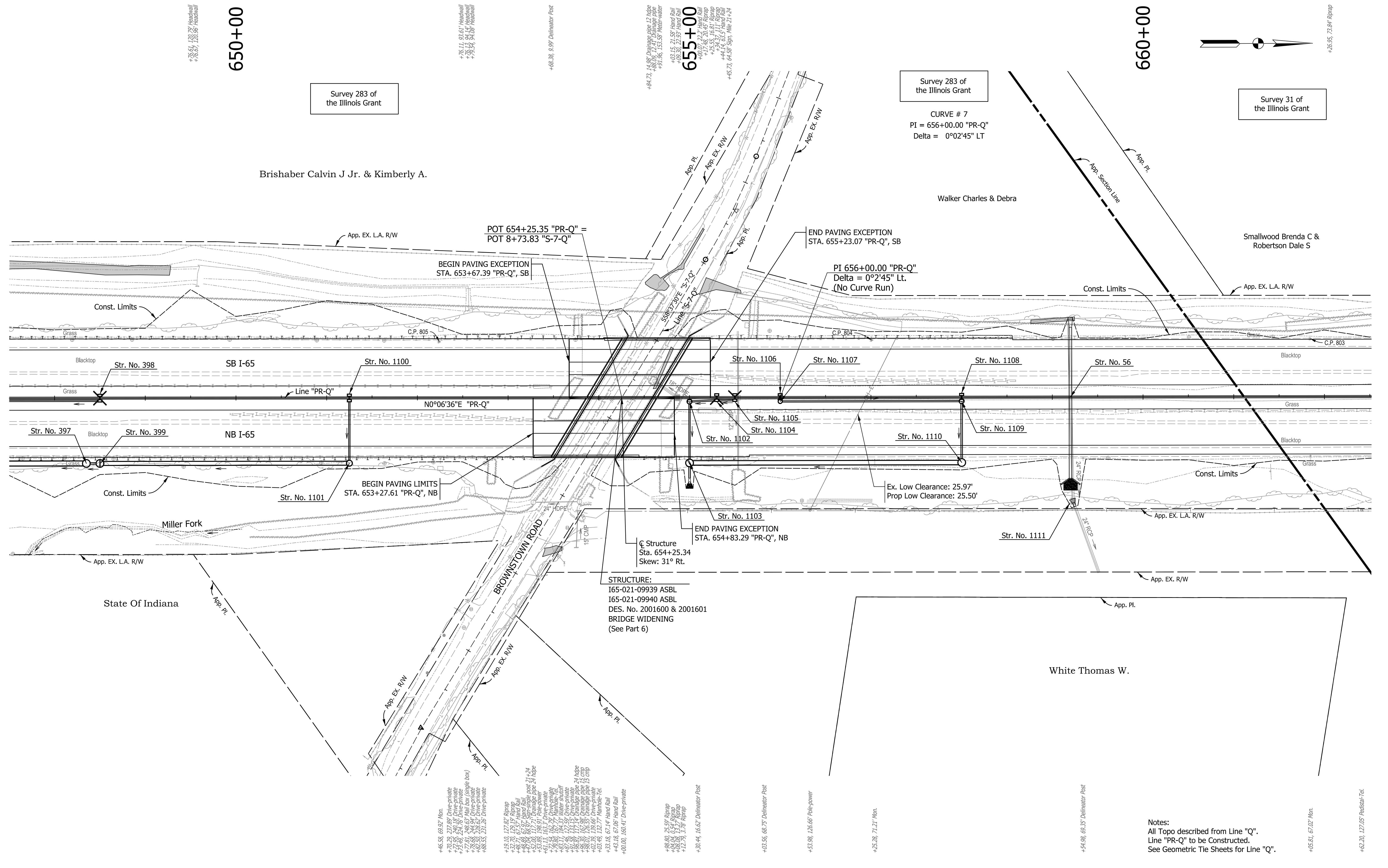
**INDIANA DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**  
**STA. 633+00.00 TO STA. 648+00.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700135
SURVEY BOOK	SHEETS
Electronic	128 of 190
CONTRACT	PROJECT
R-41529	1700135

4/14/2022, 11:34:16 AM, P:\200035-165 AT\109Road\04 Design files\02 DGN\Plans\200035\_07\_Sht\_Line\_Q\_PlanProfile\_18.dgn

I:\14\2022\11.34\17 AM\1.P:200035 - 165 ATL\09Road\04 Design files\02\_DGN\Plans\200035\_07\_Sht\_Line\_Q\_Plan\_19.dgn



Notes:  
 All Topo described from Line "Q".  
 Line "PR-Q" to be Constructed.  
 See Geometric Tie Sheets for Line "Q".

<p>805</p> <p>Guardrail Post          AZ 332°          7.90'          AZ 282°          3.88'          Guardrail Post</p> <p>59°18'S</p> <p>Guardrail Post          AZ 199°          10.30'          Guardrail Post</p> <p>LINE "Q" STA. 702+45.35 OFFSET 59.33 LT</p>	<p>804</p> <p>Guardrail Post          AZ 342°          8.99'</p> <p>Guardrail Post          AZ 215°          4.83'</p> <p>59°18'S</p> <p>Guardrail Post          AZ 189°          16.81'          Guardrail Post</p> <p>LINE "Q" STA. 707+22.06 OFFSET 60.84 LT</p>	<p>803</p> <p>Guardrail Post          AZ 110°          84.15'</p> <p>Guardrail Post          AZ 66°          86.30'          AZ 88°          79.08'          Guardrail Post</p> <p>59°18'S</p> <p>LINE "Q" STA. 712+05.79 OFFSET 62.02 LT</p>
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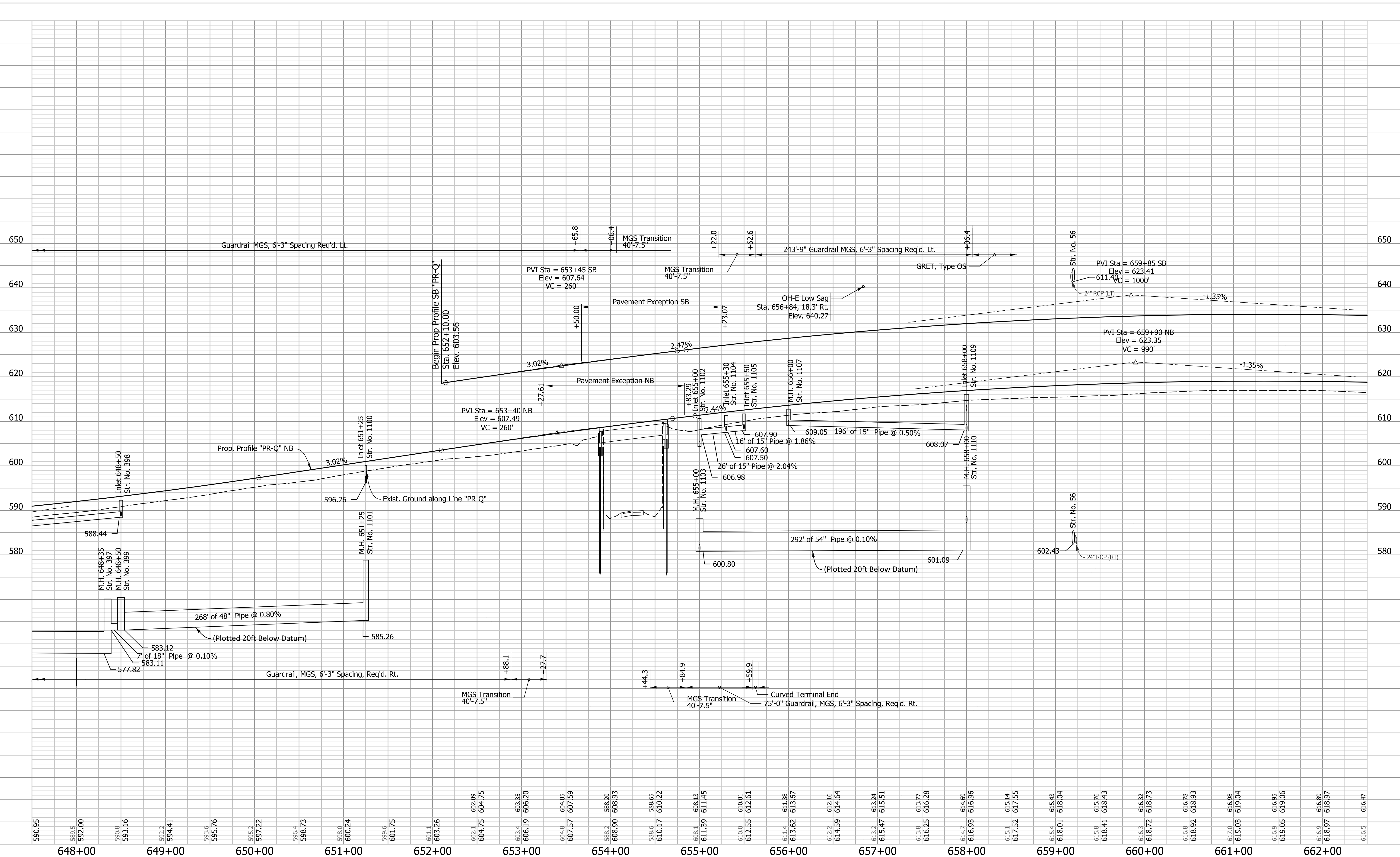
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

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

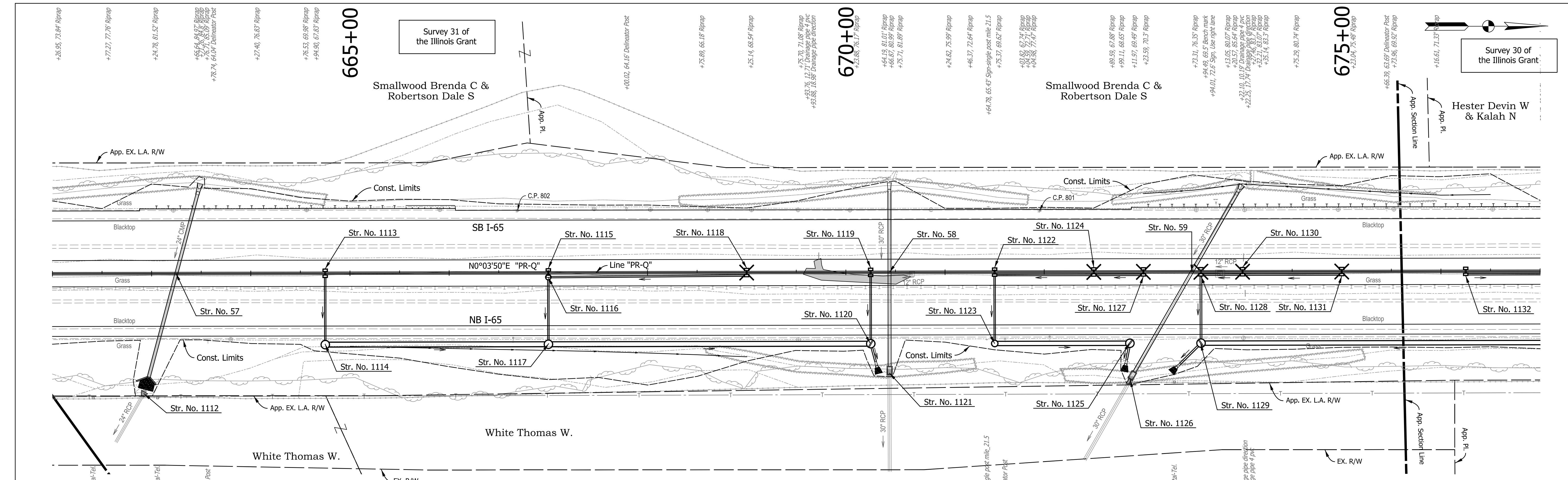
**PLAN**  
**STA. 647+50.00 TO STA. 662+50.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	129 of 190
CONTRACT	PROJECT
R-41529	1700135

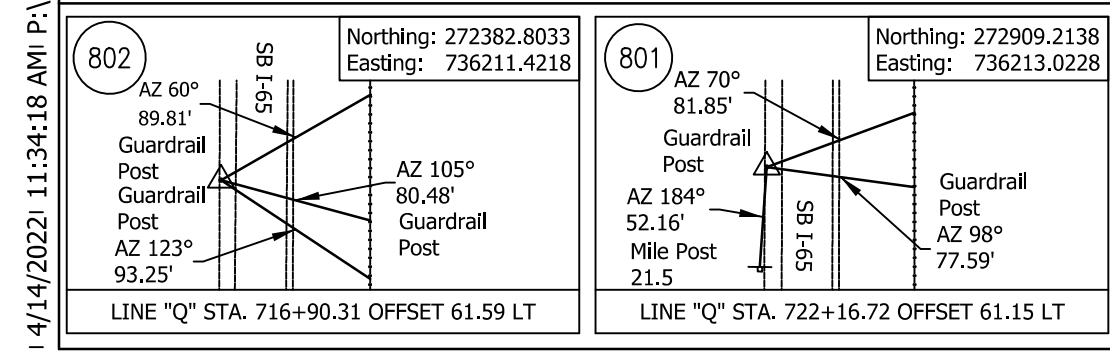
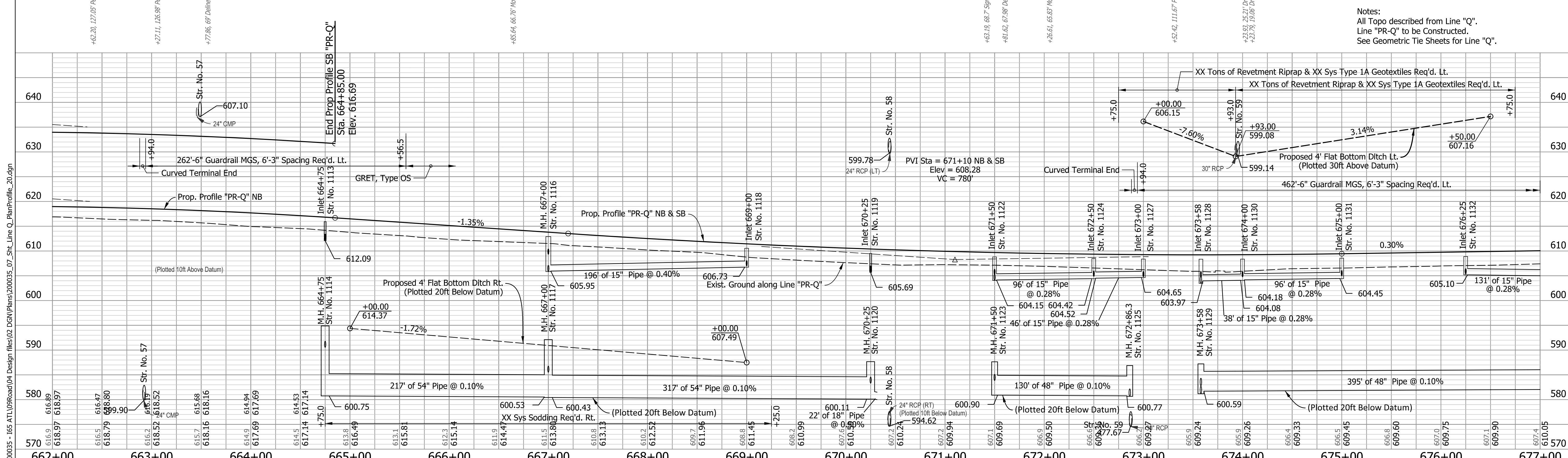
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
DESIGNED: AMD		DRAWN: JJP					1" = 50'		N/A	
CHECKED: DJG		CHECKED: DJG			VERTICAL SCALE		DESIGNATION		PROJECT	
					1" = 10'		1700135		SHEETS	
PLAN AND PROFILE STA. 647+50.00 TO STA. 662+50.00					SURVEY BOOK		Electronic		130 of 190	
					CONTRACT		R-41529		PROJECT	
									1700135	



Notes:  
 All Topo described from Line "Q".  
 Line "PR-Q" to be Constructed.  
 See Geometric Tie Sheets for Line "Q".



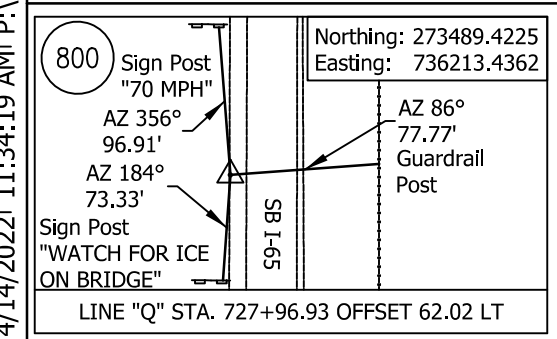
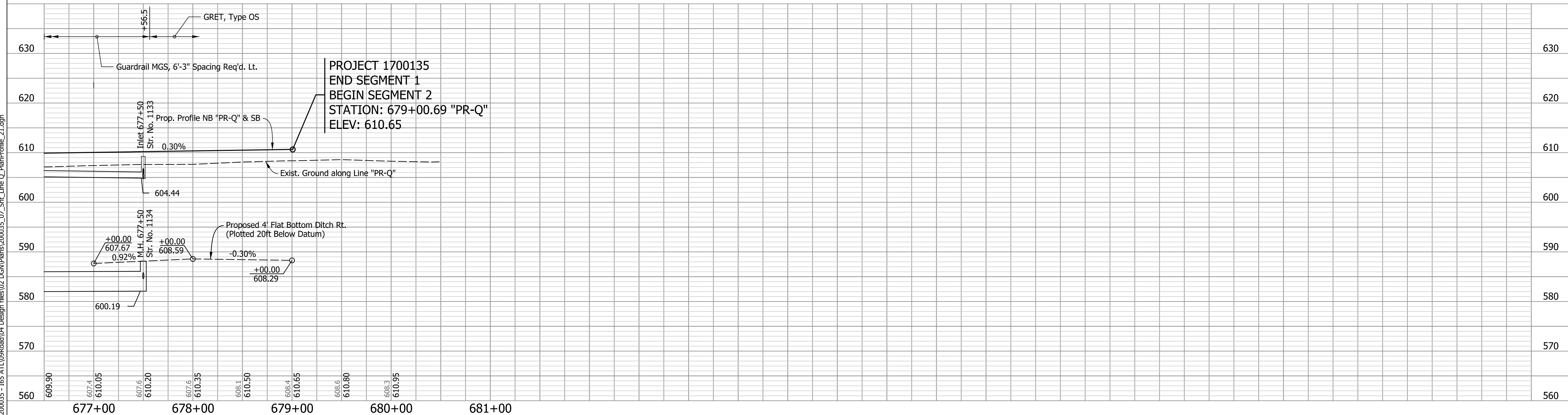
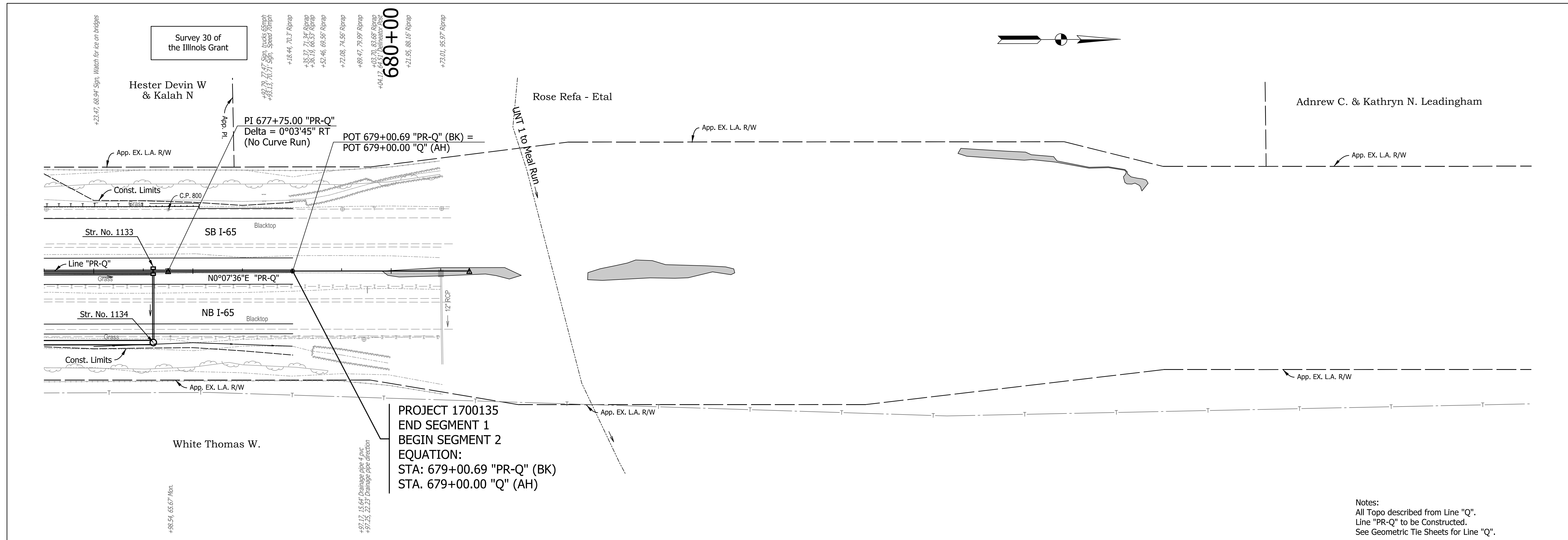
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE**  
**STA. 662+00.00 TO STA. 677+00.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700135
SURVEY BOOK	SHEETS
Electronic	131 of 190
CONTRACT	PROJECT
R-41529	1700135



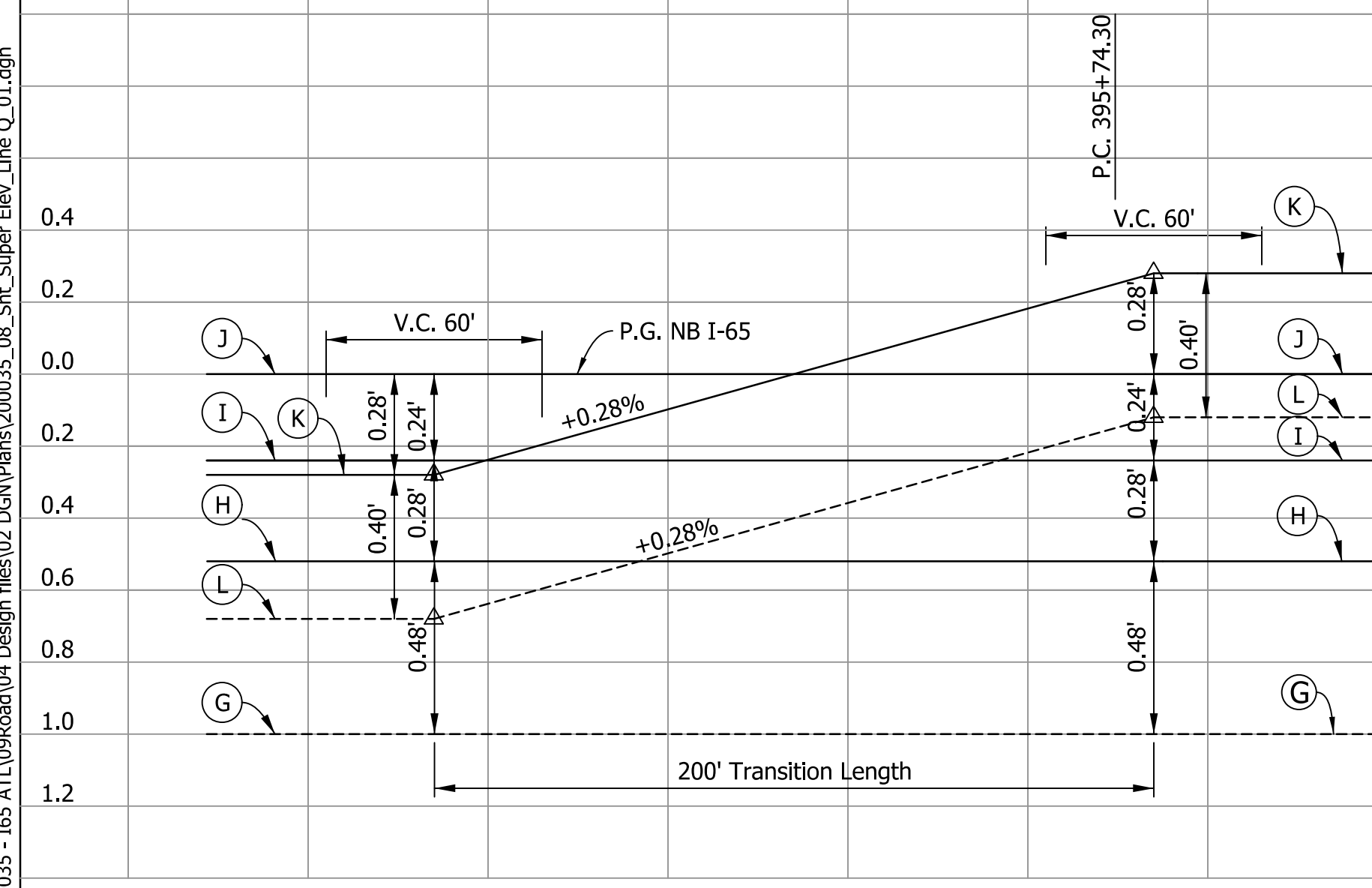
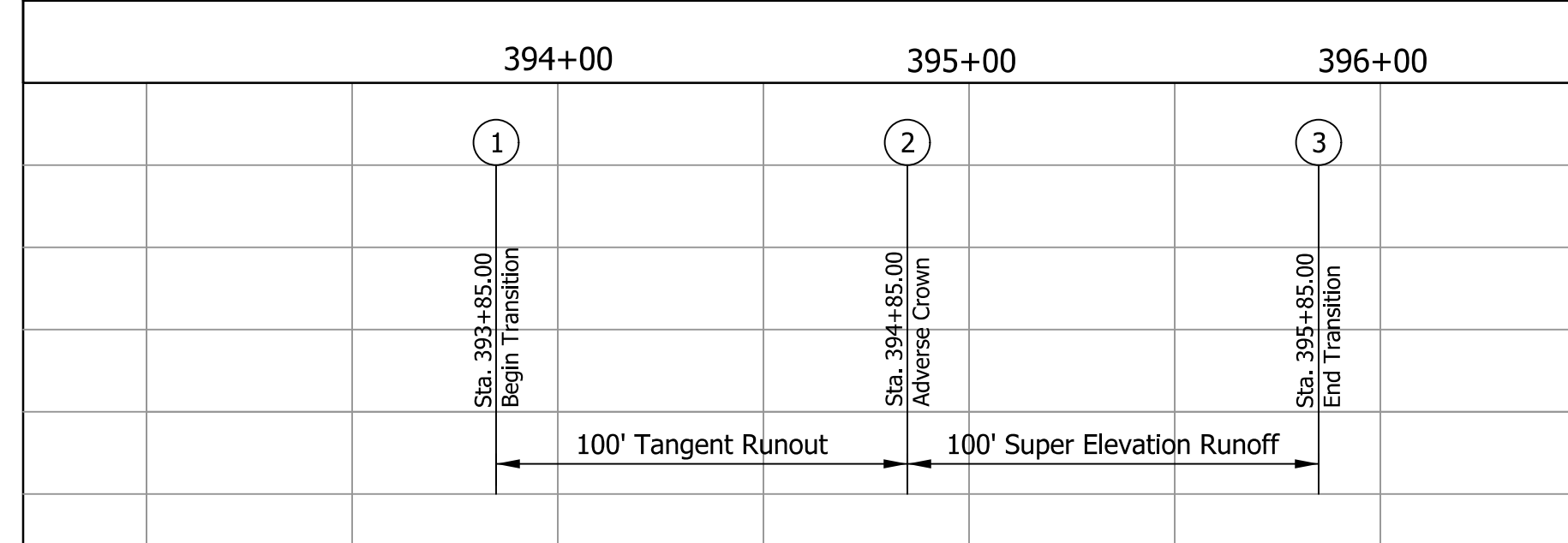
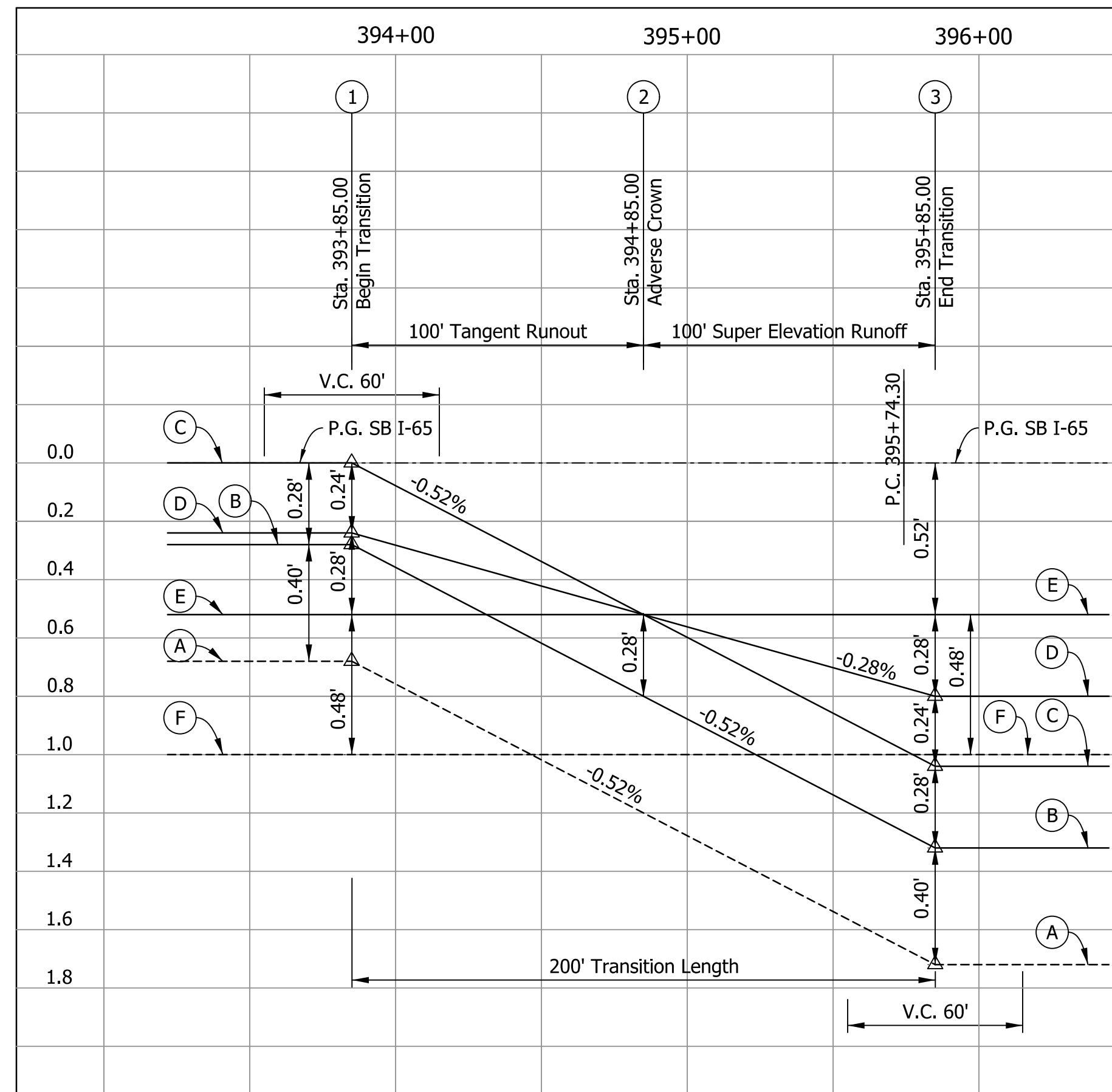
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE  
STA. 676+50.00 TO STA. 679+00.69

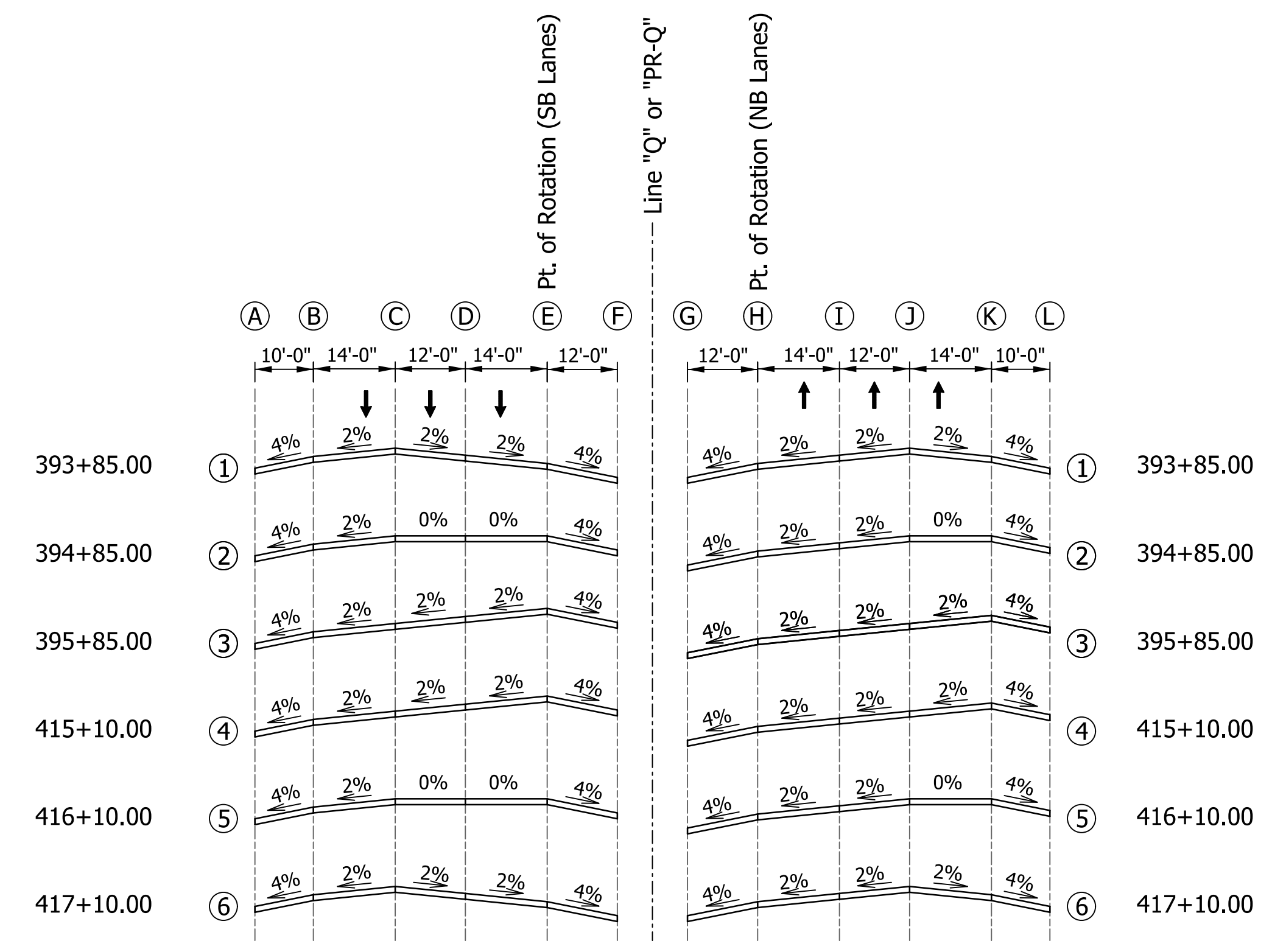
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700135
SURVEY BOOK	SHEETS
Electronic	132 of 190
CONTRACT	PROJECT
R-41529	1700135

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**Southbound Lanes**  
Compound Curve

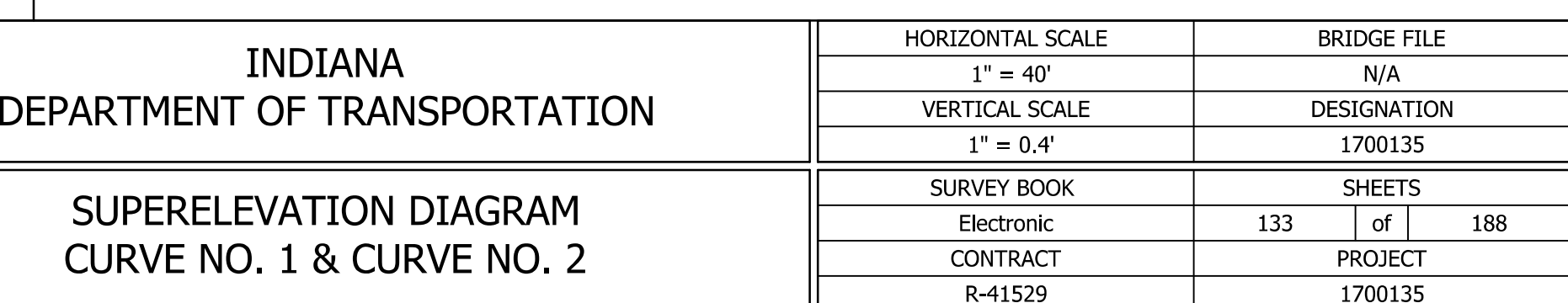
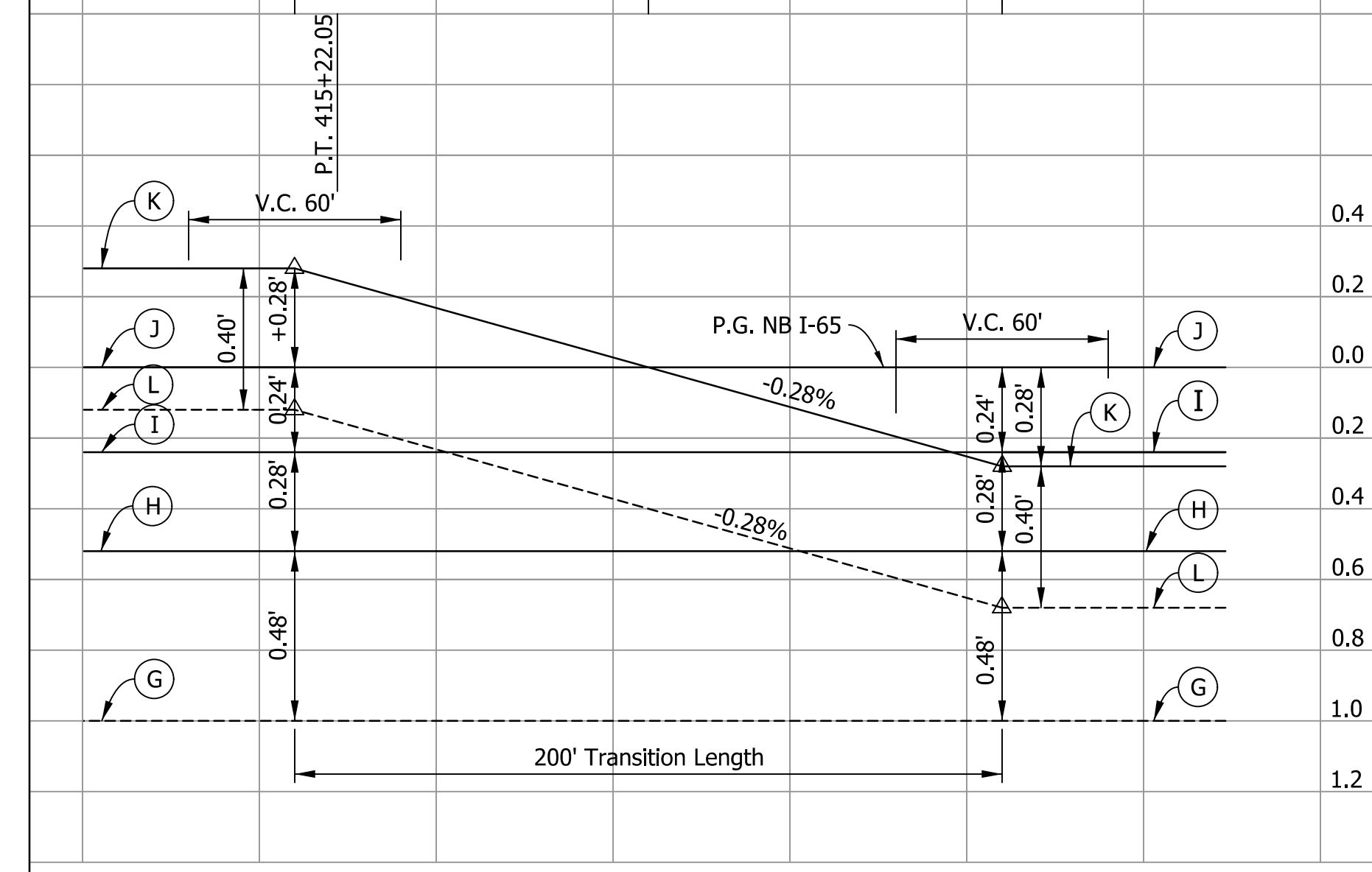
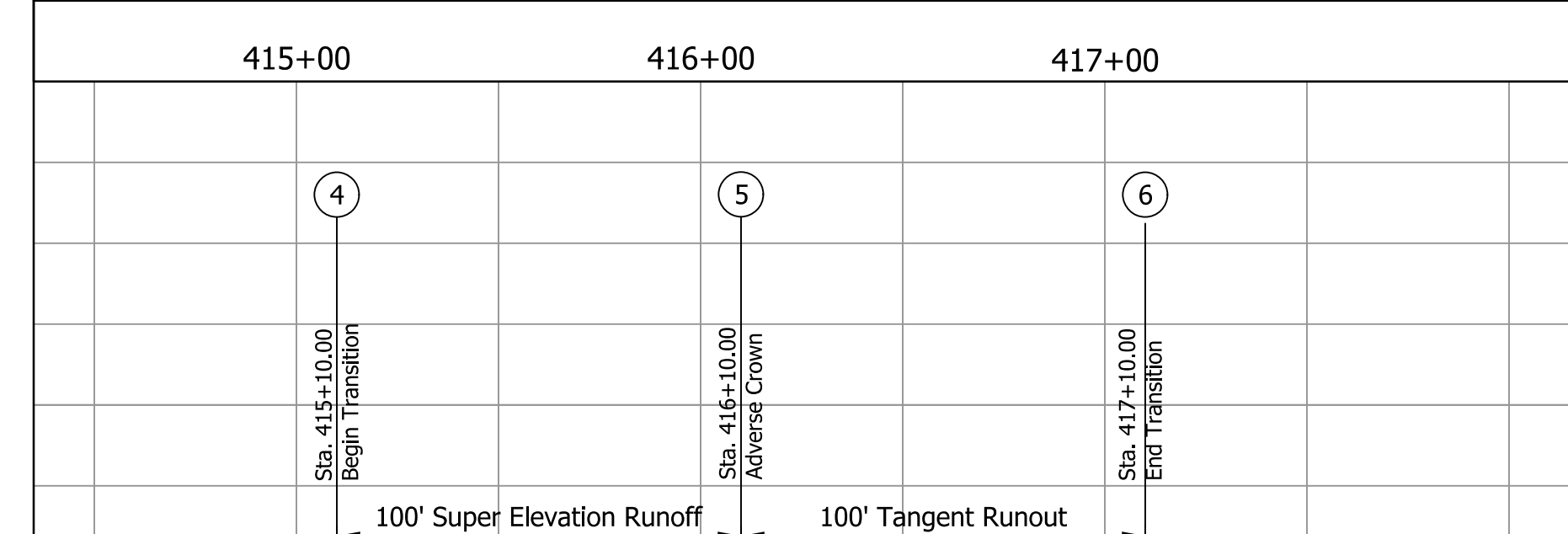
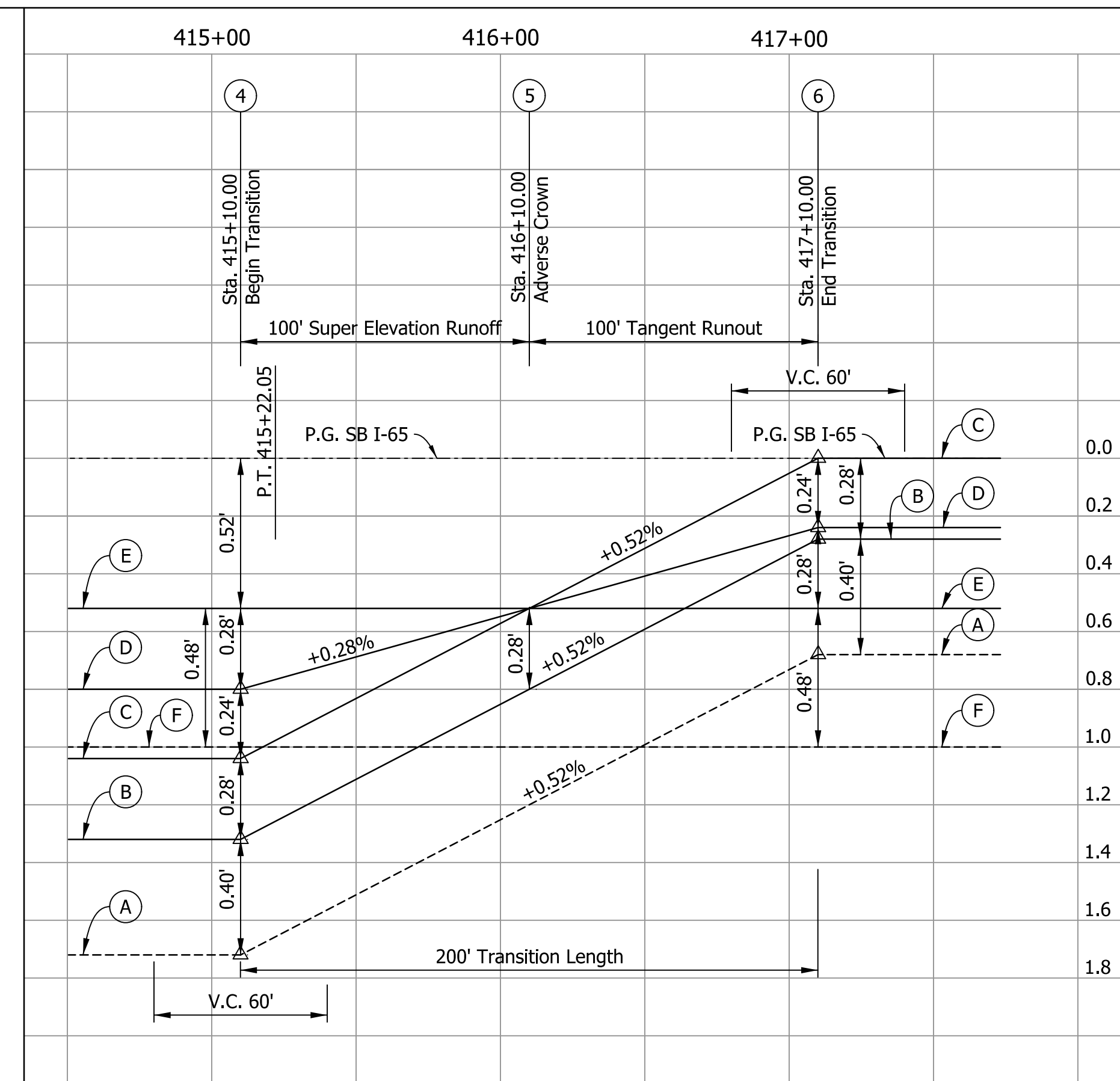
P.I. Sta. 401+37.60 "Q" P.I. Sta. 411+11.19 "PR-Q"  
 R = 11,459.16' R = 12,000.00'  
 e = 2.00% e = 2.00%  
 (Curve to left) (Curve to left)



**Northbound Lanes**  
Compound Curve

P.I. Sta. 401+37.60 "Q" P.I. Sta. 411+11.19 "PR-Q"  
 R = 11,459.16' R = 12,000.00'  
 e = 2.00% e = 2.00%  
 (Curve to left) (Curve to left)

Not To Scale



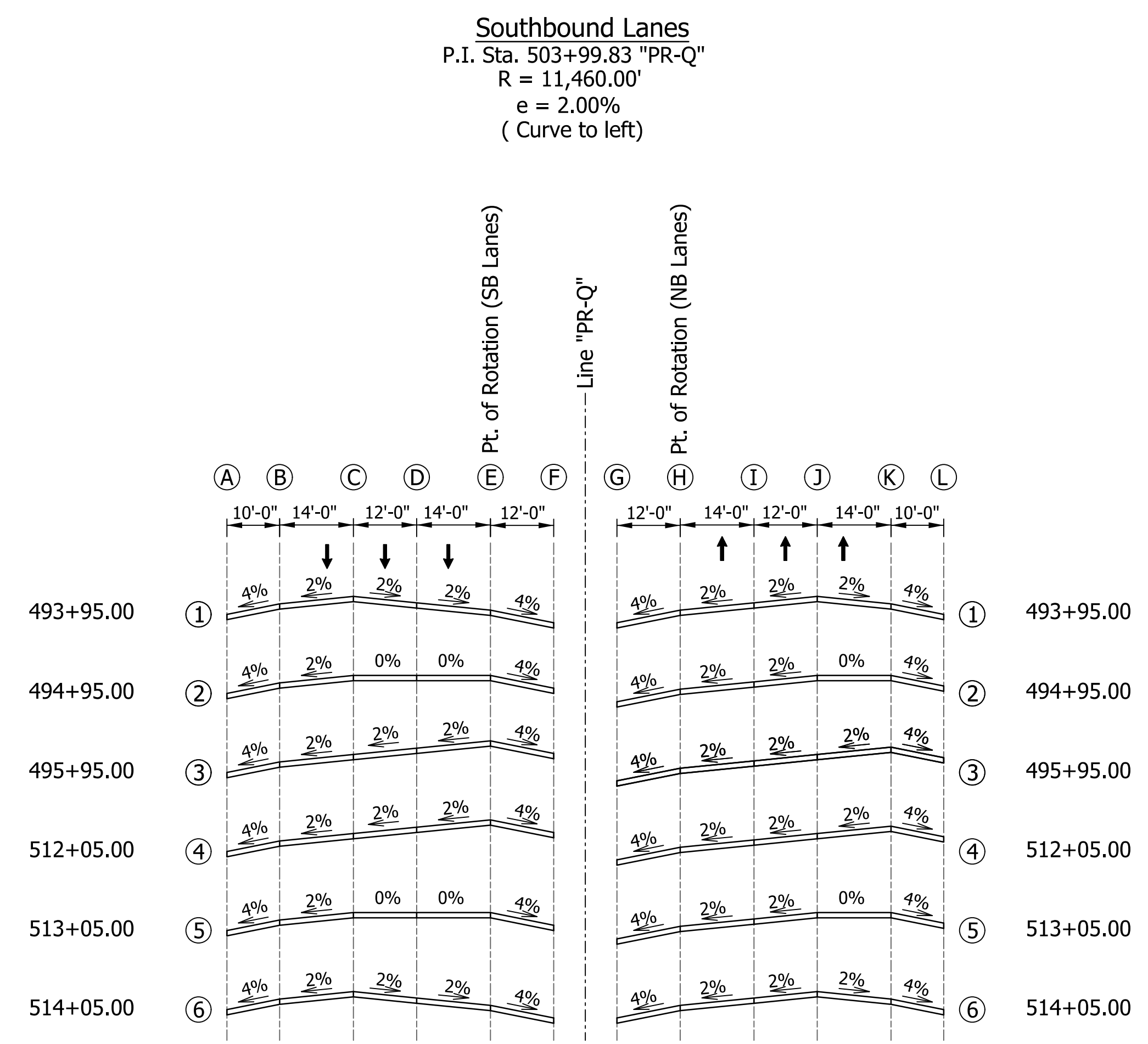
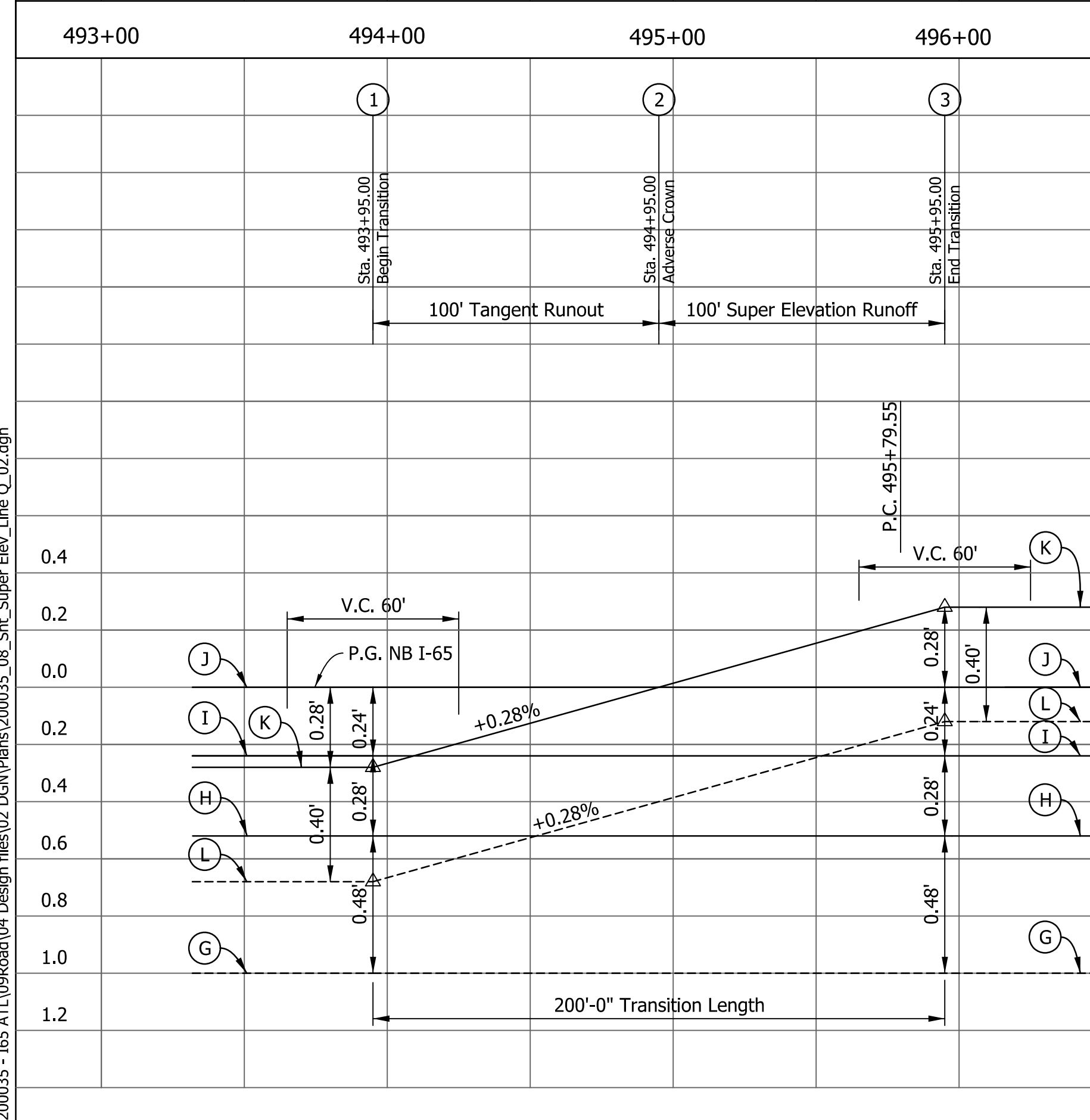
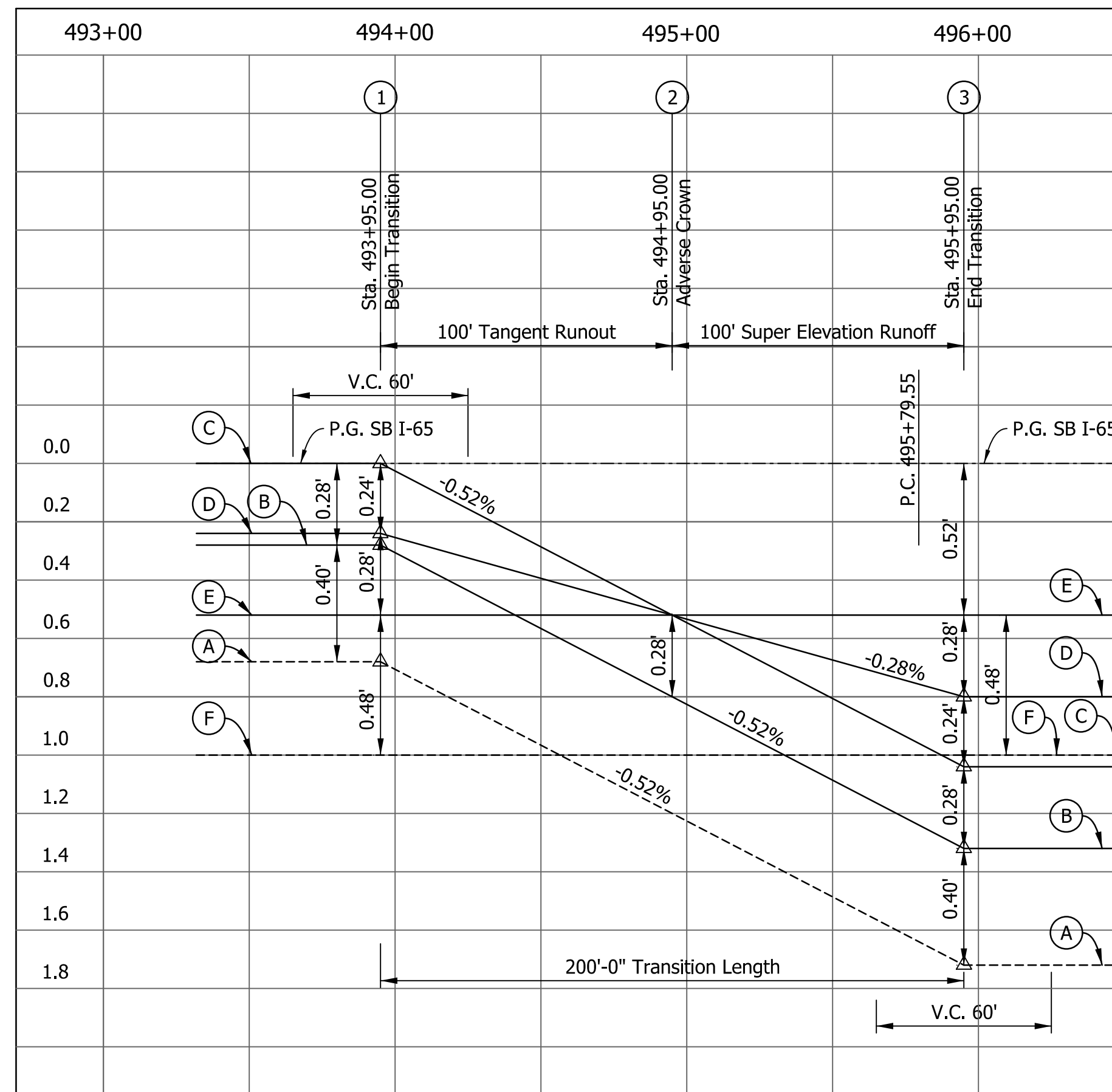
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: VK	DRAWN: VK	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

SUPERELEVATION DIAGRAM  
CURVE NO. 1 & CURVE NO. 2

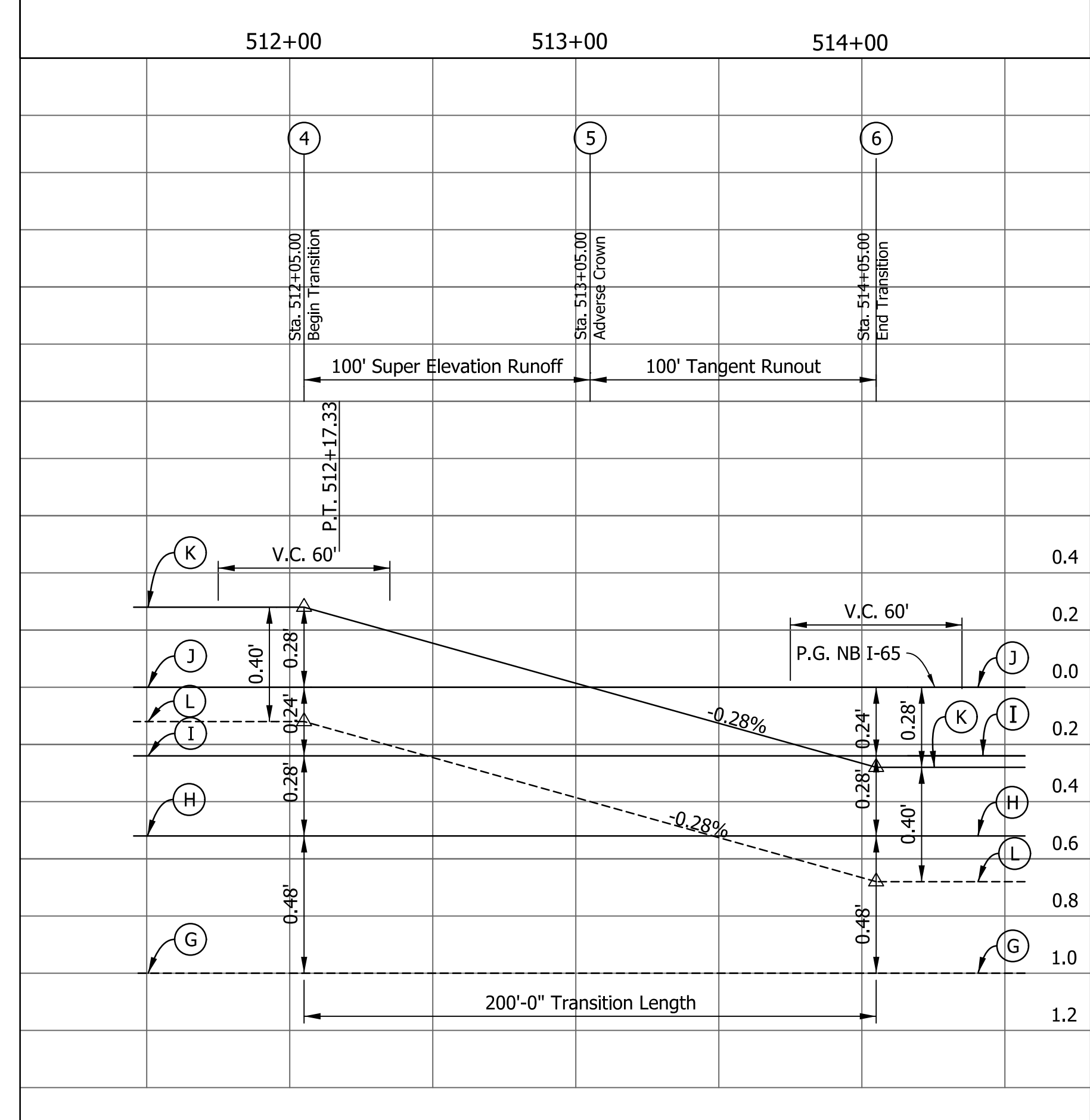
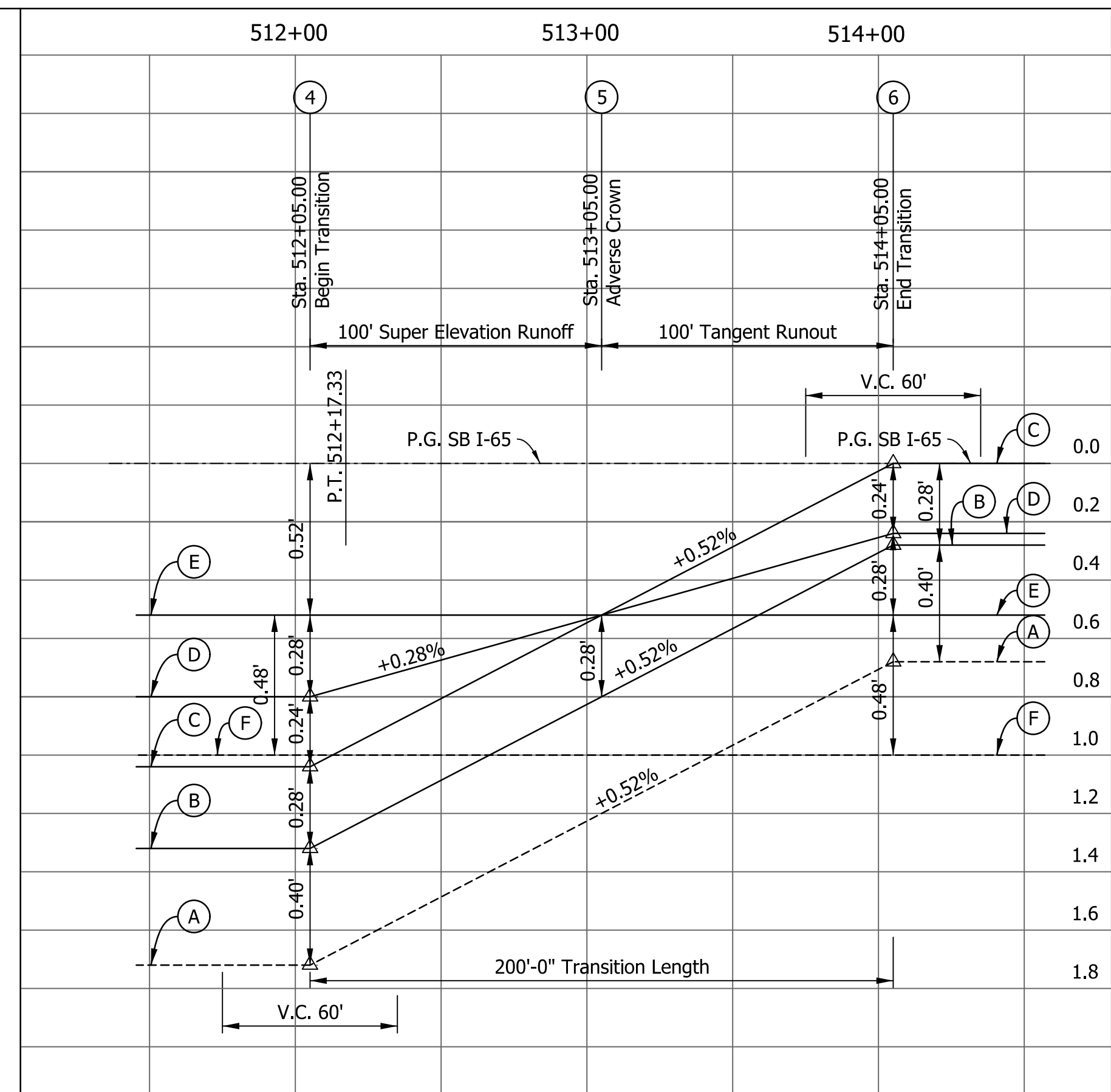
HORIZONTAL SCALE 1" = 40'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 4"	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 133 of 188
CONTRACT R-41529	PROJECT 1700135

11/29/2021 7:26:36 PM I:\P\200035 - 165 ATL\09Road\04 Design files\02.DGN\Plans\200035\_08\_Sht\_Super Elev\_Line\_Q\_02.dgn



PG = Profile Grade

**Northbound Lanes**  
P.I. Sta. 503+99.83 "PR-Q"  
R = 11,460.00'  
e = 2.00%  
(Curve to left)  
Not To Scale



RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: VK	DRAWN: VK	
CHECKED: DJG	CHECKED: DJG	

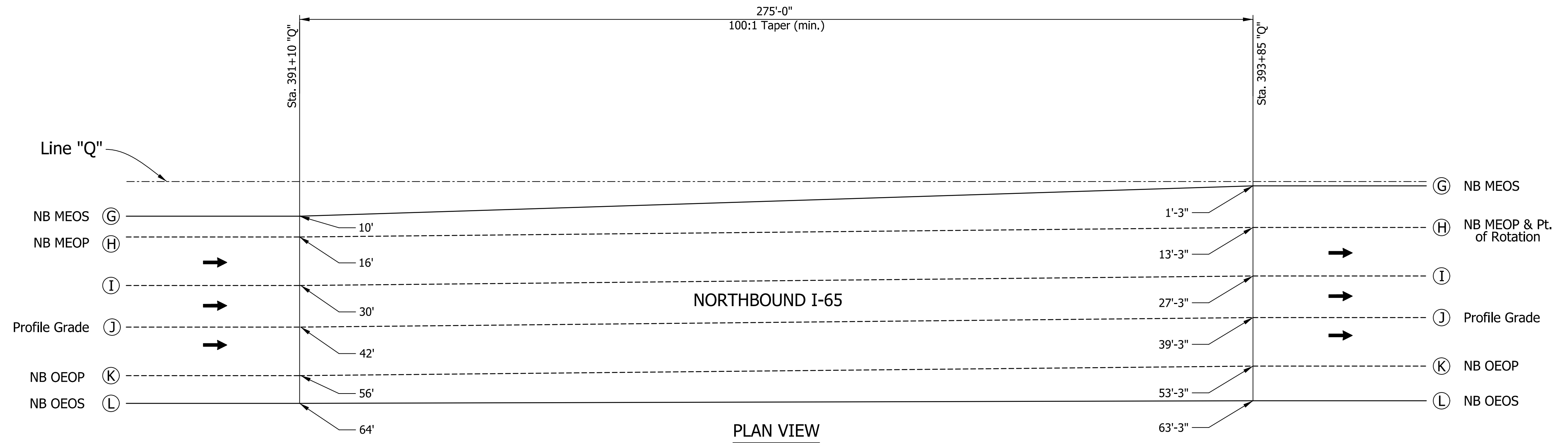
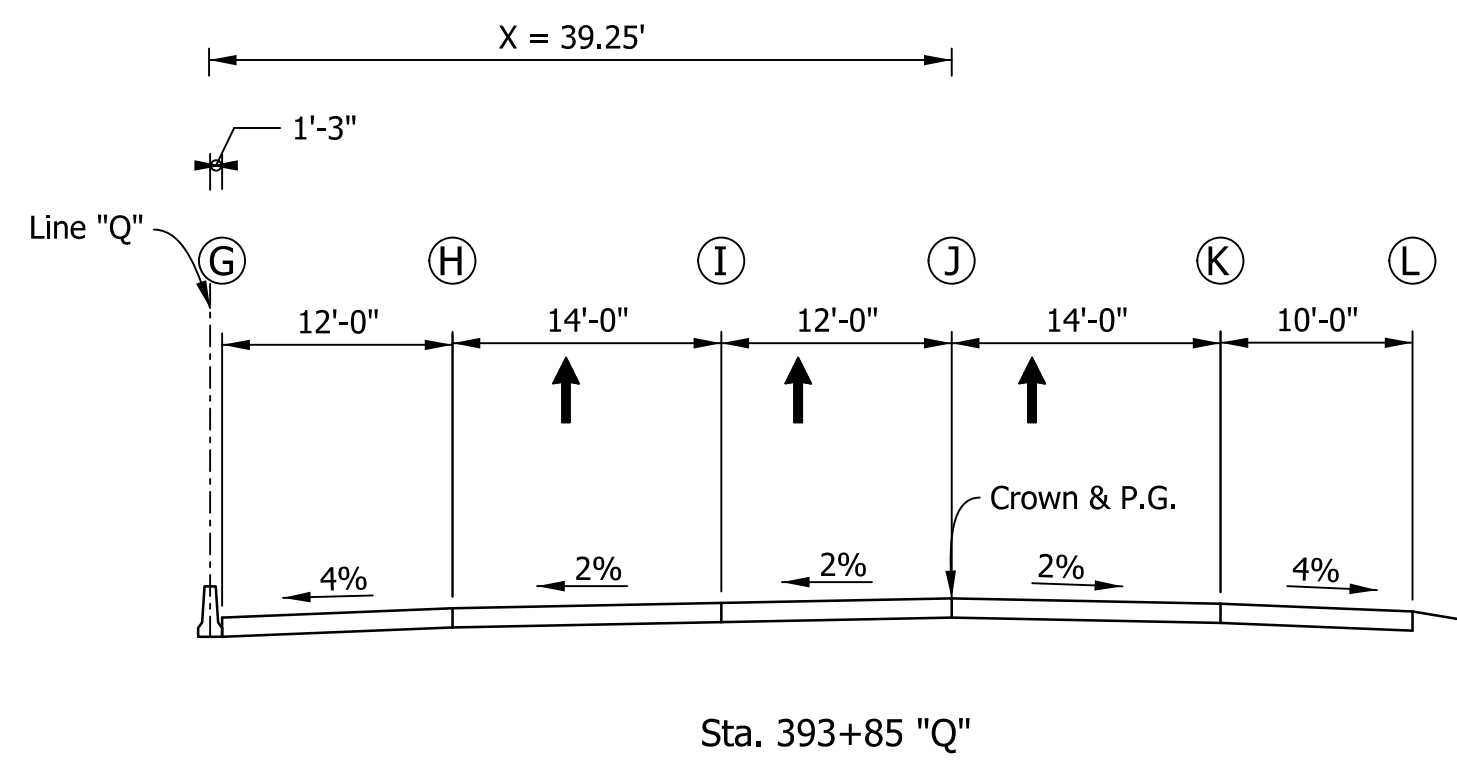
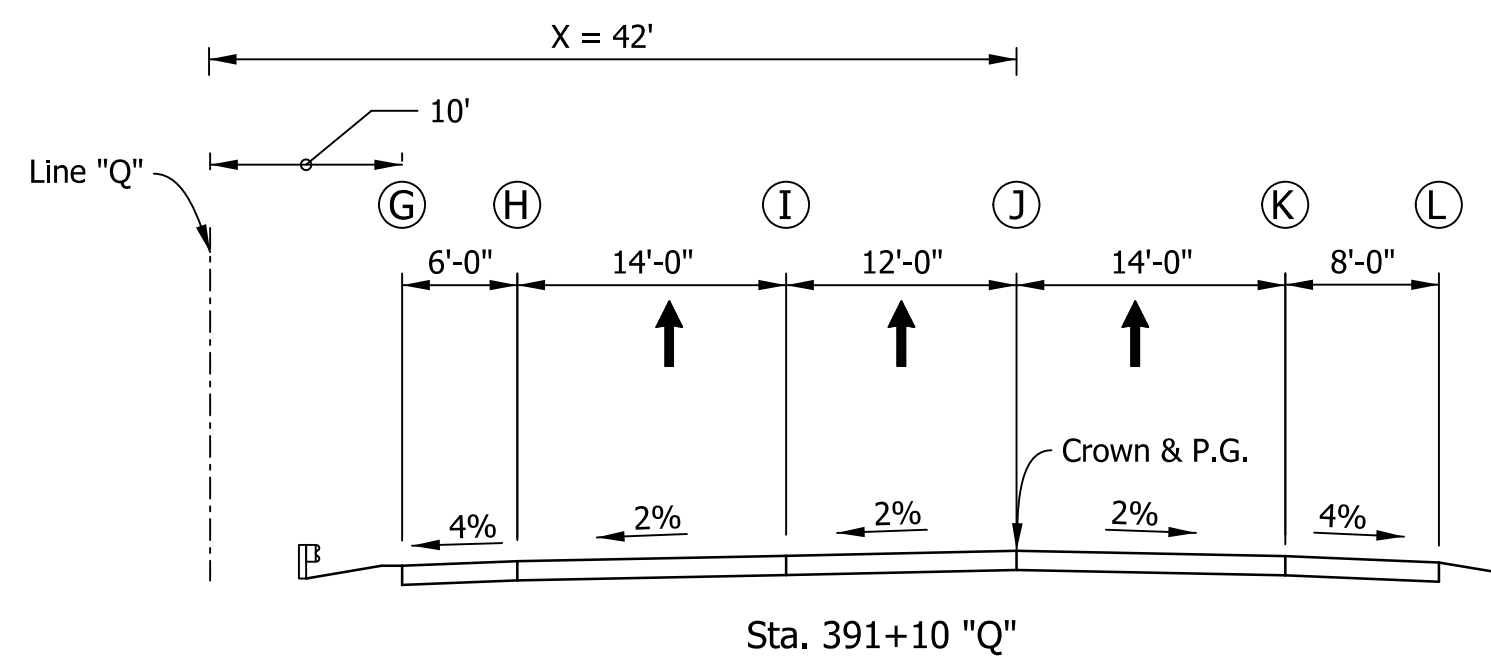
**INDIANA**  
DEPARTMENT OF TRANSPORTATION

**SUPERELEVATION DIAGRAM**  
**CURVE NO. 3**

HORIZONTAL SCALE 1" = 40'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 0.4'	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 134 of 188
CONTRACT R-41529	PROJECT 1700135

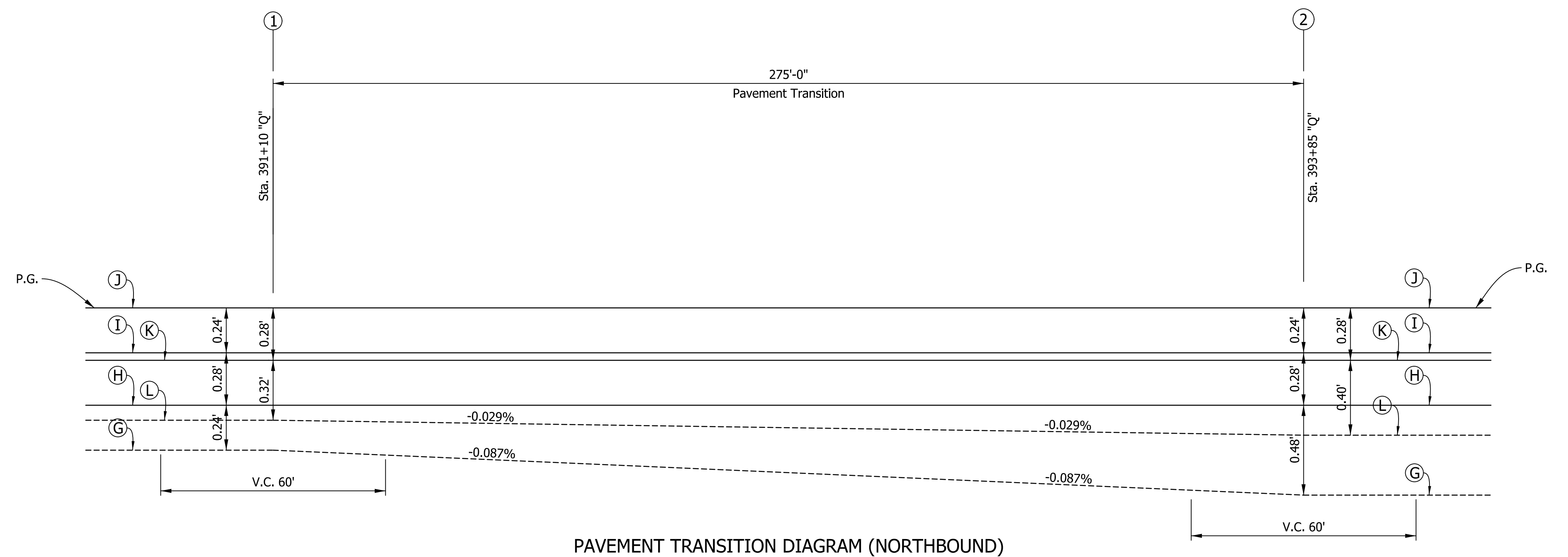


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PLAN VIEW

Scale  
H : 1" = 20'



PAVEMENT TRANSITION DIAGRAM (NORTHBOUND)

Scale  
H : 1" = 20'  
V : 1" = 0.2'

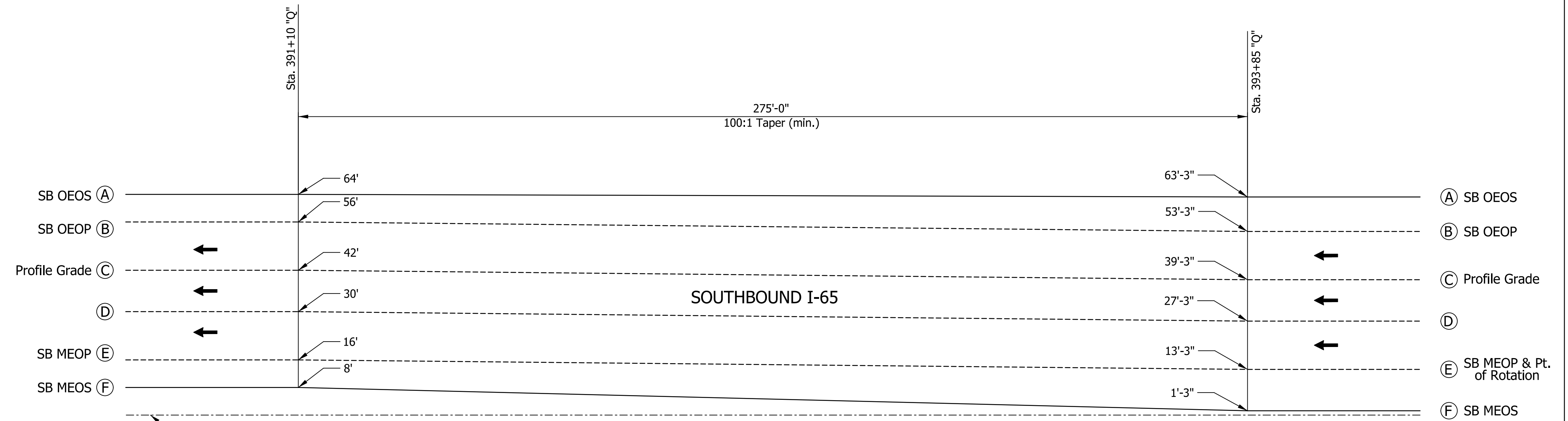
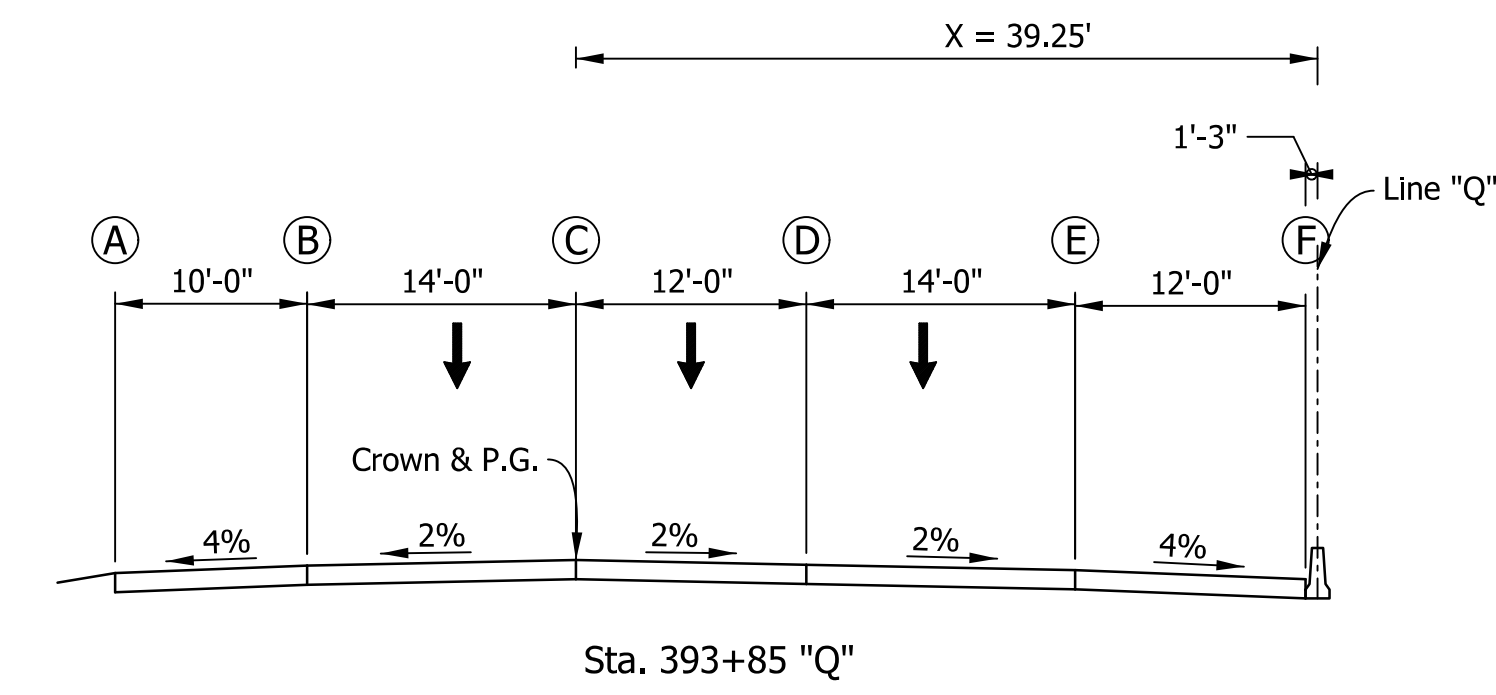
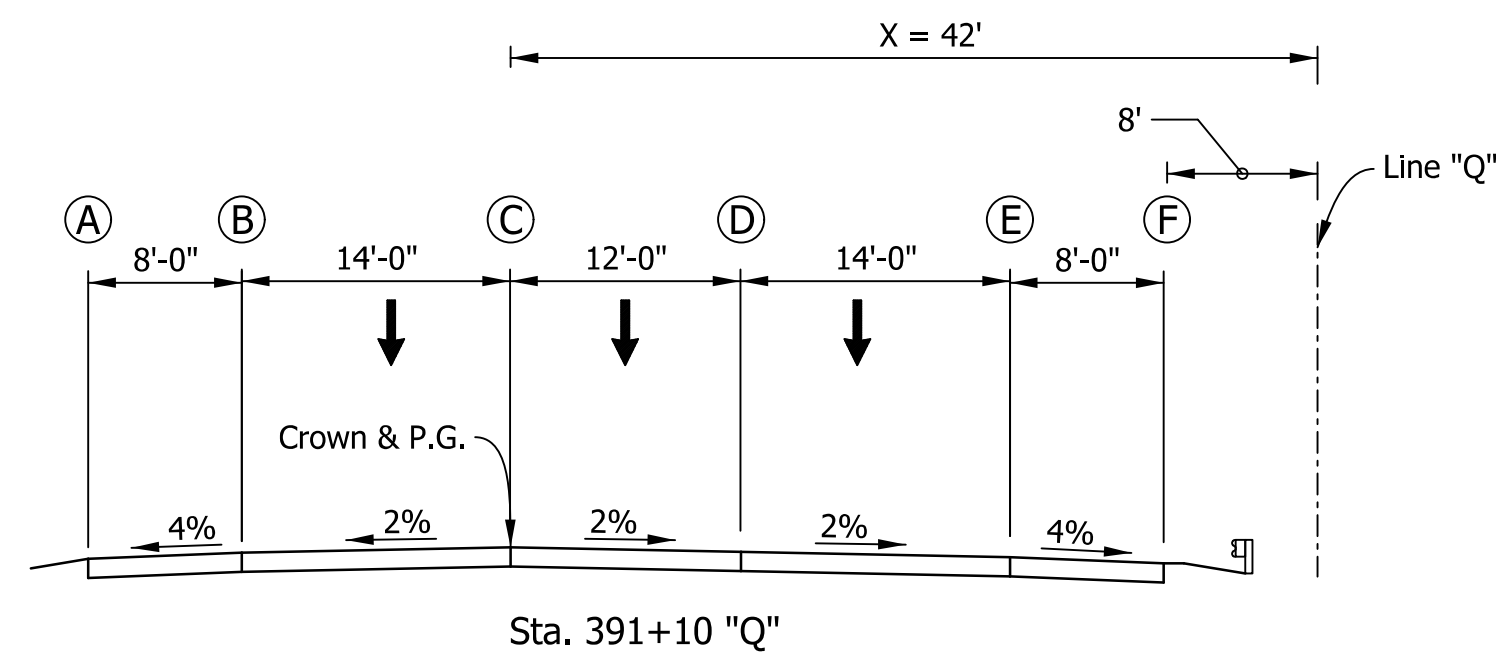
Note:  
B, C, D, E, H, I, J, K, represents construction joints

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: VK _____	DRAWN: VK _____	
CHECKED: DJG _____	CHECKED: DJG _____	

INDIANA  
DEPARTMENT OF TRANSPORTATION

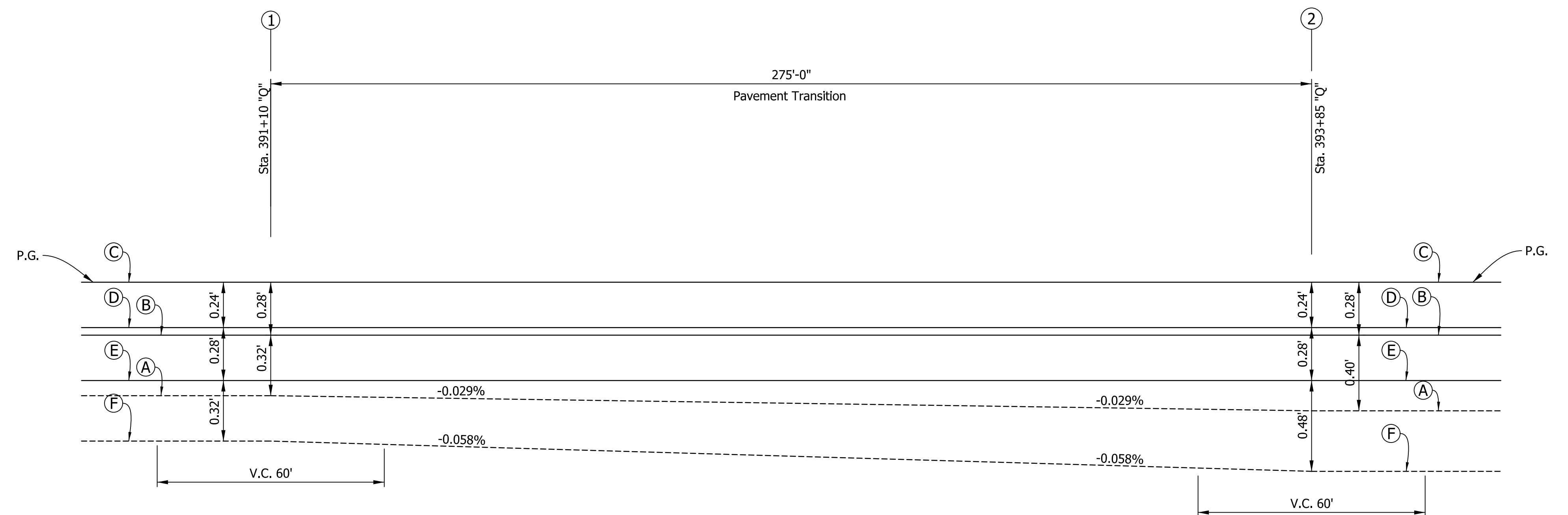
NORTHBOUND I-65  
PAVEMENT TRANSITION

HORIZONTAL SCALE	BRIDGE FILE
As Noted	N/A
VERTICAL SCALE	DESIGNATION
As Noted	1700135
SURVEY BOOK	SHEETS
Electronic	135 of 188
CONTRACT	PROJECT
R-41529	1700135



PLAN VIEW

Scale  
H : 1" = 20'



PAVEMENT TRANSITION DIAGRAM (SOUTHBOUND)

Scale  
H : 1" = 20'  
V : 1" = 0.2'

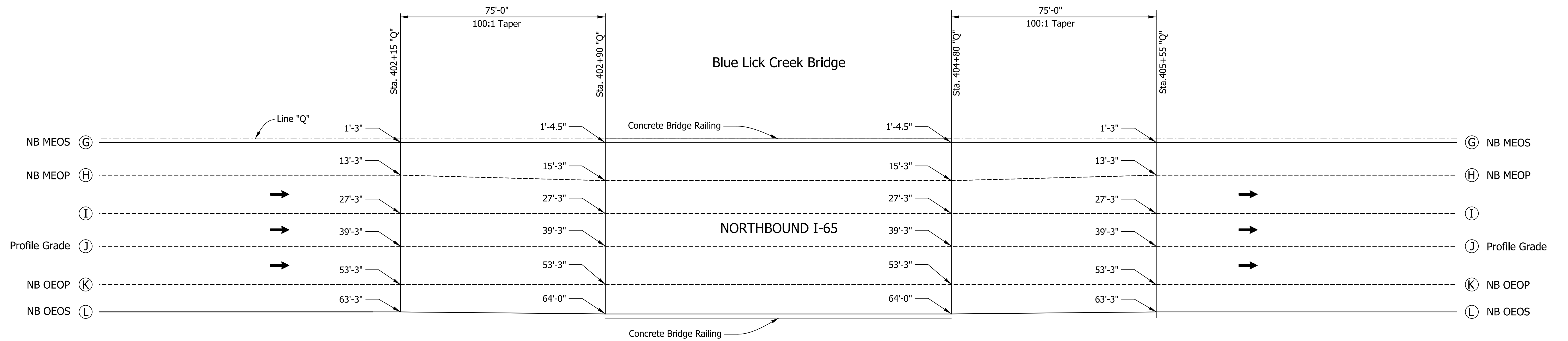
Note:  
B, C, D, E, H, I, J, K, represents construction joints

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: VK	DRAWN: VK	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

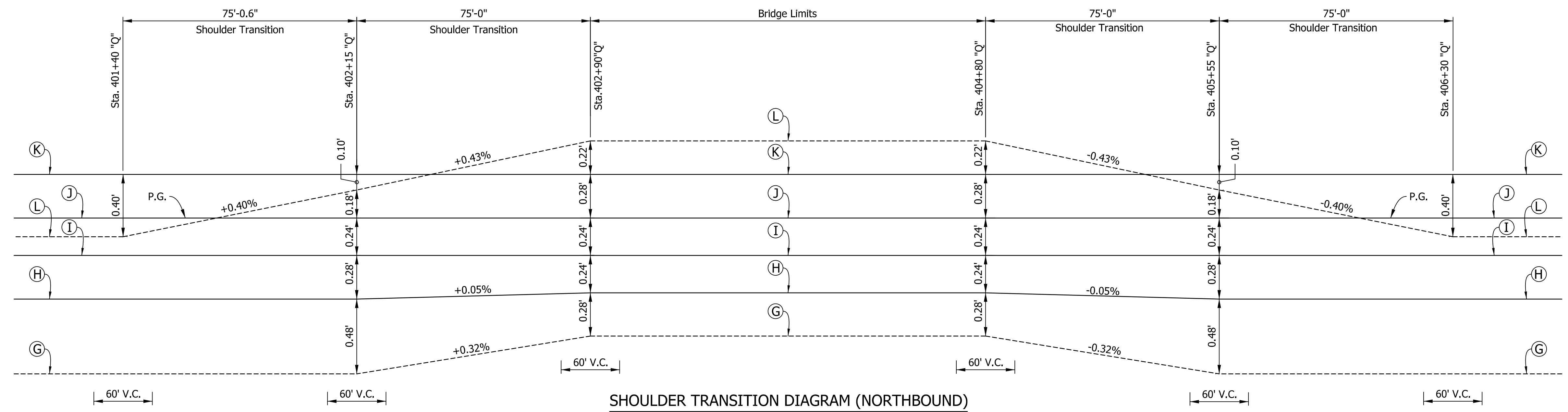
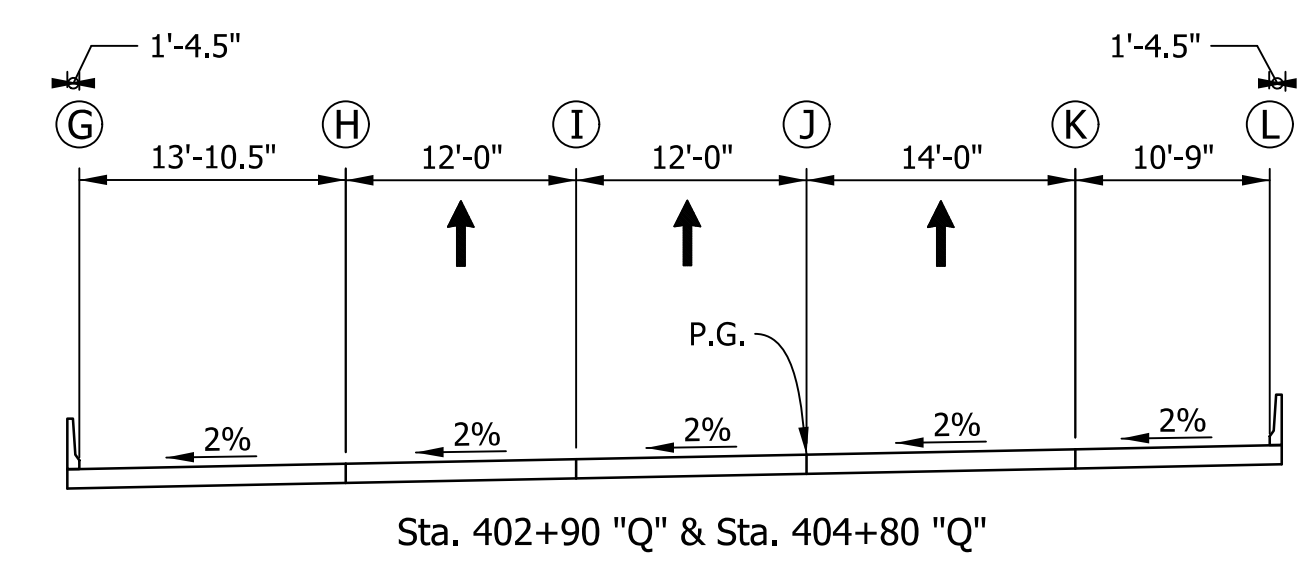
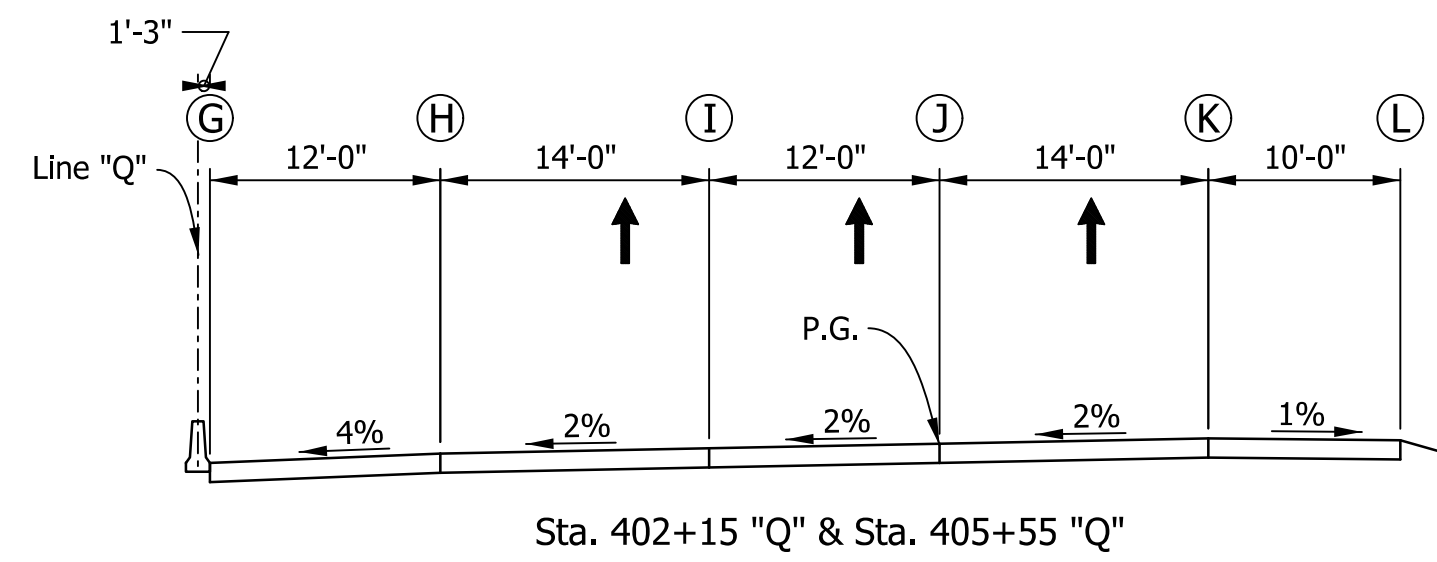
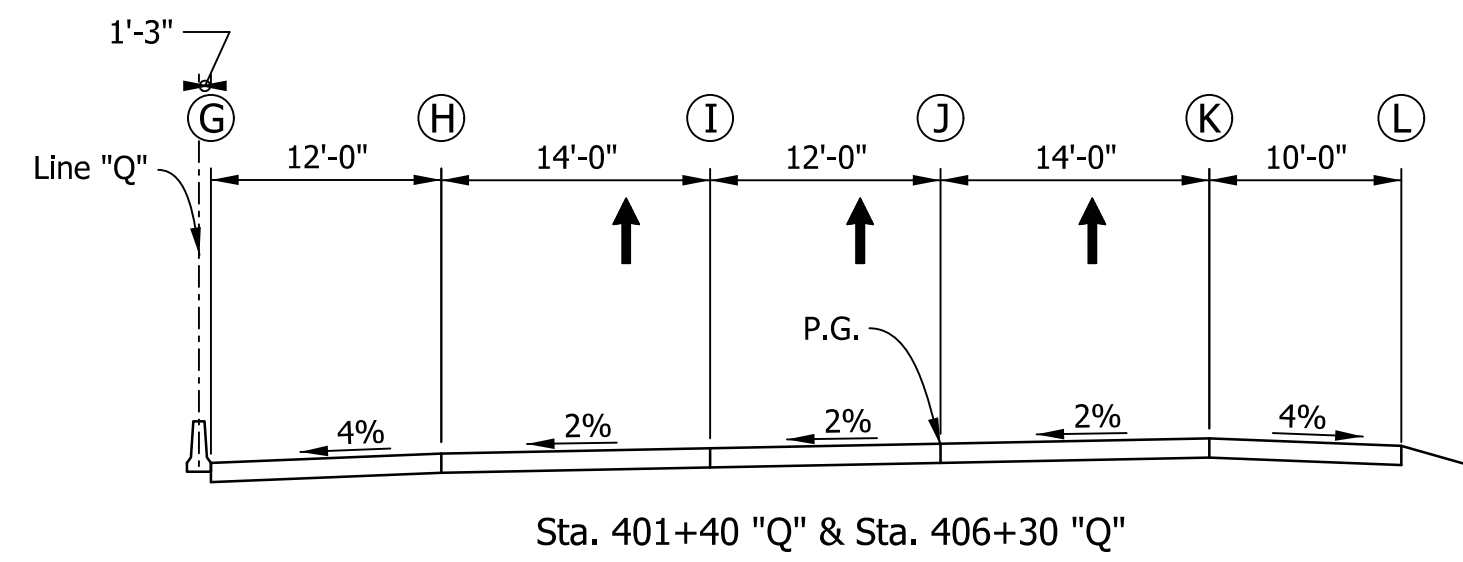
SOUTHBOUND I-65  
PAVEMENT TRANSITION

HORIZONTAL SCALE	BRIDGE FILE
As Noted	N/A
VERTICAL SCALE	DESIGNATION
As Noted	1700135
SURVEY BOOK	SHEETS
Electronic	136 of 188
CONTRACT	PROJECT
R-41529	1700135



**PLAN VIEW**

Scale  
H : 1" = 20'  
V : 1" = 20'



Scale  
H : 1" = 20'  
V : 1" = 0.2'

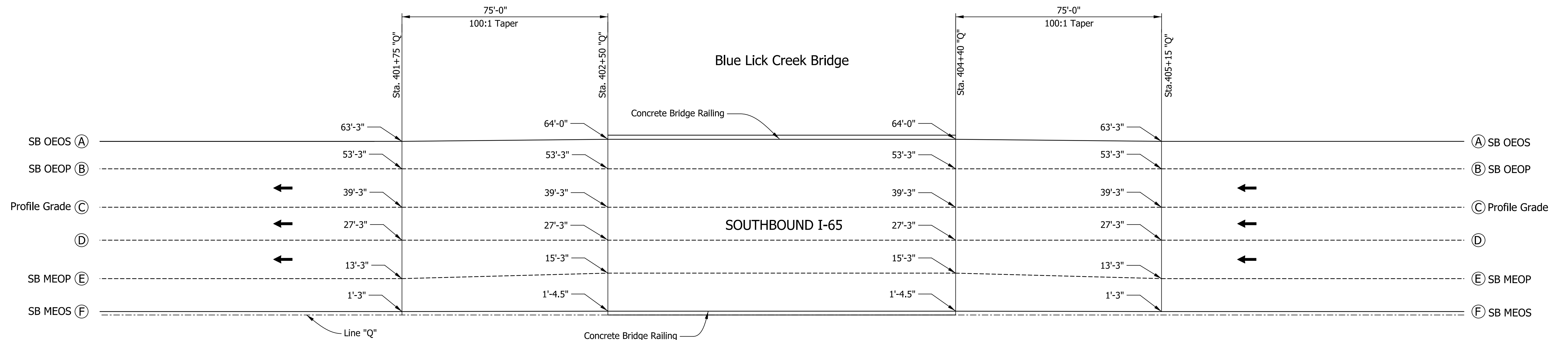
Note:  
B, C, D, E, H, I, J, K, represents construction joints

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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: VK _____	DRAWN: VK _____	
CHECKED: DJG _____	CHECKED: DJG _____	

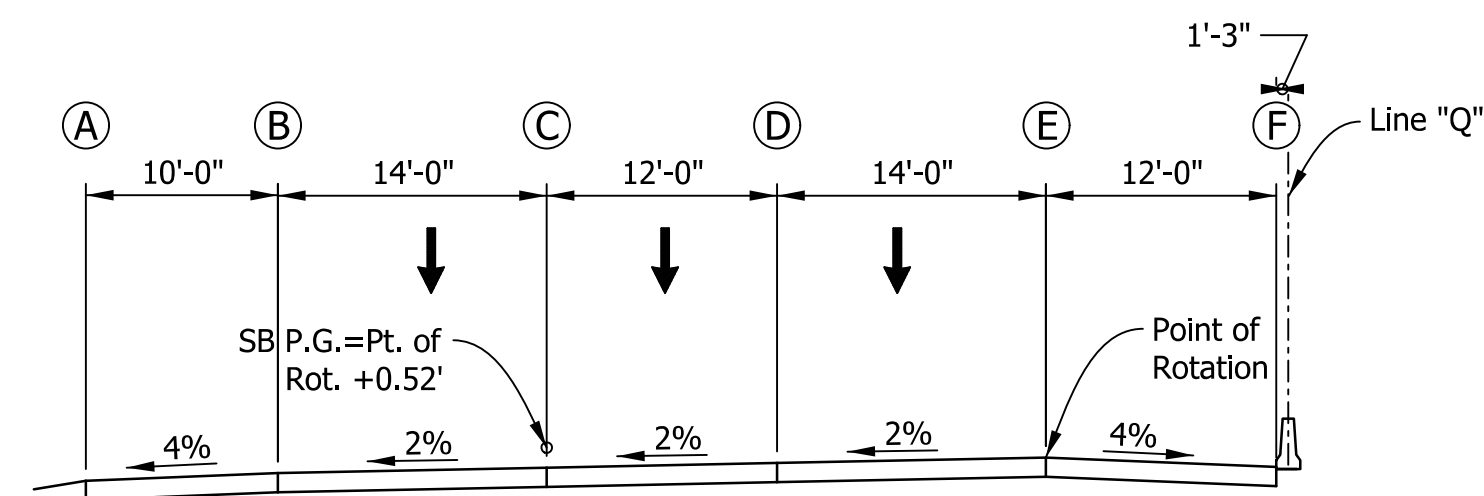
<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>
<b>NORTHBOUND I-65 SHOULDER TRANSITION @ BLUE LICK CREEK BRIDGE</b>

HORIZONTAL SCALE	BRIDGE FILE
As Noted	N/A
VERTICAL SCALE	DESIGNATION
As Noted	1700135
SURVEY BOOK	SHEETS
Electronic	137 of 188
CONTRACT	PROJECT
R-41529	1700135

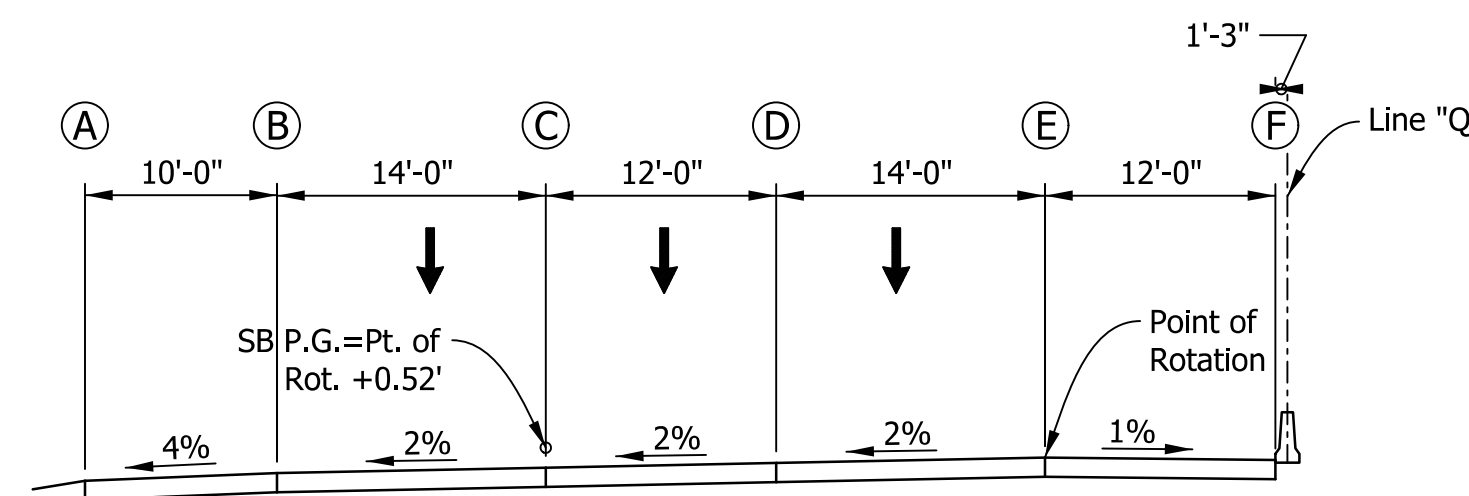


**PLAN VIEW**

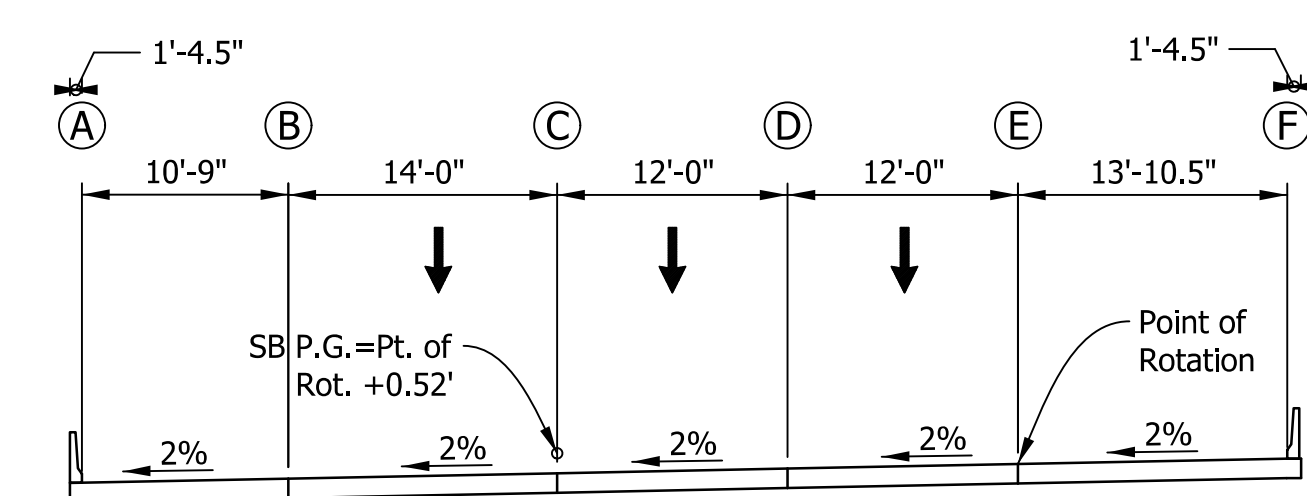
Scale  
H : 1" = 20'  
V : 1" = 20'



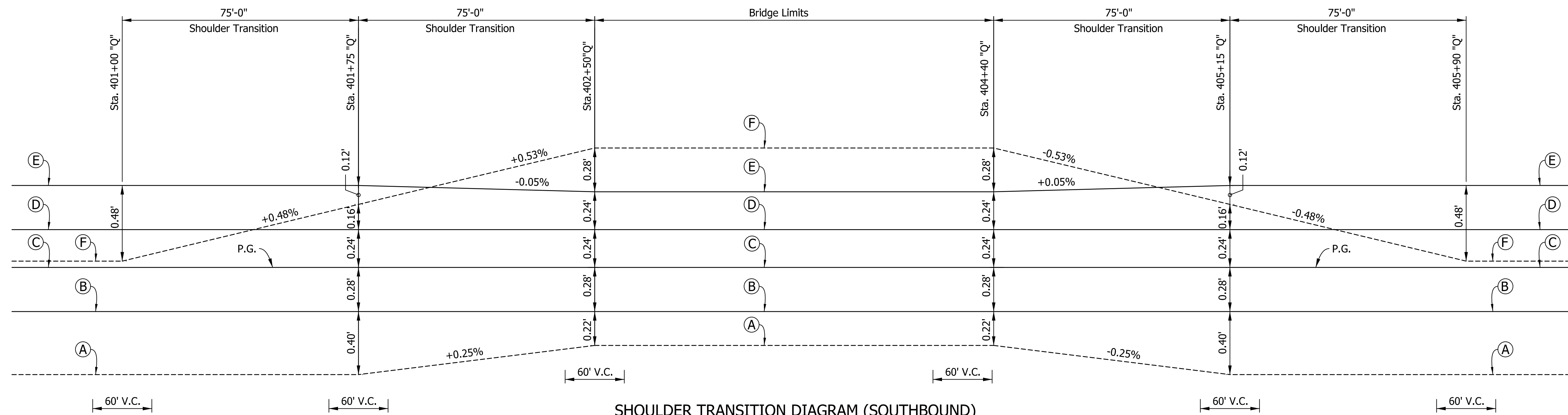
Sta. 401+00 "Q" & Sta. 405+90 "Q"



Sta. 401+75 "Q" & Sta. 405+15 "Q"



Sta. 402+50 "Q" & Sta. 404+40 "Q"



**SHOULDER TRANSITION DIAGRAM (SOUTHBOUND)**

Scale  
H : 1" = 20'  
V : 1" = 0.2'

Note:  
B, C, D, E, H, I, J, K, represents construction joints

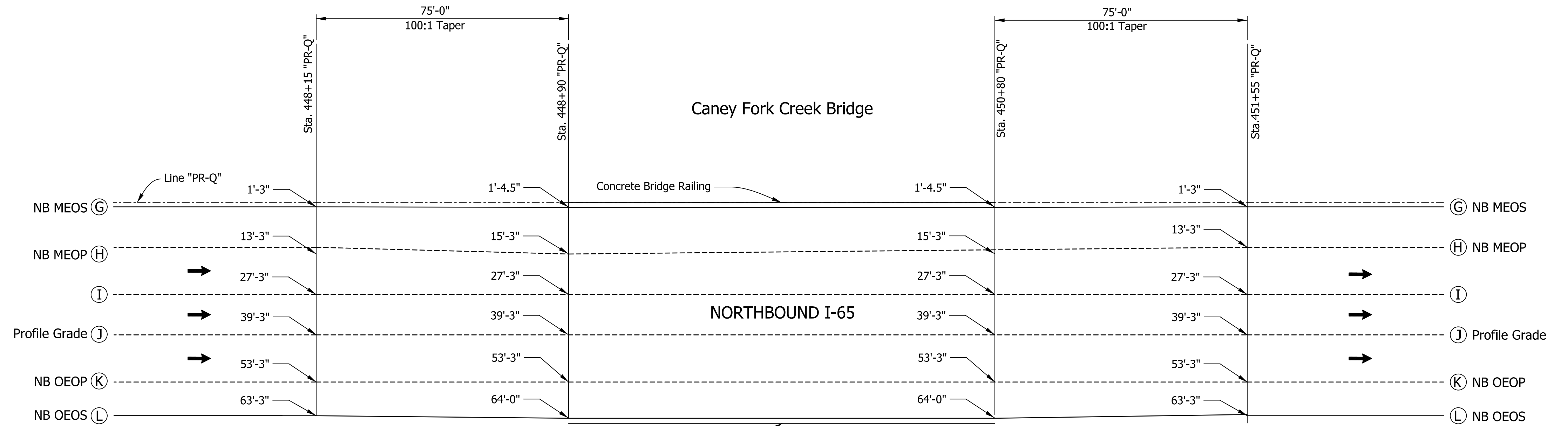
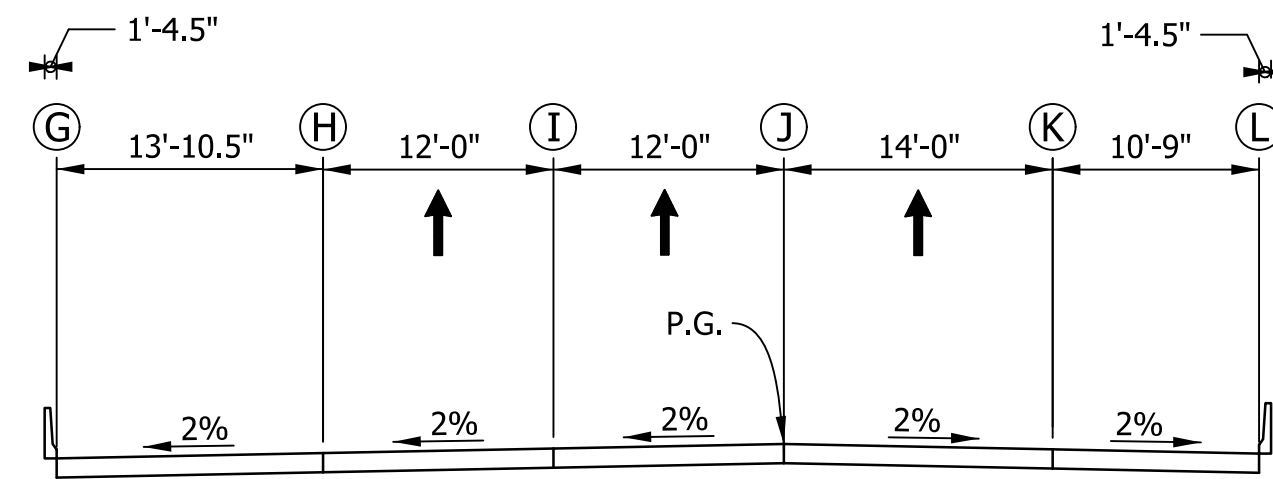
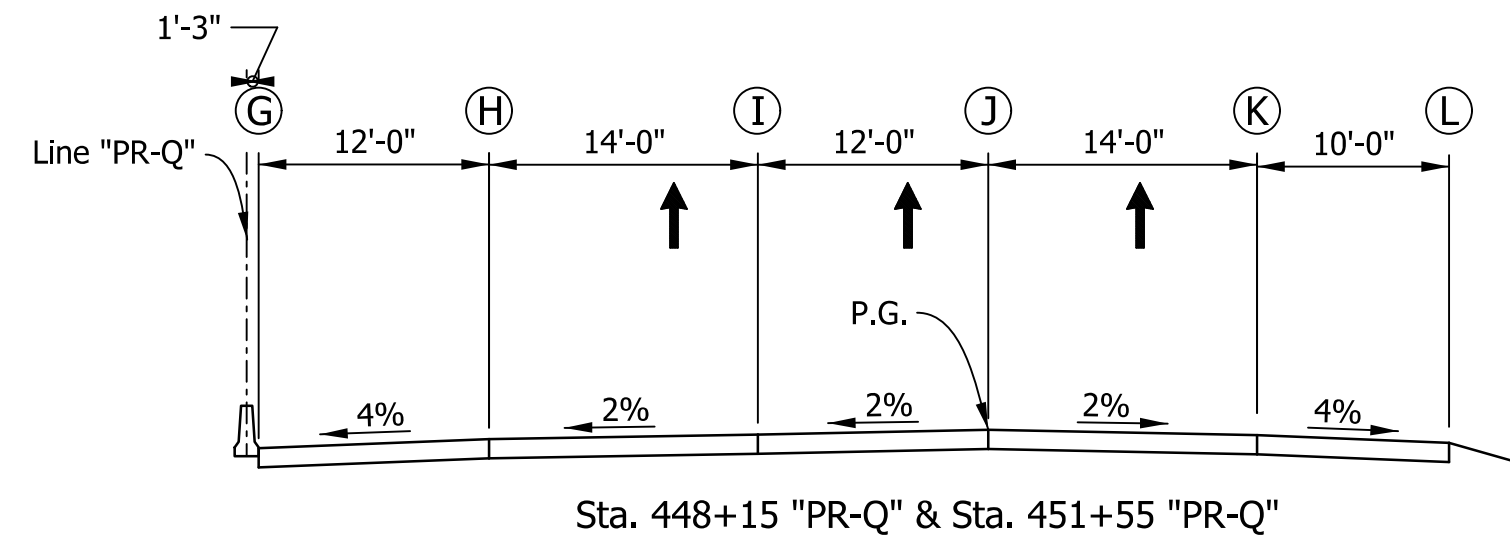
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: VK	DRAWN: VK	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

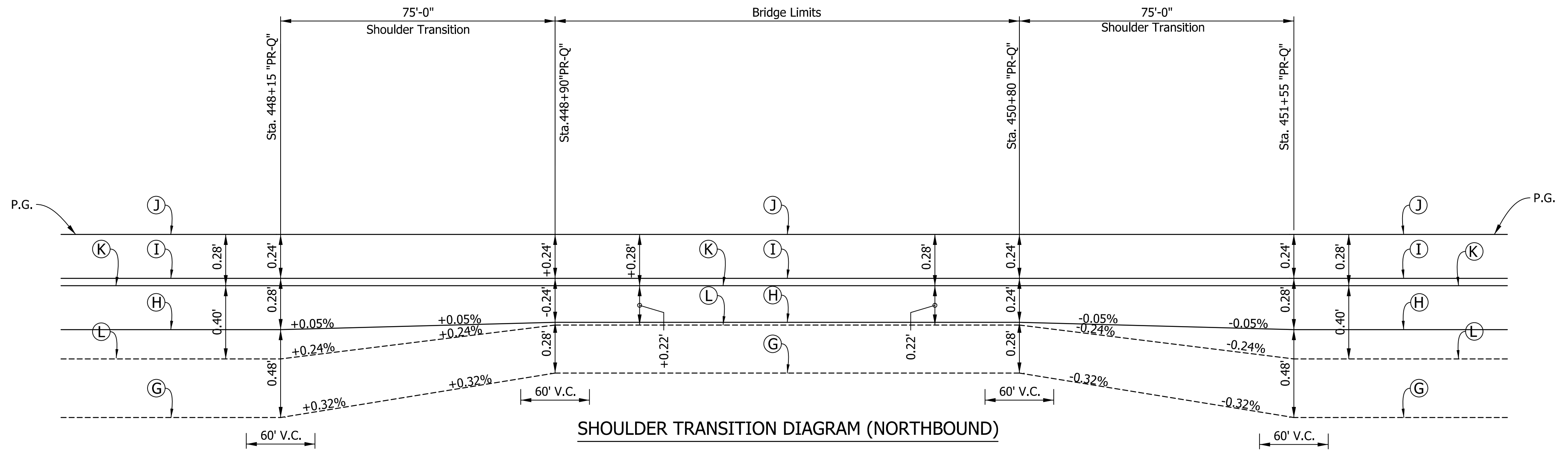
SOUTHBOUND I-65 (BLUE  
LICK CREEK) BRIDGE  
SHOULDER TRANSITION

HORIZONTAL SCALE	BRIDGE FILE
As Noted	N/A
VERTICAL SCALE	DESIGNATION
As Noted	1700135
SURVEY BOOK	SHEETS
Electronic	138 of 188
CONTRACT	PROJECT
R-41529	1700135

I:\11/29/2021 7:26:48 PM I:\P:\200035 - 165 ATL\09Road\04 Design files\02\_DGN\Plans\200035\_08\_Sht\_Super Elev\_Line\_C\_07.dgn



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



Scale  
 H : 1" = 20'  
 V : 1" = 0.2'

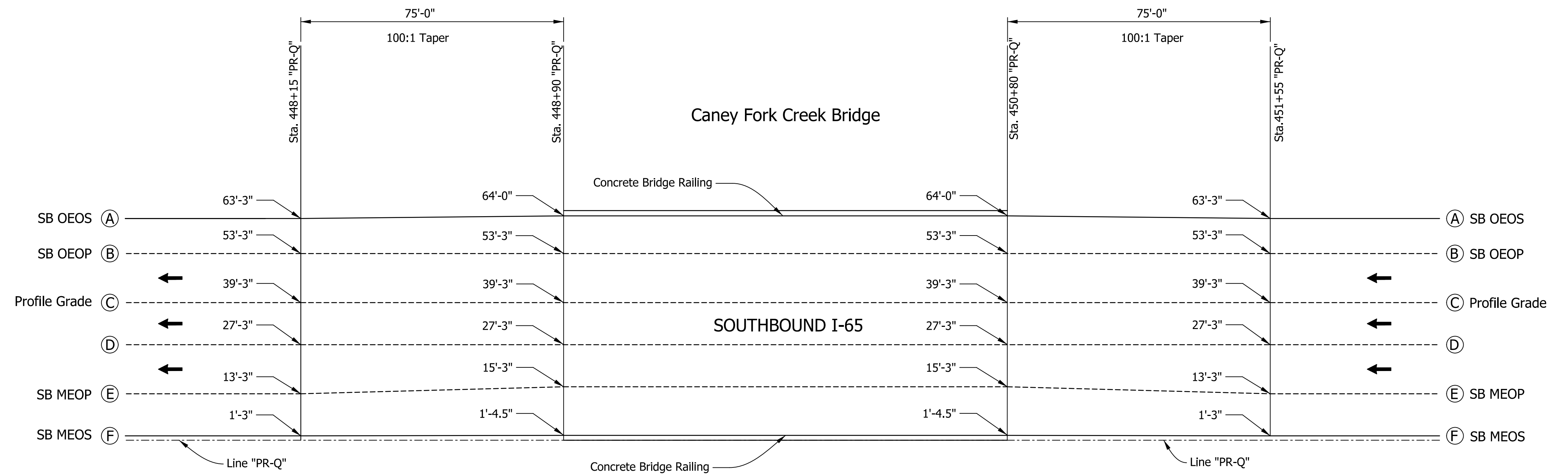
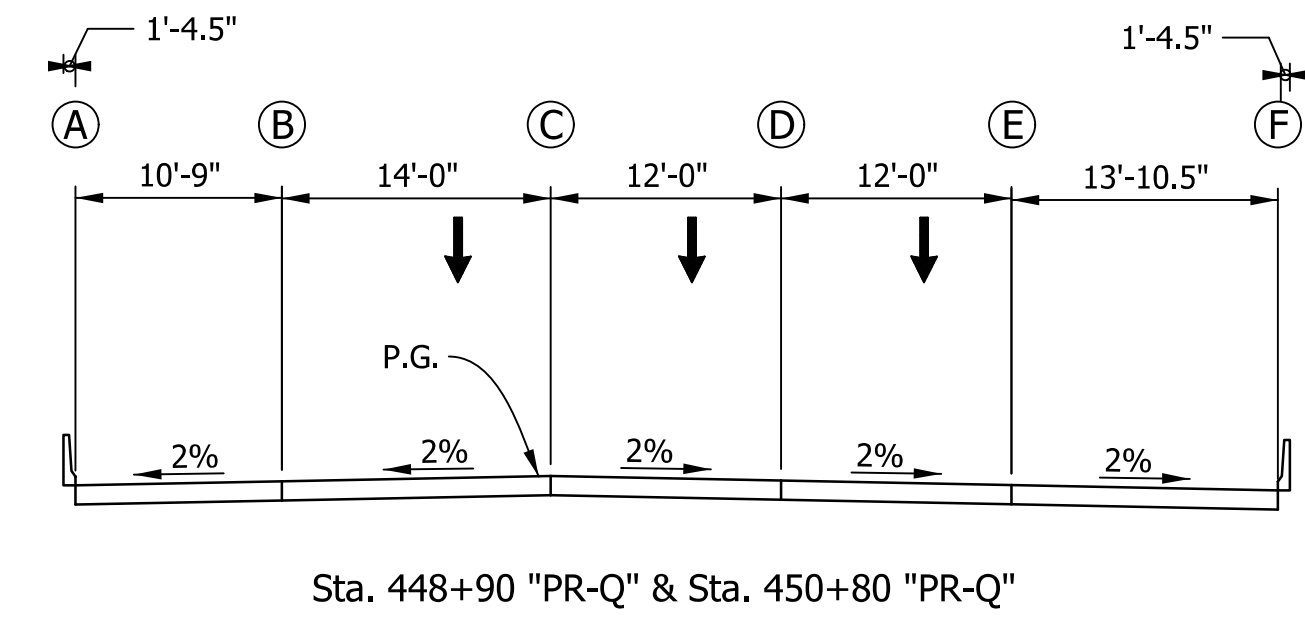
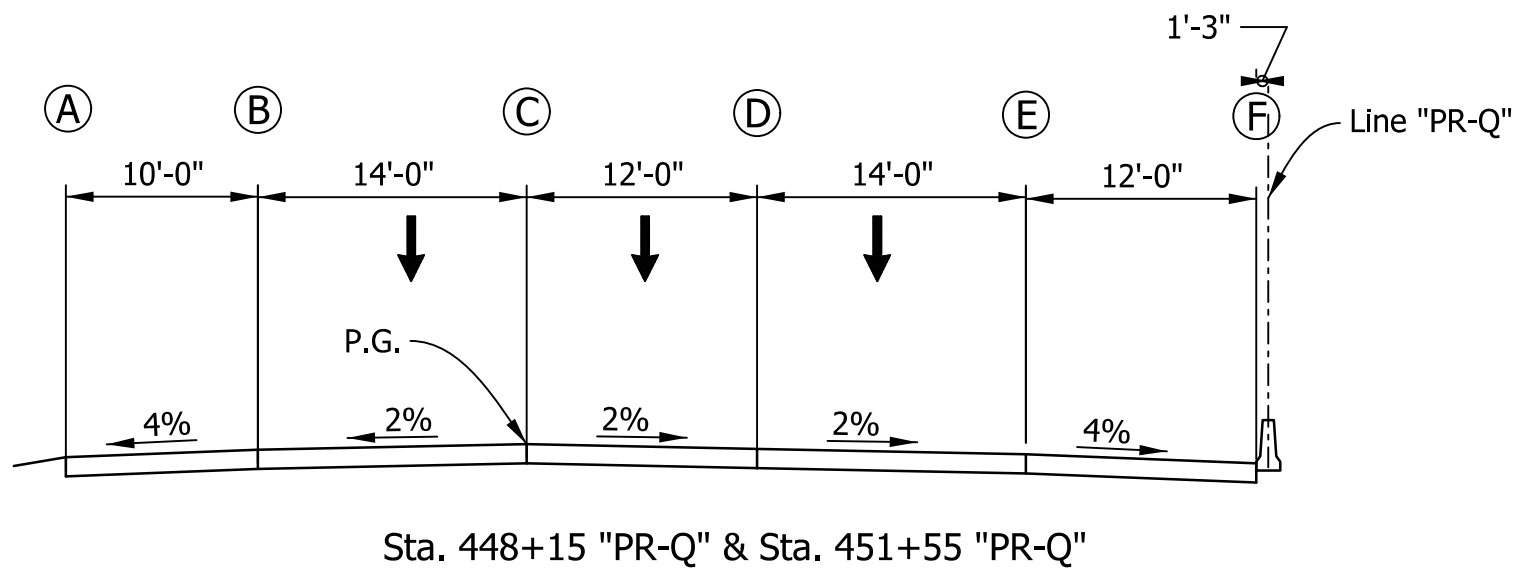
Note:  
 B, C, D, E, H, I, J, K, represents construction joints

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: VK _____	DRAWN: VK _____	
CHECKED: DJG _____	CHECKED: DJG _____	

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

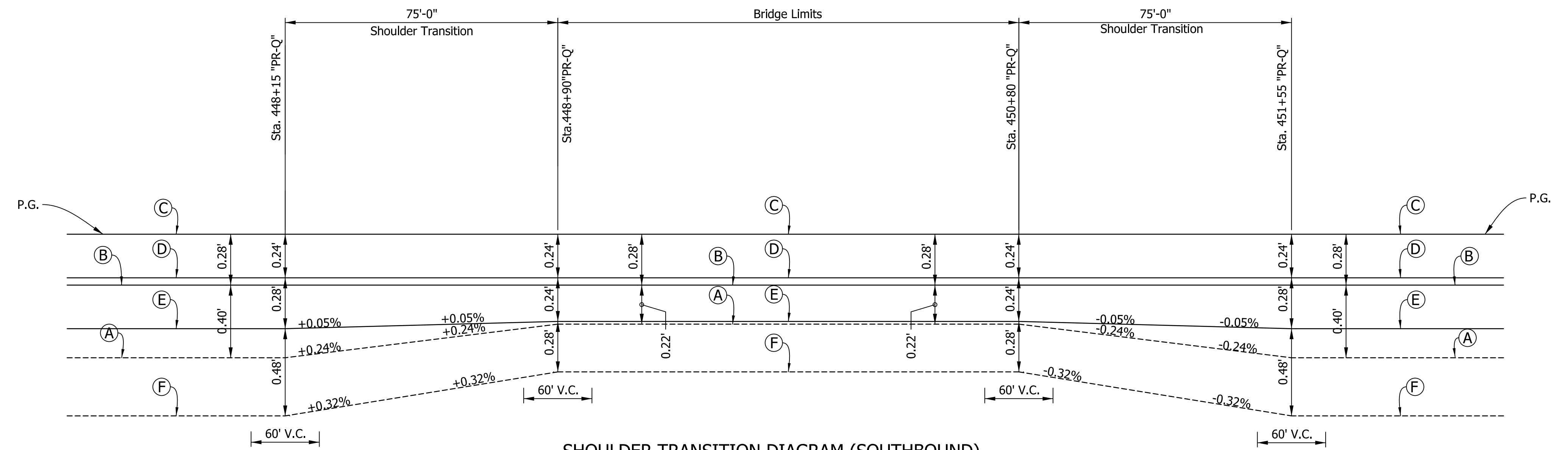
**NORTHBOUND I-65 SHOULDER TRANSITION @**  
**CANEY FORK CREEK BRIDGE**

HORIZONTAL SCALE	BRIDGE FILE
As Noted	N/A
VERTICAL SCALE	DESIGNATION
As Noted	1700135
SURVEY BOOK	SHEETS
Electronic	139 of 188
CONTRACT	PROJECT
R-41529	1700135



PLAN VIEW

Scale  
H : 1" = 20'  
V : 1" = 20'



SHOULDER TRANSITION DIAGRAM (SOUTHBOUND)

Scale  
H : 1" = 20'  
V : 1" = 50'

Note:  
B, C, D, E, H, I, J, K, represents construction joints

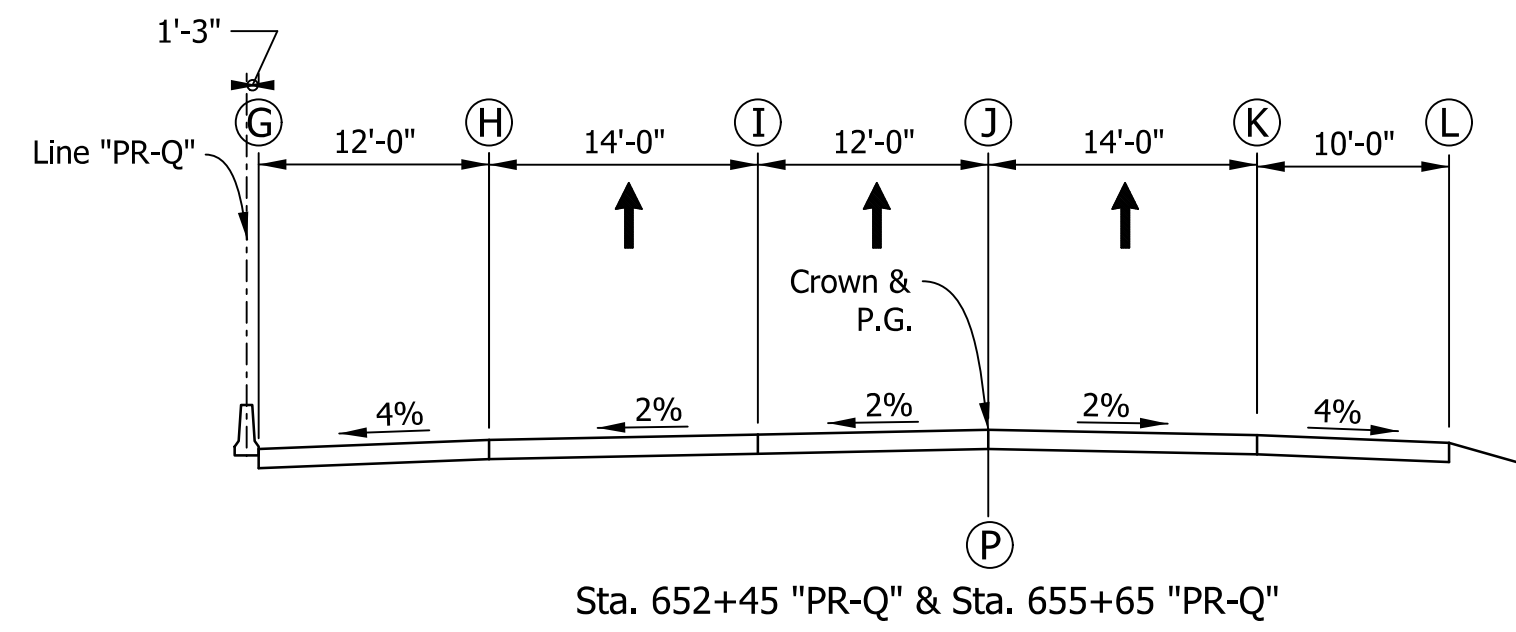
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: VK	DRAWN: VK	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

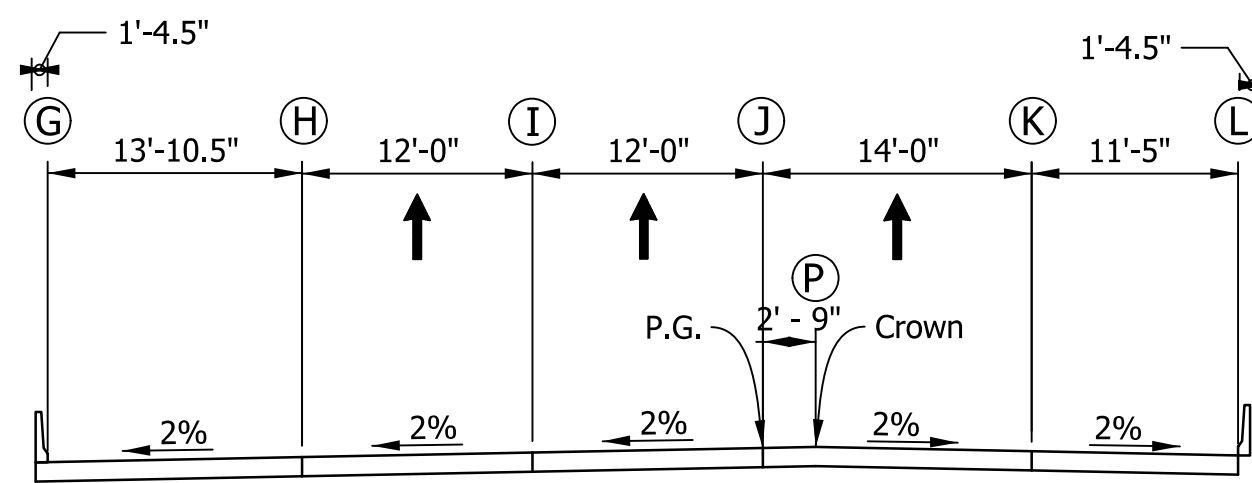
SOUTHBOUND I-65 SHOULDER TRANSITION  
@ CANEY FORK CREEK BRIDGE

HORIZONTAL SCALE	BRIDGE FILE
As Noted	N/A
VERTICAL SCALE	DESIGNATION
As Noted	1700135
SURVEY BOOK	SHEETS
Electronic	140 of 188
CONTRACT	PROJECT
R-41529	1700135

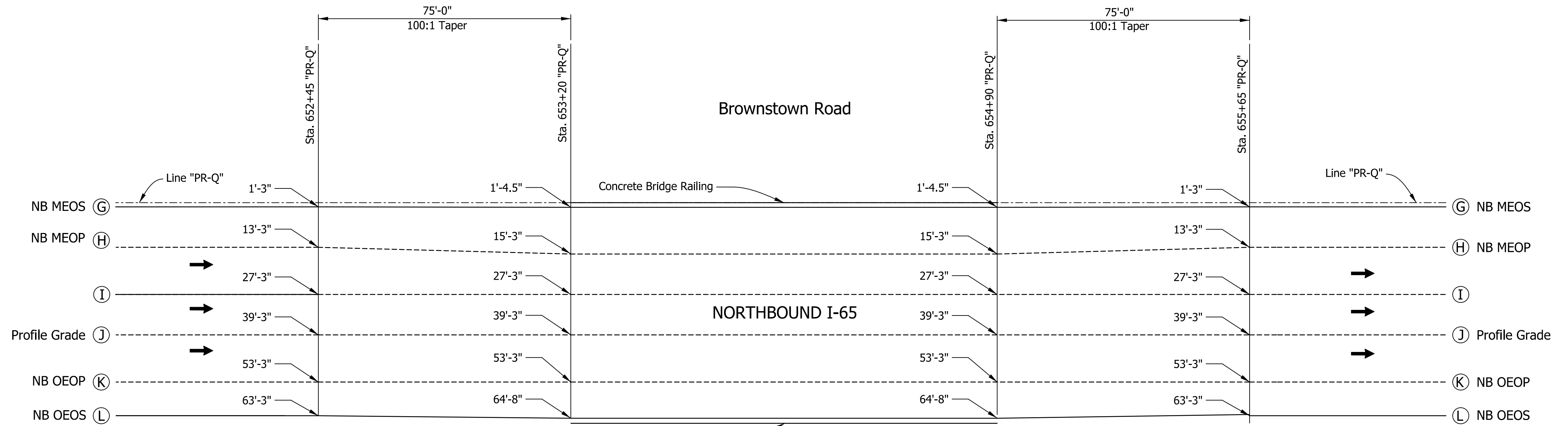
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Sta. 652+45 "PR-Q" & Sta. 655+65 "PR-Q"

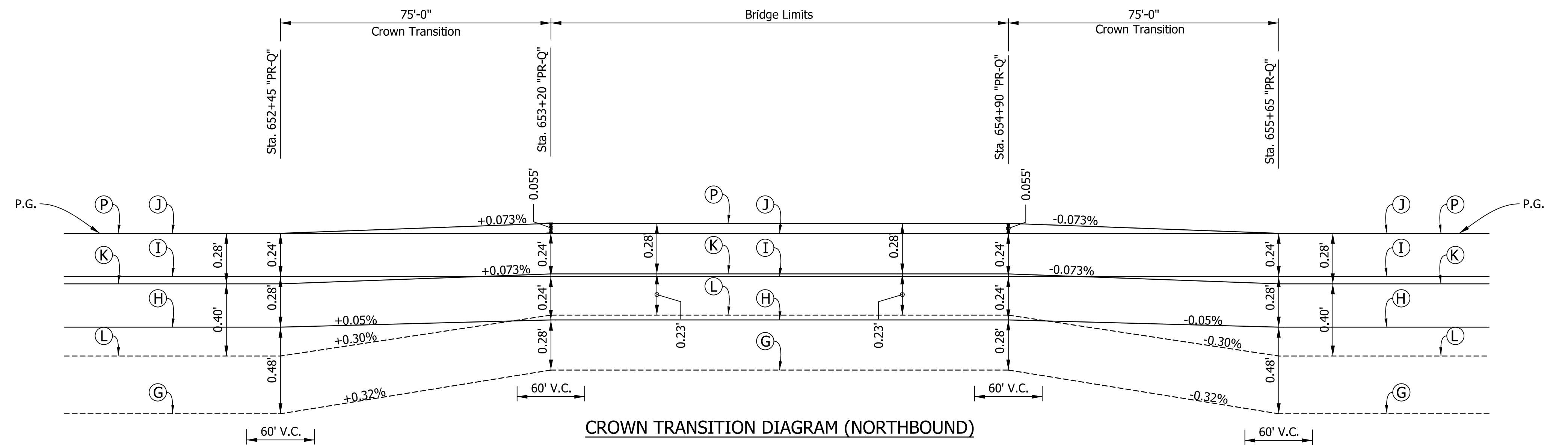


Sta. 653+20 "PR-Q" & Sta. 654+90 "PR-Q"



PLAN VIEW

Scale  
H : 1" = 20'  
V : 1" = 20'



CROWN TRANSITION DIAGRAM (NORTHBOUND)

Scale  
H : 1" = 20'  
V : 1" = 0.2'

Note:  
B, C, D, E, H, I, J, K, represents construction joints

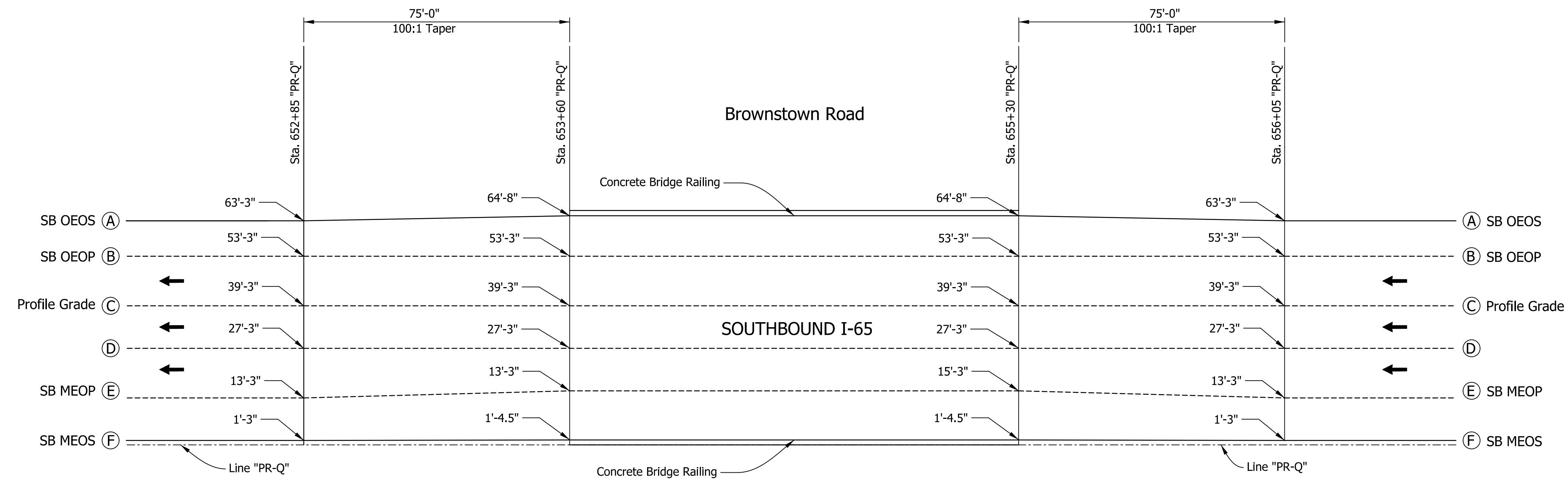
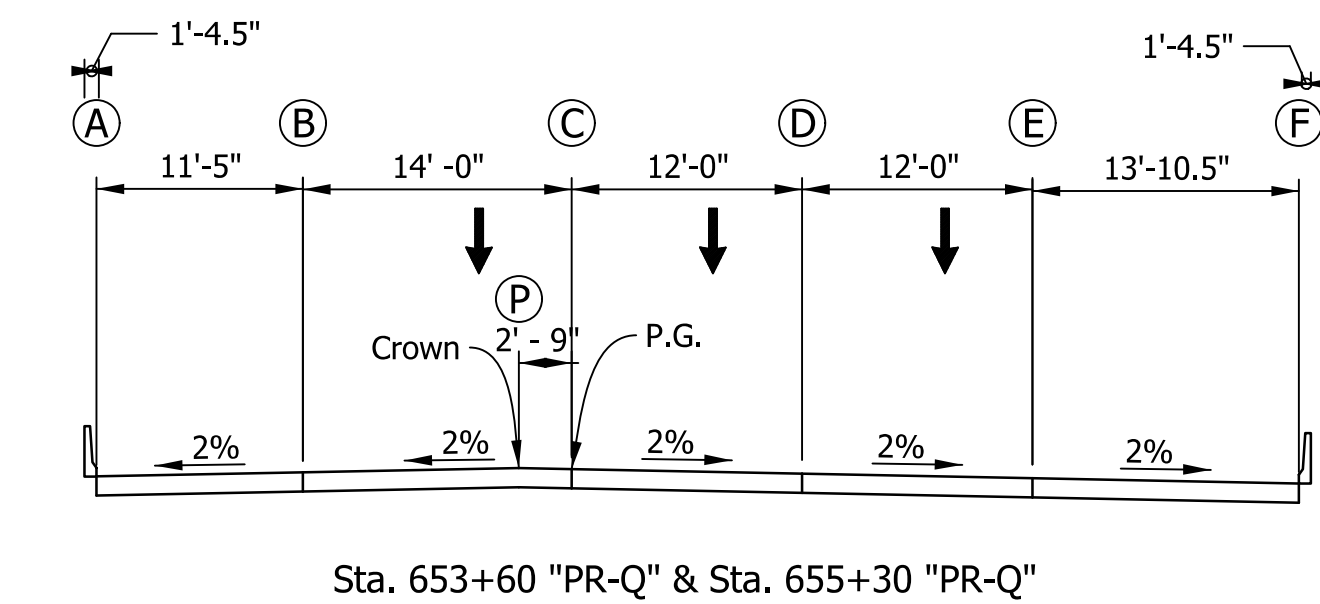
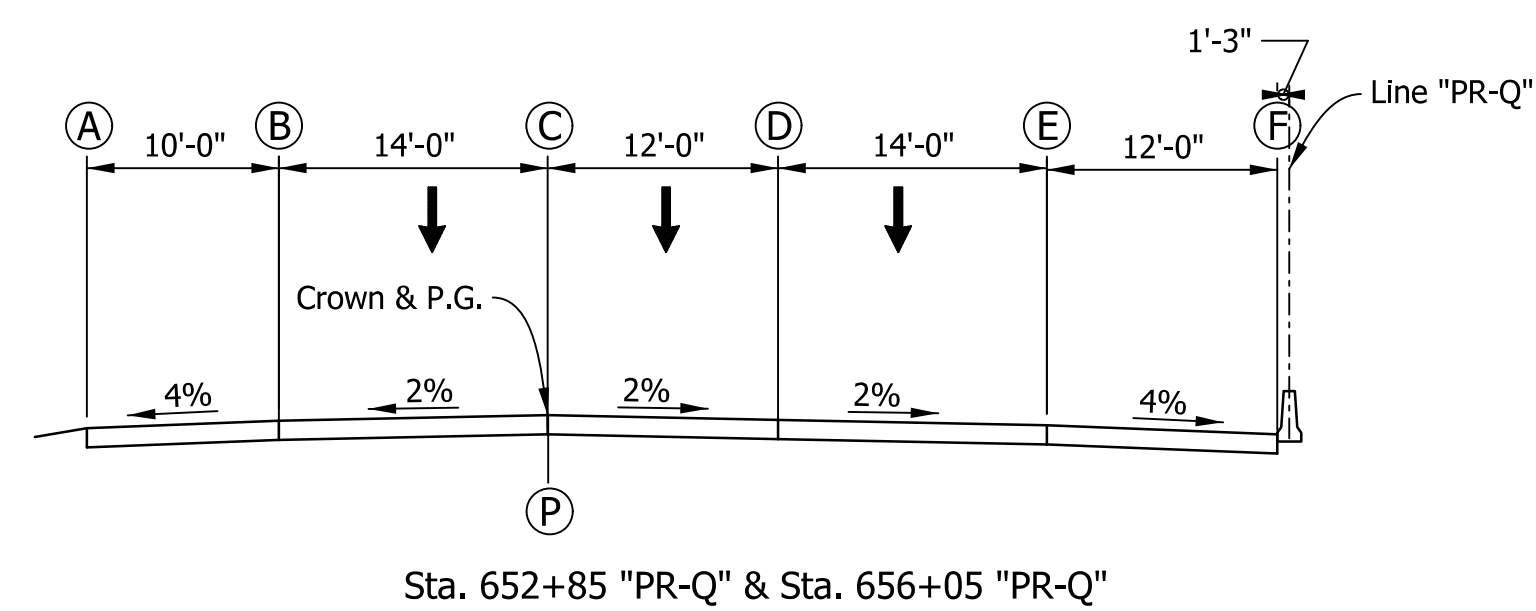
RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: VK _____	DRAWN: VK _____	
CHECKED: DJG _____	CHECKED: DJG _____	

INDIANA  
DEPARTMENT OF TRANSPORTATION

NORTHBOUND I-65 CROWN & SHOULDER  
TRANSITION @ BROWNSTOWN ROAD BRIDGE

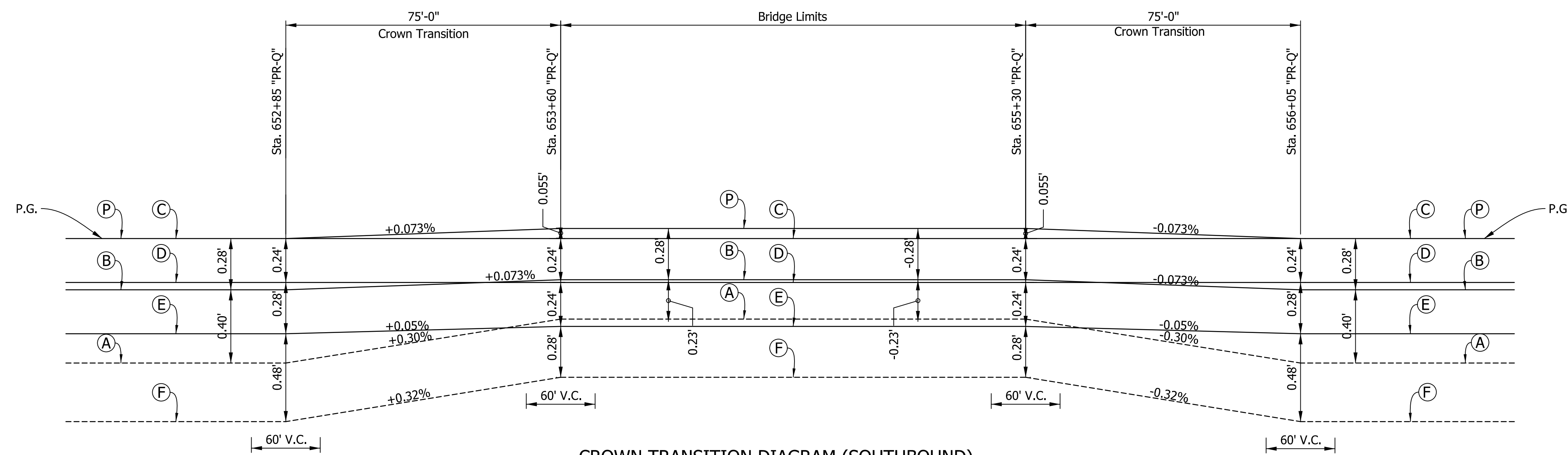
HORIZONTAL SCALE	BRIDGE FILE
As Noted	N/A
VERTICAL SCALE	DESIGNATION
As Noted	1700135
SURVEY BOOK	SHEETS
Electronic	141 of 188
CONTRACT	PROJECT
R-41529	1700135

I:\11\29\2024\7:26:55 PM - P:\200035 - 165 ATL\09Road\04 Design files\02 DGN\Plans\200035\_08\_Sht\_Super Elev\_Line\_C\_10.dgn



PLAN VIEW

Scale  
H : 1" = 20'  
V : 1" = 20'



CROWN TRANSITION DIAGRAM (SOUTHBOUND)

Scale  
H : 1" = 20'  
V : 1" = 0.2'

Note:  
B, C, D, E, H, I, J, K, represents construction joints

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: VK	DRAWN: VK	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

SOUTHBOUND I-65 CROWN & SHOULDER  
TRANSITION @ BROWNSTOWN ROAD  
BRIDGE

HORIZONTAL SCALE	BRIDGE FILE
As Noted	N/A
VERTICAL SCALE	DESIGNATION
As Noted	1700135
SURVEY BOOK	SHEETS
Electronic	142 of 188
CONTRACT	PROJECT
R-41529	1700135



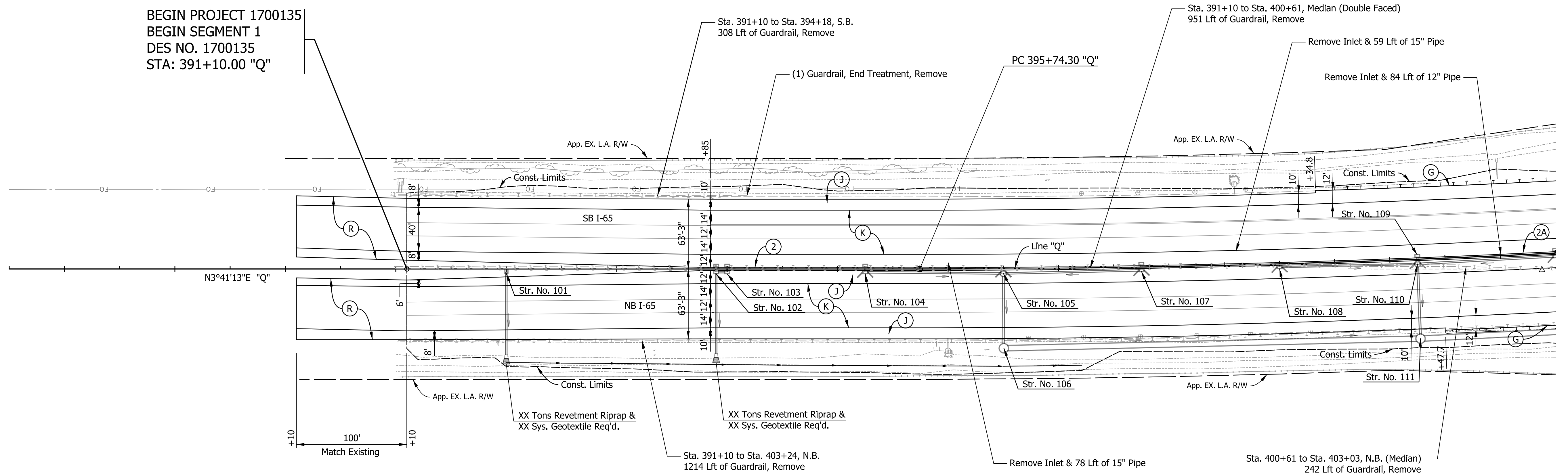
390+00

395+00

400+00

Survey 220 of the Illinois Grant

BEGIN PROJECT 1700135  
BEGIN SEGMENT 1  
DES NO. 1700135  
STA: 391+10.00 "Q"



Str. No. 101, 392+00 "Q"  
Mod. Inlet Type P-12 &  
74' of 15" Type 2 Pipe  
w/ 1 SMES Req'd.

Str. No. 102, 393+90 "Q"  
Inlet Type H-5 &  
73' of 15" Type 2 Pipe  
w/ 1 SMES Req'd.

Str. No. 103, 394+00 "Q"  
Inlet Type H-5 &  
6' of 12" Type 2 Pipe Req'd.

Str. No. 104, 395+25 "Q"  
Inlet Type H-5  
w/ Slotted Drain &  
121' of 15" Type 2 Pipe Req'd.

Str. No. 105, 396+50 "Q"  
Mod. Manhole Type J-5  
w/ Slotted Drain &  
61' of 18" Type 2 Pipe Req'd.

Str. No. 106, 396+50 "Q"  
Manhole Type L-4 &  
369' of 54" Type 2 Pipe Req'd.

Str. No. 107, 397+75 "Q"  
Inlet Type H-5  
w/ Slotted Drain &  
121' of 15" Type 2 Pipe Req'd.

Str. No. 108, 399+00 "Q"  
Inlet Type HA-5  
w/ Slotted Drain &  
121' of 12" Type 2 Pipe Req'd.

Str. No. 109, 400+25 "Q"  
Inlet Type HA-5 &  
4' of 12" Type 2 Pipe Req'd.

Str. No. 110, 400+25 "Q"  
Mod. Manhole Type J-5  
w/ Slotted Drain &  
61' of 18" Type 2 Pipe Req'd.

Str. No. 111, 400+25 "Q"  
Manhole Type L-4 &  
239' of 54" Type 2 Pipe Req'd.

**LEGEND**

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

Notes:  
All Topo described from Line "Q".  
Line "Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL  
STA. 391+00.00 TO STA. 401+50.00

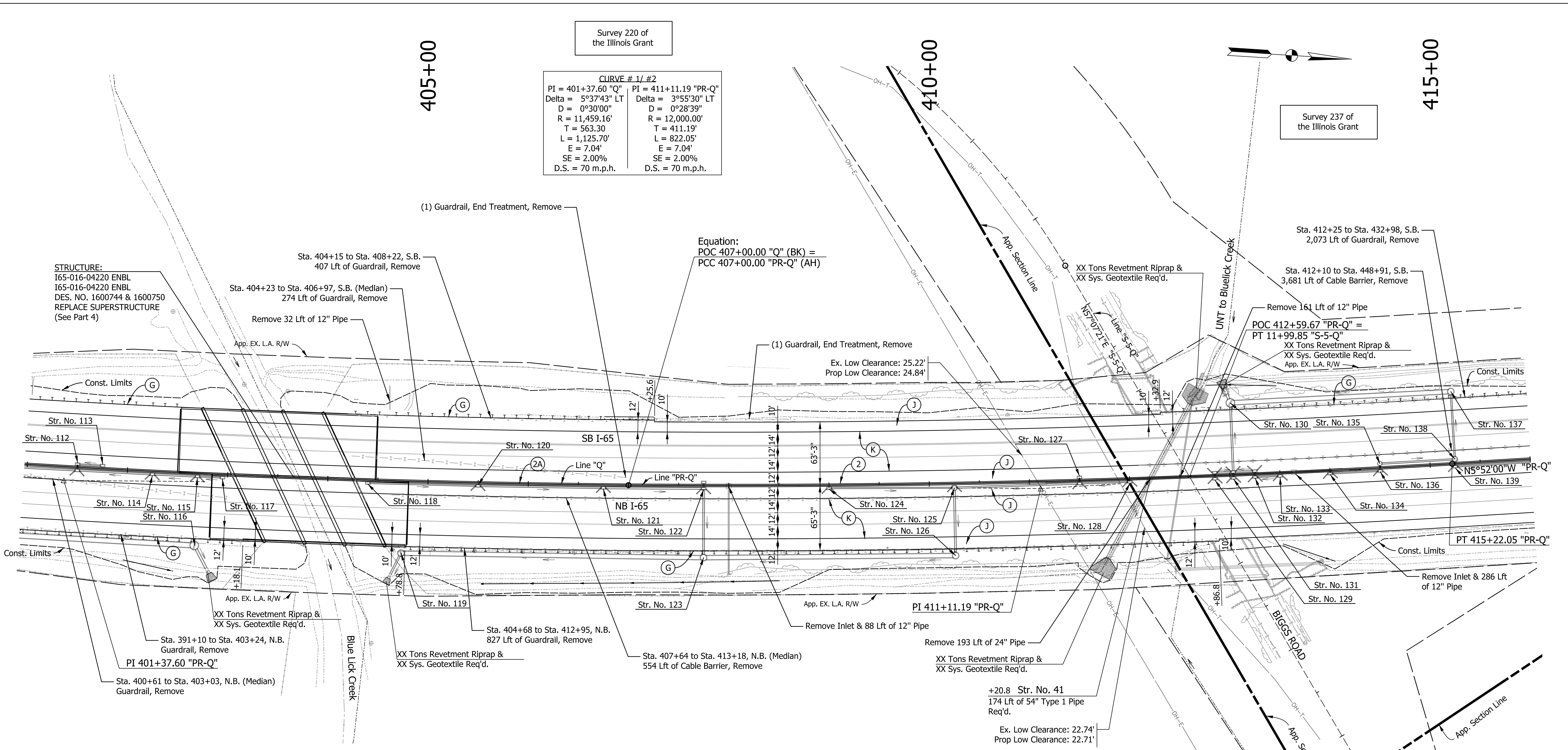
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	143 of 190
CONTRACT	PROJECT
R-41529	1700135

Survey 220 of the Illinois Grant

CURVE # 1/ #2	
PI = 401+37.60 "Q"	PI = 411+11.19 "PR-Q"
Delta = 5°37'43" LT	Delta = 3°55'30" LT
D = 0°30'00"	D = 0°28'39"
R = 11,459.16'	R = 12,000.00'
T = 563.30	T = 411.19'
L = 1,125.70'	L = 822.05'
E = 7.04'	E = 7.04'
SE = 2.00%	SE = 2.00%
D.S. = 70 m.p.h.	D.S. = 70 m.p.h.

Survey 237 of the Illinois Grant

Survey 238 of the Illinois Grant



Equation:  
 $POC\ 407+00.00\ "Q" (BK) =$   
 $PCC\ 407+00.00\ "PR-Q" (AH)$

Str. No. 112, 401+50 "Q" Inlet Type H-5 w/ Slotted Drain & 121' of 15" Type 2 Pipe Req'd.	Str. No. 113, 401+75 "Q" Inlet Type HA-5 & 21' of 12" Type 2 Pipe Req'd.	Str. No. 114, 402+25 "Q" Inlet Type HA-5 w/ Slotted Drain & 71' of 15" Type 2 Pipe Req'd.	Str. No. 115, 402+70 "Q" Inlet Type HA-5 w/ Slotted Drain & 41' of 15" Type 2 Pipe Req'd.	Str. No. 116, 402+70 "Q" Mod. Manhole Type L-4 w/ Weir & 21' of 24" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 117, 402+95 "Q" Inlet Type HA-5 & 21' of 12" Type 2 Pipe Req'd.	Str. No. 118, 404+40 "Q" Inlet Type HA-5 & 106' of 12" Type 2 Pipe Req'd.
Str. No. 119, 404+75 "Q" Mod. Manhole Type K-4 w/ Weir & 20' of 18" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 120, 405+50 "Q" Inlet Type HA-5 w/ Slotted Drain & 121' of 15" Type 2 Pipe Req'd.	Str. No. 121, 406+75 "Q" Inlet Type HA-5 w/ Slotted Drain & 96' of 18" Type 2 Pipe Req'd.	Str. No. 122, 407+75 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 65' of 12" Type 2 Pipe Req'd.	Str. No. 123, 407+75 "PR-Q" Manhole Type K-4 & 296' of 48" Type 2 Pipe Req'd.	Str. No. 124, 409+00 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 121' of 15" Type 2 Pipe Req'd.	Str. No. 125, 410+25 "PR-Q" Mod. Manhole Type J-5 w/ Slotted Drain & 62' of 18" Type 2 Pipe Req'd.
Str. No. 126, 410+75 "PR-Q" Manhole Type K-4 & 245' of 48" Type 2 Pipe Req'd.	Str. No. 127, 411+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 121' of 15" Type 2 Pipe Req'd.	Str. No. 128, 412+00 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 46' of 12" Type 2 Pipe Req'd.	Str. No. 129, 412+85 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 15' of 15" Type 2 Pipe Req'd.	Str. No. 130, 413+04 "PR-Q" Mod. Manhole Type L-4 w/ Weir & 6' of 24" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 131, 413+04 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 64' of 18" Type 2 Pipe Req'd.	Str. No. 132, 413+25 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 18' of 15" Type 2 Pipe Req'd.
Str. No. 133, 413+50 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 21' of 12" Type 2 Pipe Req'd.	Str. No. 134, 414+00 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 46' of 12" Type 2 Pipe Req'd.	Str. No. 135, 414+50 "PR-Q" Manhole Type C-4 & 70' of 15" Type 2 Pipe Req'd.	Str. No. 136, 414+50 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 4' of 12" Type 2 Pipe Req'd.	Str. No. 137, 415+25 "PR-Q" Mod. Manhole Type K-4 & 213' of 48" Type 2 Pipe Req'd.	Str. No. 138, 415+25 "PR-Q" Mod. Manhole Type J-5 & 62' of 15" Type 2 Pipe Req'd.	Str. No. 139, 415+25 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 4' of 12" Type 2 Pipe Req'd.

Notes:  
 Line "Q" to be Constructed to Sta. 407+00.00.  
 Line "PR-Q" to be Constructed from Sta 407+00.00.

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: AMD	DRAWN: JJP	CHECKED: DJG	CHECKED: DJG		

INDIANA  
 DEPARTMENT OF TRANSPORTATION  
 CONSTRUCTION DETAIL  
 STA. 401+00.00 TO STA. 416+00.00

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	
Electronic	144 of 190
CONTRACT	
R-41529	PROJECT
	1700135

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

I:\414\2022\11.34\25 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02.DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_02.dgn

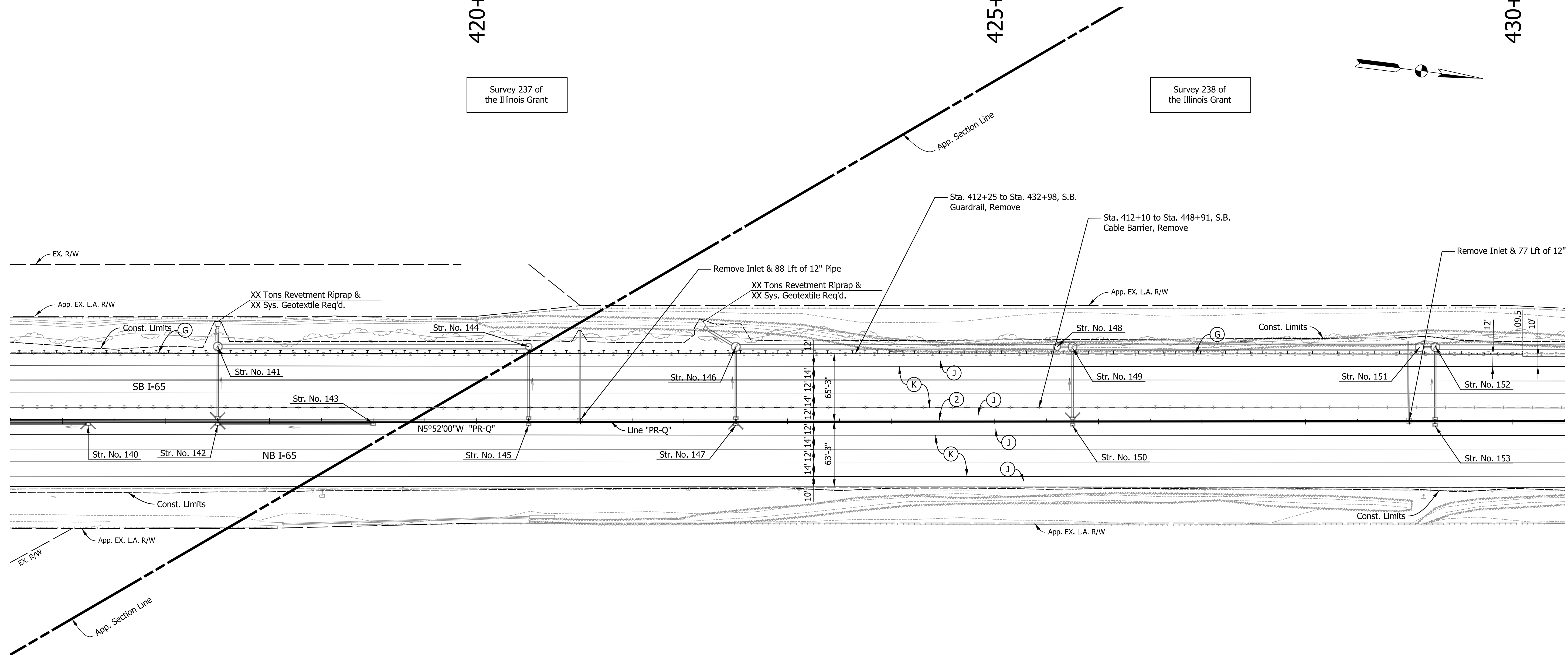
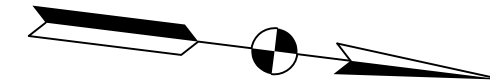
420+00

425+00

430+00

Survey 237 of the Illinois Grant

Survey 238 of the Illinois Grant



Str. No. 140, 416+25 "PR-Q"  
Inlet Type HA-5  
w/ Slotted Drain &  
96' of 12" Type 2 Pipe Req'd.

Str. No. 145, 420+50 "PR-Q"  
Inlet Type H-5 &  
65' of 15" Type 2 Pipe Req'd.

Str. No. 150, 425+75 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
64' of 15" Type 2 Pipe Req'd.

Str. No. 141, 417+50 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir &  
9' of 15" Type 2 Pipe  
w/ 1 PES Req'd.

Str. No. 146, 422+50 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir &  
26' of 24" Type 2 Pipe  
w/ 1 PES Req'd.

Str. No. 151, 429+10 "PR-Q"  
Manhole Type L-4, Drop &  
327' of 60" Type 2 Pipe Req'd.

Str. No. 142, 417+50 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
64' of 15" Type 2 Pipe Req'd.

Str. No. 147, 422+50 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
64' of 15" Type 2 Pipe Req'd.

Str. No. 152, 429+25 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir &  
8' of 15" Type 2 Pipe Req'd.

Str. No. 143, 419+00 "PR-Q"  
Inlet Type HA-5 &  
146' of 12" Type 2 Pipe Req'd.

Str. No. 148, 425+60 "PR-Q"  
Manhole Type K-4, Drop &  
303' of 48" Type 2 Pipe Req'd.

Str. No. 144, 420+50 "PR-Q"  
Manhole Type K-4 &  
293' of 48" Type 2 Pipe Req'd.

Str. No. 149, 425+75 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir &  
9' of 18" Type 2 Pipe Req'd.

**LEGEND**

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

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Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

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

**CONSTRUCTION DETAIL**  
**STA. 415+50.00 TO STA. 430+50.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	145 of 190
CONTRACT	PROJECT
R-41529	1700135

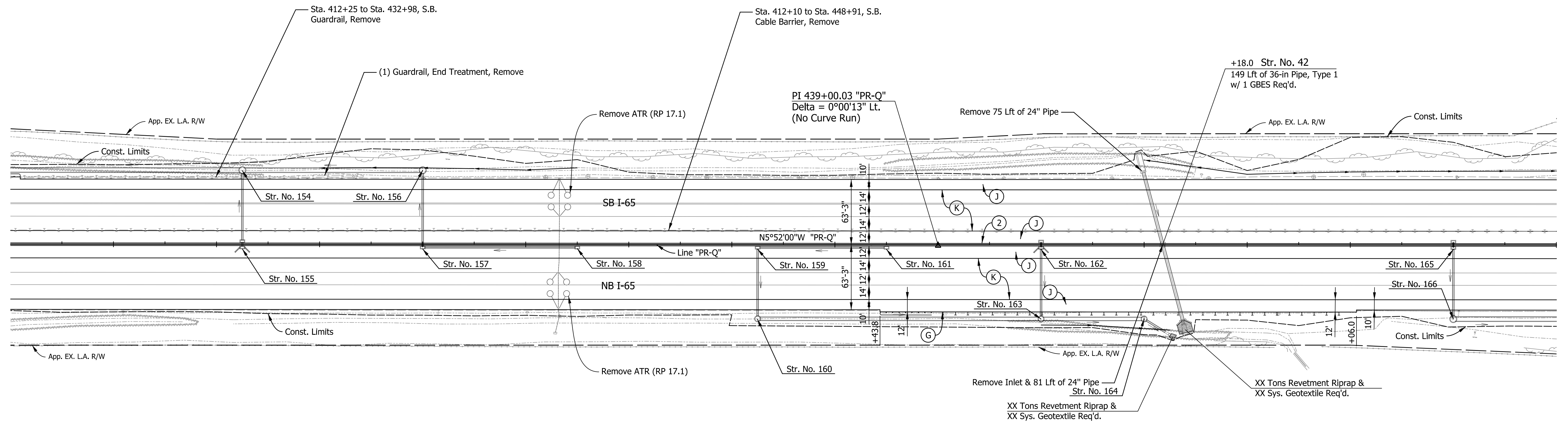
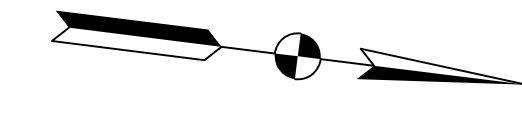
430+00

435+00

440+00

445+00

Survey 238 of the Illinois Grant



- Str. No. 154, 432+25 "PR-Q" Manhole Type K-4 & 293' of 48" Type 2 Pipe Req'd.
- Str. No. 155, 432+25 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 65' of 15" Type 2 Pipe Req'd.
- Str. No. 156, 434+00 "PR-Q" Manhole Type K-4 & 169' of 48" Type 2 Pipe Req'd.
- Str. No. 157, 434+00 "PR-Q" Inlet Type HA-5 & 71' of 15" Type 2 Pipe Req'd.
- Str. No. 158, 435+50 "PR-Q" Inlet Type HA-5 & 146' of 12" Type 2 Pipe Req'd.
- Str. No. 159, 437+25 "PR-Q" Inlet Type HA-5 & 65' of 15" Type 2 Pipe Req'd.
- Str. No. 160, 437+25 "PR-Q" Manhole Type J-4 & 270' of 36" Type 2 Pipe Req'd.
- Str. No. 161, 438+50 "PR-Q" Inlet Type HA-5 & 120' of 12" Type 2 Pipe Req'd.
- Str. No. 162, 440+00 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 66' of 15" Type 2 Pipe Req'd.
- Str. No. 163, 440+00 "PR-Q" Inlet Type J-4 & 95' of 36" Type 2 Pipe Req'd.
- Str. No. 164, 441+00 "PR-Q" Mod. Manhole Type J-4 w/ Weir & 21' of 15" Type 2 Pipe w/ 1 PES Req'd.
- Str. No. 165, 444+00 "PR-Q" Inlet Type H-5 & 65' of 15" Type 2 Pipe Req'd.
- Str. No. 166, 444+00 "PR-Q" Manhole Type K-4 & 344' of 48" Type 2 Pipe Req'd.

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

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
STA. 430+00.00 TO STA. 445+00.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1700135
SURVEY BOOK	SHEETS
Electronic	146 of 190
CONTRACT	PROJECT
R-41529	1700135

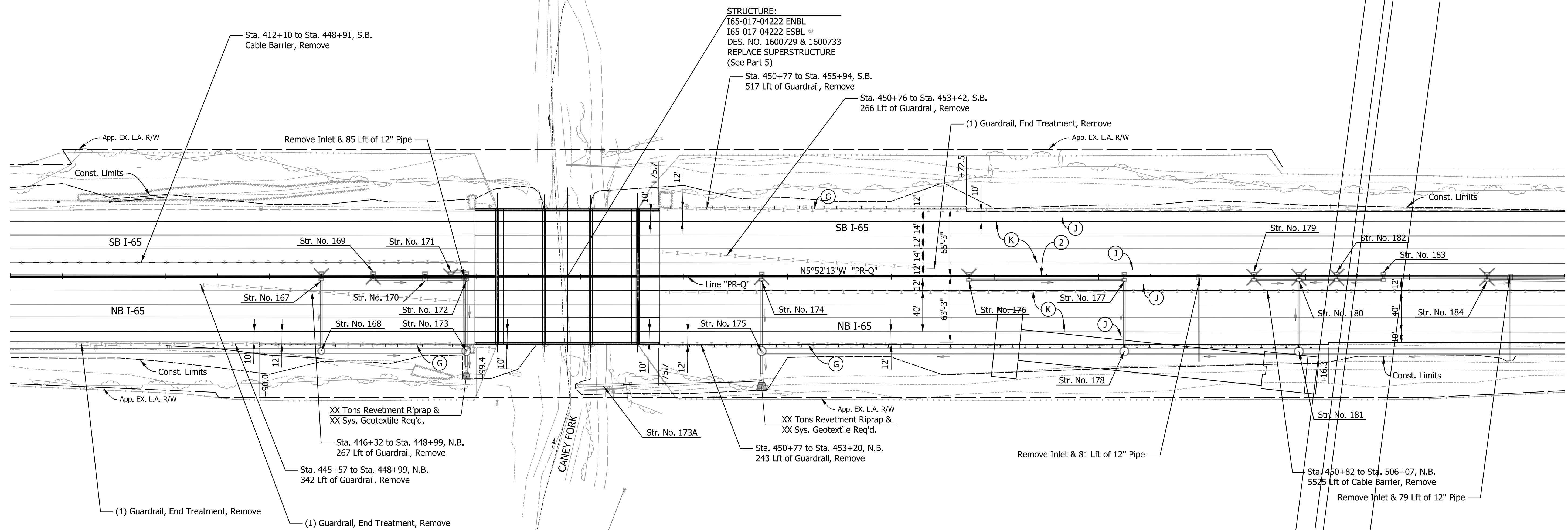
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445+00

450+00

455+00

Survey 238 of the Illinois Grant



**STRUCTURE:**  
 I65-017-04222 ENBL  
 I65-017-04222 ESBL  
 DES. NO. 1600729 & 1600733  
 REPLACE SUPERSTRUCTURE  
 (See Part 5)

- Str. No. 167, 447+50 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
65' of 15" Type 2 Pipe Req'd.
- Str. No. 168, 447+50 "PR-Q"  
Manhole Type K-4 &  
133' of 48" Type 2 Pipe Req'd.
- Str. No. 169, 448+00 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
46' of 15" Type 2 Pipe Req'd.
- Str. No. 170, 448+50 "PR-Q"  
Inlet Type H-5 &  
36' of 15" Type 2 Pipe Req'd.
- Str. No. 171, 448+75 "PR-Q"  
Inlet Type HA-5  
w/ Slotted Drain &  
11' of 12" Type 2 Pipe Req'd.
- Str. No. 172, 448+90 "PR-Q"  
Inlet Type H-5 &  
64' of 15" Type 2 Pipe Req'd.
- Str. No. 173, 445+25 "PR-Q"  
Manhole Type L-4 &  
342' of 54" Type 2 Pipe Req'd.
- Str. No. 173A, 450+22 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir &  
11' of 18" Type 2 Pipe  
w/ 1 PES Req'd.
- Str. No. 174, 451+75 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
64' of 15" Type 2 Pipe Req'd.
- Str. No. 175, 451+75 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir &  
18' of 24" Type 2 Pipe  
w/ 1 PES Req'd.
- Str. No. 176, 453+75 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
146' of 15" Type 2 Pipe Req'd.
- Str. No. 177, 455+25 "PR-Q"  
Inlet Type H-5 &  
64' of 15" Type 2 Pipe Req'd.
- Str. No. 178, 455+25 "PR-Q"  
Manhole Type L-4 &  
161' of 54" Type 2 Pipe Req'd.
- Str. No. 179, 456+50 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
40' of 15" Type 2 Pipe Req'd.
- Str. No. 180, 456+94 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
64' of 18" Type 2 Pipe Req'd.
- Str. No. 181, 456+94 "PR-Q"  
Manhole Type L-4 &  
161' of 54" Type 2 Pipe Req'd.
- Str. No. 182, 457+30 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
33' of 15" Type 2 Pipe Req'd.
- Str. No. 183, 457+75 "PR-Q"  
Inlet Type H-5 &  
41' of 15" Type 2 Pipe Req'd.

**LEGEND**

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

I:\414\2022\11.34\28 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02.DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_05.dgn

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
STA. 444+50.00 TO STA. 459+50.00**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 147 of 190
CONTRACT R-41529	PROJECT 1700135

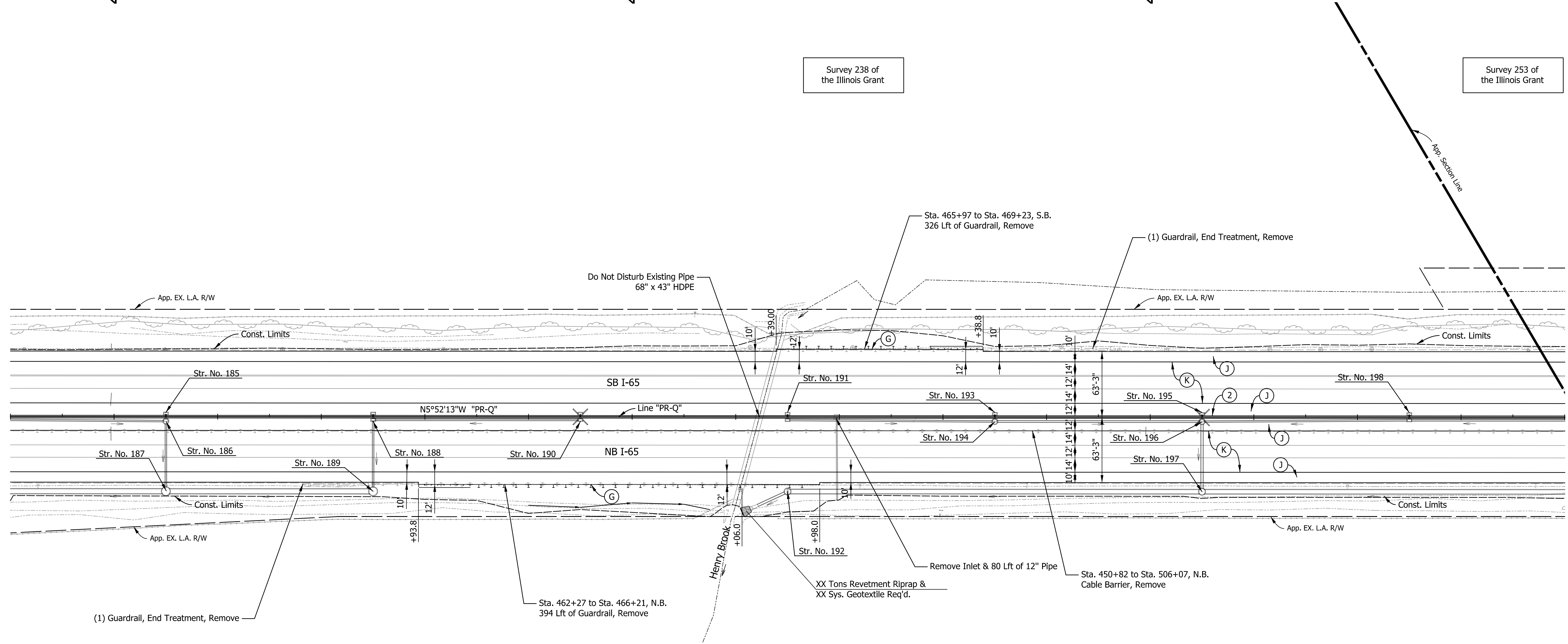
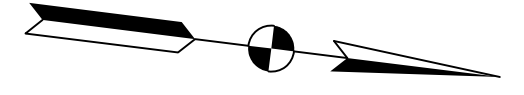
460+00

465+00

470+00

Survey 238 of the Illinois Grant

Survey 253 of the Illinois Grant



- Str. No. 185, 460+50 "PR-Q"  
Inlet Type HA-5 &  
4' of 12" Type 2 Pipe Req'd.
- Str. No. 186, 460+50 "PR-Q"  
Mod. Manhole Type J-5 &  
61' of 15" Type 2 Pipe Req'd.
- Str. No. 187, 460+50 "PR-Q"  
Manhole Type L-4 &  
349' of 54" Type 2 Pipe Req'd.
- Str. No. 188, 462+50 "PR-Q"  
Inlet Type H-5 &  
64' of 15" Type 2 Pipe Req'd.
- Str. No. 189, 462+50 "PR-Q"  
Manhole Type L-4 &  
192' of 54" Type 2 Pipe Req'd.
- Str. No. 190, 464+50 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
196' of 15" Type 2 Pipe Req'd.
- Str. No. 191, 466+50 "PR-Q"  
Inlet Type H-5 &  
196' of 15" Type 2 Pipe Req'd.
- Str. No. 192, 466+50 "PR-Q"  
Mod. Manhole Type K-4 w/ Weir &  
29' of 24" Type 2 Pipe  
w/ 1 PES Req'd.
- Str. No. 193, 468+50 "PR-Q"  
Inlet Type HA-5 &  
4' of 12" Type 2 Pipe Req'd.
- Str. No. 194, 468+50 "PR-Q"  
Mod. Manhole Type J-5 &  
195' of 18" Type 2 Pipe Req'd.
- Str. No. 195, 470+50 "PR-Q"  
Inlet Type HA-5  
w/ Slotted Drain &  
4' of 17" Type 2 Pipe Req'd.
- Str. No. 196, 468+50 "PR-Q"  
Mod. Manhole Type J-5  
w/ Slotted Drain &  
62' of 24" Type 2 Pipe Req'd.
- Str. No. 197, 470+50 "PR-Q"  
Manhole Type K-4 &  
394' of 48" Type 2 Pipe Req'd.
- Str. No. 198, 472+50 "PR-Q"  
Inlet Type H-5 &  
196' of 15" Type 2 Pipe Req'd.

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

I:\4\14\2022\11.34\29 AM\1 P:\200035 - 165 ATL\09Road\04 Design files\02 DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_06.dgn

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
STA. 459+00.00 TO STA. 474+00.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	148 of 190
CONTRACT	PROJECT
R-41529	1700135

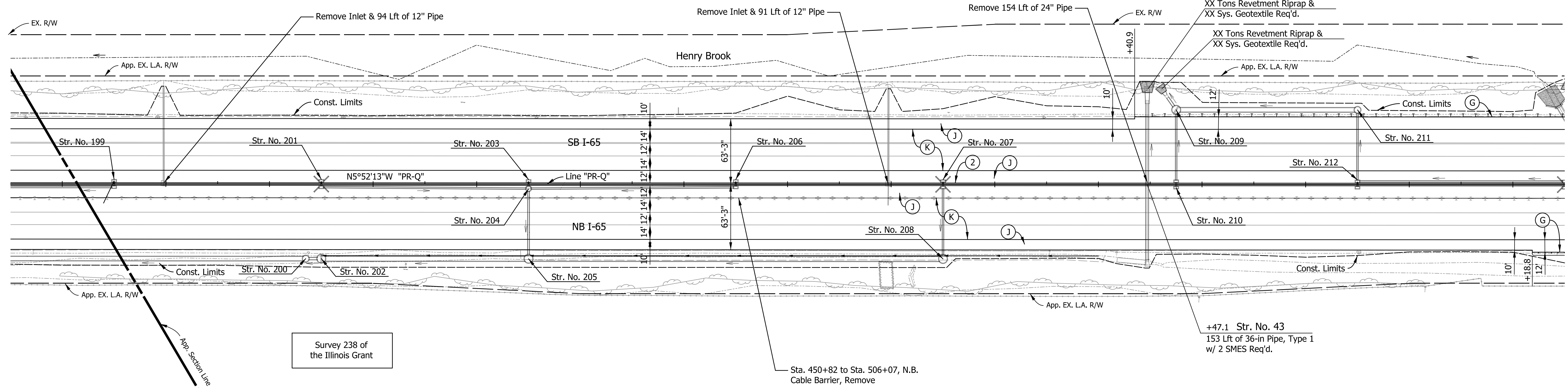
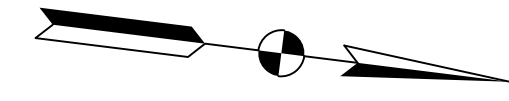
475+00

480+00

485+00

Survey 253 of the Illinois Grant

Survey 238 of the Illinois Grant



- Str. No. 199, 474+50 "PR-Q" Inlet Type H-5 & 196' of 15" Type 2 Pipe Req'd.
- Str. No. 200, 476+35 "PR-Q" Manhole Type K-4, Drop & 579' of 48" Type 2 Pipe Req'd.
- Str. No. 201, 476+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 196' of 15" Type 2 Pipe Req'd.
- Str. No. 202, 476+50 "PR-Q" Mod. Manhole Type L-4 w/ Weir & 9' of 24" Type 2 Pipe Req'd.
- Str. No. 203, 478+50 "PR-Q" Inlet Type HA-5 & 4' of 12" Type 2 Pipe Req'd.
- Str. No. 204, 478+50 "PR-Q" Mod. Manhole Type J-5 & 61' of 18" Type 2 Pipe Req'd.
- Str. No. 205, 478+50 "PR-Q" Manhole Type L-4 & 192' of 54" Type 2 Pipe Req'd.
- Str. No. 206, 480+50 "PR-Q" Inlet Type H-5 & 196' of 15" Type 2 Pipe Req'd.
- Str. No. 207, 482+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 64' of 15" Type 2 Pipe Req'd.
- Str. No. 208, 482+50 "PR-Q" Manhole Type L-4 & 392' of 54" Type 2 Pipe Req'd.
- Str. No. 209, 482+50 "PR-Q" Mod. Manhole Type L-4 w/ Weir & 11' of 24" Type 2 Pipe w/ 1 PES Req'd.
- Str. No. 210, 484+75 "PR-Q" Inlet Type H-5 & 64' of 15" Type 2 Pipe Req'd.
- Str. No. 211, 486+50 "PR-Q" Manhole Type K-4 & 168' of 48" Type 2 Pipe Req'd.
- Str. No. 212, 486+50 "PR-Q" Inlet Type H-5 & 65' of 15" Type 2 Pipe Req'd.

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

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

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

**CONSTRUCTION DETAIL**  
**STA. 473+50.00 TO STA. 488+50.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	149 of 190
CONTRACT	PROJECT
R-41529	1700135

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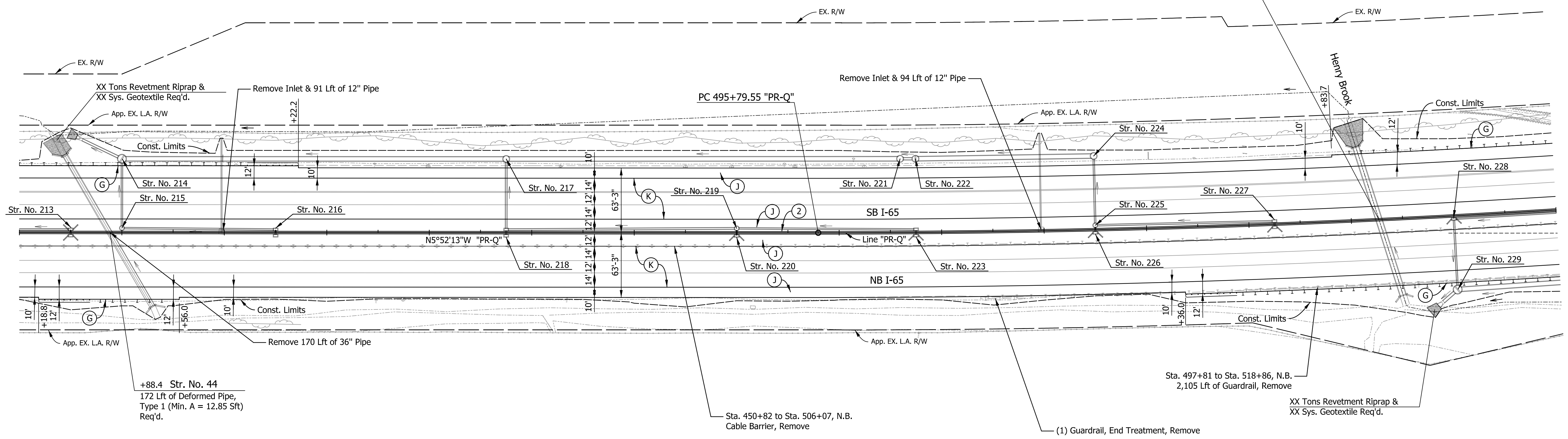
490+00

495+00

500+00

Survey 253 of the Illinois Grant

+27 Str. No. 45  
CV-165-010-18.35  
Des. No. 2001599  
189' of 66" Smooth Pipe or  
72" Corrugated Pipe Req'd.



- |                                                                                                       |                                                                                                             |                                                                                                      |                                                                                                      |                                                                                                       |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Str. No. 213, 488+50 "PR-Q"<br>Inlet Type H-5<br>w/ Slotted Drain &<br>196' of 15" Type 2 Pipe Req'd. | Str. No. 214, 489+00 "PR-Q"<br>Mod. Manhole Type L-4 w/ Weir &<br>39' of 24" Type 2 Pipe<br>w/ 1 PES Req'd. | Str. No. 215, 489+00 "PR-Q"<br>Manhole Type C-4 &<br>62' of 15" Type 2 Pipe Req'd.                   | Str. No. 216, 490+50 "PR-Q"<br>Inlet Type H-5 &<br>146' of 15" Type 2 Pipe                           | Str. No. 217, 492+75 "PR-Q"<br>Manhole Type K-4 &<br>368' of 48" Type 2 Pipe Req'd.                   |
| Str. No. 218, 492+75 "PR-Q"<br>Inlet Type H-5 &<br>65' of 18" Type 2 Pipe Req'd.                      | Str. No. 219, 495+00 "PR-Q"<br>Manhole Type C-4 &<br>221' of 18" Type 2 Pipe Req'd.                         | Str. No. 220, 495+00 "PR-Q"<br>Inlet Type HA-5<br>w/ Slotted Drain &<br>4' of 12" Type 2 Pipe Req'd. | Str. No. 221, 496+60 "PR-Q"<br>Manhole Type K-4, Drop &<br>378' of 48" Type 2 Pipe Req'd.            | Str. No. 222, 496+75 "PR-Q"<br>Mod. Manhole Type K-4 w/ Weir &<br>9' of 12" Type 2 Pipe Req'd.        |
| Str. No. 223, 496+75 "PR-Q"<br>Inlet Type H-5<br>w/ Slotted Drain &<br>171' of 15" Type 2 Pipe Req'd. | Str. No. 224, 498+50 "PR-Q"<br>Manhole Type K-4 &<br>168' of 48" Type 2 Pipe Req'd.                         | Str. No. 225, 498+50 "PR-Q"<br>Manhole Type C-4 &<br>63' of 15" Type 2 Pipe Req'd.                   | Str. No. 226, 498+50 "PR-Q"<br>Inlet Type HA-5<br>w/ Slotted Drain &<br>4' of 12" Type 2 Pipe Req'd. | Str. No. 227, 500+25 "PR-Q"<br>Inlet Type H-5<br>w/ Slotted Drain &<br>171' of 15" Type 2 Pipe Req'd. |
| Str. No. 228, 502+00 "PR-Q"<br>Inlet Type HA-5<br>w/ Slotted Drain &<br>64' of 15" Type 2 Pipe Req'd. | Str. No. 229, 502+00 "PR-Q"<br>Mod. Manhole Type L-4 w/ Weir &<br>14' of 30" Type 2 Pipe<br>w/ 1 PES Req'd. |                                                                                                      |                                                                                                      |                                                                                                       |

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

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Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
STA. 488+00.00 TO STA. 503+00.00**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N.A.	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 150 of 190
CONTRACT R-41529	PROJECT 1700135





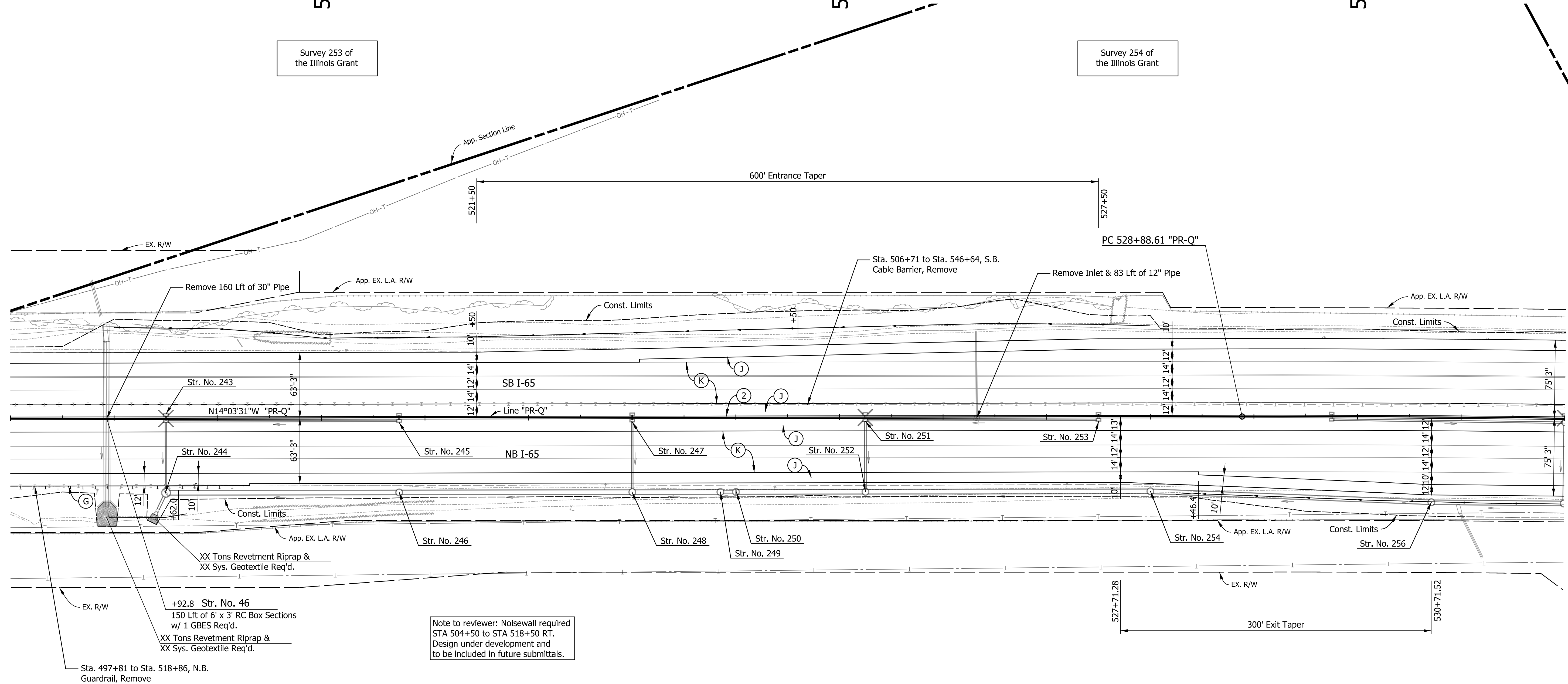
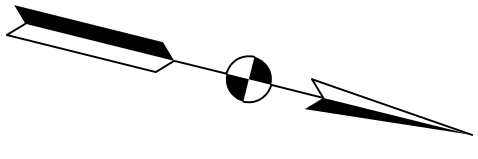
520+00

525+00

530+00

Survey 253 of the Illinois Grant

Survey 254 of the Illinois Grant



- Str. No. 243, 518+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 64' of 15" Type 2 Pipe Req'd.
- Str. No. 244, 518+50 "PR-Q" Mod. Manhole Type L-4 w/ Weir & 14' of 24" Type 2 Pipe w/ 1 PES Req'd.
- Str. No. 245, 520+75 "PR-Q" Inlet Type H-5 & 221' of 15" Type 2 Pipe Req'd.
- Str. No. 246, 520+75 "PR-Q" Manhole Type K-4 & 218' of 48" Type 2 Pipe Req'd.
- Str. No. 247, 523+00 "PR-Q" Inlet Type H-5 & 65' of 15" Type 2 Pipe Req'd.
- Str. No. 248, 523+00 "PR-Q" Manhole Type K-4 & 219' of 48" Type 2 Pipe Req'd.
- Str. No. 249, 523+85 "PR-Q" Manhole Type K-4, Drop & 79' of 48" Type 2 Pipe Req'd.
- Str. No. 250, 524+00 "PR-Q" Mod. Manhole Type K-4 w/ Weir & 9' of 24" Type 2 Pipe Req'd.
- Str. No. 251, 525+25 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 65' of 18" Type 2 Pipe Req'd.
- Str. No. 252, 525+25 "PR-Q" Manhole Type K-4 & 119' of 48" Type 2 Pipe Req'd.
- Str. No. 253, 527+50 "PR-Q" Inlet Type H-5 & 221' of 15" Type 2 Pipe Req'd.
- Str. No. 254, 528+00 "PR-Q" Manhole Type K-4 & 269' of 48" Type 2 Pipe Req'd.
- Str. No. 255, 529+75 "PR-Q" Inlet Type H-5 & 221' of 15" Type 2 Pipe Req'd.
- Str. No. 256, 530+72 "PR-Q" Manhole Type K-4 & 265' of 48" Type 2 Pipe Req'd.

**LEGEND**

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

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL**  
**STA. 517+00.00 TO STA. 532+00.00**

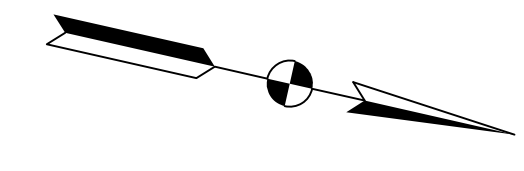
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	152 of 190
CONTRACT	PROJECT
R-41529	1700135

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535+00

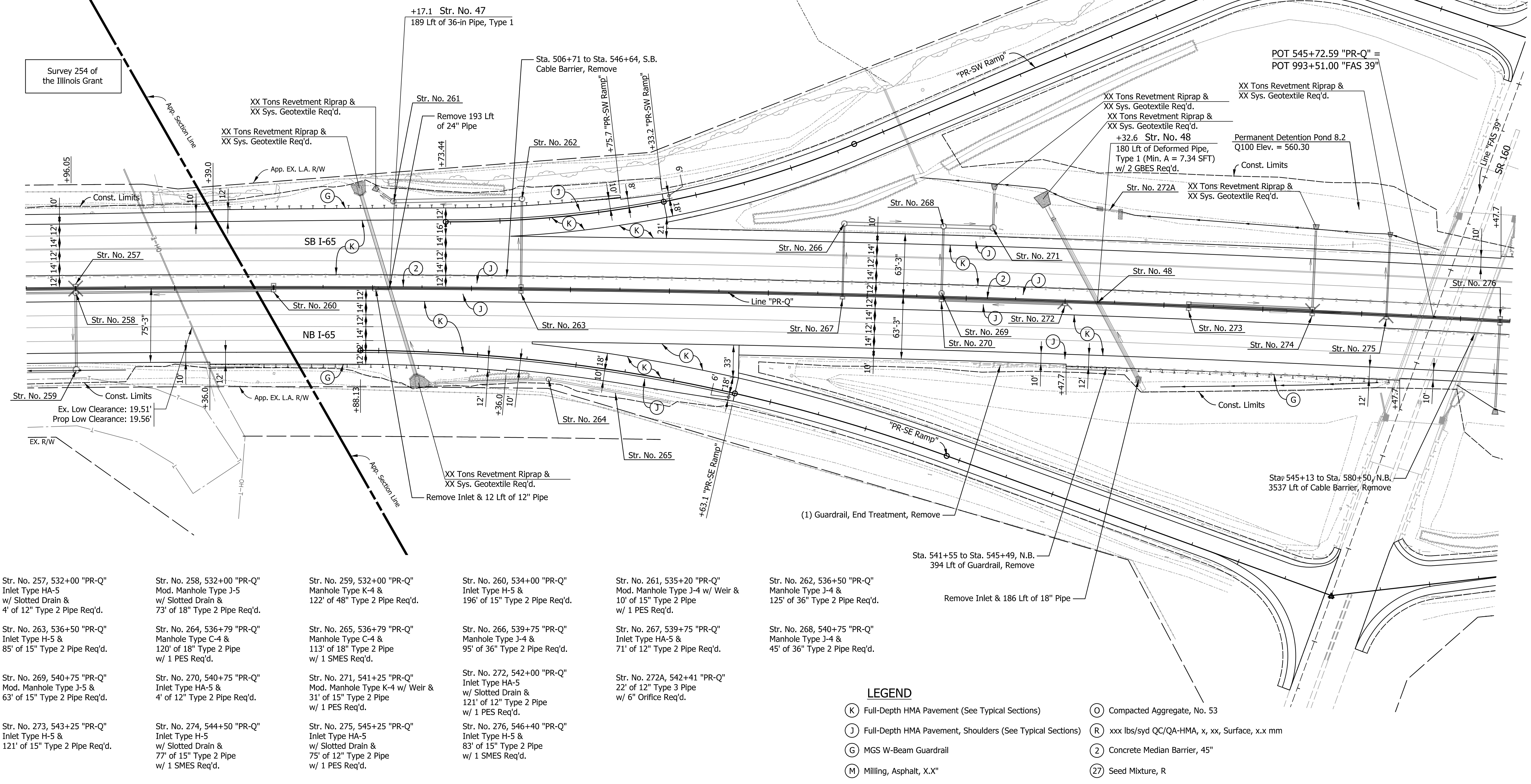
540+00

545+00



Survey 269 of the Illinois Grant

Survey 254 of the Illinois Grant



- Str. No. 257, 532+00 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 4' of 12" Type 2 Pipe Req'd.
- Str. No. 258, 532+00 "PR-Q" Mod. Manhole Type J-5 w/ Slotted Drain & 73' of 18" Type 2 Pipe Req'd.
- Str. No. 259, 532+00 "PR-Q" Manhole Type K-4 & 122' of 48" Type 2 Pipe Req'd.
- Str. No. 260, 534+00 "PR-Q" Inlet Type H-5 & 196' of 15" Type 2 Pipe Req'd.
- Str. No. 261, 535+20 "PR-Q" Mod. Manhole Type J-4 w/ Weir & 10' of 15" Type 2 Pipe w/ 1 PES Req'd.
- Str. No. 262, 536+50 "PR-Q" Manhole Type J-4 & 125' of 36" Type 2 Pipe Req'd.
- Str. No. 263, 536+50 "PR-Q" Inlet Type H-5 & 85' of 15" Type 2 Pipe Req'd.
- Str. No. 264, 536+79 "PR-Q" Manhole Type C-4 & 120' of 18" Type 2 Pipe w/ 1 PES Req'd.
- Str. No. 265, 536+79 "PR-Q" Manhole Type C-4 & 113' of 18" Type 2 Pipe w/ 1 SMES Req'd.
- Str. No. 266, 539+75 "PR-Q" Inlet Type J-4 & 95' of 36" Type 2 Pipe Req'd.
- Str. No. 267, 539+75 "PR-Q" Inlet Type HA-5 & 71' of 12" Type 2 Pipe Req'd.
- Str. No. 269, 540+75 "PR-Q" Mod. Manhole Type J-5 & 63' of 15" Type 2 Pipe Req'd.
- Str. No. 270, 540+75 "PR-Q" Inlet Type HA-5 & 4' of 12" Type 2 Pipe Req'd.
- Str. No. 271, 541+25 "PR-Q" Mod. Manhole Type K-4 w/ Weir & 31' of 15" Type 2 Pipe w/ 1 PES Req'd.
- Str. No. 272, 542+00 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 121' of 12" Type 2 Pipe w/ 1 PES Req'd.
- Str. No. 272A, 542+41 "PR-Q" 22' of 12" Type 3 Pipe w/ 6" Orifice Req'd.
- Str. No. 273, 543+25 "PR-Q" Inlet Type H-5 & 121' of 15" Type 2 Pipe Req'd.
- Str. No. 274, 544+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 77' of 12" Type 2 Pipe w/ 1 SMES Req'd.
- Str. No. 275, 545+25 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 75' of 12" Type 2 Pipe w/ 1 PES Req'd.
- Str. No. 276, 546+40 "PR-Q" Inlet Type H-5 & 83' of 15" Type 2 Pipe w/ 1 SMES Req'd.

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

Notes:  
 Line "PR-Q" to be Constructed.  
 See Construction Detail SR 160 Interchange Sheet for Ramp Details.  
 See Detention Pond Detail Sheets for Pond Details.

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____	DATE _____
DESIGNED: AMD	DRAWN: JJP		
CHECKED: DJG	CHECKED: DJG		

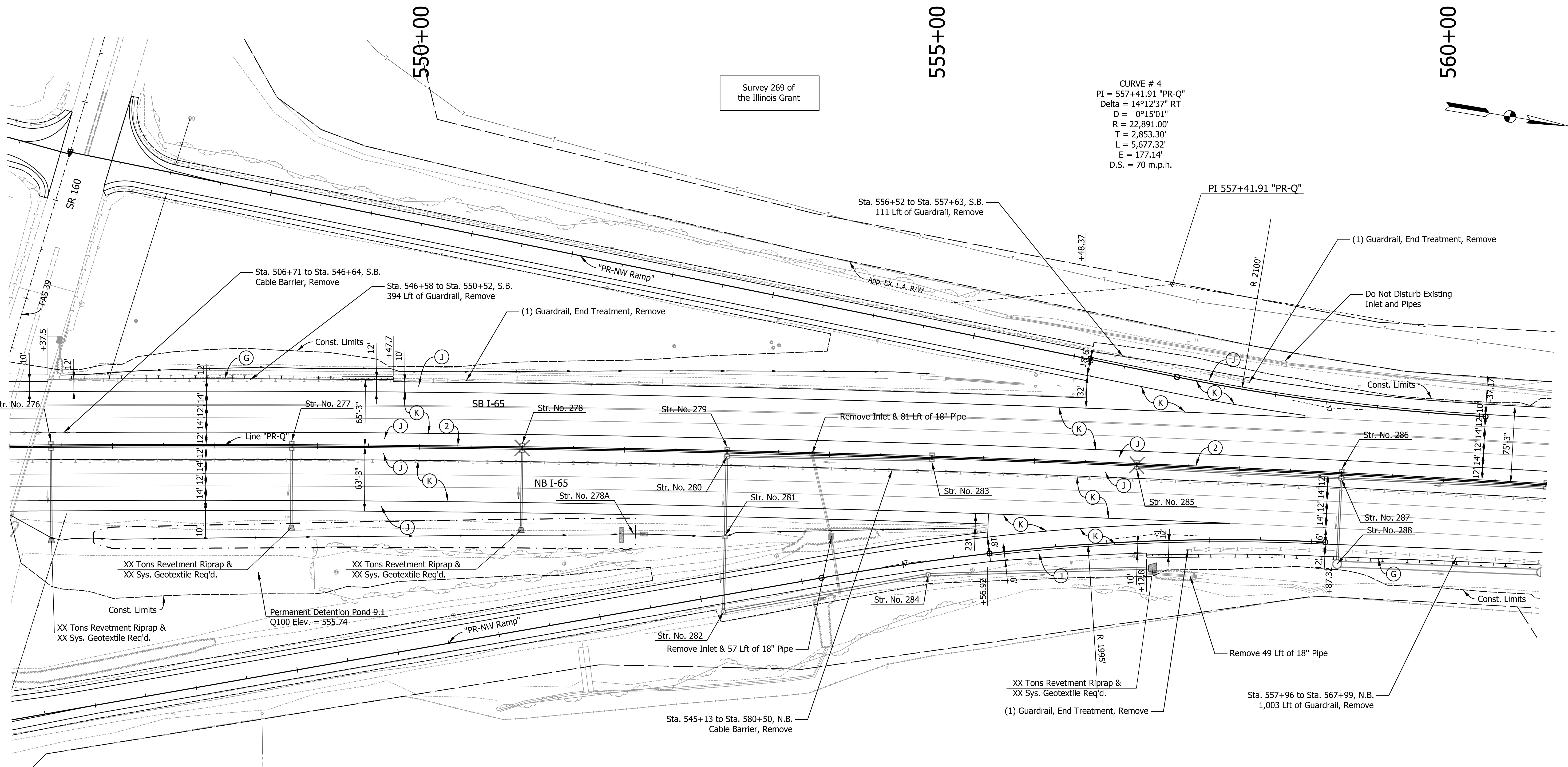
**INDIANA DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
 STA. 531+50.00 TO STA. 546+50.00**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N.A.	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 153 of 190
CONTRACT R-41529	PROJECT 1700135

I:\414\2022\11.34\32 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02 DGN\Plans\200035\_09\_Sht\_Line Q\_Const\_Detail\_11.dgn

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Str. No. 276, 546+40 "PR-Q"  
Inlet Type H-5 &  
83' of 15" Type 2 Pipe  
w/ 1 SMES Req'd.

Str. No. 277, 548+75 "PR-Q"  
Inlet Type H-5 &  
72' of 15" Type 2 Pipe  
w/ 1 SMES Req'd.

Str. No. 278, 551+00 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
72' of 15" Type 2 Pipe  
w/ 1 SMES Req'd.

Str. No. 278A, 552+10 "PR-Q"  
23' of 12" Type 3 Pipe  
w/ 8" Orifice Req'd.

Str. No. 279, 553+00 "PR-Q"  
Inlet Type HA-5 &  
4' of 12" Type 2 Pipe Req'd.

Str. No. 280, 553+00 "PR-Q"  
Mod. Manhole Type J-5 &  
75' of 18" Type 2 Pipe Req'd.

Str. No. 281, 553+00 "PR-Q"  
Mod. Inlet Type P-12 &  
70' of 18" Type 2 Pipe Req'd.

Str. No. 282, 553+00 "PR-Q"  
Manhole Type C-4 &  
199' of 24" Type 2 Pipe Req'd.

Str. No. 283, 555+00 "PR-Q"  
Inlet Type H-5 &  
196' of 15" Type 2 Pipe Req'd.

Str. No. 284, 555+00 "PR-Q"  
Manhole Type C-4 &  
210' of 24" Type 2 Pipe  
w/ 1 SMES Req'd.

Str. No. 285, 557+00 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
196' of 15" Type 2 Pipe Req'd.

Str. No. 286, 559+00 "PR-Q"  
Inlet Type HA-5 &  
4' of 12" Type 2 Pipe Req'd.

Str. No. 287, 559+00 "PR-Q"  
Mod. Manhole Type J-5 &  
77' of 18" Type 2 Pipe Req'd.

Str. No. 288, 559+00 "PR-Q"  
Manhole Type L-4 &  
191' of 60" Type 2 Pipe Req'd.

**LEGEND**

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

Notes:  
Line "PR-Q" to be Constructed.  
See Construction Detail SR 160 Interchange Sheet for Ramp Details.  
See Detention Pond Detail Sheets for Pond Details.

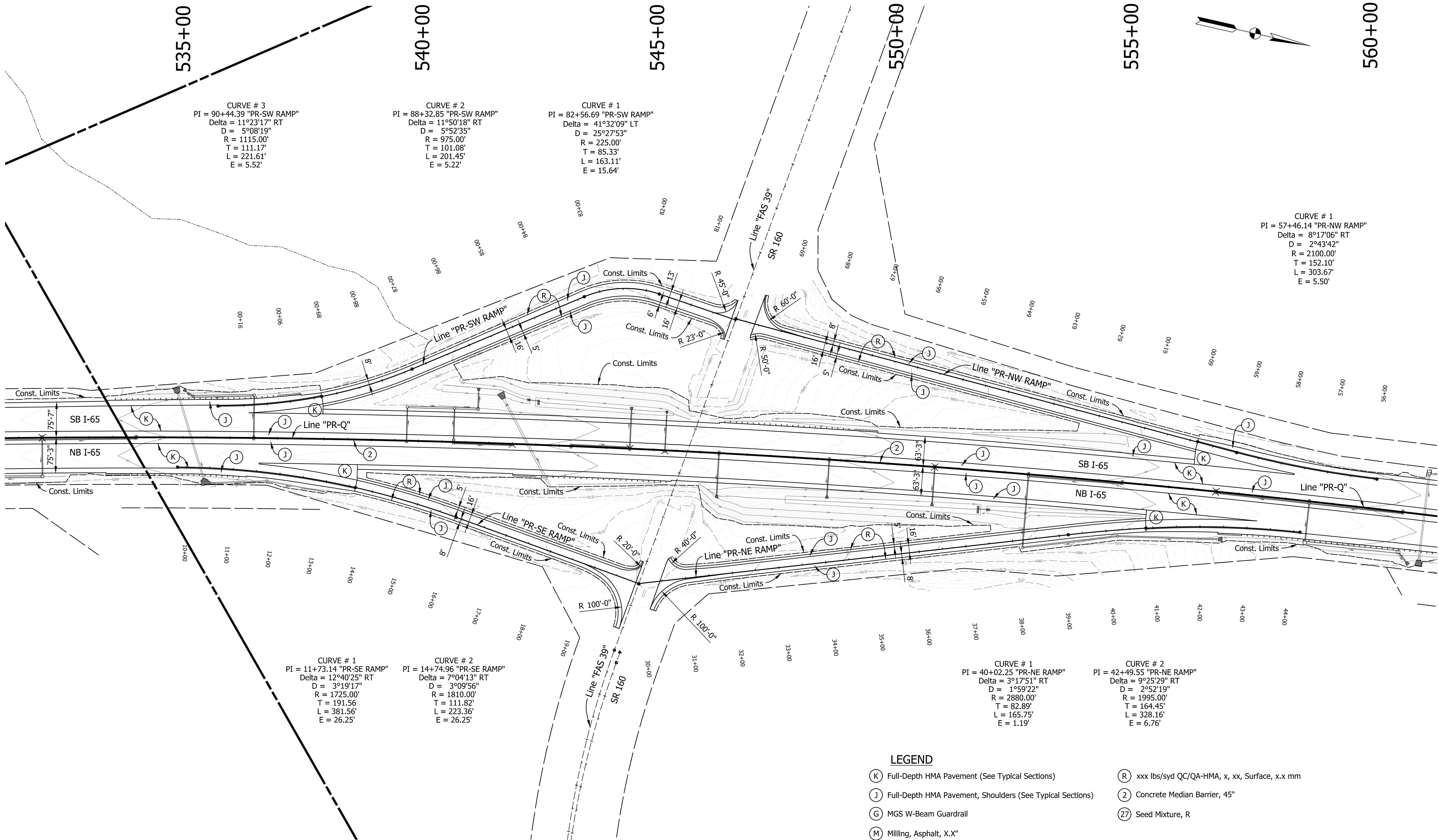
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
STA. 546+00.00 TO STA. 561+00.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	154 of 190
CONTRACT	PROJECT
R-41529	1700135

I:\4\14\2022\11.34\34 AM\1\_P\200035 - 165 ATL\09Road\04 Design files\02.DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_11A.dgn



Notes:  
 Line "PR-Q" to be Constructed.

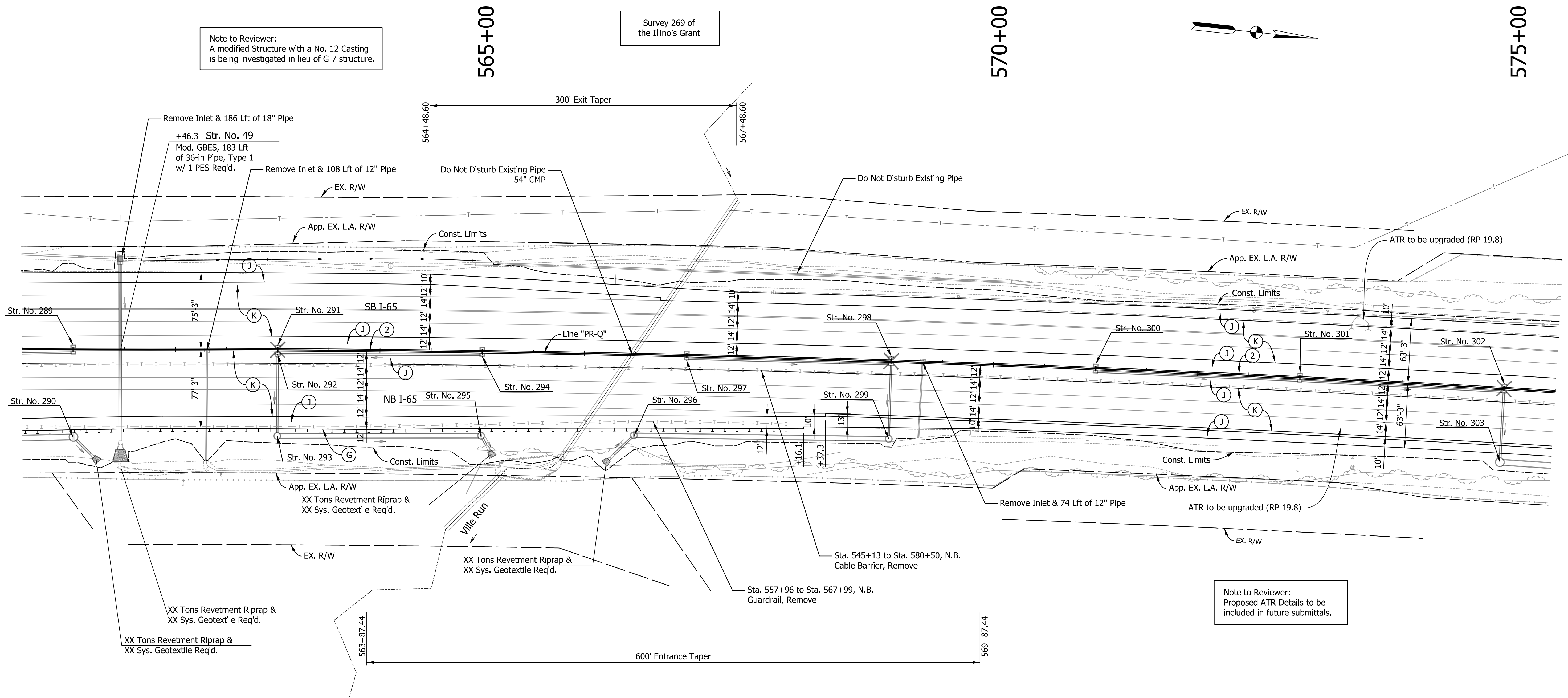
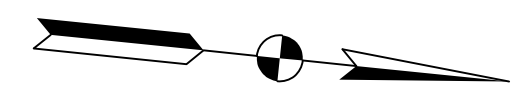
**LEGEND**

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

RECOMMENDED FOR APPROVAL _____		DESIGN ENGINEER _____ DATE _____		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
DESIGNED: AMD		DRAWN: JJP				1" = 100'		N/A	
CHECKED: DJG		CHECKED: DJG		CONSTRUCTION DETAIL SR 160 INTERCHANGE STA. 531+50.00 TO STA. 546+50.00		VERTICAL SCALE		DESIGNATION	
						N.A.		1700135	
						SURVEY BOOK		SHEETS	
				Electronic		155 of 190			
				CONTRACT		PROJECT			
				R-41529		1700135			

Note to Reviewer:  
A modified Structure with a No. 12 Casting is being investigated in lieu of G-7 structure.

Survey 269 of the Illinois Grant



Note to Reviewer:  
Proposed ATR Details to be included in future submittals.

Str. No. 289, 561+00 "PR-Q"  
Inlet Type H-5 &  
196' of 15" Type 2 Pipe Req'd.

Str. No. 290, 561+00 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir  
19' of 18" Type 2 Pipe  
w/ 1 PES Req'd.

Str. No. 291, 563+00 "PR-Q"  
Inlet Type HA-5  
w/ Slotted Drain &  
4' of 12" Type 2 Pipe Req'd.

Str. No. 292, 563+00 "PR-Q"  
Mod. Manhole Type J-5  
w/ Slotted Drain &  
75' of 15" Type 2 Pipe Req'd.

Str. No. 293, 563+00 "PR-Q"  
Manhole Type K-4 &  
193' of 48" Type 2 Pipe Req'd.

Str. No. 294, 565+00 "PR-Q"  
Inlet Type H-5 &  
196' of 15" Type 2 Pipe Req'd.

Str. No. 295, 565+00 "PR-Q"  
Mod. Manhole Type K-4 w/ Weir  
7' of 18" Type 2 Pipe  
w/ 1 PES Req'd.

Str. No. 296, 566+50 "PR-Q"  
Mod. Manhole Type K-4 w/ Weir  
24' of 18" Type 2 Pipe  
w/ 1 PES Req'd.

Str. No. 297, 567+00 "PR-Q"  
Inlet Type H-5 &  
196' of 15" Type 2 Pipe Req'd.

Str. No. 298, 569+00 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
69' of 15" Type 2 Pipe Req'd.

Str. No. 299, 569+00 "PR-Q"  
Manhole Type K-4 &  
243' of 48" Type 2 Pipe Req'd.

Str. No. 300, 571+00 "PR-Q"  
Inlet Type H-5 &  
196' of 15" Type 2 Pipe Req'd.

Str. No. 301, 573+00 "PR-Q"  
Inlet Type H-5 &  
196' of 15" Type 2 Pipe Req'd.

Str. No. 302, 575+00 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
64' of 18" Type 2 Pipe Req'd.

Str. No. 303, 575+00 "PR-Q"  
Manhole Type L-4 &  
391' of 60" Type 2 Pipe Req'd.

**LEGEND**

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

Notes:  
Line "PR-Q" to be Constructed.

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

DESIGNED: AMD DRAWN: JJP  
CHECKED: DJG CHECKED: DJG

INDIANA  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL  
STA. 560+50.00 TO STA. 575+50.00

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N.A.	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 156 of 190
CONTRACT R-41529	PROJECT 1700135

575+00

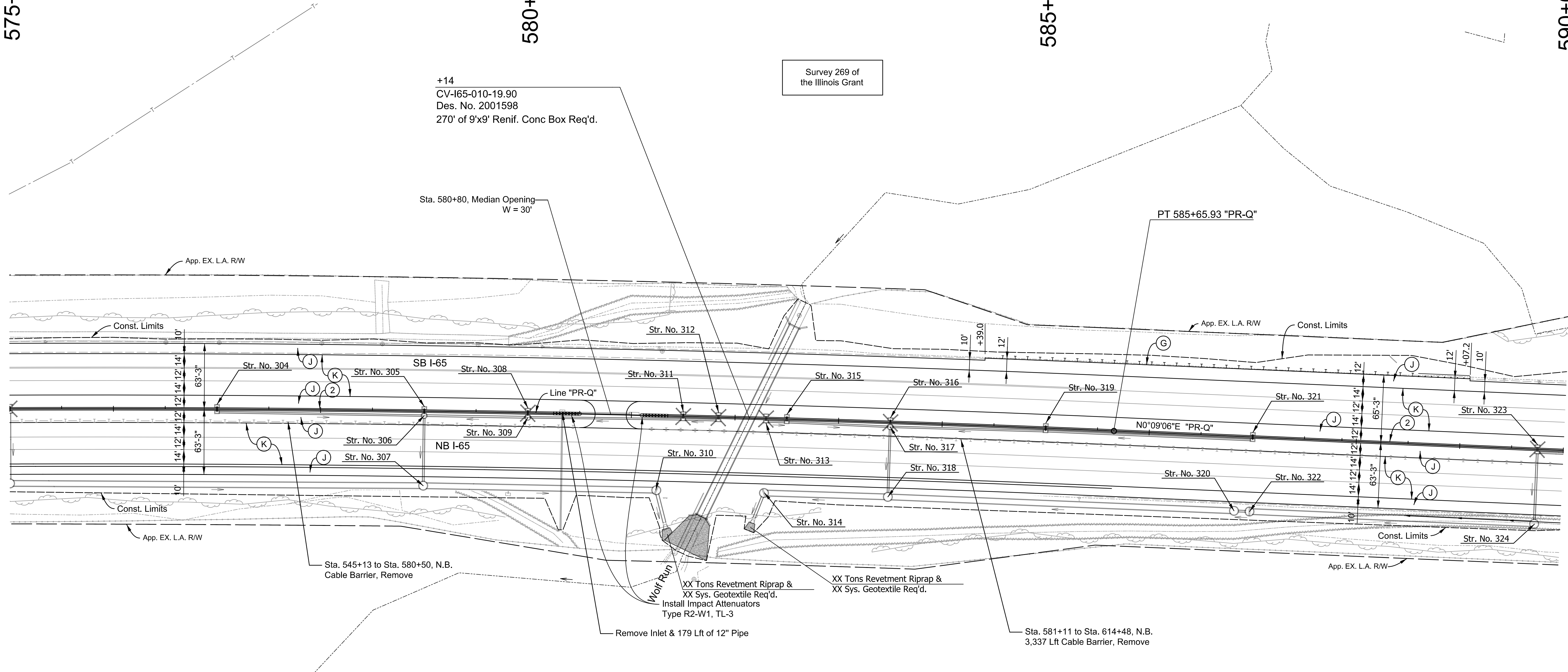
580+00

585+00

590+00

Survey 269 of the Illinois Grant

+14  
CV-I65-010-19.90  
Des. No. 2001598  
270' of 9'x9' Renif. Conc Box Req'd.



Str. No. 304, 577+00 "PR-Q" Inlet Type H-5 & 196' of 15" Type 2 Pipe Req'd.	Str. No. 305, 579+00 "PR-Q" Inlet Type HA-5 & 4' of 12" Type 2 Pipe Req'd.	Str. No. 306, 579+00 "PR-Q" Mod. Manhole Type J-5 & 61' of 18" Type 2 Pipe Req'd.	Str. No. 307, 579+00 "PR-Q" Manhole Type L-4 & 217' of 60" Type 2 Pipe Req'd.	Str. No. 308, 580+00 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 4' of 12" Type 2 Pipe Req'd.	Str. No. 309, 580+00 "PR-Q" Mod. Manhole Type J-5 w/ Slotted Drain & 95' of 18" Type 2 Pipe Req'd.
Str. No. 310, 581+25 "PR-Q" Mod. Manhole Type L-4 w/ Weir 28' of 30" Type 2 Pipe Pipe w/ 1 PES Req'd.	Str. No. 311, 581+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 145' of 15" Type 2 Pipe Req'd.	Str. No. 312, 581+84 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 30' of 15" Type 2 Pipe Req'd.	Str. No. 313, 582+30 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 16' of 15" Type 2 Pipe Req'd.	Str. No. 314, 582+30 "PR-Q" Mod. Manhole Type L-4 w/ Weir & 21' of 24" Type 2 Pipe Pipe w/ 1 PES Req'd.	Str. No. 315, 582+50 "PR-Q" Inlet Type H-5 & 96' of 15" Type 2 Pipe Req'd.
Str. No. 316, 583+50 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 4' of 12" Type 2 Pipe Req'd.	Str. No. 317, 583+50 "PR-Q" Mod. Manhole Type J-5 w/ Slotted Drain & 61' of 18" Type 2 Pipe Req'd.	Str. No. 318, 583+50 "PR-Q" Manhole Type L-4 & 112' of 60" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 319, 585+00 "PR-Q" Inlet Type H-5 & 146' of 15" Type 2 Pipe Req'd.	Str. No. 320, 586+85 "PR-Q" Mod. Manhole Type L-4 & 326' of 60" Type 2 Pipe Req'd.	Str. No. 321, 587+00 "PR-Q" Inlet Type H-5 & 196' of 15" Type 2 Pipe Req'd.
Str. No. 322, 587+00 "PR-Q" Mod. Manhole Type L-4 w/ Weir 8' of 18" Type 2 Pipe Req'd.	Str. No. 323, 589+75 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 64' of 18" Type 2 Pipe Req'd.	Str. No. 324, 589+75 "PR-Q" Manhole Type L-4 & 267' of 60" Type 2 Pipe Req'd.			

Sta. 581+11 to Sta. 614+48, N.B.  
3,337 Lft Cable Barrier, Remove

**LEGEND**

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

I:\4\14\2022\11.34\36 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02\_DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_14.dgn

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

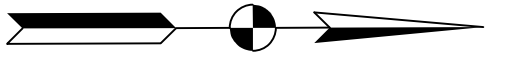
**CONSTRUCTION DETAIL  
STA. 575+00.00 TO STA. 590+00.00**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N.A.	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 157 of 190
CONTRACT R-41529	PROJECT 1700135

590+00

595+00

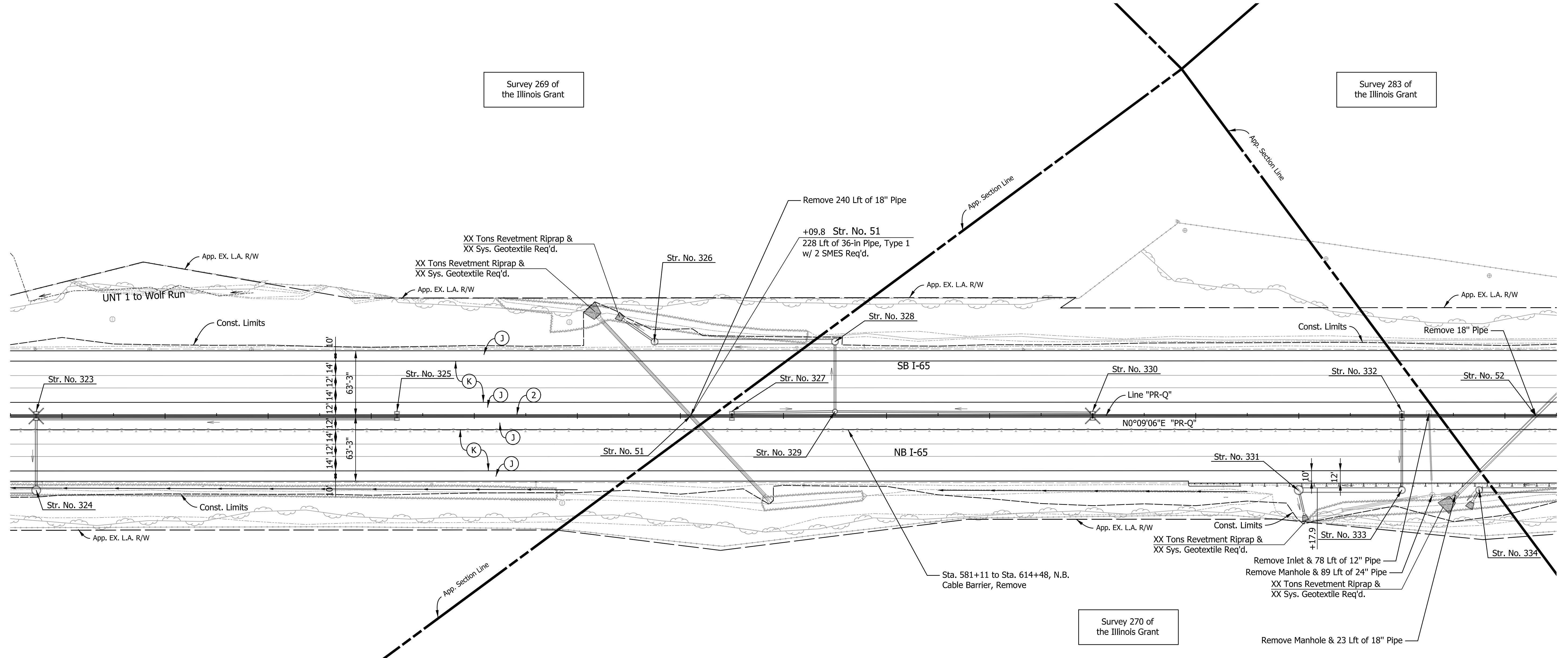
600+00



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Survey 283 of the Illinois Grant

Survey 270 of the Illinois Grant



Str. No. 323, 589+75 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
64' of 18" Type 2 Pipe Req'd.

Str. No. 324, 589+75 "PR-Q"  
Manhole Type L-4 &  
267' of 60" Type 2 Pipe Req'd.

Str. No. 325, 593+50 "PR-Q"  
Inlet Type H-5 &  
346' of 15" Type 2 Pipe Req'd.

Str. No. 326, 595+75 "PR-Q"  
Mod. Manhole Type K-4 w/ Weir  
31' of 18" Type 2 Pipe  
w/ 1 PES Req'd.

Str. No. 327, 596+50 "PR-Q"  
Inlet Type H-5 &  
96' of 18" Type 2 Pipe Req'd.

Str. No. 328, 597.50 "PR-Q"  
Manhole Type K-4 &  
169' of 48" Type 2 Pipe Req'd.

Str. No. 329, 597+50 "PR-Q"  
Manhole Type C-4 &  
63' of 18" Type 2 Pipe Req'd.

Str. No. 330, 600+00 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
246' of 15" Type 2 Pipe Req'd.

Str. No. 331, 601+99.95 "PR-Q"  
Manhole Type K-4 w/ Weir &  
17' of 15" Type 2 Pipe  
w/ 1 PES Req'd.

Str. No. 332, 603+00 "PR-Q"  
Inlet Type H-5 &  
65' of 15" Type 2 Pipe Req'd.

Str. No. 333, 603+00 "PR-Q"  
Manhole Type K-4 &  
93' of 48" Type 2 Pipe Req'd.

Str. No. 334, 603+74.9 "PR-Q"  
Manhole Type K-4 w/ Weir &  
6' of 18" Type 2 Pipe  
w/ 1 PES Req'd.

**LEGEND**

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

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
STA. 589+50.00 TO STA. 604+50.00**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N.A.	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 158 of 190
CONTRACT R-41529	PROJECT 1700135

I:\4\14\2022\11.34\37 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02.DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_15.dgn

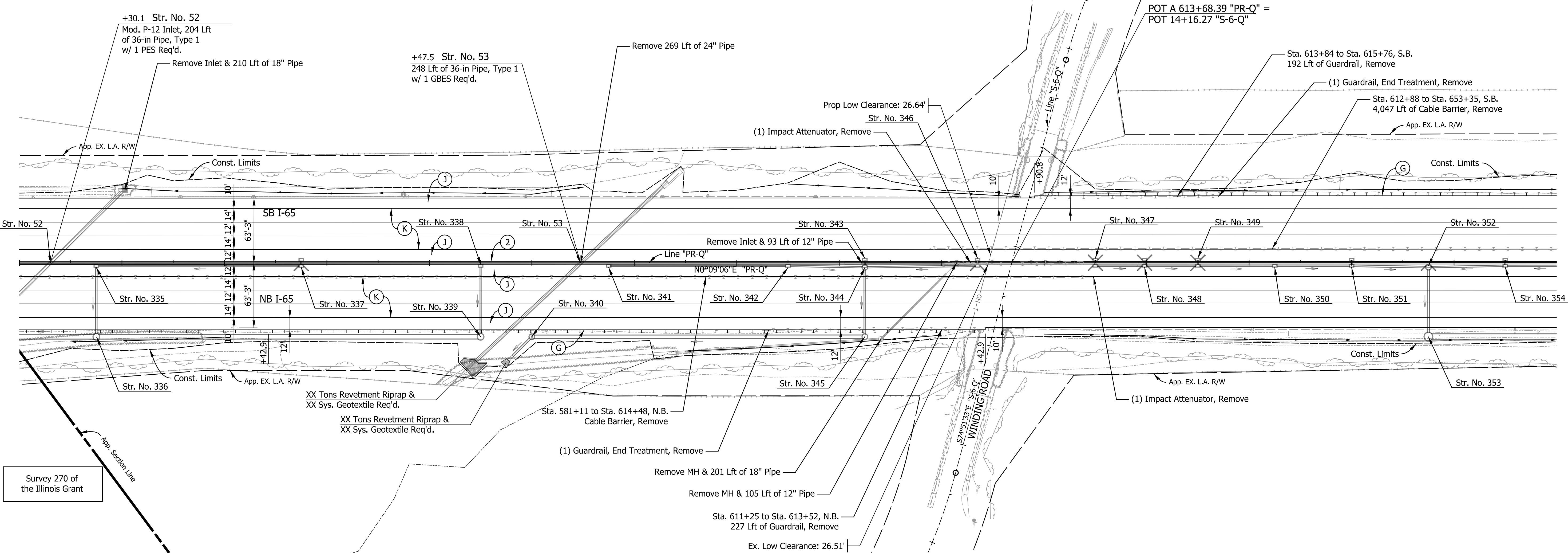


605+00

610+00

615+00

Survey 283 of the Illinois Grant



Survey 270 of the Illinois Grant

Str. No. 335, 604+75 "PR-Q" Inlet Type HA-5 & 65' of 15" Type 2 Pipe Req'd.	Str. No. 336, 604+75 "PR-Q" Manhole Type K-4 & 94' of 48" Type 2 Pipe Req'd.	Str. No. 337, 606+75 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 196' of 15" Type 2 Pipe Req'd.	Str. No. 338, 608+50 "PR-Q" Inlet Type HA-5 & 65' of 12" Type 2 Pipe Req'd.	Str. No. 339, 608+50 "PR-Q" Manhole Type K-4 & 369' of 48" Type 2 Pipe Req'd.	Str. No. 340, 609+00 "PR-Q" Mod. Manhole Type J-4 w/ Weir 24' of 18" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 341, 609+75 "PR-Q" Inlet Type HA-5 & 171' of 12" Type 2 Pipe Req'd.
Str. No. 342, 611+50 "PR-Q" Inlet Type HA-5 & 70' of 15" Type 2 Pipe Req'd.	Str. No. 343, 612+25 "PR-Q" Inlet Type H-5 & 4' of 12" Type 2 Pipe Req'd.	Str. No. 344, 612+25 "PR-Q" Mod. Manhole J-5 & 63' of 18" Type 2 Pipe Req'd.	Str. No. 345, 612+25 "PR-Q" Manhole Type J-4 & 320' of 36" Type 2 Pipe Req'd.	Str. No. 346, 613+35 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 106' of 15" Type 2 Pipe Req'd.	Str. No. 347, 614+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 44' of 15" Type 2 Pipe Req'd.	Str. No. 348, 614+98 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 48' of 15" Type 2 Pipe Req'd.
Str. No. 349, 615+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 71' of 15" Type 2 Pipe Req'd.	Str. No. 350, 616+25 "PR-Q" Inlet Type HA-5 & 71' of 15" Type 2 Pipe Req'd.	Str. No. 351, 617+00 "PR-Q" Inlet Type H-5 & 71' of 18" Type 2 Pipe Req'd.	Str. No. 352, 613+35 "PR-Q" Mod. Manhole Type J-5 w/ Slotted Drain & 61' of 24" Type 2 Pipe Req'd.	Str. No. 353, 617+74.9 "PR-Q" Manhole Type L-4 & 357' of 60" Type 2 Pipe Req'd.	Str. No. 354, 618+50 "PR-Q" Inlet Type H-5 & 71' of 18" Type 2 Pipe Req'd.	

**LEGEND**

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

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

INDIANA  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL  
STA. 604+00.00 TO STA. 619+00.00

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	159 of 190
CONTRACT	PROJECT
R-41529	1700135

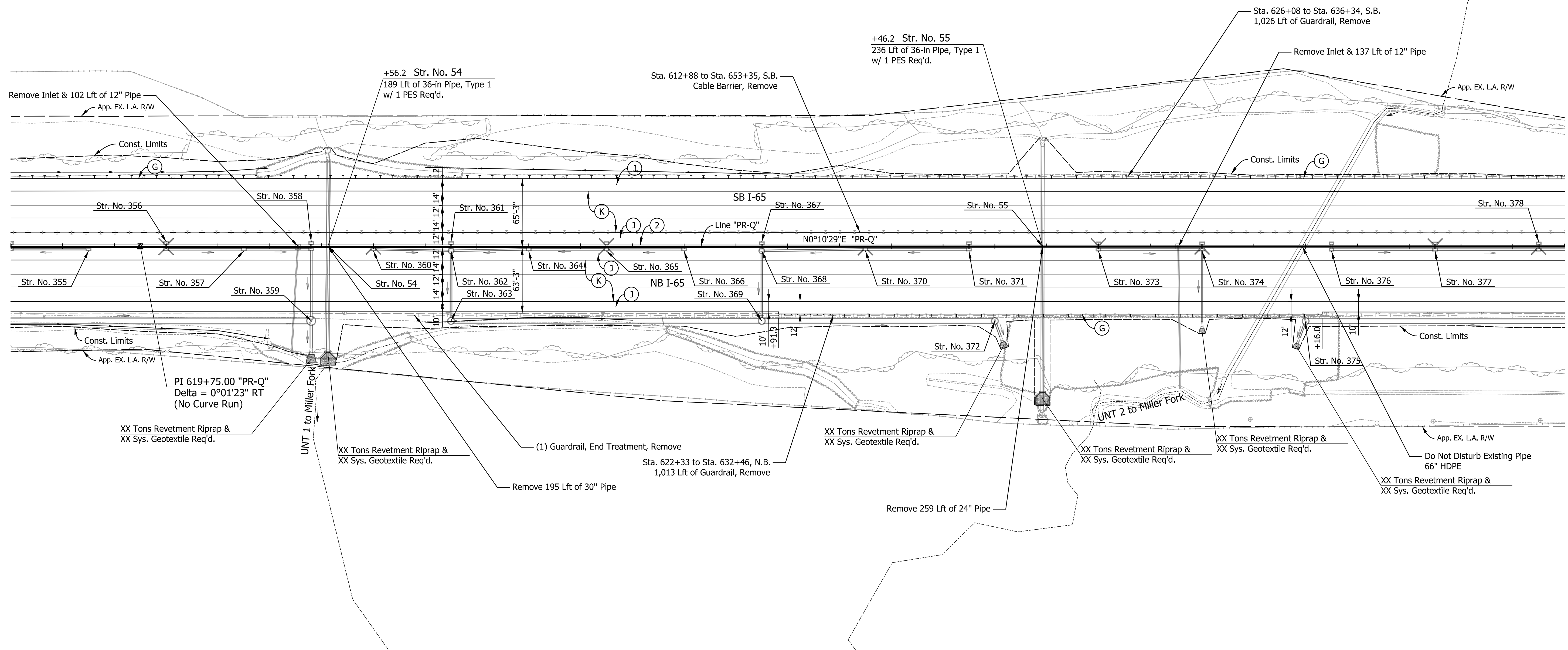
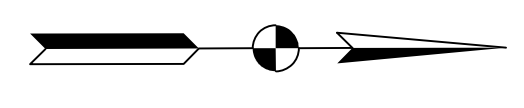
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620+00

625+00

630+00

Survey 283 of the Illinois Grant



Str. No. 355, 619+25+50 "PR-Q" Inlet Type HA-5 & 71' of 12" Type 2 Pipe Req'd.	Str. No. 356, 620+00 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 71' of 15" Type 2 Pipe Req'd.	Str. No. 357, 620+75 "PR-Q" Inlet Type HA-5 & 61' of 15" Type 2 Pipe Req'd.	Str. No. 358, 621+40 "PR-Q" Inlet Type H-5 & 64' of 18" Type 2 Pipe Req'd.	Str. No. 359, 621+40 "PR-Q" Manhole Type L-4 w/ Weir & 22' of 24" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 360, 622+00 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 71' of 12" Type 2 Pipe Req'd.
Str. No. 361, 622+75 "PR-Q" Inlet Type HA-5 & 4' of 12" Type 2 Pipe Req'd.	Str. No. 362, 622+75 "PR-Q" Mod. Manhole Type J-5 & 62' of 18" Type 2 Pipe Req'd.	Str. No. 363, 622+75 "PR-Q" Mod. Manhole Type K-4 & 294' of 48" Type 2 Pipe Req'd.	Str. No. 364, 623+50 "PR-Q" Inlet Type HA-5 & 71' of 15" Type 2 Pipe Req'd.	Str. No. 365, 624+25 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 71' of 15" Type 2 Pipe Req'd.	Str. No. 366, 625+00 "PR-Q" Inlet Type HA-5 & 71' of 12" Type 2 Pipe Req'd.
Str. No. 367, 625+75 "PR-Q" Inlet Type HA-5 & 4' of 12" Type 2 Pipe Req'd.	Str. No. 368, 625+75 "PR-Q" Mod. Manhole Type J-5 & 62' of 15" Type 2 Pipe Req'd.	Str. No. 369, 625+75 "PR-Q" Manhole Type K-4 & 219' of 48" Type 2 Pipe Req'd.	Str. No. 370, 626+25 "PR-Q" Inlet Type HA-5 w/ Slotted Drain & 96' of 15" Type 2 Pipe Req'd.	Str. No. 371, 627+75 "PR-Q" Inlet Type H-5 & 96' of 15" Type 2 Pipe Req'd.	Str. No. 372, 628+00 "PR-Q" Mod. Manhole Type K-4 w/ Weir 13' of 18" Type 2 Pipe w/ 1 PES Req'd.
Str. No. 373, 629+00 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 96' of 15" Type 2 Pipe Req'd.	Str. No. 374, 630+00 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 69' of 15" Type 2 Pipe Req'd.	Str. No. 375, 631+00 "PR-Q" Mod. Manhole Type K-4 w/ Weir 14' of 15" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 376, 631+25 "PR-Q" Inlet Type H-5 & 96' of 15" Type 2 Pipe Req'd.	Str. No. 377, 632+25 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 96' of 15" Type 2 Pipe Req'd.	Str. No. 378, 633+25 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 96' of 15" Type 2 Pipe Req'd.

Notes:  
Line "PR-Q" to be Constructed.

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

I:\4\14\2022\11.34\38 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02 DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_17.dgn

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

INDIANA DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION DETAIL STA. 618+50.00 TO STA. 633+50.00	

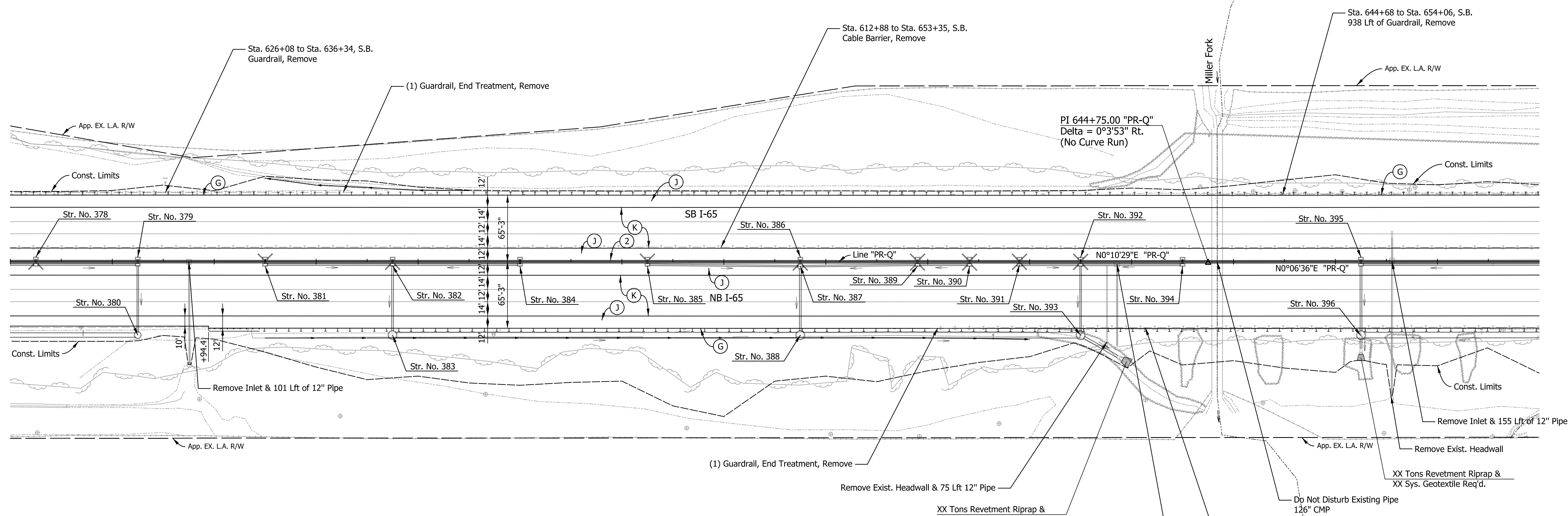
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	160 of 190
CONTRACT	PROJECT
R-41529	1700135

635+00

640+00

645+00

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Str. No. 378, 633+25 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 96' of 15" Type 2 Pipe Req'd.	Str. No. 379, 634+25 "PR-Q" Inlet Type H-5 & 65' of 15" Type 2 Pipe Req'd.	Str. No. 380, 634+25 "PR-Q" Manhole Type K-4 & 319' of 48" Type 2 Pipe Req'd.	Str. No. 381, 635+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 121' of 15" Type 2 Pipe Req'd.	Str. No. 382, 636+75 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 64' of 18" Type 2 Pipe Req'd.	Str. No. 383, 636+75 "PR-Q" Manhole Type L-4 & 392' of 60" Type 2 Pipe Req'd.
Str. No. 384, 638+00 "PR-Q" Inlet Type H-5 & 121' of 15" Type 2 Pipe Req'd.	Str. No. 385, 639+25 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 146' of 15" Type 2 Pipe Req'd.	Str. No. 386, 640+75 "PR-Q" Inlet Type H-5 & 4' of 12" Type 2 Pipe Req'd.	Str. No. 387, 640+75 "PR-Q" Mod. Manhole Type J-5 w/ Slotted Drain & 61' of 18" Type 2 Pipe Req'd.	Str. No. 388, 640+75 "PR-Q" Manhole Type L-4 & 267' of 60" Type 2 Pipe Req'd.	Str. No. 389, 641+90 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 111' of 15" Type 2 Pipe Req'd.
Str. No. 390, 642+41 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 47' of 15" Type 2 Pipe Req'd.	Str. No. 391, 642+90 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 56' of 15" Type 2 Pipe Req'd.	Str. No. 392, 643+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 64' of 15" Type 2 Pipe Req'd.	Str. No. 393, 643+50 "PR-Q" Mod. Manhole Type L-4 w/ Weir 38' of 24" Type 2 Pipe Pipe w/ 1 PES Req'd.	Str. No. 394, 644+50 "PR-Q" Inlet Type H-5 & 96' of 15" Type 2 Pipe Req'd.	Str. No. 395, 646+50 "PR-Q" Inlet Type H-5 & 64' of 18" Type 2 Pipe Req'd.
Str. No. 396, 646+25 "PR-Q" Mod. Manhole Type L-4 w/ Weir 9' of 18" Type 2 Pipe w/ 1 PES Req'd.					

**LEGEND**

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

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
STA. 633+00.00 TO STA. 648+00.00**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE N.A.	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 161 of 190
CONTRACT R-41529	PROJECT 1700135

I:\414\2022\11.34\39 AM\1\_P\200035 - 165 ATL\09Road\04 Design files\02\_DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_18.dgn

650+00

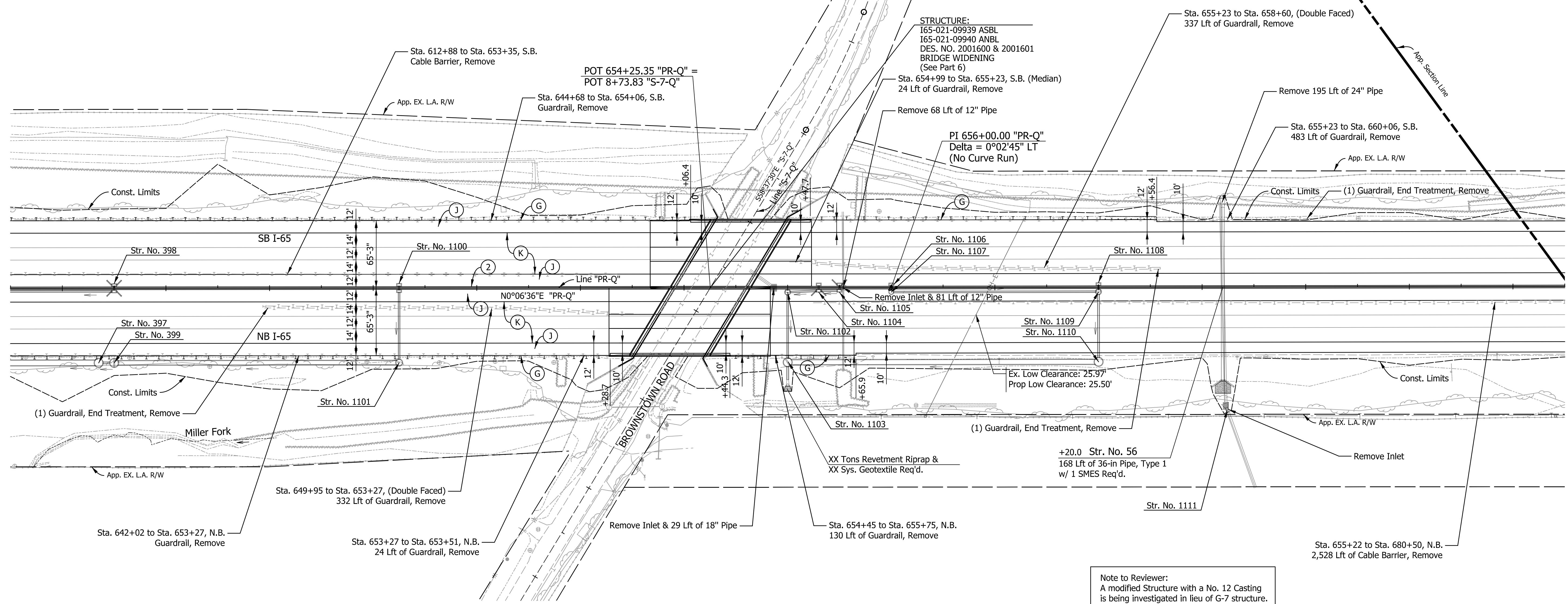
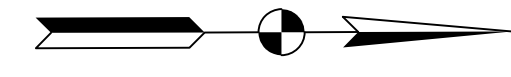
655+00

660+00

Survey 283 of the Illinois Grant

Survey 283 of the Illinois Grant

Survey 31 of the Illinois Grant



Note to Reviewer:  
 A modified Structure with a No. 12 Casting is being investigated in lieu of G-7 structure.

- Str. No. 397, 648+35 "PR-Q"  
Mod. Manhole Type L-4 &  
202' of 60" Type 2 Pipe Req'd.
- Str. No. 398, 648+50 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
221' of 15" Type 2 Pipe Req'd.
- Str. No. 399, 648+50 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir  
7' of 18" Type 2 Pipe Req'd.
- Str. No. 1100, 651+25 "PR-Q"  
Inlet Type H-5 &  
65' of 15" Type 2 Pipe Req'd.
- Str. No. 1101, 651+25 "PR-Q"  
Manhole Type K-4 &  
268' of 48" Type 2 Pipe Req'd.
- Str. No. 1102, 655+00 "PR-Q"  
Mod. Manhole Type J-5 &  
61' of 15" Type 2 Pipe Req'd.
- Str. No. 1103, 655+00 "PR-Q"  
Mod. Manhole Type L-4 w/ Weir  
13' of 18" Type 2 Pipe  
w/ 1 PES Req'd.
- Str. No. 1104, 655+30 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
26' of 15" Type 2 Pipe Req'd.
- Str. No. 1105, 655+50 "PR-Q"  
Inlet Type H-5  
w/ Slotted Drain &  
16' of 15" Type 2 Pipe Req'd.
- Str. No. 1106, 656+00 "PR-Q"  
Inlet Type HA-5 &  
4' of 12" Type 2 Pipe Req'd.
- Str. No. 1107, 656+00 "PR-Q"  
Manhole Type C-4 &  
196' of 15" Type 2 Pipe Req'd.
- Str. No. 1108, 658+00 "PR-Q"  
Inlet Type HA-5 &  
4' of 12" Type 2 Pipe Req'd.
- Str. No. 1109, 658+00 "PR-Q"  
Mod. Manhole Type J-5 &  
61' of 18" Type 2 Pipe Req'd.
- Str. No. 1110, 658+00 "PR-Q"  
Manhole Type L-4 &  
292' of 54" Type 2 Pipe Req'd.
- Str. No. 1111, 659+23 "PR-Q"  
4' of 30" Pipe Extension &  
1 PES Req'd.

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

I:\4\14\2022\11.34.40 AM\1\_P:\200035 - 165 ATL\09Road\04 Design files\02\_DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_19.dgn

Notes:  
 Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

**INDIANA  
 DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
 STA. 647+50.00 TO STA. 662+50.00**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	162 of 190
CONTRACT	PROJECT
R-41529	1700135

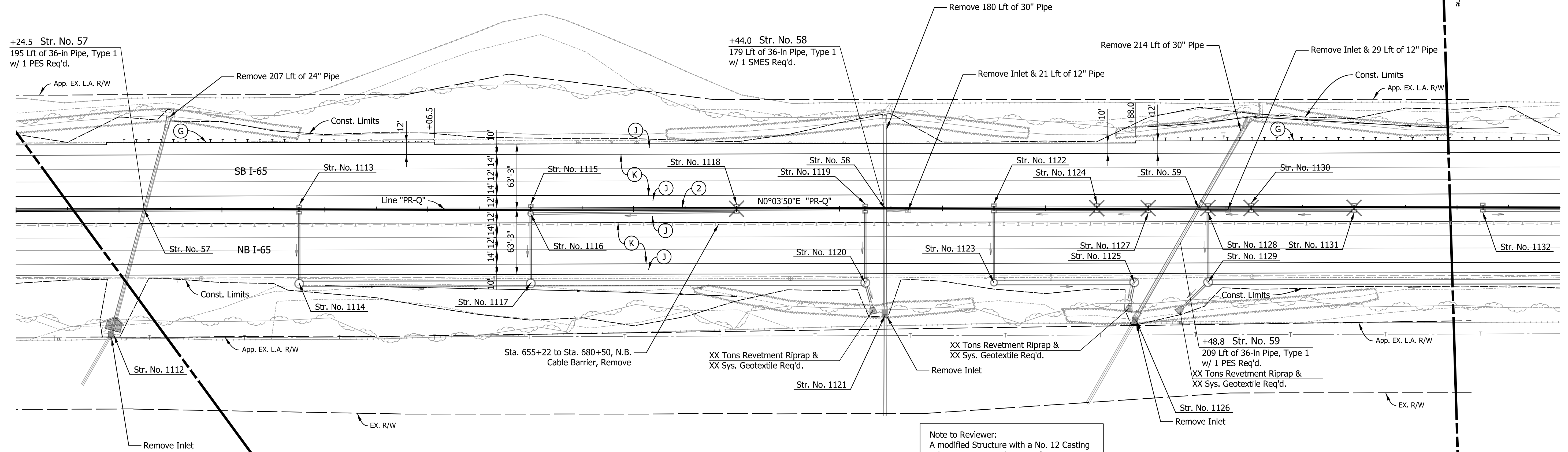
665+00

670+00

675+00

Survey 31 of the Illinois Grant

Survey 30 of the Illinois Grant



Survey 283 of the Illinois Grant

Str. No. 1113, 664+75 "PR-Q" Inlet Type H-5 & 64' of 15" Type 2 Pipe Req'd.	Str. No. 1114, 664+75 "PR-Q" Manhole Type L-4 & 217' of 54" Type 2 Pipe Req'd.	Str. No. 1115, 667+00 "PR-Q" Inlet Type HA-5 & 4' of 12" Type 2 Pipe Req'd.	Str. No. 1116, 667+00 "PR-Q" Mod. Manhole Type J-5 & 61' of 15" Type 2 Pipe Req'd.	Str. No. 1117, 667+00 "PR-Q" Manhole Type L-4 & 317' of 54" Type 2 Pipe Req'd.
Str. No. 1118, 669+00 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 196' of 15" Type 2 Pipe Req'd.	Str. No. 1119, 670+25 "PR-Q" Inlet Type H-5 & 64' of 15" Type 2 Pipe Req'd.	Str. No. 1120, 670+25 "PR-Q" Mod. Manhole Type L-4 w/ Weir 15' of 18" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 1121, 670+44 "PR-Q" Mod. G.B.E.S. & 5' of 30" Pipe Extension Req'd.	Str. No. 1122, 671+50 "PR-Q" Inlet Type H-5 & 65' of 15" Type 2 Pipe Req'd.
Str. No. 1123, 671+50 "PR-Q" Manhole Type K-4 & 129' of 48" Type 2 Pipe Req'd.	Str. No. 1124, 672+50 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 96' of 15" Type 2 Pipe Req'd.	Str. No. 1125, 672+86.7 "PR-Q" Mod. Manhole Type L-4 w/ Weir 13' of 18" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 1126, 672+48 "PR-Q" Mod. G.B.E.S. Req'd.	Str. No. 1127, 673+00 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 46' of 15" Type 2 Pipe Req'd.
Str. No. 1112, 662+92 "PR-Q" 1 PES Req'd.	Str. No. 1128, 673+58 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 64' of 18" Type 2 Pipe Req'd.	Str. No. 1129, 673+58 "PR-Q" Mod. Manhole Type L-4 w/ Weir 26' of 18" Type 2 Pipe w/ 1 PES Req'd.	Str. No. 1130, 674+00 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 38' of 15" Type 2 Pipe Req'd.	Str. No. 1131, 675+00 "PR-Q" Inlet Type H-5 w/ Slotted Drain & 96' of 15" Type 2 Pipe Req'd.

Note to Reviewer:  
A modified Structure with a No. 12 Casting  
is being investigated in lieu of G-7 structure.

LEGEND

- (K) Full-Depth HMA Pavement (See Typical Sections)
- (J) Full-Depth HMA Pavement, Shoulders (See Typical Sections)
- (G) MGS W-Beam Guardrail
- (M) Milling, Asphalt, X.X"
- (D) Compacted Aggregate, No. 53
- (R) xxx lbs/syd QC/QA-HMA, x, xx, Surface, x.x mm
- (U) Underdrain (See Underdrain Details)
- (2) Concrete Median Barrier, 45"
- (4) Milled HMA Corrugations
- (27) Seed Mixture, R

I:\4\14\2022\11.34\41 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02\_DGN\Plans\200035\_09\_Sht\_Line\_Q\_Const\_Detail\_20.dgn

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

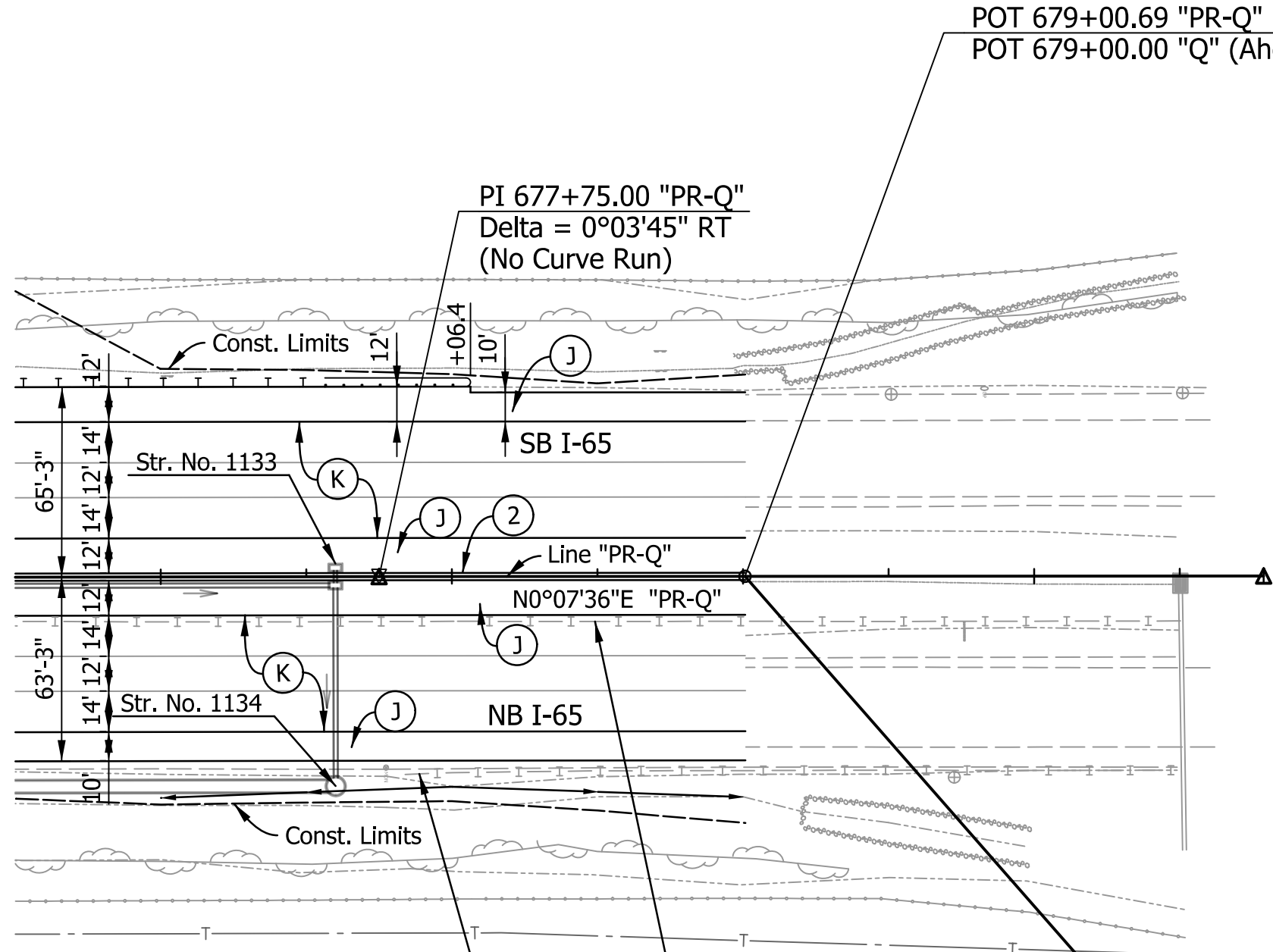
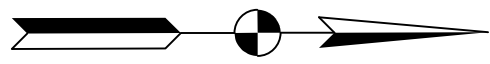
INDIANA  
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAIL  
STA. 662+00.00 TO STA. 677+00.00

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	163 of 190
CONTRACT	PROJECT
R-41529	1700135

Survey 30 of  
the Illinois Grant

680+00



Sta. 655+22 to Sta. 680+50, N.B.  
Cable Barrier, Remove

(1) Guardrail, End Treatment, Remove

PROJECT 1700135  
END SEGMENT 1  
BEGIN SEGMENT 2  
EQUATION:  
STA: 679+00.69 "PR-Q" (BK)  
STA: 679+00.00 "Q" (AH)

Str. No. 1133, 677+60 "PR-Q"  
Inlet Type H-5 &  
65' of 15" Type 2 Pipe Req'd.

Str. No. 1134, 677+60 "PR-Q"  
Manhole Type K-4 &  
395' of 48" Type 2 Pipe Req'd.

**LEGEND**

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

Notes:  
Line "PR-Q" to be Constructed.

RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: AMD	DRAWN: JJP	
CHECKED: DJG	CHECKED: DJG	

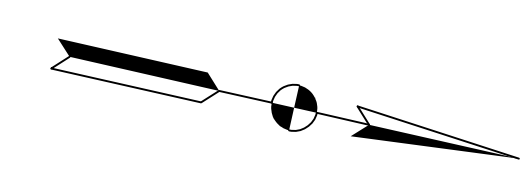
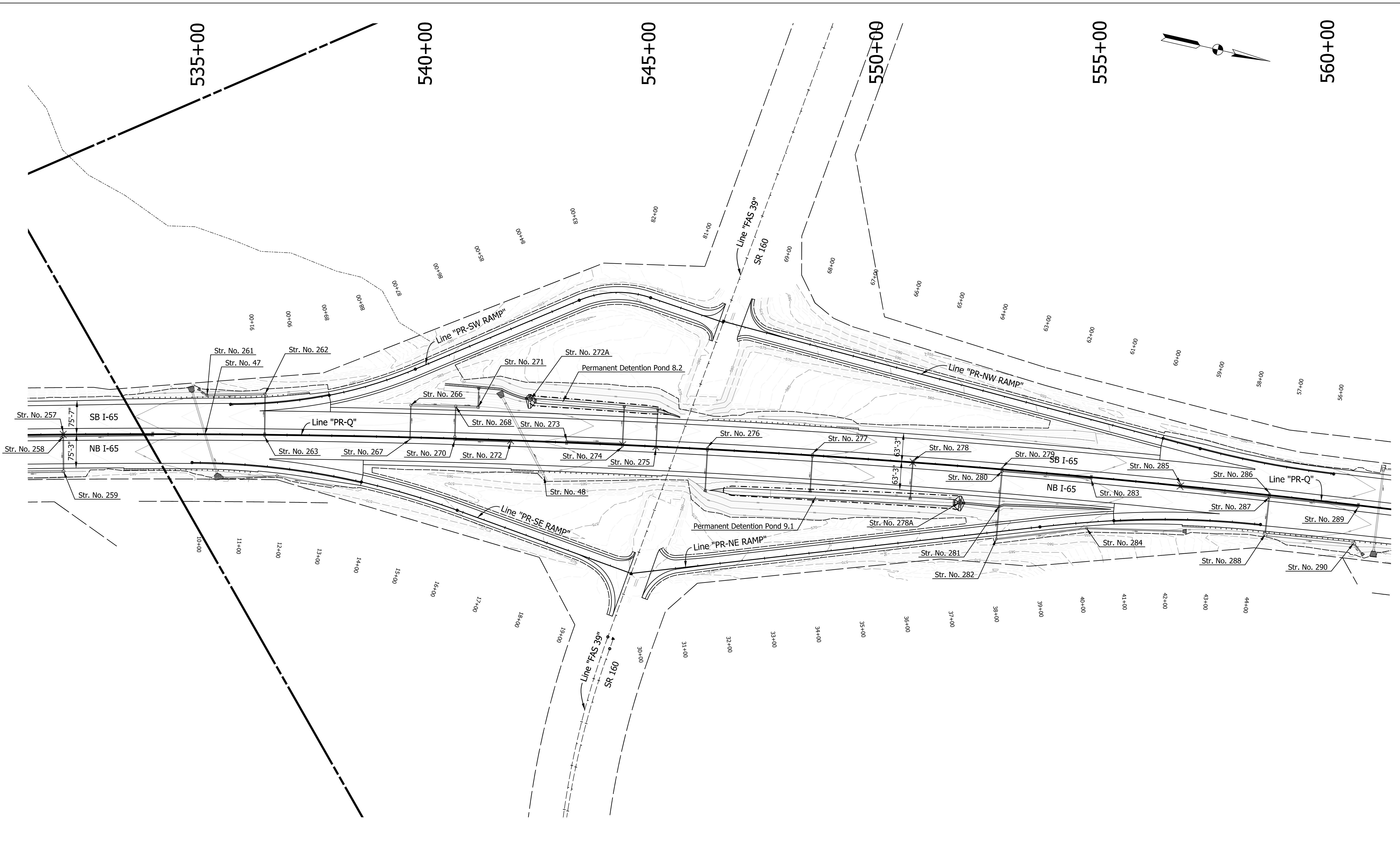
**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAIL  
STA. 676+50.00 TO STA. 679+00.69**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N.A.	1700135
SURVEY BOOK	SHEETS
Electronic	164 of 190
CONTRACT	PROJECT
R-41529	1700135

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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: AMD _____	DRAWN: JJP _____	
CHECKED: DJG _____	CHECKED: DJG _____	

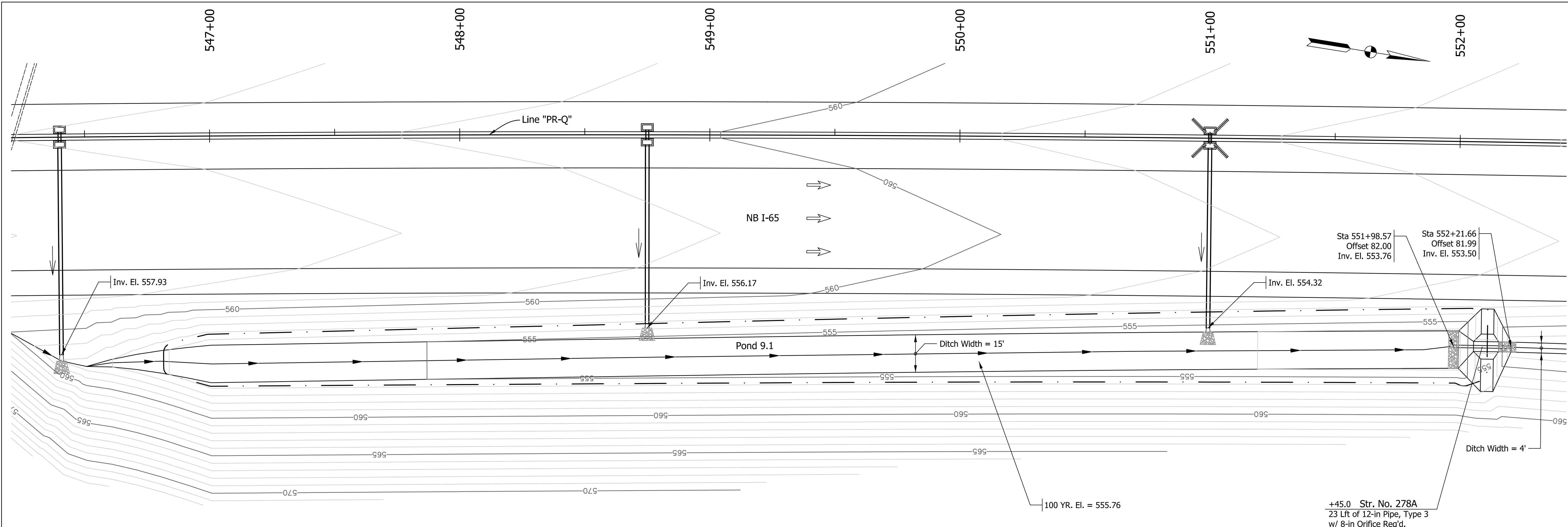
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DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAIL SR 160 INTERCHANGE  
STA. 534+00.00 TO STA. 560+00.00**

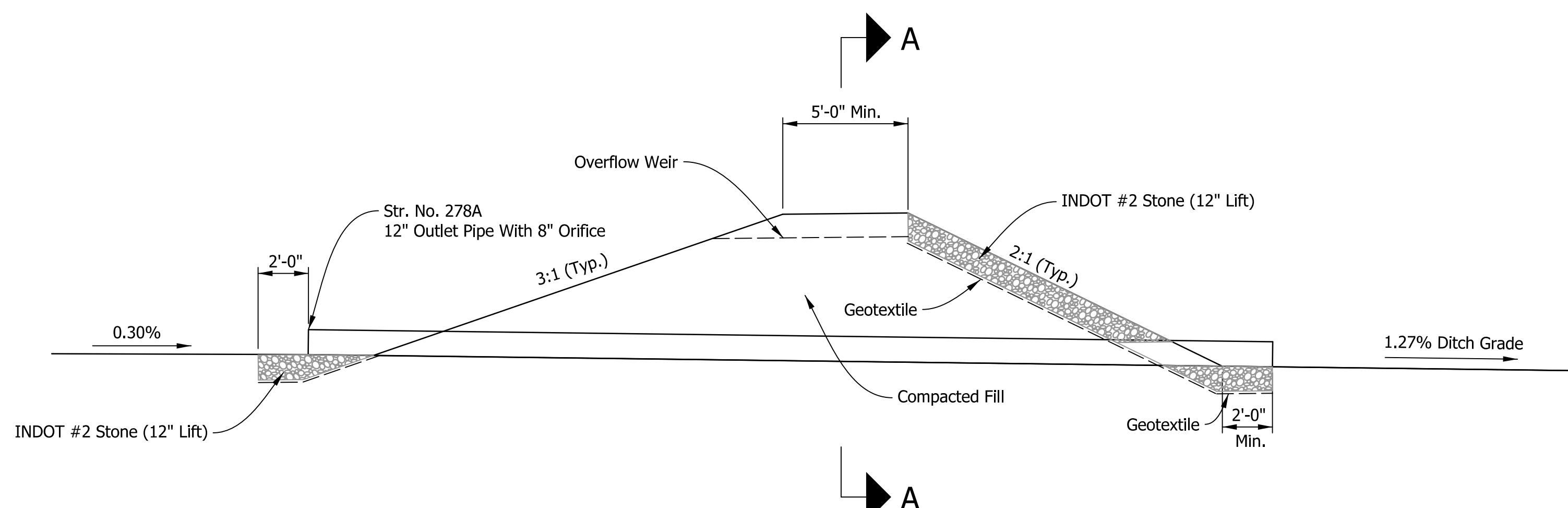
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VERTICAL SCALE N.A.	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 165 of 190
CONTRACT R-41529	PROJECT 1700135



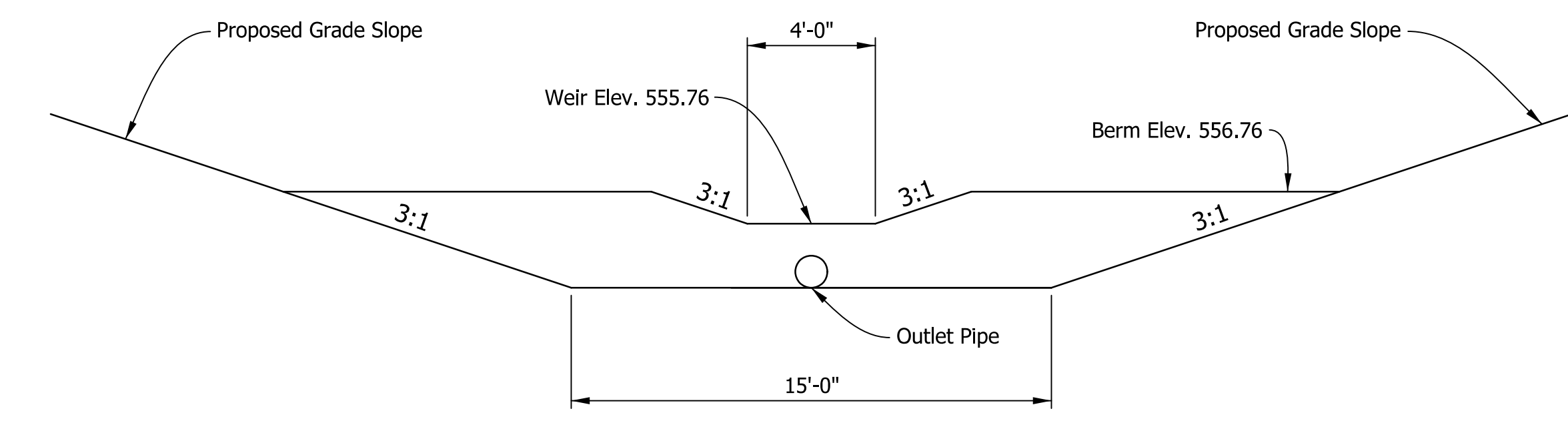




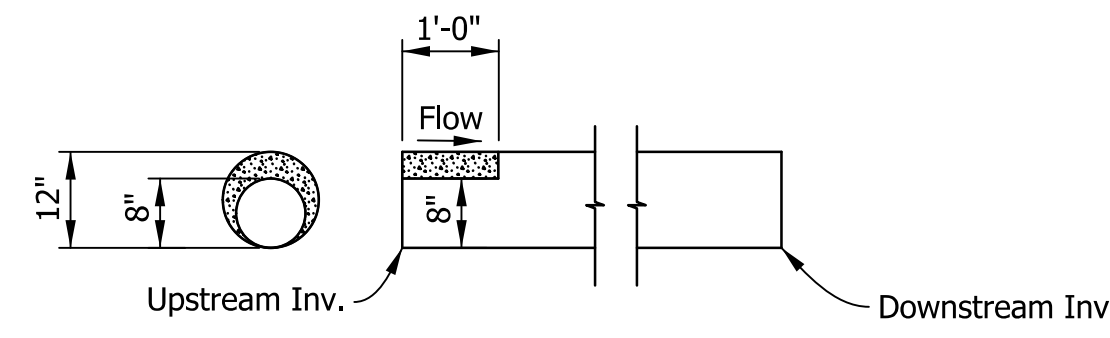
**PLAN VIEW**  
AS NOTED



**PROFILE VIEW**  
NOT TO SCALE



**SECTION A-A**  
NOT TO SCALE



**STR. No. 278A DETAIL**  
NOT TO SCALE

**ROADSIDE DITCH STORMWATER DETENTION BERM DETAILS**

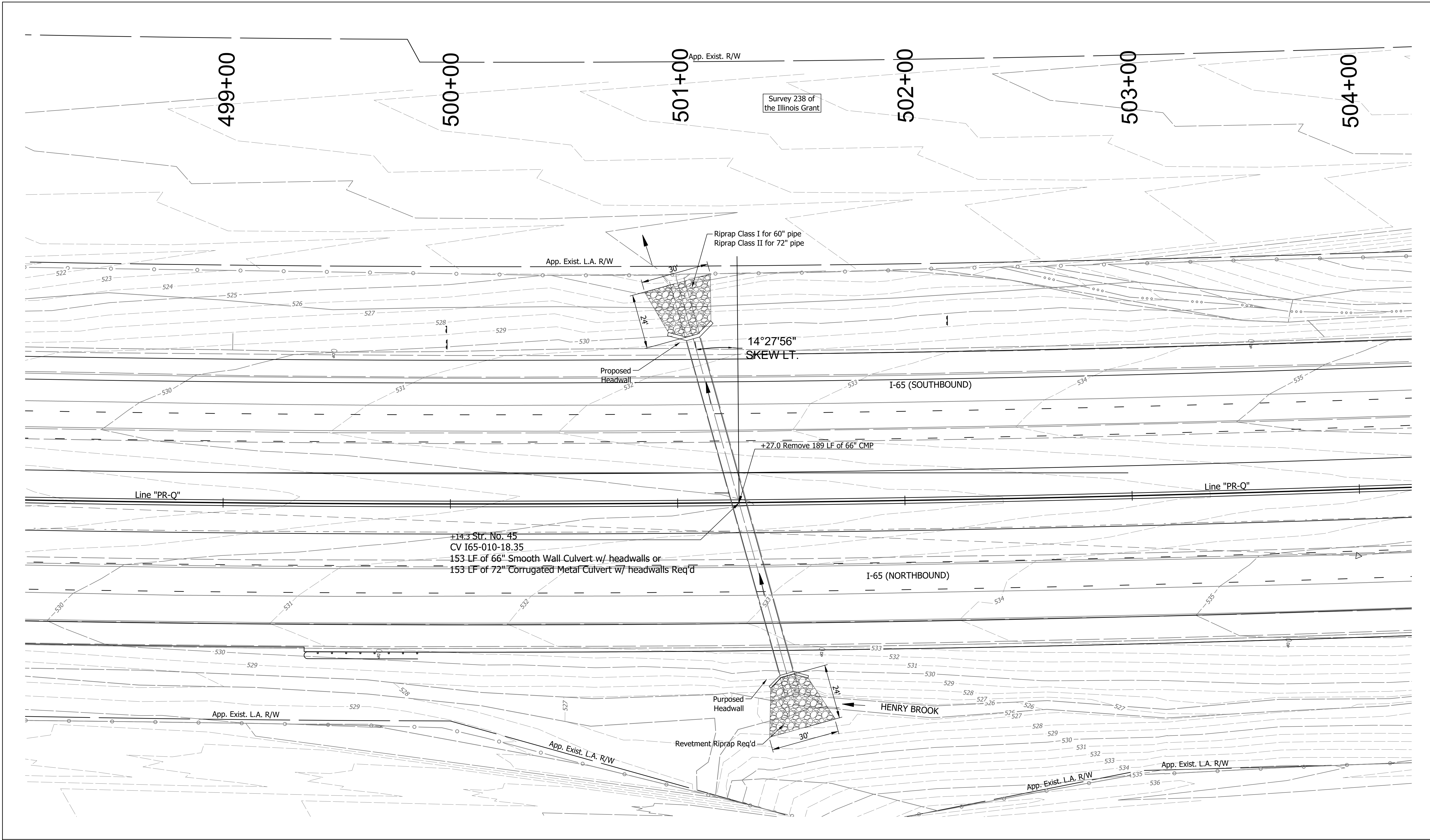
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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: AMD _____	DRAWN: JJP _____	
CHECKED: DJG _____	CHECKED: DJG _____	

<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	
<b>DETENTION POND DETAILS POND 9.1</b>	

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE N.A.	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 167 of 190
CONTRACT R-41529	PROJECT 1700135

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 DATE: Nov 30, 2021 - 11:05am

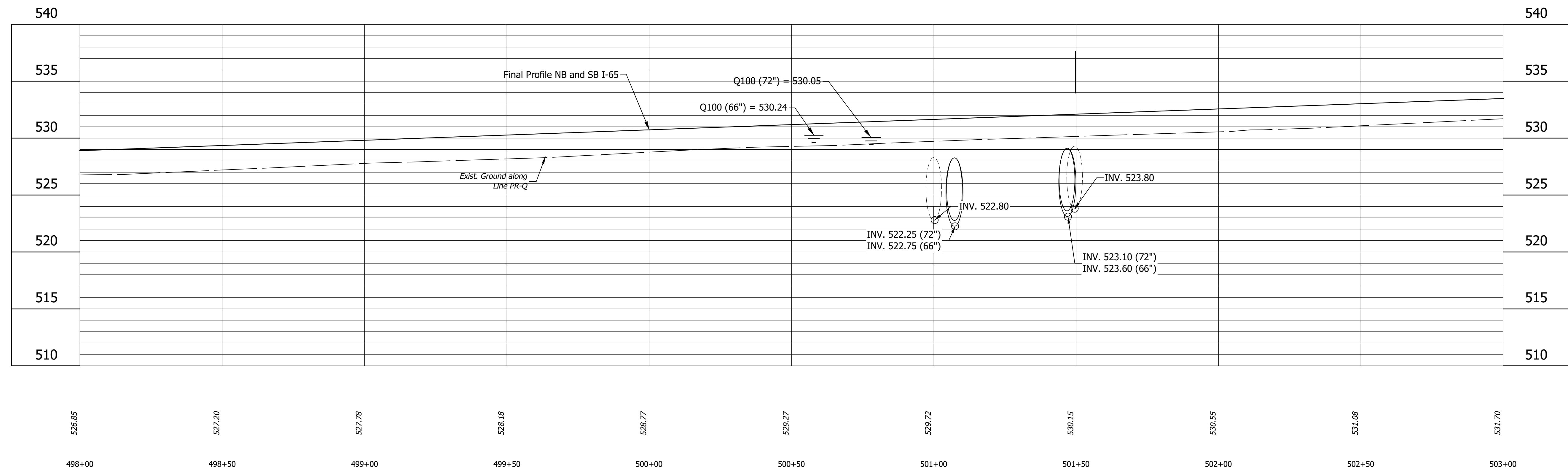


**LEGEND**  
 (25) MULCHED SEEDING, TYPE "R"

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

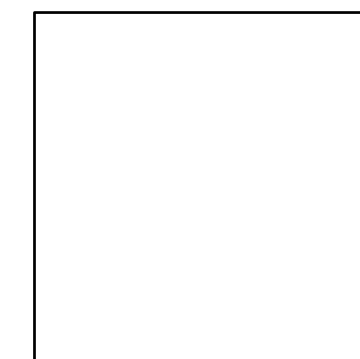
**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PLAN**  
**STR. # CV I65-010-18.35**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2001599
SURVEY BOOK	SHEETS
	168 of 190
CONTRACT	PROJECT
R-41529	2001599



Henry Brook

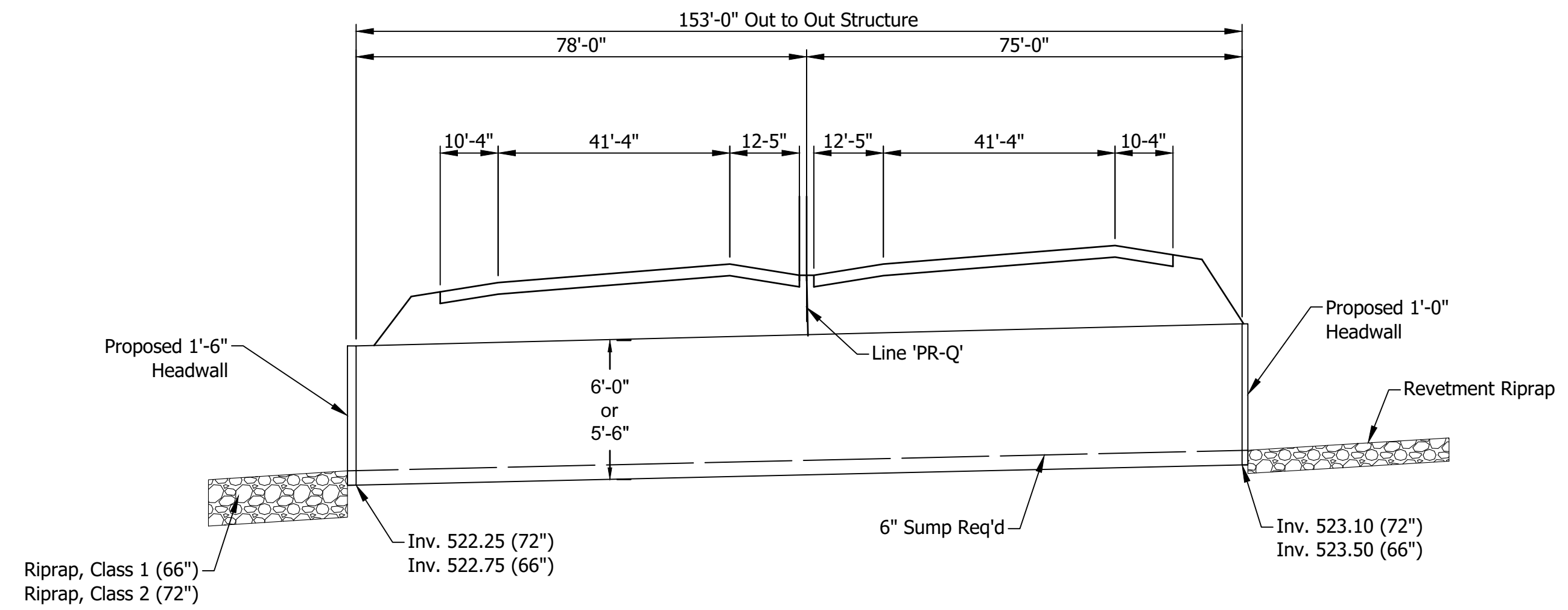
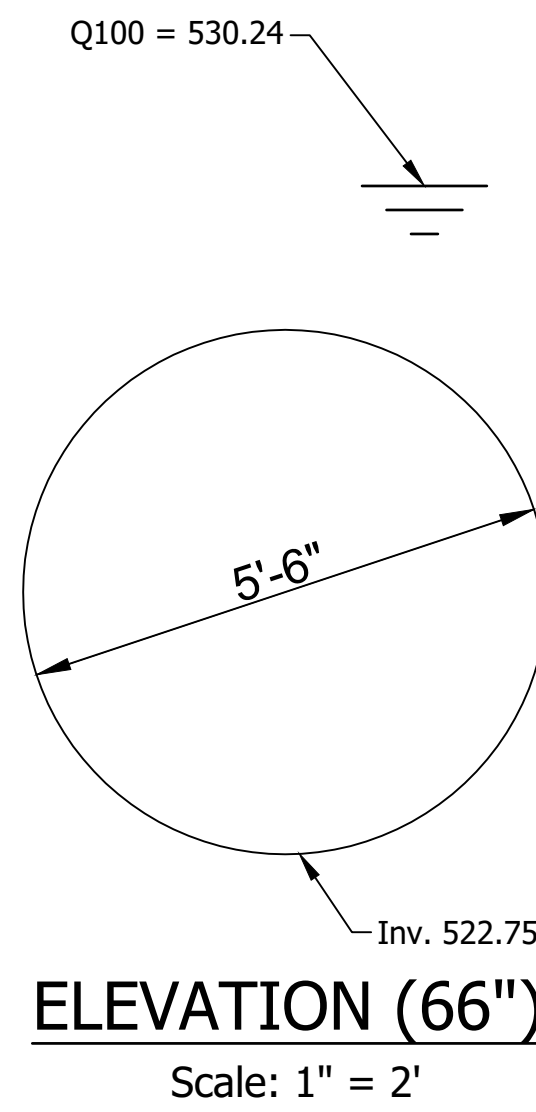
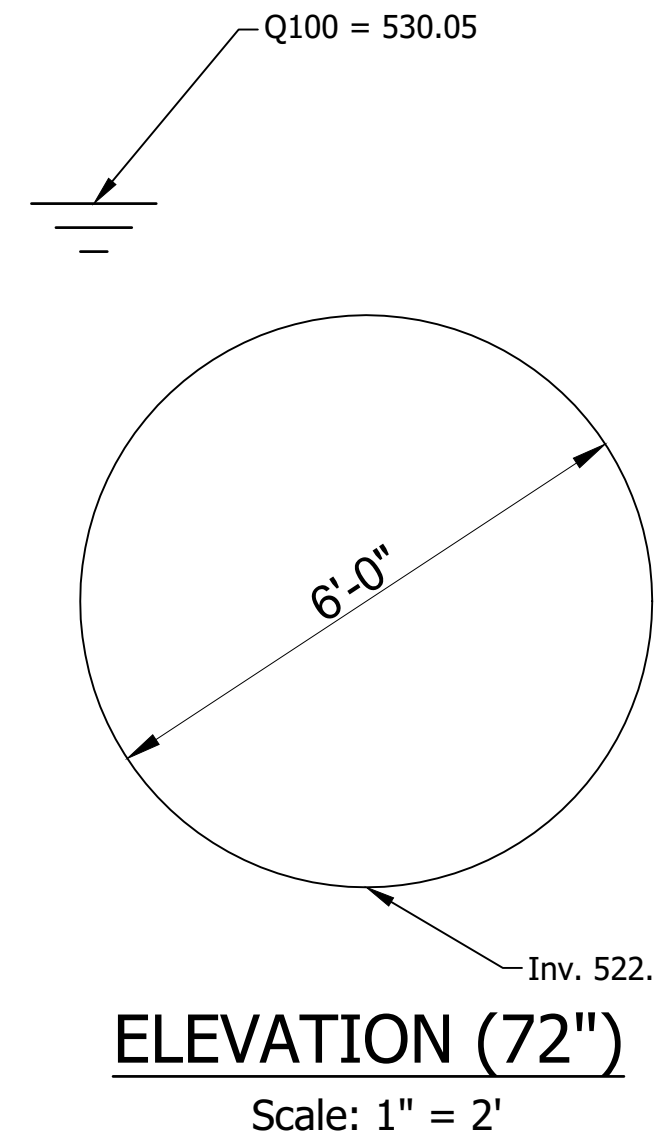
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 PLOTTED BY: JBlack  
 DATE: Nov 30, 2021 - 11:05am



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

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PROFILE LINE "PR-Q"**  
**STR. # CV I65-010-18.35**

HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 5'	DESIGNATION 2001599
SURVEY BOOK	SHEETS 169 of 190
CONTRACT R-41529	PROJECT 2001599



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

**HYDRAULIC DATA TABLE**

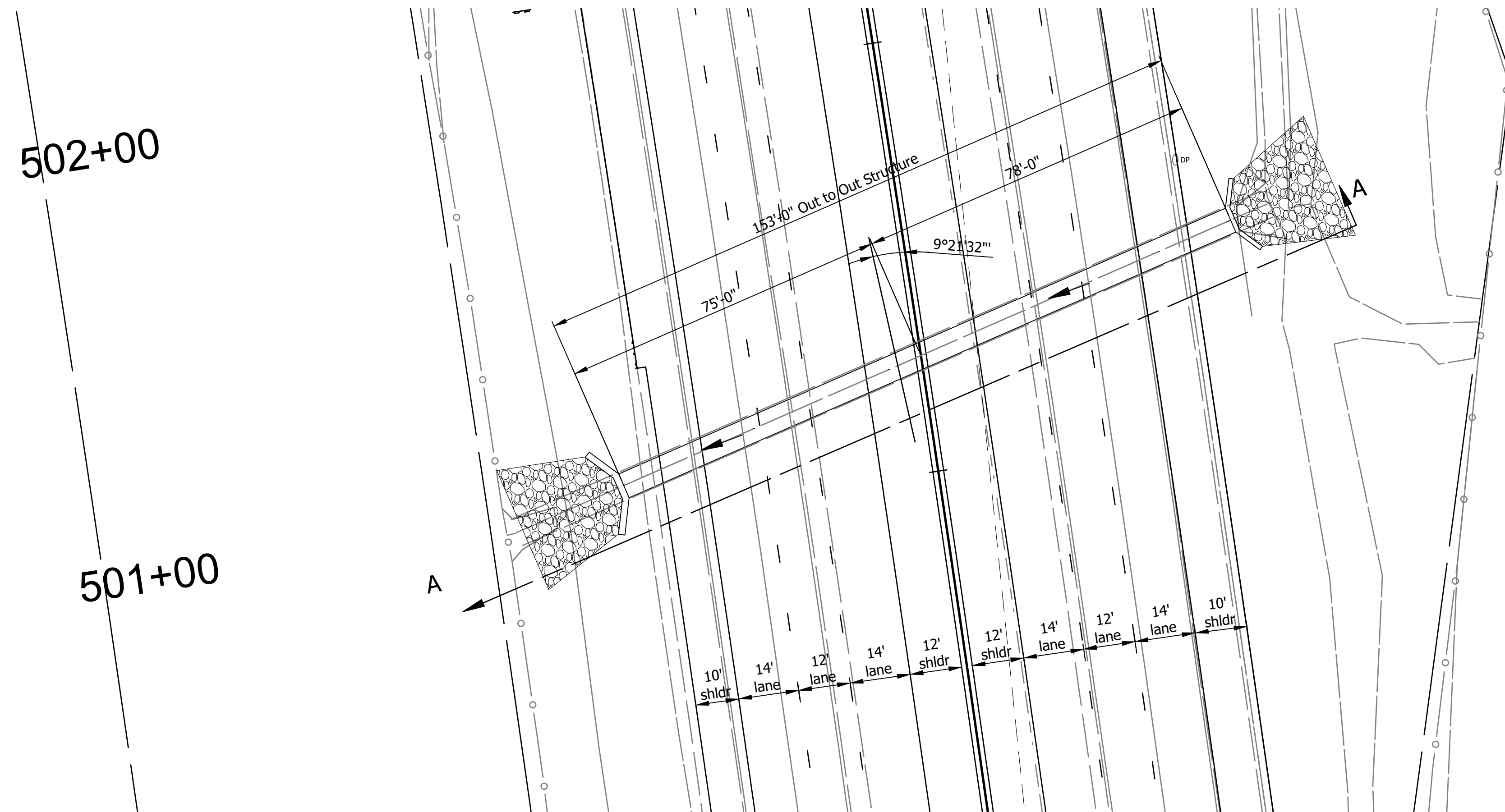
ITEM	UNIT	PROPOSED STRUCTURE
DRAINAGE AREA	Acres	123.10
Q100 DISCHARGE	cfs	178.00
Q100 ELEVATION	ft	530.24 (66")/530.05 (72")
Q100 BACKWATER	ft	2.71 (66")/2.52 (72")
Q50 VELOCITY	ft/sec	9.7 (66")/9.3 (72")
WATERWAY OPENING BELOW Q100	Sft	23.75 (66")/28.26 (72")
MIN. LOW STR. ELEV.	ft	527.75 (66")/528.25 (72")

**NOTES:**

- Structure shall be sumped 0'-6" below 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.



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

72" DIA. CORRUGATED PIPE, OPEN TRENCH INSTALL, 6" SUMP REQ'D  
STA. 501+07.10 LINE "PR-Q" 14°27'56" SKEW LT.

66" DIA. SMOOTH WALL PIPE, OPEN TRENCH INSTALL, 6" SUMP REQ'D  
STA. 501+07.10 LINE "PR-Q" 14°2'56" SKEW LT.

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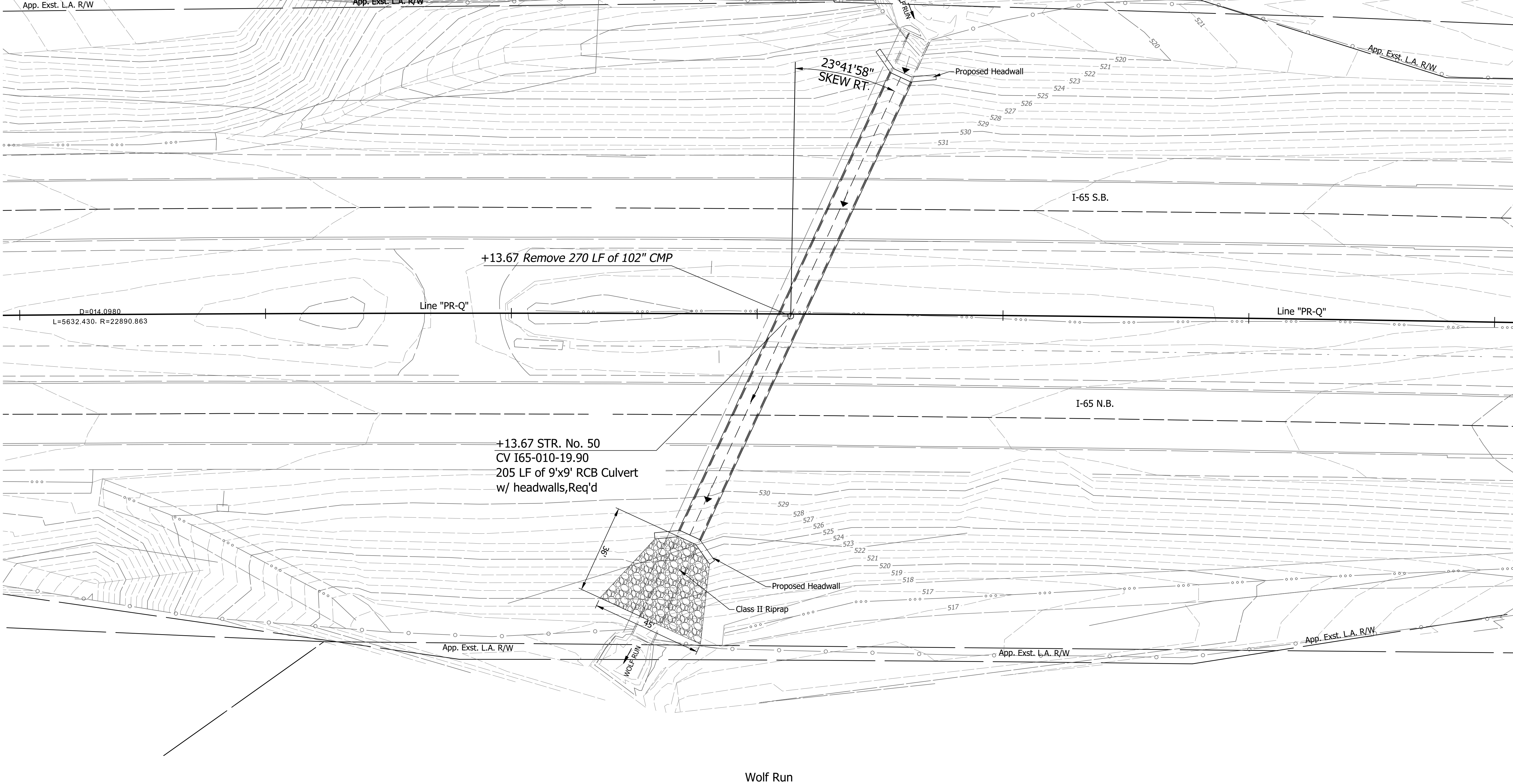
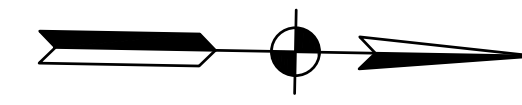
RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: JTE	DRAWN: TWS	
CHECKED: MAH	CHECKED: JTE	

<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	
<b>PIPE DETAIL</b>	
STR. # CV I65-010-18.35	

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
AS NOTED	2001599
SURVEY BOOK	SHEETS
	170 of 190
CONTRACT	PROJECT
R-41529	2001599

579+00 580+00 581+00 582+00 583+00 584+00 585+00

Section N/A  
Monroe Township  
Clark County, IN



+13.67 Remove 270 LF of 102" CMP

+13.67 STR. No. 50  
CV I65-010-19.90  
205 LF of 9'x9' RCB Culvert  
w/ headwalls, Req'd

23°41'58"  
SKEW RT.

Proposed Headwall

I-65 S.B.

I-65 N.B.

Line "PR-Q"

Line "PR-Q"

D=014.0980  
L=5632.430, R=22890.863

Proposed Headwall

Class II Riprap

App. Exst. L.A. R/W

App. Exst. L.A. R/W

App. Exst. L.A. R/W

Wolf Run

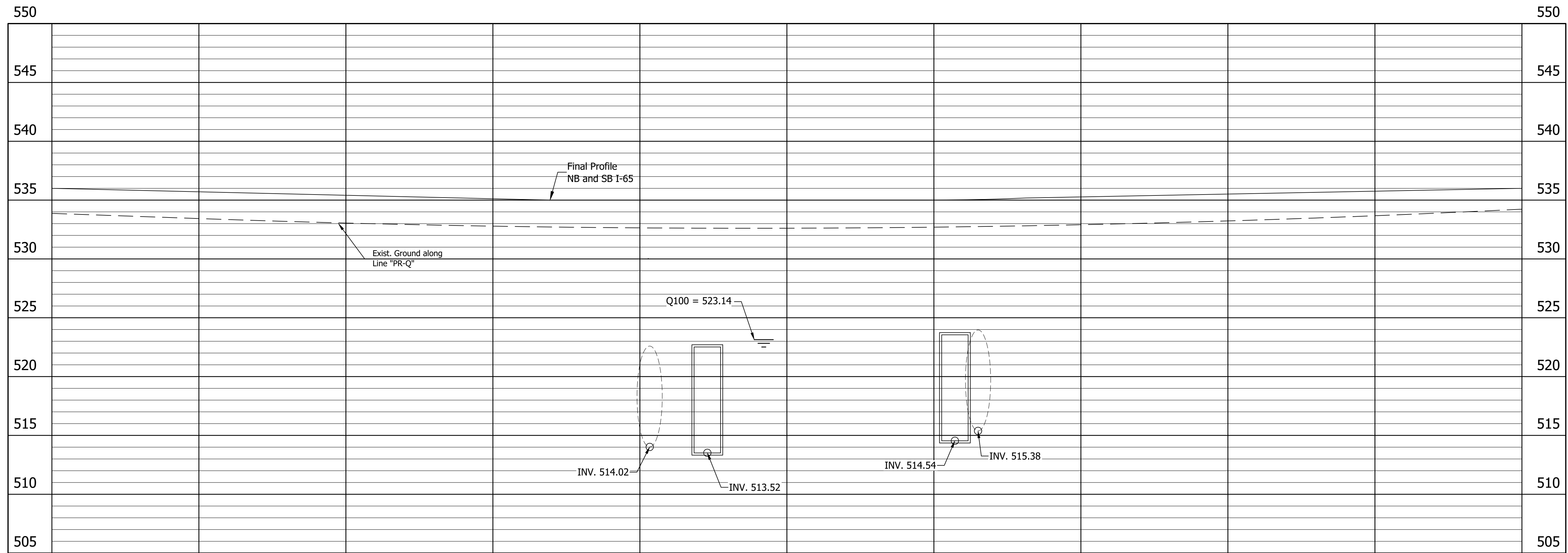
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 DIMSCALE: 1/8" = 1'-0"  
 PLOTTED BY: JBeck  
 DATE: Nov 30, 2021 - 11:06am

**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 I65-010-19.90

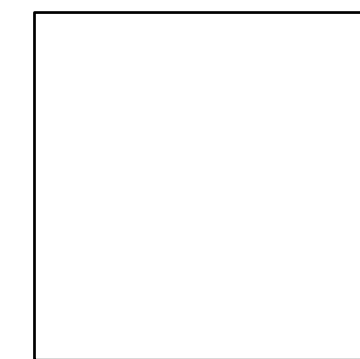
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1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	2001598
SURVEY BOOK	SHEETS
	171 of 190
CONTRACT	PROJECT
R-41529	2001598



Wolf Run

533.87	533.43	533.05	532.78	532.64	532.61	532.70	532.90	533.23	533.67	534.23
579+50	580+00	580+50	581+00	581+50	582+00	582+50	583+00	583+50	584+00	584+50

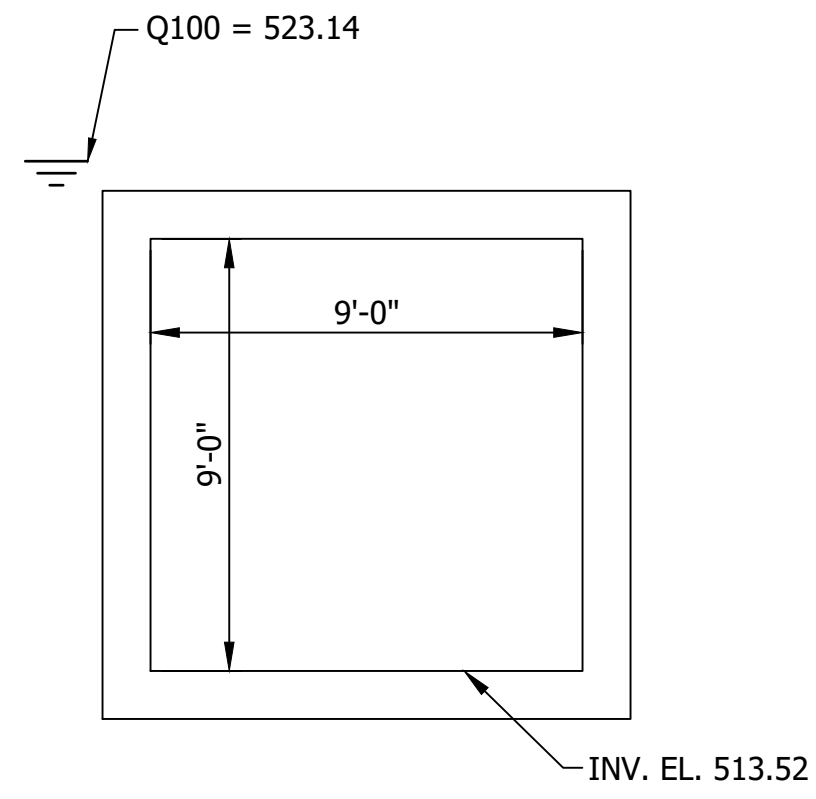
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 FILE: 20-4356 PP - 02.dwg  
 DIMSCALE: 1 LTSCALE: 1  
 PLOTTED BY: JBeck  
 DATE: Nov 30, 2021 - 11:06am



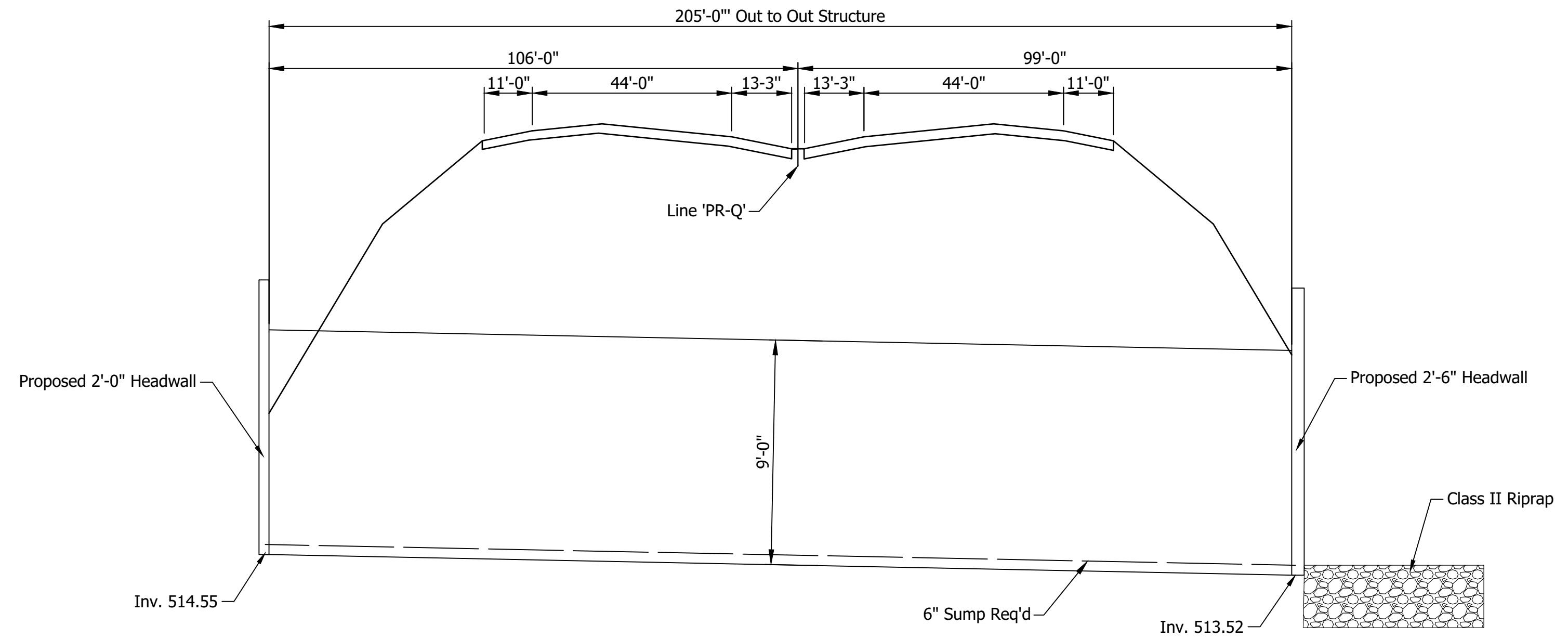
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: JTE	DRAWN: TWS				
CHECKED: MAH	CHECKED: JTE				

**INDIANA**  
**DEPARTMENT OF TRANSPORTATION**  
  
**PROFILE LINE "PR-Q"**  
**STR. # CV I65-010-19.90**

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
1" = 5'	2001598
SURVEY BOOK	SHEETS
	172 of 190
CONTRACT	PROJECT
R-41529	2001598



**ELEVATION**  
Scale: 1" = 4'



**SECTION A-A**

Horizontal Scale 1" = 20'  
Vertical Scale: 1" = 5'

**HYDRAULIC DATA TABLE**

ITEM	UNIT	PROPOSED STRUCTURE
DRAINAGE AREA	Acres	908.60
Q100 DISCHARGE	cfs	485.00
Q100 ELEVATION	ft	523.14
Q100 BACKWATER	ft	2.24
Q50 VELOCITY	ft/sec	11.10
WATERWAY OPENING BELOW Q100	Sft	81.00
MIN. LOW STR. ELEV.	ft	522.52

**NOTES:**

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

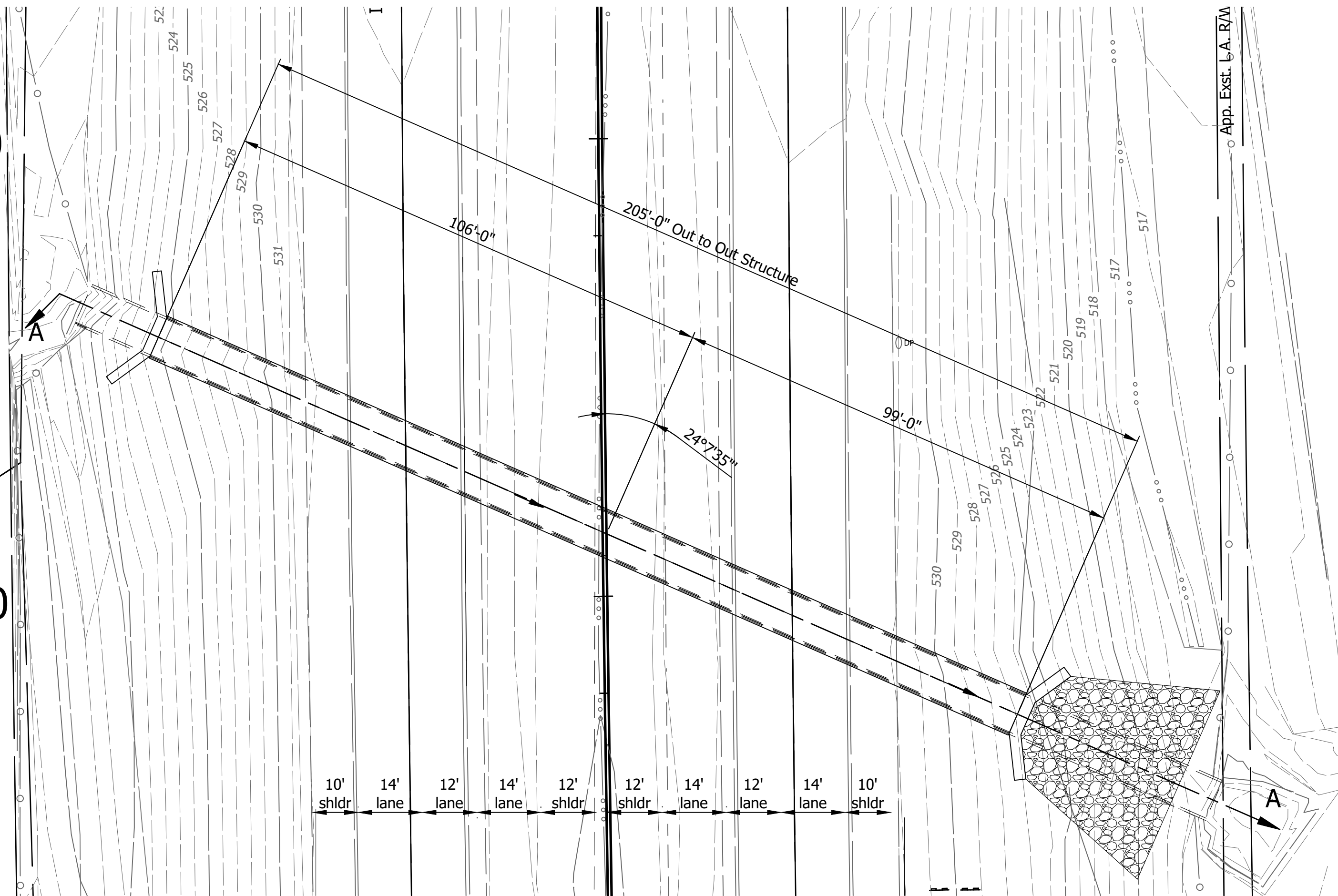
**DESIGN DATA:**

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

583+00

582+00

Section N/A  
Monroe Township  
Clark County, IN



**PLAN VIEW**

Scale 1" = 20'

9'-0" SPAN x 9'-0" RISE, PRECAST REINFORCED CONCRETE BOX  
OPEN TRENCH INSTALL, 6" SUMP REQ'D  
STA. 582+13.67 LINE "PR-Q" 21°43'58" SKEW RT.

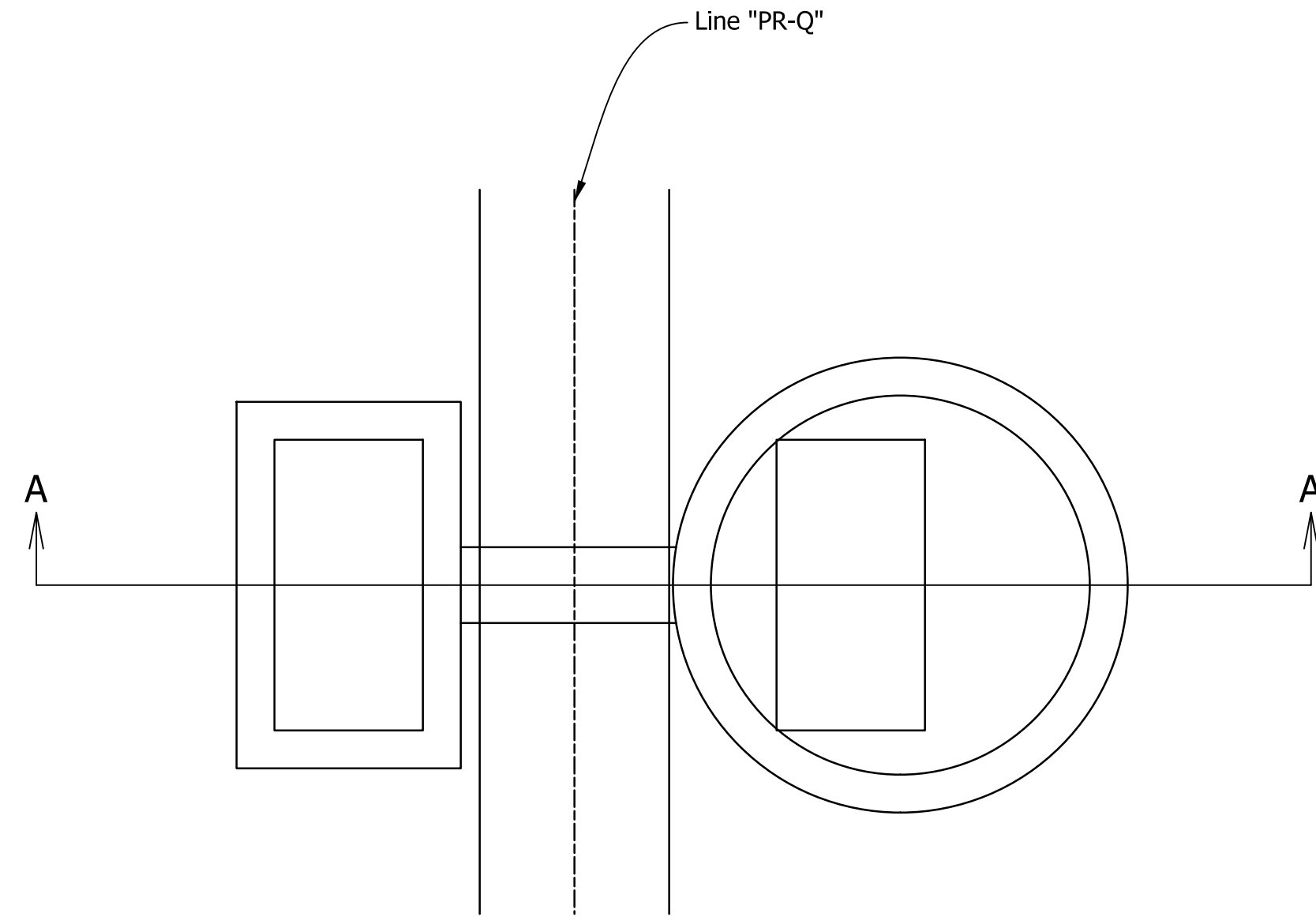
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 FILE: 20-4356 PP - 02.dwg  
 DJMSCALE: 1 LTSCALE: 1  
 PLOTTED BY: JBeck  
 DATE: Nov 30, 2021 - 11:06am

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

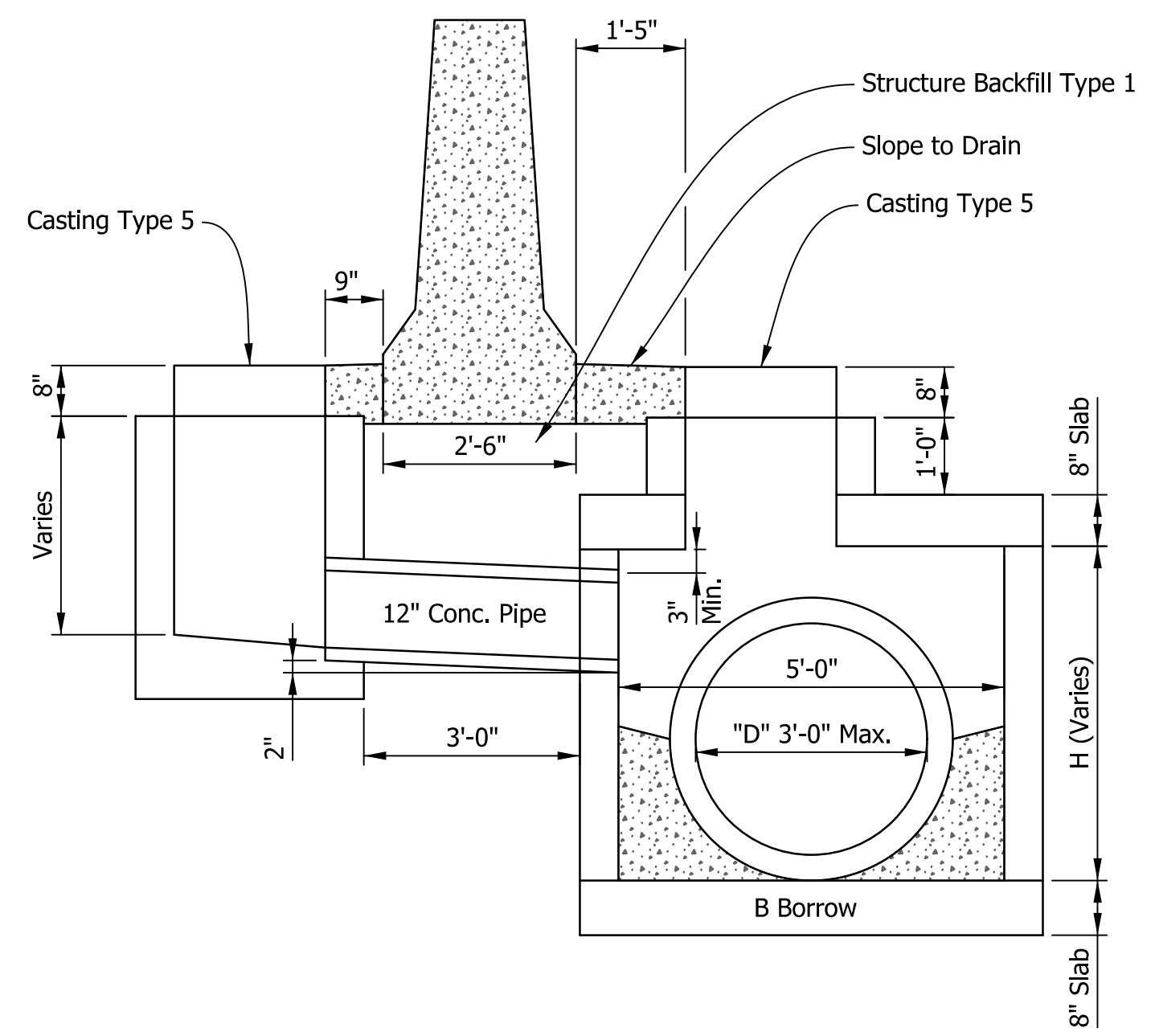
**INDIANA DEPARTMENT OF TRANSPORTATION**

**CULVERT DETAIL**  
STR. # CV I65-010-19.90

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	N/A
VERTICAL SCALE	DESIGNATION
AS NOTED	2001598
SURVEY BOOK	SHEETS
	173 of 190
CONTRACT	PROJECT
R-41529	2001598

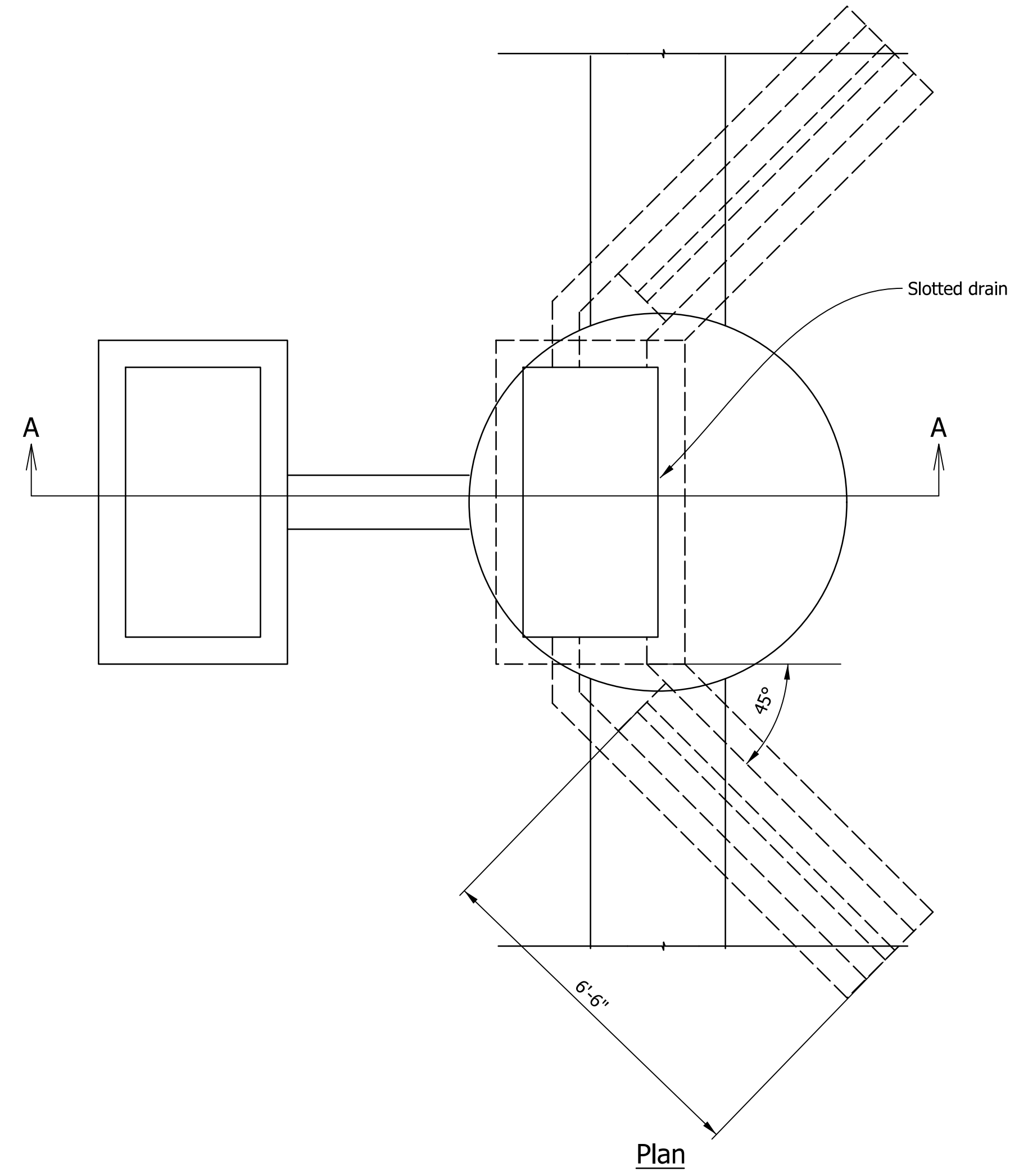


PLAN

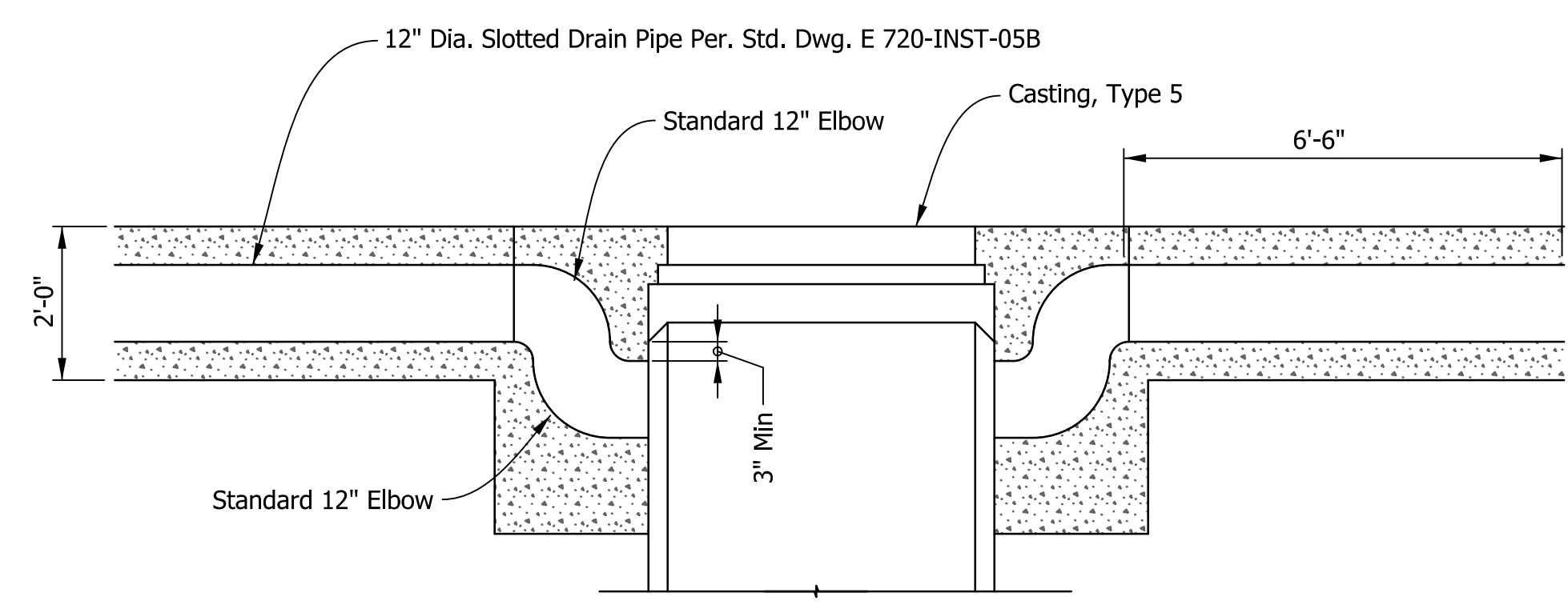


SECTION A-A

MODIFIED MANHOLE TYPE J-5



Plan



SECTION A-A

MODIFIED MANHOLE TYPE J-5  
Slotted Drain Wing Connection  
N.T.S.

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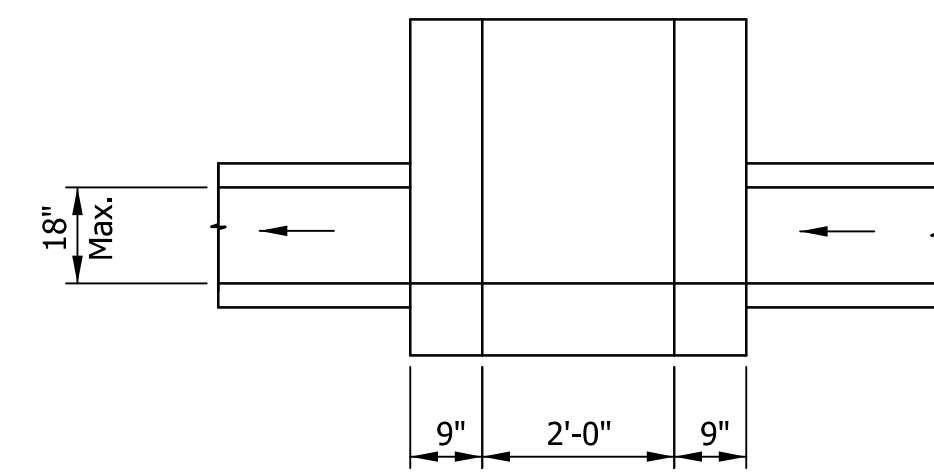
Note: Reinforced Steel detailing to be added at a later Submittal.

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: AMD _____	DRAWN: JJP _____	
CHECKED: DJG _____	CHECKED: DJG _____	

INDIANA DEPARTMENT OF TRANSPORTATION	
MODIFIED STORM SEWER STRUCTURE DETAILS	

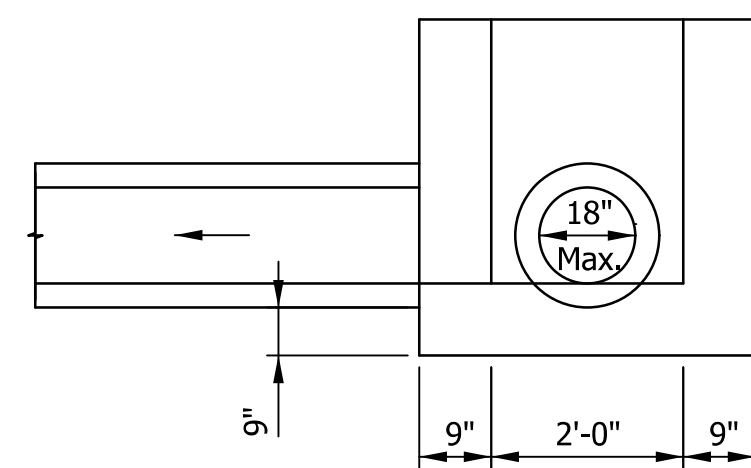
HORIZONTAL SCALE NO SCALE	BRIDGE FILE N/A
VERTICAL SCALE NO SCALE	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 174 of 190
CONTRACT R-41529	PROJECT 1700135





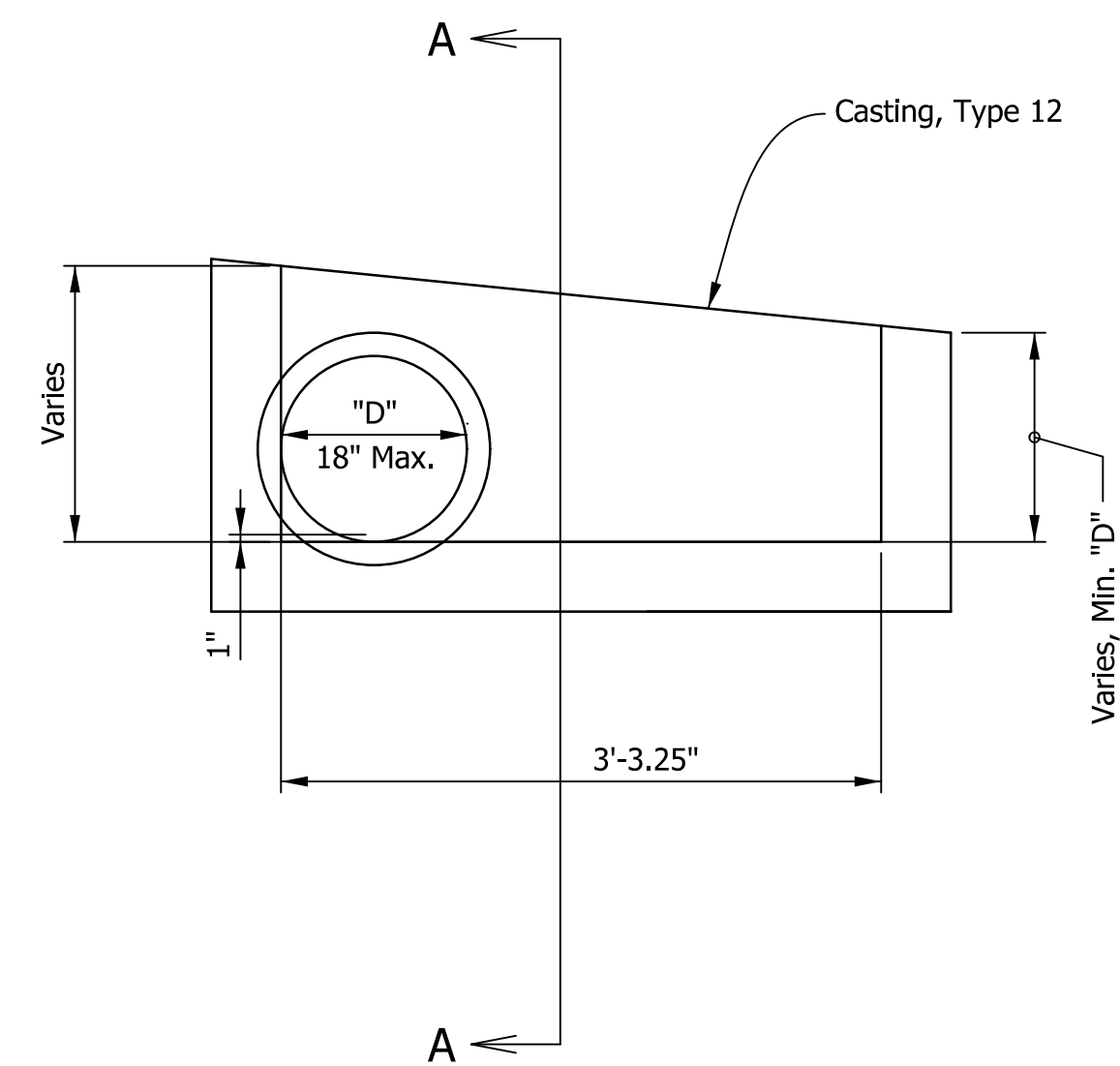
SECTION A-A

MODIFIED INLET TYPE P-12

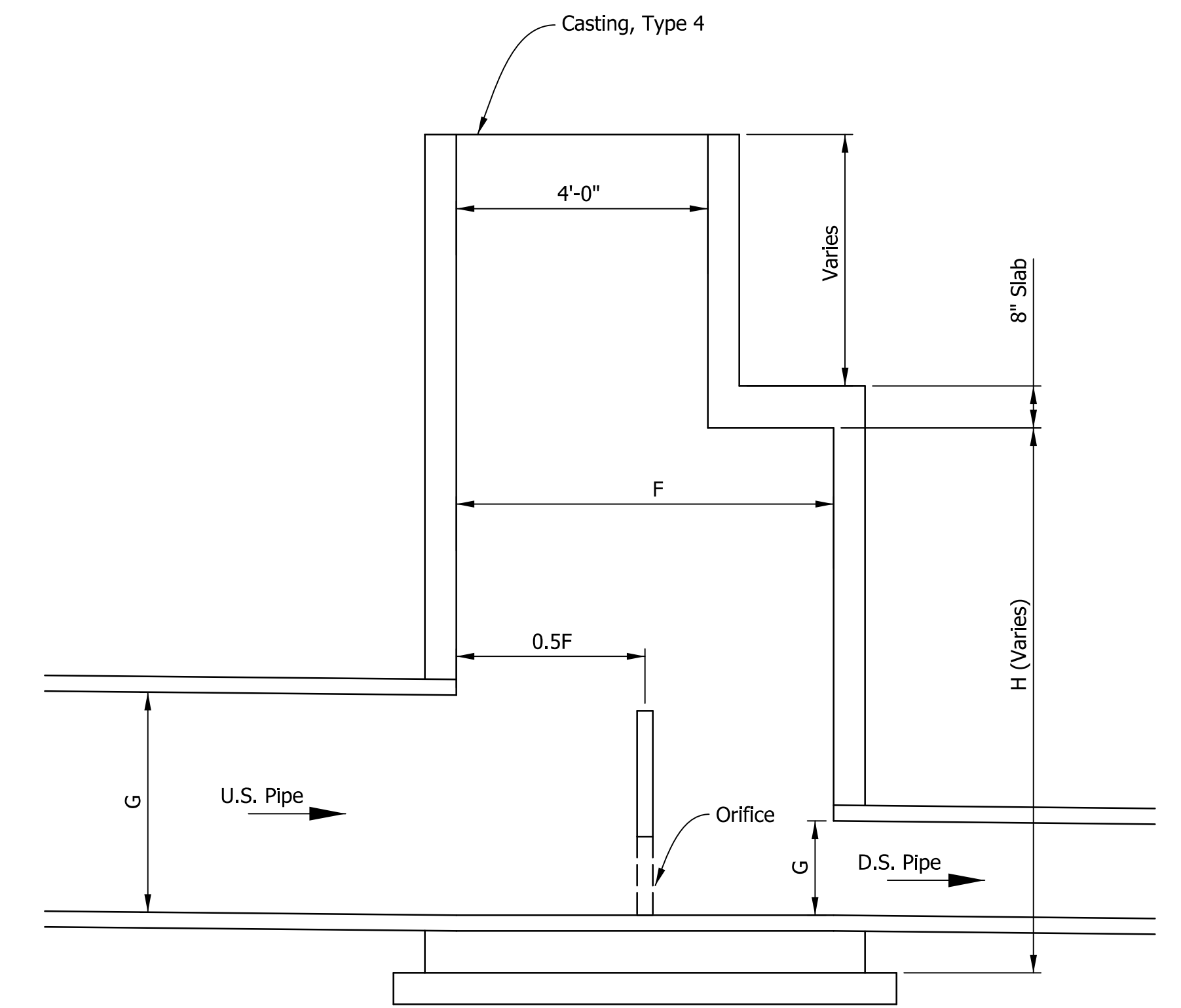
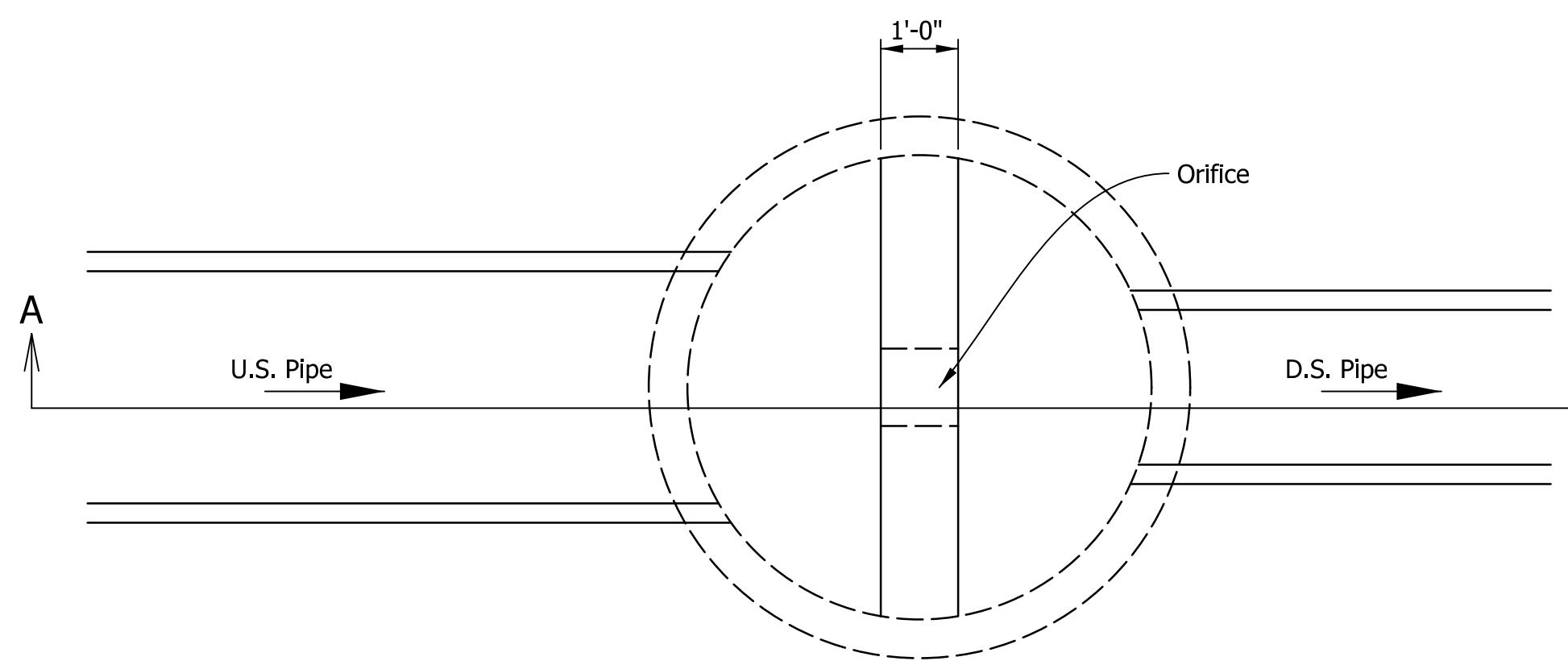


SECTION A-A  
W/OUTLET PIPE

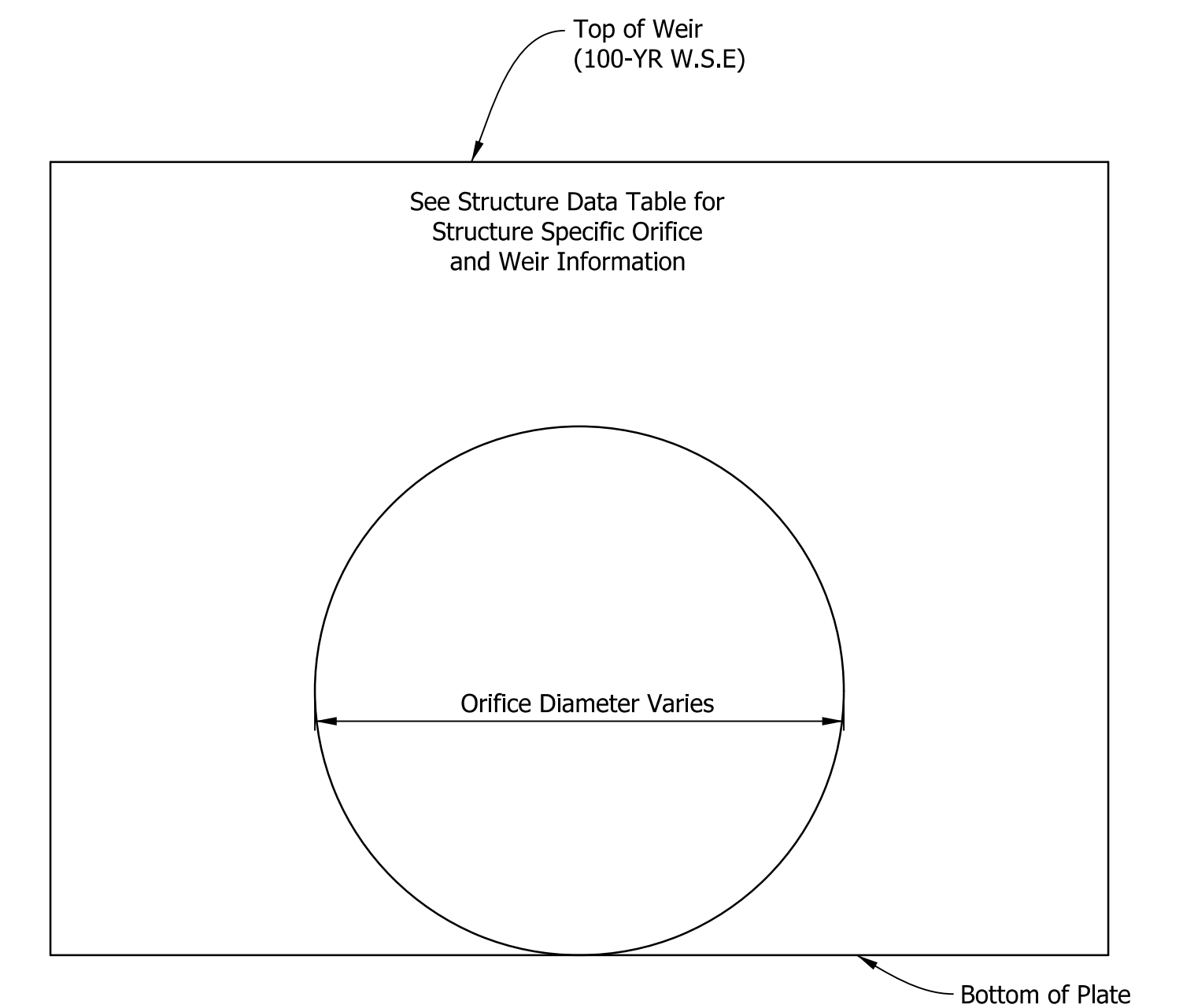
MODIFIED INLET TYPE P-12



MODIFIED INLET TYPE P-12



SECTION A-A



OUTLET CONTROL STRUCTURE - MODIFIED MANHOLE WITH WEIR

I:\4\14\2022\11.34\45 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02 DGN\Plans\200035\_21\_SHT\_DRNG\_Detail\_02.dgn

Note: Reinforced Steel detailing to be added at a later Submittal.

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: AMD _____	DRAWN: JJP _____	
CHECKED: DJG _____	CHECKED: DJG _____	

INDIANA  
DEPARTMENT OF TRANSPORTATION

MODIFIED STORM SEWER STRUCTURE  
DETAILS

HORIZONTAL SCALE NO SCALE	BRIDGE FILE N/A
VERTICAL SCALE NO SCALE	DESIGNATION 1700135
SURVEY BOOK Electronic	SHEETS 175 of 190
CONTRACT R-41529	PROJECT 1700135

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GUARDRAIL SUMMARY TABLE														
LOCATION		MGS W-BEAM GUARDRAIL LENGTH			GUARDRAIL TRANSITION		END TREATMENTS				REMARKS			
STATION TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT	DOUBLE FACED AT 6.25' SFA	MGS W-BEAM, 6.3' SFA	GUARDRAIL TRANSITION, TYPE GP	GUARDRAIL MGS TRANSITION WITHOUT CURB	TEMPORARY TYPE "OS"	TYPE "OS"		IMPACT ATTENUATOR R2-W1	CURVED TERMINAL END	GUARDRAIL REMOVE
391+00	432+00			X							1			
391+10	394+18	X											308	
391+10	400+61	X		X									951	
391+10	403+24			X									1214	
399+00	441+00	X								1				
399+41		X										1		
399+41	402+11	X				268.75								
400+61	403+03			X									242	
400+97				X					1					
400+97	402+78			X		181.25								
402+11		X						1						
402+78				X						1				
404+15		X								1				
404+15	408+22	X											407	
404+23	406+97	X											274	
404+55	406+75	X				218.75								
404+68	412+95			X									827	
404+78				X				1						
405+19	412+62			X		746.88								
406+75		X							1					
412+25	432+98	X											2073	
412+33		X						1						
412+62				X						1				
412+58	429+60	X				1700.00								
429+60		X							1					
438+94				X						1				
438+94	443+00			X		406.25								
443+00				X								1		
445+57	448+99			X									342	
446+32	448+99			X									267	
447+40				X						1				
447+40	448+59			X		118.75								
448+00	478+00			X							1			
448+59				X				1						
449+00	464+00	X									1			
450+76		X									1			
450+76				X								1		

GUARDRAIL SUMMARY TABLE														
LOCATION		MGS W-BEAM GUARDRAIL LENGTH			GUARDRAIL TRANSITION		END TREATMENTS				REMARKS			
STATION TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT	DOUBLE FACED AT 6.25' SFA	MGS W-BEAM, 6.3' SFA	GUARDRAIL TRANSITION, TYPE GP	GUARDRAIL MGS TRANSITION WITHOUT CURB	TEMPORARY TYPE "OS"	TYPE "OS"		IMPACT ATTENUATOR R2-W1	CURVED TERMINAL END	GUARDRAIL REMOVE
450+76	453+42	X											266	
450+77	453+20			X									243	
450+77	455+94	X											517	
451+16	457+16			X		600								
451+16	453+23	X				206.25								
453+10				X								1		
453+23		X								1				
462+27	466+21			X									394	
463+44				X						1				
463+44	466+75			X		331.25								
465+97	469+23	X											326	
466+00				X								1		
466+45		X										1		
466+65	467+89	X				143.75								
467+89		X								1				
484+41		X										1		
484+41	490+22	X				581.25								
490+22		X								1				
488+69				X							1			
488+69	489+50			X		81.25								
489+50				X								1		
490+00	494+00			X							1			
497+31	518+86			X									2105	
499+86				X						1				
499+36	510+05			X		1025.00								
501+00	517+79			X							1			
501+40		X										1		
501+40	513+89	X				1212.50								
504+00	524+79	X									1			
506+08	506+68	X		X						2				
506+99	516+02	X											903	
510+05				X								1		
513+89		X									1			
514+44				X							1			
514+44	613+18			X		481.25								
513+18				X								1		
530+79	535+79			X							1			
530+79	535+79	X										1		

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: EW _____	DRAWN: JJP _____
CHECKED: DJG _____	CHECKED: DJG _____

INDIANA  
DEPARTMENT OF TRANSPORTATION

GUARDRAIL SUMMARY TABLE

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	N/A
SURVEY BOOK	DESIGNATION
Electronic	1700135
CONTRACT	SHEETS
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	PROJECT
	1700135

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GUARDRAIL SUMMARY TABLE														
LOCATION			MGS W-BEAM GUARDRAIL LENGTH		GUARDRAIL TRANSITION		END TREATMENTS					REMARKS		
STATION TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT	DOUBLE FACED AT 6.25' SFA	MGS W-BEAM, 6.3' SFA	GUARDRAIL TRANSITION, TYPE GP	GUARDRAIL MGS TRANSITION WITHOUT CURB	TEMPORARY TYPE "OS"	TYPE "OS"	IMPACT ATTENUATOR R2/W1		CURVED TERMINAL END	GUARDRAIL REMOVE
533+45	537+00	X				356.25								
533+86				X					1					
533+86	536+30			X		243.75								
536+30				X								1		
537+00		X							1					
541+55	545+49			X									394	
542+53				X					1					
542+53	545+17			X										
542+53	545+17			X		262.50								
545+17				X			1							
546+38		X					1							
546+58	550+52	X											394	
546+62	549+24	X				262.50								
549+24		X							1					
556+52	557+63	X											111	
557+63				X					1					
557+63	568+10			X		1043.75								
557+79	570+79			X						1				
557+96	567+99			X									1003	
568+10				X								1		
569+79	571+79	X								1				
579+79	605+79	X								1				
580+05	581+10	X		X				2						
582+79	593+79			X						1				
584+45		X										1		
584+45	588+57	X				412.50								
588+57		X							1					
602+79	614+79			X						1				
601+43				X						1				
601+43	613+18			X		1175.00								
611+25	613+52			X									227	
613+18				X			1							
613+79	633+79	X								1				
613+84	615+76	X											192	
613+91		X					1							
614+16	653+66	X				3650.00								
619+79	633+79			X						1				
622+33	632+46			X									1013	

GUARDRAIL SUMMARY TABLE														
LOCATION			MGS W-BEAM GUARDRAIL LENGTH		GUARDRAIL TRANSITION		END TREATMENTS					REMARKS		
STATION TO STATION	LEFT	MEDIAN LEFT	MEDIAN RIGHT	RIGHT	DOUBLE FACED AT 6.25' SFA	MGS W-BEAM, 6.3' SFA	GUARDRAIL TRANSITION, TYPE GP	GUARDRAIL MGS TRANSITION WITHOUT CURB	TEMPORARY TYPE "OS"	TYPE "OS"	IMPACT ATTENUATOR R2/W1		CURVED TERMINAL END	GUARDRAIL REMOVE
626+08	636+34	X											1026	
626+41				X						1				
626+41	631+10			X		468.75								
631+10				X								1		
635+44				X						1				
635+44	652+88			X		1743.75								
642+02	653+27			X									1125	
643+79	673+79			X							1			
644+68	654+06	X											938	
644+79	663+79	X									1			
649+95	653+27	X		X									332	
652+88				X										
653+27	653+51			X			1						24	
653+66		X					1							
654+44				X			1							
654+45	655+75			X									130	
654+85	655+60			X		75.00								
654+99	655+23	X											24	
655+22		X					1							
655+23	658+60	X		X									337	
655+23	660+06	X											483	
655+60				X								1		
655+63	658+06	X				243.75								
658+06		X								1				
662+94		X											1	
662+94	665+57	X				262.50								
665+57		X								1				
669+79	676+79	X									1			
672+94		X											1	
672+94	677+57	X				462.50								
677+57		X								1				
TOTAL						19265.63	6	11	4	25	19	18	18412	
UNIT						FT	EACH	EACH	EACH	EACH	EACH	EACH	FT	

RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____
DESIGNED: EW _____	DRAWN: JJP _____
CHECKED: DJG _____	CHECKED: DJG _____

**INDIANA DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL SUMMARY TABLE**

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	N/A
SURVEY BOOK	DESIGNATION
Electronic	1700135
CONTRACT	SHEETS
R-41529	177 of 188
	PROJECT
	1700135

PAVEMENT QUANTITIES AND APPROACH TABLE

STATION TO STATION	DIRECTION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADI	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE			GRADE	EXCAVATION	CLEAR ZONE AT DRIVE	HMA FOR APPROACHES, TYPE B	HMA FOR TEMPORARY PAVEMENT, TYPE B	HMA FOR TEMPORARY PAVEMENT, TYPE D	QC/QA HMA MATERIALS								REINFORCED CONCRETE MOMENT SLAB, 13 IN.	CC/QA-PCCP, 15 IN.	SUBBASE FOR PCCP, 9IN.	SUBGRADE TREATMENT, TYPE II	SUBGRADE TREATMENT, TYPE IC	ASPHALT FOR TACK COAT	COMPACTED AGGREGATE FOR BASE NO. 53			COMPACTED AGGREGATE NO. 53			GEOGRID, TYPE IB	GEOTEXTILE FOR SUBGRADE, TYPE 2B	MILLING ASPHALT, 1.5 IN.	REMARKS	
							COMPACTED AGGREGATE BASE	HMA	CONCRETE							LBS. PER SYD.			LBS. PER SYD.											DEPTH		DEPTH								
																1	2	CUT	1100	440	1430	165	165							275	275	250	440	605	3 in					6 in
							FT	FT	FT							FT	SYS	SYS	SYS	%	%	CYS	CYS							FT	SYS	SYS	SYS	SYS	SYS					SYS
<b>Line "Q" &amp; "PR-Q"</b>																																								
388+10	to	391+10	NB	I-65 (Incidental Travel Lanes)	39.6	300																																		
			NB	I-65 (Incidental Median Shoulder)	6.3	300																																		
			NB	I-65 (Incidental Outside Shoulder)	9	300																																		
391+10	to	393+85	NB	I-65 (Mainline Travel Lanes)	40	275																																		
			NB	I-65 (Mainline Median Shoulder)	12	275																																		
			NB	I-65 (Mainline Outside Shoulder)	10	275																																		
393+85	to	402+84	NB	I-65 (Mainline Travel Lanes)	40	899																																		
			NB	I-65 (Mainline Median Shoulder)	12	899																																		
			NB	I-65 (Mainline Outside Shoulder)	10	899																																		
404+81	to	448+98	NB	I-65 (Mainline Travel Lanes)	40	4417																																		
			NB	I-65 (Mainline Median Shoulder)	12	4417																																		
			NB	I-65 (Mainline Outside Shoulder)	10	4417																																		
450+77	to	527+71	NB	I-65 (Mainline Travel Lanes)	40	7694																																		
			NB	I-65 (Mainline Median Shoulder)	12	7694																																		
			NB	I-65 (Mainline Outside Shoulder)	10	7694																																		
527+71	to	538+72	NB	I-65 (Mainline Outside Shoulder)	8	1101																																		
			NB	I-65 (Mainline Travel Lanes)	40	1101																																		
			NB	I-65 (Mainline Median Shoulder)	12	1101																																		
527+71	to	530+72	NB	I-65 (Mainline Auxiliary Lane)	6	301																																		
530+72	to	534+88	NB	I-65 (Mainline Auxiliary Lane)	12	416																																		
534+88	to	536+39	NB	I-65 (Mainline Auxiliary Lane)	15	151																																		
536+39	to	538+70	NB	I-65 (Mainline Auxiliary Lane)	18	231																																		
536+39	to	538+72	NB	I-65 (Mainline Gore)	16.6	233																																		
538+72	to	555+57	NB	I-65 (Mainline Travel Lanes)	40	1685																																		
			NB	I-65 (Mainline Median Shoulder)	12	1685																																		
			NB	I-65 (Mainline Outside Shoulder)	10	1685																																		
555+57	to	653+28	NB	I-65 (Mainline Travel Lanes)	40	9771																																		
			NB	I-65 (Mainline Median Shoulder)	12	9771																																		
			NB	I-65 (Mainline Gore)	11.4	9771																																		
555+58	to	567+93	NB	I-65 (Mainline Auxiliary Lane)	18	235																																		
557+93	to	561+87	NB	I-65 (Mainline Auxiliary Lane)	15	394																																		
561+87	to	563+87	NB	I-65 (Mainline Auxiliary Lane)	12	200																																		
563+87	to	569+87	NB	I-65 (Mainline Auxiliary Lane)	6	800																																		
555+60	to	567+13	NB	I-65 (Mainline Outside Shoulder)	7.8	153																																		
555+90	to	653+28	NB	I-65 (Mainline Outside Shoulder)	10	9768																																		
654+83	to	679+00	NB	I-65 (Mainline Travel Lanes)	40	2417																																		
			NB	I-65 (Mainline Median Shoulder)	12	2417																																		
			NB	I-65 (Mainline Outside Shoulder)	10	2417																																		
<b>Line "PR-SE Ramp"</b>																																								
13+63		19+93	SE	I-65 (Mainline Travel Lanes)	16	630																																		
			SE	I-65 (Mainline Median Shoulder)	5	630																																		
			SE	I-65 (Mainline Outside Shoulder)	8	630																																		
<b>Line "PR-NE Ramp"</b>																																								
30+45		40+85	NE	I-65 (Mainline Travel Lanes)	16	1040																																		
			NE	I-65 (Mainline Inside Shoulder)	5	1040																																		
			NE	I-65 (Mainline Outside Shoulder)	8	1040																																		

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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: EW	DRAWN: JJP		VERTICAL SCALE	DESIGNATION
CHECKED: DJG	CHECKED: DJG	PAVEMENT QUANTITY AND APPROACH TABLE	SURVEY BOOK	SHEETS
			Electronic	178 of 188
			CONTRACT	PROJECT
			R-41529	1700135



**PAVEMENT QUANTITIES AND APPROACH TABLE**

STATION TO STATION	DIRECTION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE			GRADE	EXCAVATION	CLEAR ZONE AT DRIVE	HMA FOR APPROACHES, TYPE B	HMA FOR TEMPORARY PAVEMENT, TYPE B	HMA FOR TEMPORARY PAVEMENT, TYPE D	QC/QA HMA MATERIALS								REINFORCED CONCRETE MOMENT SLAB, 13 IN.	CC/QA-PCCP, 15 IN.	SUBBASE FOR PCCP, 9IN.	SUBGRADE TREATMENT, TYPE II	SUBGRADE TREATMENT, TYPE IC	ASPHALT FOR TACK COAT	COMPACTED AGGREGATE FOR BASE NO. 53		COMPACTED AGGREGATE NO. 53		GEOGRID, TYPE IB	GEOTEXTILE FOR SUBGRADE, TYPE 2B	MILLING ASPHALT, 1.5 IN.	REMARKS
							COMPACTED AGGREGATE BASE	HMA	CONCRETE							LBS. PER SYD.			LBS. PER SYD.											DEPTH		DEPTH					
																1100	440	1430	165	165	275	275	250							440	605	3 in	6 in				
							1	2	CUT							FILL	SYS	SYS	SYS	SYS	SYS	SYS	SYS							SYS	SYS	SYS	SYS				
<b>Line "PR-SW Ramp"</b>																																					
80+09	89+33	SW	I-65 (Mainline Travel Lanes)	16	924																																
		SW	I-65 (Mainline Inside Shoulder)	5	924																																
		SW	I-65 (Mainline Outside Shoulder)	13	924																																
<b>Line "PR-NW Ramp"</b>																																					
59+84	69+58		I-65 (Mainline Travel Lanes)	16	974																																
			I-65 (Mainline Median Shoulder)	5	974																																
			I-65 (Mainline Outside Shoulder)	8	974																																
<b>MAINTENANCE OF TRAFFIC</b>																																					
<b>Line "Q" &amp; "PR-Q"</b>																																					
PRE-PHASE																																					
PHASE I																																					
<b>Line "PR-SW Ramp"</b>																																					
PHASE I																																					
<b>Line "PR-NW Ramp"</b>																																					
PHASE I																																					
<b>Line "PR-SE Ramp"</b>																																					
PHASE III																																					
<b>Line "PR-NE Ramp"</b>																																					
PHASE III																																					
<b>TOTAL</b>																																					
<b>CYS</b>																																					
<b>TONS</b>																																					

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE _____	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE	BRIDGE FILE
	<b>PAVEMENT QUANTITY AND APPROACH TABLE</b>		VERTICAL SCALE	N/A
DESIGNED: EW _____	DRAWN: JJP _____			DESIGNATION
CHECKED: DJG _____	CHECKED: DJG _____			1700135
			SURVEY BOOK	SHEETS
			Electronic	180 of 188
			CONTRACT	PROJECT
			R-41529	1700135



**STRUCTURE DATA**

STRUCTURE NUMBER	LOCATION				SIZE PIPE TYPE IN. FT.	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	OUTLET CONTROL			SCOUR PROTECTION				CONCRETE COLLAR EA.	PIPE END SECTION EA.	SAFETY METAL END SECTION			GRATED BOX END SECTION			CONNECT TO STR.	REMARKS	
	STATION	LEFT	RIGHT	CROSS OFFSET					UP STREAM ELEV.	DOWN STREAM ELEV.	TOP OF WEIR ELEV.							ORIFICE INVERT ELEV.	ORIFICE DIAMETER IN.	SUMP DEPTH IN.	GEOTEXTILE SYS.	RIPRAP TYPE	TONS	EA.			EA.	TYPE	SLOPE	EA.	TYPE	SLOPE			EA.
113	401+75	X			12	2	Inlet HA-5	21		487.96	487.71																						112		
114	402+25		X		15	2	Inlet HA-5	71		485.94	485.74																						112	With Slotted Drains	
115	402+70		X		15	2	Inlet HA-5	41		486.16	486.04																						114	With Slotted Drains	
116	402+70		X		24	2	Mod. Manhole L4 w/ Weir	21		480.73	480.67							485.00	480.73	6													1	Outfall	
117	402+95		X		12	2	Inlet HA-5	21		486.49	486.40																						115		
118	404+40		X		12	2	Inlet HA-5	106		485.82	485.14																						120		
119	404+75		X		18	2	Mod. Manhole K4 w/ Weir	20		477.23	477.09							481.05	477.23	6													1	Outfall	
120	405+50		X		15	2	Inlet HA-5	121		484.89	484.31																						121	With Slotted Drains	
121	406+75		X		18	2	Inlet HA-5	96		484.06	483.58																						122	With Slotted Drains	
122	407+75			X	18		Inlet H-5 Trenchless Installation	65		483.48	481.53																						123	With Slotted Drains	
123	407+75		X		48	2	Manhole K4	296		477.53	477.23																						119		
124	409+00		X		12	2	Inlet HA-5	121		483.67	483.06																						125	With Slotted Drains	
125	410+25		X		18		Modified Manhole J5 Trenchless Installation	62		480.96	480.56																						126	With Slotted Drains	
126	410+25		X		48	2	Manhole K4	245		477.88	477.63																						123		
127	411+50			X	15	2	Inlet H-5	121		481.59	481.23																						125	With Slotted Drains	
128	412+00		X		12	2	Inlet HA-5	46		482.01	481.84																						127	With Slotted Drains	
129	412+85			X	15	2	Inlet H-5	15		481.36	481.12																						131	With Slotted Drains	
130	413+04		X		24	2	Mod. Manhole L4 w/ Weir	6		478.00	477.97							482.00	478.00	6													1	Outfall	
131	413+04			X	18		Inlet H-5 Trenchless Installation	64		480.87	480.68								481.00	6													130	With Slotted Drains	
132	413+25			X	15	2	Inlet H-5	18		481.17	481.12																						131	With Slotted Drains	
133	413+50		X		12	2	Inlet HA-5	21		481.81	481.73																						132	With Slotted Drains	
134	414+00		X		12	2	Inlet HA-5	46		481.88	481.71																						136	With Slotted Drains	
135	414+50		X		15	2	Manhole C4	70		481.34	481.13																						138		
136	414+50		X		12	2	Inlet HA-5	4		481.61	481.59																						135	With Slotted Drains	
137	415+25		X		48	2	Manhole K4	213		478.21	478.00																						130		
138	415+25		X		15		Modified Manhole J5 Trenchless Installation	62		481.03	480.84																							137	
139	415+25			X	12	2	Inlet HA-5	4		482.76	482.61																						138	With Slotted Drains	
140	416+25		X		12	2	Inlet HA-5	96		484.13	482.86																						139	With Slotted Drains	
141	417+50		X		15	2	Mod. Manhole L4 w/ Weir	9		482.08	481.96							485.80	482.08	6													1	Outfall	
142	417+50			X	15		Inlet H-5 Trenchless Installation	64		485.81	485.07																						141	With Slotted Drains	
143	419+00		X		12	2	Inlet HA-5	146		489.89	486.32																						142		
144	420+50		X		48	2	Manhole K4	293		482.37	482.08																						141		
145	420+50			X	15		Inlet H-5	65		493.63	491.29																						144		

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RECOMMENDED FOR APPROVAL _____ DESIGNED: AMD CHECKED: DJG	DESIGN ENGINEER _____ DRAWN: JJP CHECKED: DJG	DATE _____	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>				HORIZONTAL SCALE	BRIDGE FILE
			<b>STRUCTURE DATA TABLE</b>				VERTICAL SCALE	N/A
							SURVEY BOOK	SHEETS
							Electronic	182 of 190
							CONTRACT	PROJECT
							R-41529	1700135



**STRUCTURE DATA**

STRUCTURE NUMBER	LOCATION				SIZE PIPE TYPE FT IN.	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	OUTLET CONTROL			SCOUR PROTECTION				CONCRETE COLLAR EA.	PIPE END SECTION EA.	SAFETY METAL END SECTION			GRATED BOX END SECTION			CONNECT TO STR.	REMARKS			
	STATION	LEFT	RIGHT	CROSS OFFSET					COVER LFT	UP STREAM ELEV.	DOWN STREAM ELEV.							TOP OF WEIR ELEV.	ORIFICE INVERT ELEV.	ORIFICE DIAMETER IN.	SUMP DEPTH IN.	GEOTEXTILE SYS.	RIPRAP TYPE	TONS			EA.	EA.	TYPE	SLOPE	EA.	TYPE			SLOPE	EA.	
146	422+50	X			24	2	Mod. Manhole L4 w/ Weir	26		493.85	493.75							497.5	493.85	6																Outfall	
147	422+50		X		15		Inlet H-5 Trenchless Installation	64		499.17	496.80																								146	With Slotted Drains	
148	425+60	X			48	2	Manhole K4, Drop	303		494.15	493.85																								146		
149	425+75	X			18	2	Mod. Manhole L4 w/ Weir	8		502.55	502.54							507.4	502.55	6															148		
150	425+75		X		15		Inlet H-5 Trenchless Installation	64		508.17	506.56																								149	With Slotted Drains	
151	429+10	X			60	2	Manhole L4, Drop	327		502.88	502.55																								149		
152	429+25	X			15	2	Mod. Manhole L4 w/ Weir	8		513.10	513.09							516.8	513.1	8															151		
153	429+25		X		15		Inlet H-5 Trenchless Installation	64		517.87	516.08																								152		
154	432+25	X			48	2	Manhole K4	293		513.39	513.10																								152		
155	432+25		X		15		Inlet H-5 Trenchless Installation	65		524.70	522.81																								154	With Slotted Drains	
156	434+00	X			48	2	Manhole K4	169		513.66	513.49																								154		
157	434+00		X		15		Inlet HA-5 Trenchless Installation	71		527.18	525.33																								156		
158	435+50	X			12	2	Inlet HA-5	146		528.45	527.43																								157		
159	437+25		X		15		Inlet HA-5 Trenchless Installation	65		527.06	525.93																								160		
160	437+25		X		36	2	Manhole J4	270		522.29	522.02																								163		
161	438+50	X			12	2	Inlet HA-5	120		527.74	527.31																								159		
162	440+00		X		15		Inlet H-5 Trenchless Installation	66		526.02	525.86																								163	With Slotted Drains	
163	440+00	X			36	2	Manhole J4	95		521.92	521.83																								164		
164	441+00		X		15	2	Mod. Manhole J4 w/ Weir	21		521.83	521.76							524.40	521.83	6															164	Outfall	
165	444+00		X		15		Inlet H-5 Trenchless Installation	65		516.95	516.79																								166		
166	444+00	X			48	2	Manhole K4	344		500.41	500.07																								168		
167	447+50		X		15		Inlet H-5 Trenchless Installation	65		506.73	506.57																								168	With Slotted Drains	
168	447+50	X			48	2	Manhole K4	133		499.97	499.84																								173		
169	448+00		X		15	2	Inlet H-5	46		504.86	503.64																								170	With Slotted Drains	
170	448+50		X		15	2	Inlet H-5	36		503.54	502.60																								172		
171	448+75	X			12	2	Inlet HA-5	11		503.26	502.81																								172	With Slotted Drains	
172	448+90		X		15		Inlet H-5 Trenchless Installation	64		502.71	502.55																								173		
173	448+90	X			18	2	Mod. Manhole L4 w/ Weir	11		499.84	499.77							503.75	499.84	8															173	Outfall	
173 A	450+22	X			24	3	Pipe	38																													
174	451+75		X		15		Inlet H-5 Trenchless Installation	64		494.67	494.51																								175	With Slotted Drains	
175	451+75	X			24	2	Mod. Manhole L4 w/ Weir	18		483.58	483.45							487.85	483.58	10															175	Outfall	
176	453+75		X		15	2	Inlet H-5	146		490.34	488.69																								177	With Slotted Drains	
177	455+25		X		15		Inlet H-5 Trenchless Installation	64		489.04	488.88																									178	
178	455+25	X			54	2	Manhole L4	342		483.92	483.58																									175	
179	456+50		X		15	2	Inlet H-5	40		488.00	487.89																								180	With Slotted Drains	
180	456+94		X		18		Inlet H-5 Trenchless Installation	64		487.57	485.02																									181	With Slotted Drains
181	456+94	X			54	2	Manhole L4	160		484.18	484.02																								178		
182	457+30		X		15	2	Inlet H-5	33		487.91	487.82																								180	With Slotted Drains	
183	457+75		X		15	2	Inlet H-5	41		488.13	488.01																								182		

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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____	DATE _____
DESIGNED: AMD _____	DRAWN: JJP _____	
CHECKED: DJG _____	CHECKED: DJG _____	

INDIANA DEPARTMENT OF TRANSPORTATION		
STRUCTURE DATA TABLE		

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	N/A
	DESIGNATION
	1700135
SURVEY BOOK	SHEETS
Electronic	183 of 190
CONTRACT	PROJECT
R-41529	1700135

**STRUCTURE DATA**

STRUCTURE NUMBER	LOCATION				SIZE PIPE TYPE IN.	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	OUTLET CONTROL			SCOUR PROTECTION				CONCRETE COLLAR EA.	PIPE END SECTION EA.	SAFETY METAL END SECTION			GRATED BOX END SECTION			CONNECT TO STR.	REMARKS		
	STATION	LEFT	RIGHT	CROSS OFFSET FT					COVER LFT	UP STREAM ELEV.	DOWN STREAM ELEV.							TOP OF WEIR ELEV.	ORIFICE INVERT ELEV.	ORIFICE DIAMETER IN.	SUMP DEPTH IN.	GEOTEXTILE SYS.	RIPRAP TYPE	TONS			EA.	EA.	TYPE	SLOPE	EA.	TYPE			SLOPE	EA.
184	458+75		X		15	2	Inlet H-5	171		488.74	488.23																					186	With Slotted Drains			
185	460+50	X			12	2	Inlet HA-5	4		490.67	490.52																					186				
186	460+50		X		15		Modified Manhole J5 Trenchless Installation	61		488.13	486.89																					187				
187	460+50		X		54	2	Manhole L4	349		484.63	484.28																					181				
188	462+50			X	15		Inlet H-5 Trenchless Installation	64		492.42	492.26																					189				
189	462+50		X		54	2	Manhole L4	192		484.92	484.73																					187				
190	464+50			X	15	2	Inlet H-5	196		493.76	492.15																					188	With Slotted Drains			
191	466+50			X	15	2	Inlet H-5	196		495.51	494.96																					194				
192	466+50		X		24	2	Mod. Manhole K4 w/ Weir	29		492.11	492.00			504.10	499.63	6																1	Outfall			
193	468+50	X			12	2	Inlet HA-5	4		492.11	492.00																					194				
194	468+50		X		18	2	Modified Manhole J5	196		494.71	494.16																					196				
195	470+50	X			12	2	Inlet HA-5	4		499.42	499.27																					196	With Slotted Drains			
196	470+50		X		24		Modified Manhole J5 Trenchless Installation	62		493.66	493.49																					197	With Slotted Drains			
197	470+50		X		48	2	Manhole K4	394		492.50	492.11																					192				
198	472+50			X	15	2	Inlet H-5	196		500.79	498.05																					196				
199	474+50			X	15	2	Inlet H-5	196		502.92	502.76																					198				
200	476+35		X		48	2	Manhole K4, Drop	579		493.18	492.60																					197				
201	476+50			X	15	2	Inlet H-5	196		504.26	503.72																					204	With Slotted Drains			
202	476+50		X		24	2	Mod. Manhole L4 w/ Weir	8		499.63	499.62			496.00	494.00	6																200				
203	478+50	X			12	2	Inlet HA-5	4		506.42	506.27				492.11	8																204				
204	478+50		X		18		Modified Manhole J5 Trenchless Installation	61		503.47	503.20																					205				
205	478+50		X		54	2	Manhole L4	192		499.82	499.63																					202				
206	480+50			X	15	2	Inlet H-5	196		507.76	505.1																					204				
207	482+50			X	15		Inlet H-5 Trenchless Installation	64		509.92	509.76																					208	With Slotted Drains			
208	482+50		X		54	2	Manhole L4	392		500.31	499.92																					205				
209	484+75	X			24	2	Mod. Manhole L4 w/ Weir	11		510.55	510.51			514.00	510.55	10																1	Outfall			
210	484+75			X	15		Inlet H-5 Trenchless Installation	64		511.56	511.38																					209				
211	486+50	X			48	2	Manhole K4	168		510.72	510.55																					209				
212	486+50			X	15		Inlet H-5 Trenchless Installation	65		513.25	512.27																					211				
213	488+50			X	15	2	Inlet H-5	196		515.23	513.35																					212	With Slotted Drains			
214	489+00	X			24	2	Mod. Manhole L4 w/ Weir	39		515.14	515.00			518.50	515.14	8																1	Outfall			
215	489+00	X			15		Manhole C4 Trenchless Installation	62		516.23	516.06																					214				
216	490+50			X	15	2	Inlet H-5	146		517.21	516.33																					215				
217	492+75	X			48	2	Manhole K4	368		515.51	515.14																					214				
218	492+75			X	18		Inlet H-5 Trenchless Installation	65		519.17	518.84																					217				
219	495+00	X			18	2	Manhole C4	221		521.48	519.27																					218				
220	495+00		X		12	2	Inlet HA-5	4		522.16	521.99																					219	With Slotted Drains			
221	496+60	X			48	2	Manhole K4, Drop	378		515.95	515.57																					217				
222	496+75	X			24	2	Mod. Manhole K4 w/ Weir	9		519.46	519.45			523.25	519.46	6																221				

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE	BRIDGE FILE
	<b>STRUCTURE DATA TABLE</b>		VERTICAL SCALE	N/A
DESIGNED: AMD	DRAWN: JJP		DESIGNATION	1700135
CHECKED: DJG	CHECKED: DJG		SURVEY BOOK	SHEETS
			Electronic	184 of 190
			CONTRACT	PROJECT
			R-41529	1700135

**STRUCTURE DATA**

STRUCTURE NUMBER	LOCATION				SIZE PIPE TYPE IN. FT.	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	OUTLET CONTROL			SCOUR PROTECTION				CONCRETE COLLAR EA.	PIPE END SECTION EA.	SAFETY METAL END SECTION			GRATED BOX END SECTION			CONNECT TO STR.	REMARKS			
	STATION	LEFT	RIGHT	CROSS					COVER LFT	UP STREAM ELEV.	DOWN STREAM ELEV.							TOP OF WEIR ELEV.	ORIFICE INVERT ELEV.	ORIFICE DIAMETER IN.	SUMP DEPTH IN.	GEOTEXTILE SYS.	RIPRAP TYPE	TONS			EA.	EA.	TYPE	SLOPE	EA.	TYPE			SLOPE	EA.	
223	496+75		X			15	2																												219	With Slotted Drains	
224	498+50	X				48	2																												222		
225	498+50	X				15																													224		
226	498+50		X			12	2																												225	With Slotted Drains	
227	500+25		X			15	2																												225	With Slotted Drains	
228	502+00	X				15																													229	With Slotted Drains	
229	502+00		X			30	2																													Outfall	
230	503+75	X				12	2																													228	With Slotted Drains
231	505+50		X			15																														232	With Slotted Drains
232	505+50	X				48	2																													229	
233	507+25	X				15	2																													231	With Slotted Drains
234	508+85	X				48	2																													232	
235	509+00	X				12	2																													233	With Slotted Drains
236	509+00		X			24	2																													234	
237	510+75		X			15	2																													238	With Slotted Drains
238	512+50	X				15																														239	With Slotted Drains
239	512+50		X			48	2																													236	
240	514+50		X			15																														241	
241	514+50	X				48	2																													239	
242	516+50		X			15	2																													240	
243	518+50		X			15																														244	With Slotted Drains
244	518+50	X				24	2																													Outfall	
245	520+75		X			15	2																													243	
246	520+75	X				48	2																													244	
247	523+00		X			15																														248	
248	523+00	X				48	2																													246	
249	523+85	X				48	2																													248	
250	524+00	X				24	2																													249	
251	525+25		X			18																														252	With Slotted Drains
252	525+25	X				48	2																													250	
253	527+50		X			15	2																													251	
254	528+00	X				48	2																													252	
255	529+75		X			15	2																													258	
256	530+72	X				48	2																													254	
257	532+00	X				12	2																													258	With Slotted Drains
258	532+00		X			18																														259	With Slotted Drains
259	532+00	X				48	2																													256	
260	534+00		X			15	2																													258	
261	535+20	X				15	2																													Outfall	

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RECOMMENDED FOR APPROVAL _____ DESIGNED: AMD CHECKED: DJG	DESIGN ENGINEER _____ DRAWN: JJP CHECKED: DJG	DATE _____	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE	BRIDGE FILE
					VERTICAL SCALE	DESIGNATION 1700135
STRUCTURE DATA TABLE					SURVEY BOOK	SHEETS
					Electronic	185 of 190
					CONTRACT	PROJECT
					R-41529	1700135

**STRUCTURE DATA**

STRUCTURE NUMBER	LOCATION				SIZE PIPE TYPE FT IN.	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	OUTLET CONTROL			SCOUR PROTECTION				CONCRETE COLLAR EA.	PIPE END SECTION EA.	SAFETY METAL END SECTION			GRATED BOX END SECTION			CONNECT TO STR.	REMARKS				
	STATION	LEFT	RIGHT	CROSS					COVER	UP STREAM ELEV.	DOWN STREAM ELEV.							TOP OF WEIR ELEV.	ORIFICE INVERT ELEV.	ORIFICE DIAMETER IN.	SUMP DEPTH IN.	GEOTEXTILE SYS.	RIPRAP TYPE	TONS			EA.	EA.	TYPE	SLOPE	EA.	TYPE			SLOPE	EA.		
262	536+50	X			36	2	Manhole J4	125		557.27	557.14																							261				
263	536+50		X		15		Inlet H-5	85		562.88	561.02																							262				
264	536+79		X		18	2	Trenchless Installation Manhole C4	120		560.74	559.00													1										Outfall				
265	535+64		X		18	2	Pipe	113		565.00	560.74																							264				
266	539+75	X			36	2	Manhole J4	95		559.27	559.17																							268				
267	539+75		X		12		Inlet HA-5	71		563.81	561.82																							266				
268	540+75	X			36	2	Trenchless Installation Manhole J4	45		559.07	559.02																								271			
269	540+75		X		15		Modified Manhole J5	63		561.45	561.26																								268			
270	540+75		X		12	2	Trenchless Installation Inlet HA-5	4		561.85	561.70																								269			
271	541+25	X			15	2	Mod. Manhole K4 w/ Weir	31		559.02	558.87													1											Outfall			
272	542+00		X		12	2	Inlet HA-5	121		562.38	561.95														1										270	With Slotted Drains		
273	543+25			X	15	2	Inlet H-5	121		560.82	559.81																								274			
274	544+50			X	15		Inlet H-5	77		559.71	559.52																								Outfall	With Slotted Drains		
275	545+25		X		12		Trenchless Installation Inlet HA-5	75		559.42	559.15														1											Outfall	With Slotted Drains	
276	546+40			X	15		Trenchless Installation Inlet H-5	83		558.16	557.93																									Outfall		
277	548+75			X	15		Trenchless Installation Inlet H-5	72		556.52	556.17																									Outfall		
278	551+00			X	15		Trenchless Installation Inlet H-5	72		554.53	554.32																									Outfall	With Slotted Drains	
279	553+00	X			12	2	Trenchless Installation Inlet HA-5	4		553.15	553.00																									280		
280	553+00		X		18		Modified Manhole J5	75		550.11	549.88																									281		
281	553+00		X		18		Trenchless Installation Mod. Inlet P12	70		549.79	549.51																									282		
282	553+00		X		24	2	Trenchless Installation Manhole C4	199		549.16	548.84																									284		
283	555+00			X	15	2	Inlet H-5	196		550.95	550.36																									280		
284	555+00		X		24	2	Manhole C4	210		548.74	548.40																									Outfall		
285	557+00			X	15	2	Inlet H-5	196		547.97	545.62																									287	With Slotted Drains	
286	559+00	X			12	2	Inlet HA-5	4		547.78	547.63																									287		
287	559+00		X		18		Modified Manhole J5	77		544.55	544.24																									288		
288	559+00		X		60	2	Trenchless Installation Manhole L4	191		540.11	539.92																										290	
289	561+00			X	15	2	Inlet H-5	196		545.58	544.80																									287		
290	561+00		X		18	2	Mod. Manhole L4 w/ Weir	19		539.92	539.82														1											Outfall		
291	563+00	X			12	2	Inlet HA-5	4		544.19	544.04																									292	With Slotted Drains	
292	563+00		X		15		Modified Manhole J5	75		541.18	540.80																										293	With Slotted Drains
293	563+00		X		48	2	Trenchless Installation Manhole K4	193		536.43	536.24																										295	
294	565+00			X	15	2	Inlet H-5	196		541.88	541.29																										292	
295	565+00		X		18	2	Mod. Manhole K4 w/ Weir	7		536.24	536.2														1											Outfall		
296	566+50		X		18	2	Mod. Manhole K4 w/ Weir	24		532.02	531.9														1											Outfall		
297	567+00			X	15	2	Inlet H-5	196		539.97	537.22																										298	
298	569+00			X	15		Inlet H-5	69		538.65	538.49																										299	With Slotted Drains
299	569+00		X		48	2	Trenchless Installation Manhole K4	243		532.26	532.02																										296	
300	571+00			X	15	2	Inlet H-5	196		536.50	534.85																										301	

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RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>		HORIZONTAL SCALE	BRIDGE FILE
	<b>STRUCTURE DATA TABLE</b>		VERTICAL SCALE	N/A
DESIGNED: AMD	DRAWN: JJP			DESIGNATION
CHECKED: DJG	CHECKED: DJG			1700135
			SURVEY BOOK	SHEETS
			Electronic	186 of 190
			CONTRACT	PROJECT
			R-41529	1700135

STRUCTURE DATA

Table with columns: STRUCTURE NUMBER, LOCATION (STATION, LEFT, RIGHT, CROSS, OFFSET), SIZE (PIPE TYPE, FT, IN.), DESCRIPTION, LENGTH (LFT), SKEW, FLOW LINE (COVER, UP STREAM, DOWN STREAM), SERVICE LIFE (YRS), SITE DESIGNATION, PH, BACKFILL METHOD, STRUCTURE BACKFILL (CYS), TYPE, OUTLET CONTROL (TOP OF WEIR, ORIFICE INVERT, ORIFICE DIAMETER), SCOUR PROTECTION (SUMP DEPTH, GEOTEXTILE, RIPRAP), CONCRETE COLLAR, PIPE END SECTION, SAFETY METAL END SECTION, GRATED BOX END SECTION, CONNECT TO STR., REMARKS.

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RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE, DESIGNED: AMD DRAWN: JJP, CHECKED: DJG CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION, STRUCTURE DATA TABLE

Table with 2 columns: SCALE, SHEETS. Horizontal Scale: BRIDGE FILE N/A, Vertical Scale: DESIGNATION 1700135, Survey Book: Electronic 187 of 190, Contract: PROJECT R-41529, Project: 1700135

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION				SIZE PIPE TYPE IN. FT.	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	OUTLET CONTROL			SCOUR PROTECTION				CONCRETE COLLAR EA.	PIPE END SECTION EA.	SAFETY METAL END SECTION			GRATED BOX END SECTION			CONNECT TO STR.	REMARKS														
	STATION	LEFT	RIGHT	CROSS					COVER	UP STREAM ELEV.	DOWN STREAM ELEV.							TOP OF WEIR ELEV.	ORIFICE INVERT ELEV.	ORIFICE DIAMETER IN.	SUMP DEPTH IN.	GEOTEXTILE SYS.	RIPRAP TYPE	TONS			EA.	EA.	TYPE	SLOPE	EA.	TYPE			SLOPE	EA.												
																																					ELEV.	ELEV.	IN.	IN.	SYS.	TYPE	TONS	EA.	EA.	TYPE	SLOPE	EA.
340	609+00	X				18	2	Mod. Manhole J4 w/ Weir	24		586.08	585.96						588.800	586.080	6														1				Outfall										
341	609+75		X			12	2	Inlet HA-5	171		590.99	590.38																										342										
342	611+50		X			15	2	Inlet HA-5	70		590.13	589.37																										344										
343	612+25			X		12	2	Inlet H-5	4		590.69	590.54																										344										
344	621+25		X			18		Mod. Manhole J5 Trenchless Installation	63		588.96	588.71																										345										
345	621+25		X			36	2	Manhole J4	320		587.04	586.08																										340										
346	613+35			X		15	2	Inlet H-5	106		589.52	589.22																									344	With Slotted Drains										
347	614+50			X		15	2	Inlet H-5	44		589.06	588.94																									348	With Slotted Drains										
348	614+98			X		15	2	Inlet H-5	48		588.84	588.71																									349	With Slotted Drains										
349	615+50			X		15	2	Inlet H-5	71		588.61	588.41																										350										
350	616+25		X			15	2	Inlet HA-5	71		588.31	588.11																										351										
351	617+00			X		18	2	Inlet H-5	71		587.86	587.51																										352										
352	617+75		X			24		Mod. Manhole J5 Trenchless Installation	61		586.95	586.18																									353	With Slotted Drains										
353	617+75		X			60	2	Manhole L4	357		582.86	582.50																										359										
354	618+50			X		15	2	Inlet H-5	71		588.16	587.45																										352										
355	619+25		X			12	2	Inlet HA-5	71		588.66	588.41																										354										
356	620+00			X		15	2	Inlet H-5	71		588.03	587.83																									357	With Slotted Drains										
357	620+75		X			15	2	Inlet HA-5	61		587.73	587.56																										358										
358	621+40			X		18		Inlet H-5 Trenchless Installation	64		587.31	586.29																										359										
359	621+40		X			24	2	Mod. Manhole L4 w/ Weir	22		582.50	582.38					587.00	582.50	8																		1		Outfall									
360	622+00		X			12	2	Inlet HA-5	71		587.84	586.26																										362	With Slotted Drains									
361	622+75	X				12	2	Inlet HA-5	4		587.50	587.35																										362										
362	622+75		X			18		Mod. Manhole J5 Trenchless Installation	62		585.55	585.15																											363									
363	622+75		X			48	2	Manhole K4	294		580.71	580.42																											369									
364	623+50		X			15	2	Inlet HA-5	71		586.08	585.80																											362									
365	624+25			X		15	2	Inlet H-5	71		586.46	586.18																										364	With Slotted Drains									
366	625+00		X			12	2	Inlet HA-5	71		586.91	586.65																											365									
367	625+75	X				12	2	Inlet HA-5	4		586.61	586.46																											368									
368	625+75		X			15		Mod. Manhole J5 Trenchless Installation	62		584.51	584.19																											369									
369	625+75		X			48	2	Manhole K4	219		580.32	580.10																											372									
370	626+75		X			15	2	Inlet HA-5	96		584.89	584.62																										368	With Slotted Drains									
371	627+75		X			15	2	Inlet H-5	96		585.26	584.99																										370										
372	628+00		X			18	2	Mod. Manhole K4 w/ Weir	13		580.10	580.04					583.50	580.10	6																			1		Outfall								
373	629+00			X		15	2	Inlet H-5	96		584.83	584.45																											374	With Slotted Drains								
374	630+00		X			15		Inlet H-5 Trenchless Installation	69		584.35	583.63																											1		Outfall With Slotted Drains							
375	631+00		X			15	2	Mod. Manhole K4 w/ Weir	14		578.84	578.77					582.00	578.84	6																				1		Outfall							
376	631+25		X			15	2	Inlet H-5	96		584.00	583.63																											377									
377	632+25		X			15	2	Inlet H-5	96		583.53	583.15																											378	With Slotted Drains								
378	633+25			X		15	2	Inlet H-5	96		583.05	582.36																											379	With Slotted Drains								

I:\4\14\2022\11\36\23 AM\ P:\200035 - 165 ATL\09Road\04 Design files\02\_DGN\Plans\200035\_27\_Sht\_STR\_DATA\_Table\_08.dgn

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE _____	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE _____	BRIDGE FILE _____
DESIGNED: AMD DRAWN: JJP		VERTICAL SCALE _____	DESIGNATION _____
CHECKED: DJG CHECKED: DJG	STRUCTURE DATA TABLE	SURVEY BOOK _____	SHEETS _____
		Electronic 188 of 190	CONTRACT PROJECT _____
		R-41529	1700135

**STRUCTURE DATA**

STRUCTURE NUMBER	LOCATION				SIZE PIPE TYPE FT IN.	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	OUTLET CONTROL			SCOUR PROTECTION				CONCRETE COLLAR EA.	PIPE END SECTION EA.	SAFETY METAL END SECTION			GRATED BOX END SECTION			CONNECT TO STR.	REMARKS					
	STATION	LEFT	RIGHT	CROSS OFFSET					COVER LFT	UP STREAM ELEV.	DOWN STREAM ELEV.							TOP OF WEIR ELEV.	ORIFICE INVERT ELEV.	ORIFICE DIAMETER IN.	SUMP DEPTH IN.	GEOTEXTILE SYS.	RIPRAP TYPE	TONS			EA.	EA.	TYPE	SLOPE	EA.	TYPE			SLOPE	EA.			
379	634+25		X		15	Inlet H-5 Trenchless Installation	65		582.26	581.61																									380				
380	634+25		X		48	2 Manhole K4	319		579.16	578.84																										375			
381	635+50			X	15	2 Inlet H-5	121		583.07	582.10																										382	With Slotted Drains		
382	636+75			X	18	Inlet H-5 Trenchless Installation	64		581.58	580.94																										383	With Slotted Drains		
383	636+75		X		60	2 Manhole L4	392		575.74	575.35																										388			
384	638+00			X	15	2 Inlet H-5	121		582.44	581.83																										382			
385	639+25			X	15	2 Inlet H-5	146		582.04	580.58																										387	With Slotted Drains		
386	640+75	X			12	2 Inlet HA-5	4		581.93	581.78																										387			
387	640+75		X		18	Mod. Manhole J5 Trenchless Installation	61		580.05	579.50																										388	With Slotted Drains		
388	640+75		X		60	2 Manhole L4	267		575.25	574.98																										393			
389	641+90			X	15	2 Inlet H-5	111		580.87	580.32																										387	With Slotted Drains		
390	642+41			X	15	2 Inlet H-5	47		581.11	580.97																										389	With Slotted Drains		
391	642+90			X	15	2 Inlet H-5	56		581.16	580.99																										392	With Slotted Drains		
392	643+50			X	15	Inlet H-5 Trenchless Installation	64		580.89	579.07																										393	With Slotted Drains		
393	643+50		X		24	2 Mod. Manhole L4 w/ Weir	38		574.98	574.79								579.80	974.98	8																	Outfall		
394	644+50			X	15	2 Inlet H-5	96		581.97	581.43																											392		
395	646+25			X	18	Inlet H-5 Trenchless Installation	64		583.34	581.42																											396		
396	646+25		X		18	2 Mod. Manhole L4 w/ Weir	9		577.62	577.57								582.50	577.62	6																	Outfall		
397	648+35			X	60	2 Manhole L4	202		577.82	577.62																											396		
398	648+50			X	15	2 Inlet H-5	221		588.44	584.11																											395	With Slotted Drains	
399	648+50			X	18	2 Mod. Manhole L4 w/ Weir	7		583.12	583.11								587.30	583.12	6																	397		
1100	651+25			X	15	Inlet H-5 Trenchless Installation	65		596.27	594.47																											1101		
1101	651+25		X		48	2 Manhole K4	268		585.26	583.12																											399		
1102	655+00			X	15	Mod. Manhole J5 Trenchless Installation	61		604.35	604.18																											1103		
1103	655+00			X	18	2 Mod. Manhole L4 w/ Weir	13		600.80	600.66								605.14	600.80	6																	Outfall		
1104	655+30			X	15	2 Inlet H-5	26		607.50	606.98																											1102	With Slotted Drains	
1105	655+50			X	15	2 Inlet H-5	16		607.90	607.60																											1104	With Slotted Drains	
1106	656+00	X			12	2 Inlet HA-5	4		609.37	609.20																											1107		
1107	656+00			X	15	2 Manhole C4	196		609.05	608.07																											1109		
1108	658+00			X	12	2 Inlet HA-5	4		612.65	612.50																											1109		
1109	658+00			X	18	Mod. Manhole J5 Trenchless Installation	61		607.82	607.21																											1110		
1110	658+00			X	54	2 Manhole L4	292		601.09	600.80																											1103		
1111	659+23			X	30	Pipe Extension	4																															Remove Exist. Inlet	
1112	662+92			X	30	Exist. Inlet																																Remove Inlet & 3 Lft of Pipe	
1113	664+75			X	15	Inlet H-5 Trenchless Installation	64		612.09	610.55																											1114		
1114	664+75			X	54	2 Manhole L4	217		600.75	600.53																												1117	
1115	667+00			X	12	2 Inlet HA-5	4		609.48	609.33																												1116	
1116	667+00			X	15	Mod. Manhole J5 Trenchless Installation	61		605.84	605.53																												1117	
1117	667+00			X	54	2 Manhole L4	317		600.43	600.11																											1120		

RECOMMENDED FOR APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_  
 DESIGN ENGINEER  
 DESIGNED: AMD DRAWN: JJP  
 CHECKED: DJG CHECKED: DJG

**INDIANA  
DEPARTMENT OF TRANSPORTATION**

**STRUCTURE DATA TABLE**

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	N/A
	DESIGNATION
	1700135
SURVEY BOOK	SHEETS
Electronic	189 of 190
CONTRACT	PROJECT
R-41529	1700135

**STRUCTURE DATA**

STRUCTURE NUMBER	LOCATION					SIZE PIPE TYPE	DESCRIPTION MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH LFT	SKEW	FLOW LINE			SERVICE LIFE YRS	SITE DESIGNATION	PH	BACKFILL METHOD	STRUCTURE BACKFILL CYS	TYPE	OUTLET CONTROL			SCOUR PROTECTION				CONCRETE COLLAR EA.	PIPE END SECTION EA.	SAFETY METAL END SECTION			GRATED BOX END SECTION			CONNECT TO STR.	REMARKS				
	STATION	LEFT	RIGHT	CROSS	OFFSET FT					COVER LFT	UP STREAM ELEV.	DOWN STREAM ELEV.							TOP OF WEIR ELEV.	ORIFICE INVERT ELEV.	ORIFICE DIAMETER IN.	SUMP DEPTH IN.	GEOTEXTILE SYS.	RIPRAP TYPE	TONS			EA.	EA.	TYPE	SLOPE	EA.	TYPE			SLOPE	EA.		
1118	669+00			X		15	2	Inlet H-5	196			606.73	605.95																					1116	With Slotted Drains				
1119	670+25			X		15		Inlet H-5 Trenchless Installation	64			605.69	603.32																					1120					
1120	670+25		X			18	2	Mod. Manhole L4 w/ Weir	15			600.11	599.96							604.25	600.11	8													Outfall				
1121	670+44			X				Modified G. B.E.S.																											1	10:1	1	Connect to Existing 30" Pipe	
1122	671+50			X		15		Inlet H-5 Trenchless Installation	65			604.05	603.87																						1123				
1123	671+50		X			48	2	Manhole K4	130			600.90	600.77																						1125				
1124	672+50			X		15	2	Inlet H-5	96			604.42	604.15																						1122	With Slotted Drains			
1125	672+86		X			18	2	Mod. Manhole L4 w/ Weir	13			600.66	600.53							604.00	600.78	6														1	10:1	1	Connect to Existing 30" Pipe
1126	672+87			X		30	2	Modified G. B.E.S. Pipe Extension	5																														
1127	673+00			X		15	2	Inlet H-5	46			604.65	604.52																							1124	With Slotted Drains		
1128	673+58			X		18		Inlet H-5 Trenchless Installation	64			603.47	602.83																								1129	With Slotted Drains	
1129	673+58		X			18	2	Mod. Manhole L4 w/ Weir	26			600.19	600.06							604.00	600.19	6															1	Outfall	
1130	674+00			X		15	2	Inlet H-5	38			604.08	603.97																								1128	With Slotted Drains	
1131	675+00			X		15	2	Inlet H-5	96			604.45	604.18																								1130	With Slotted Drains	
1132	676+25			X		15	2	Inlet H-5	131			605.10	604.44																								1133		
1133	677+60			X		15		Inlet H-5 Trenchless Installation	65			604.34	604.01																									1134	
1134	677+60		X			48	2	Manhole K4	395			600.59	600.19																									1129	

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RECOMMENDED FOR APPROVAL _____	DESIGN ENGINEER _____ DATE _____	<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>	HORIZONTAL SCALE	BRIDGE FILE
DESIGNED: AMD _____	DRAWN: JJP _____		VERTICAL SCALE	DESIGNATION
CHECKED: DJG _____	CHECKED: DJG _____	<b>STRUCTURE DATA TABLE</b>	SURVEY BOOK	SHEETS
			Electronic	190 of 190
			CONTRACT	PROJECT
		R-41529	1700135	