

PROJECT	DESIGNATION
NH-006-4(047)	9223010
CONTRACT	
R-24951	

**INDIANA
DEPARTMENT OF
TRANSPORTATION**

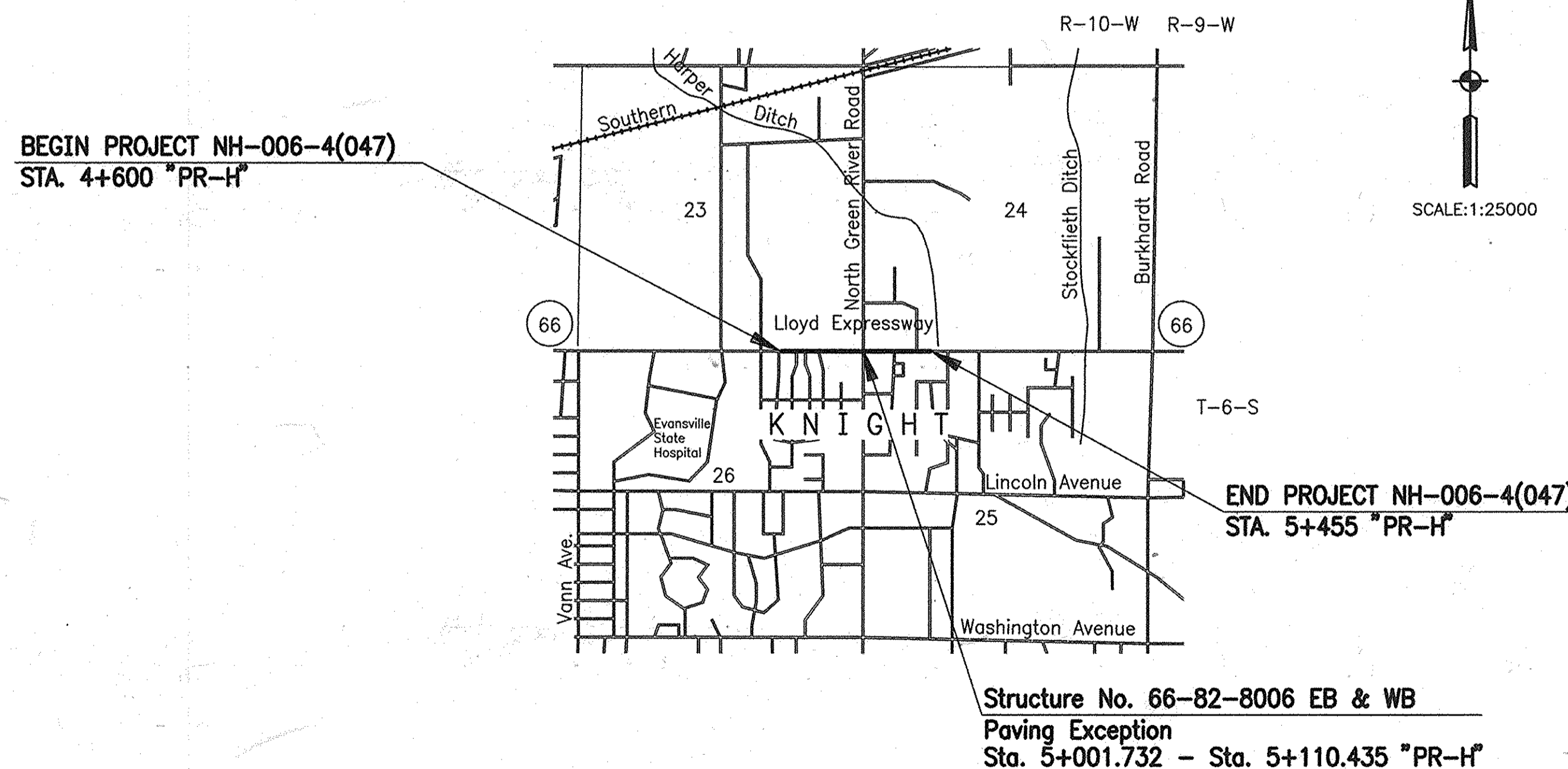
ROAD PLANS

**INTERCHANGE MODIFICATION
STATE ROAD 66 (LLOYD EXPRESSWAY)
AT GREEN RIVER ROAD
VANDERBURGH COUNTY**

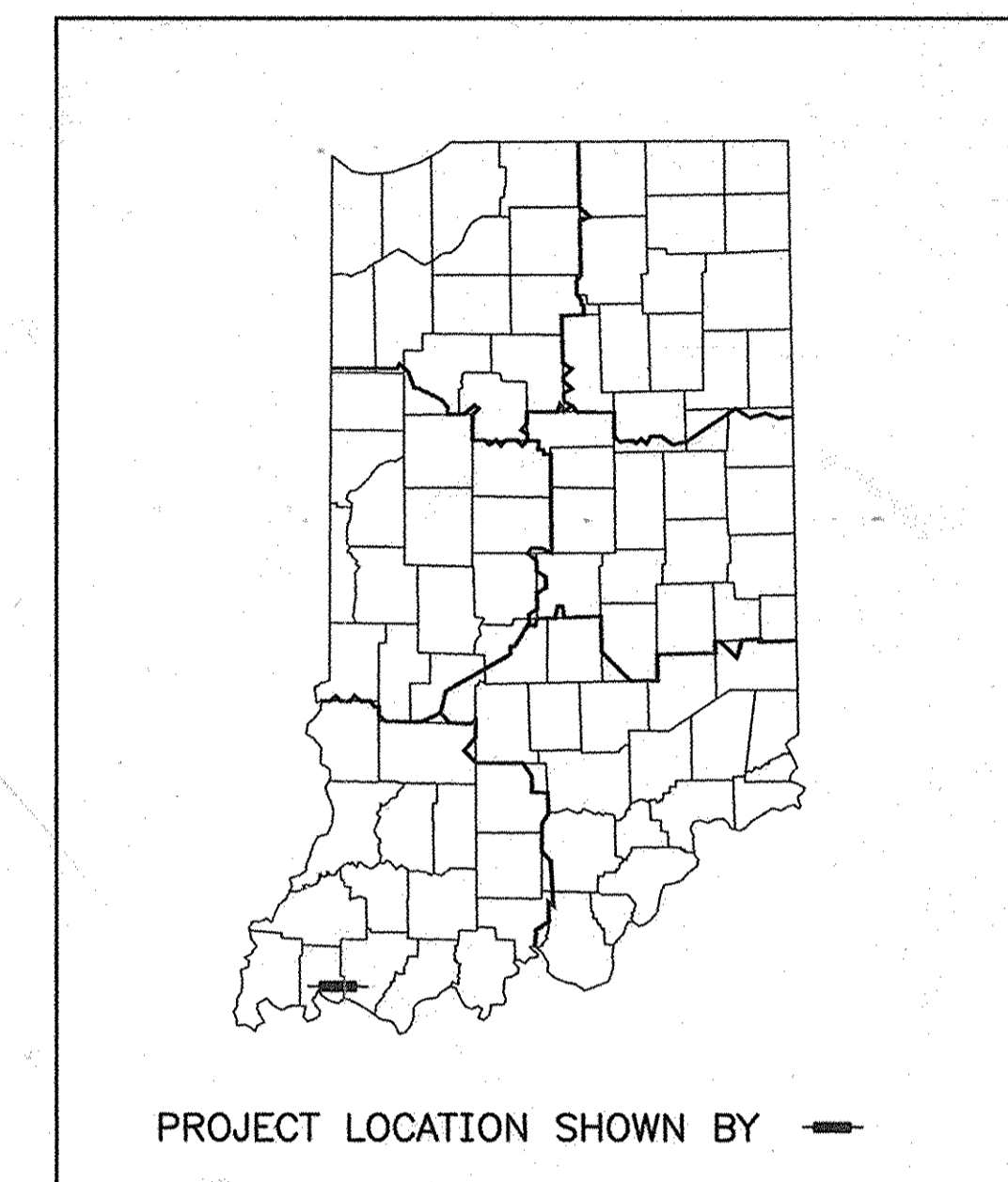
NH PROJECT NO. 006-4 (036) P.E.
NH PROJECT NO. 006-4 (036) R/W
NH PROJECT NO. 006-4 (047) CONST.

Beginning @ a point approximately 465 m West of the Centerline of Green River Road @ R.P. 29+64 then running East approximately 855 m, said point being approximately 390 m East of the Centerline of Green River Road @ R.P. 30+16, all in Sections 23, 24, 25, 26, T.6S., R.10W., Knight Township, Vanderburgh County.

Gross Length = 0.855 Km
 Net Length = 0.758 Km
 Max. Grade: 3.978%



TRAFFIC DATA	S.R. 66 (Lloyd Expressway)	Green River Road
A.A.D.T. (2001)	49965 V.P.D.	40150 V.P.D.
A.A.D.T. (2021)	63664 V.P.D.	51157 V.P.D.
D.H.V. (2021)	5730 V.P.H.	4604 V.P.H.
DIRECTIONAL DISTRIBUTION	50%	50%
TRUCKS	4% D.H.V.	3% D.H.V.
	4% A.A.D.T.	2% A.A.D.T.
ESAL	8,200,000	4,100,000
DESIGN DATA		
DESIGN SPEED	(POSTED 50 M.P.H.) 80 km/h	(POSTED 30 M.P.H.) 50 km/h
PROJECT DESIGN CRITERIA	PARTIAL RECONSTRUCTION (4R)	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	(OTHER) PRINCIPAL ARTERIAL	MINOR ARTERIAL
RURAL/URBAN	URBAN (INTERMEDIATE)	URBAN (BUILT UP)
TERRAIN	LEVEL	LEVEL
ACCESS CONTROL	PARTIAL	NONE



R-24951 / of 3

VANDERBURGH COUNTY

[INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 1999
TO BE USED WITH THESE PLANS]

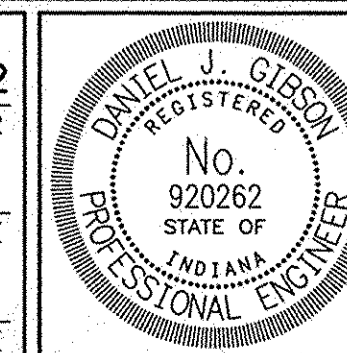
PLANS PREPARED BY:

BEAM, LONGEST & NEFF, L.L.C.
 Consulting Engineers
 8126 Castleton Rd. Indianapolis, Indiana 46250
 Telephone: (317) 849-5832

FEDERAL HIGHWAY ADMINISTRATION
 U.S. DEPT. OF TRANSPORTATION
 APPROVED: _____
 DATE _____

DIVISION ADMINISTRATOR

PLANS PREPARED BY: Beam, Longest & Neff, L.L.C. (317) 849-5832
 PHONE NUMBER
 CERTIFIED BY: *Daniel J. Gieson* 6/19/01 DATE
 APPROVED FOR LETTING: *Phyllis K. Kline* 12/15/2001 DATE
 CHIEF, DIVISION OF DESIGN



DESIGNATION NO.	9223010
SHEETS	1 of 147
PROJECT NO.	NH-006-4 (047)
CONTRACT	R-24951

UTILITIES

WATER: Evansville Water and Sewer
 1931 Allens La.
 Evansville, IN 47712
 (812) 421-2130
 ATTN: Gary Leek
TELEPHONE: Ameritech
 134 NW 6th St.
 Evansville, IN 47708
 (812) 464-6054
 ATTN: Gary Potts
 Engineering Dept.
CABLE: TCI of Evansville
 1900 Northfares Ave.
 Evansville, IN 47711
 (812) 422-1167
 ATTN: Don Baumholser
ELECTRIC: SIGECO
 20 NW 4th St.
 Evansville, IN 47741-0001
 (812) 464-4587
 ATTN: Robert Gulick

REVISIONS

SHEET NO.	DATE	REVISED
1	9-9-02	ESAL Info Deleted.
2	9-9-02	Legend Revised
3-9	9-9-02	Subgrade Treatment and Legend Revised
12-30	9-9-02	Legend Revised
31	9-9-02	Legend Removed
32	9-9-02	Subgrade Treatment and Structure Backfill Revised
33,37,39,41,45	9-9-02	Legend Removed
65	9-9-02	Structure Backfill Revised
82	9-9-02	Asphalt and Aggregate Items Revised
85-90	9-9-02	Structure Backfill Revised

R/W INDEX

SHEET NO.	DESIGNATION

GENERAL NOTES

All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified.
 The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
 The paper relocation will be cross sectioned by the Engineer before construction.
 Existing asphalt pavement located outside the construction limits, between Sta. _____ and Sta. _____, shall be removed as directed.
 The quantity of peat excavation shown on the plans has been estimated on the basis of theoretical cross sections by using treatment of existing fills, treatment by removal, or treatment by displacement, where each treatment applies.
 An undistributed quantity of Lime-Kiwi dust modification, 400 mm has been added to the contract. This material will be used as directed by the engineer.

** REPRESENTS GENERAL NOTES REQUIRED

Master Legend

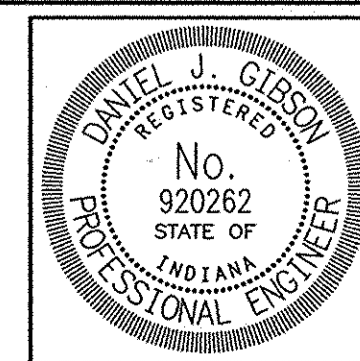
- (A) Mainline Pavement
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Course Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0, 53) No. 53, Base
- (B) Concrete, C, Sidewalk
- (C) Cement Concrete Pavement
for Drives, 150 mm on
150 mm Compacted Aggregate, No. 53, Base
Base No. 53
- (D) 240 kg/m² HMA, for Approaches on Type A, Approaches
200 mm Compacted Aggregate, Base, No. 53
- (E) 75 kg/m² HMA Surface, 9.5 mm, Shoulder on
165 kg/m² HMA Intermediate, 19.0 mm, Shoulder
- (F) Sidewalk, Concrete, 100 mm
- (J) Shoulder
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Course Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0, 53) No. 53, Base
- (J1) Reinforced Shoulder
QC/QA - PCCP, 250 mm, Reinforced on Subbase for PCCP
(100 mm of Course Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0, 53) No. 53, Base
- (K) 75 kg/m² HMA Surface, 9.5 mm, Mainline on
165 kg/m² HMA Intermediate, 19.0 mm, Mainline on
240 kg/m² HMA Base, 25.0 mm, Mainline on
195 kg/m² HMA Base, 25.0 mm, Mainline on
240 kg/m² HMA Base, 25.0 mm, Mainline on
- (K9) 75 kg/m² HMA Surface, 9.5 mm, Mainline on
165 kg/m² HMA Intermediate, 19.0 mm, Mainline on
- (P) Cement Concrete Pavement Patch
- ① Concrete Median Barrier
- ② Barrier, Concrete, 840 mm, Modified
- ③ Longitudinal Joint
- ⑧ Expansion Joint w/Load Transfer, 25 mm
- ⑩ Terminal Joint
- ⑬ Curb, Concrete
- ⑭ Integral Concrete Curb
- ⑮ Curb & Gutter, Concrete
- ⑰ Longitudinal Construction Joint
- ⑳ Center Curb, Concrete, Type "D"
- ㉑ Retrofitted Tie Bar
- ⊕ Curb Ramp, Concrete, Type "-"
- [B] Begin L.A. R/W, A.C.L. & C.L.T.F.
- [E] Begin L.A. R/W
- [E] End L.A. R/W, A.C.L. & C.L.T.F.
- [E] End L.A. R/W

INDEX TO SHEETS

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10	PLAT NO. 1	
11	INTERCHANGE GEOMETRICS DETAIL	
12-30	MAINTENANCE OF TRAFFIC	
31-46	PLAN & PROFILE	
47-49	RAMP PROFILES	
50	SUPERELEVATION DIAGRAM	
51-66	CONSTRUCTION DETAILS	
67-74	EROSION CONTROL PLAN	
75	TRAFFIC SIGNAL DETAIL	
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79-81	MISCELLANEOUS TABLES	
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85-90	STRUCTURE DATA TABLE	
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92-147	CROSS SECTIONS	

NOTE
SEE CONTRACT INFORMATION BOOK FOR
INDEX OF METRIC ROAD STANDARDS.

- (E) 90 kg/m² HMA, Type A, Surface on
150 kg/m² HMA, Type A, Intermediate
- (K) 90 kg/m² QC/QA-HMA, 3, 76, Surface, 9.5 mm on
150 kg/m² QC/QA-HMA, 3, 76, Intermediate, 19.0 mm on
240 kg/m² QC/QA-HMA, 3, 64, Base, 25.0 mm on
195 kg/m² QC/QA-HMA, 5, 76, Intermediate, 19.0 mm on
240 kg/m² QC/QA-HMA, 3, 64, Base, 25.0 mm
- (K9) 90 kg/m² QC/QA-HMA, 3, 76, Surface, 9.5 mm on
150 kg/m² QC/QA-HMA, 3, 76, Intermediate, 19.0 mm



RECOMMENDED FOR APPROVAL: *D.J.G.* 9/12/02
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: MTM
 CHECKED: MAE CHECKED: DJG

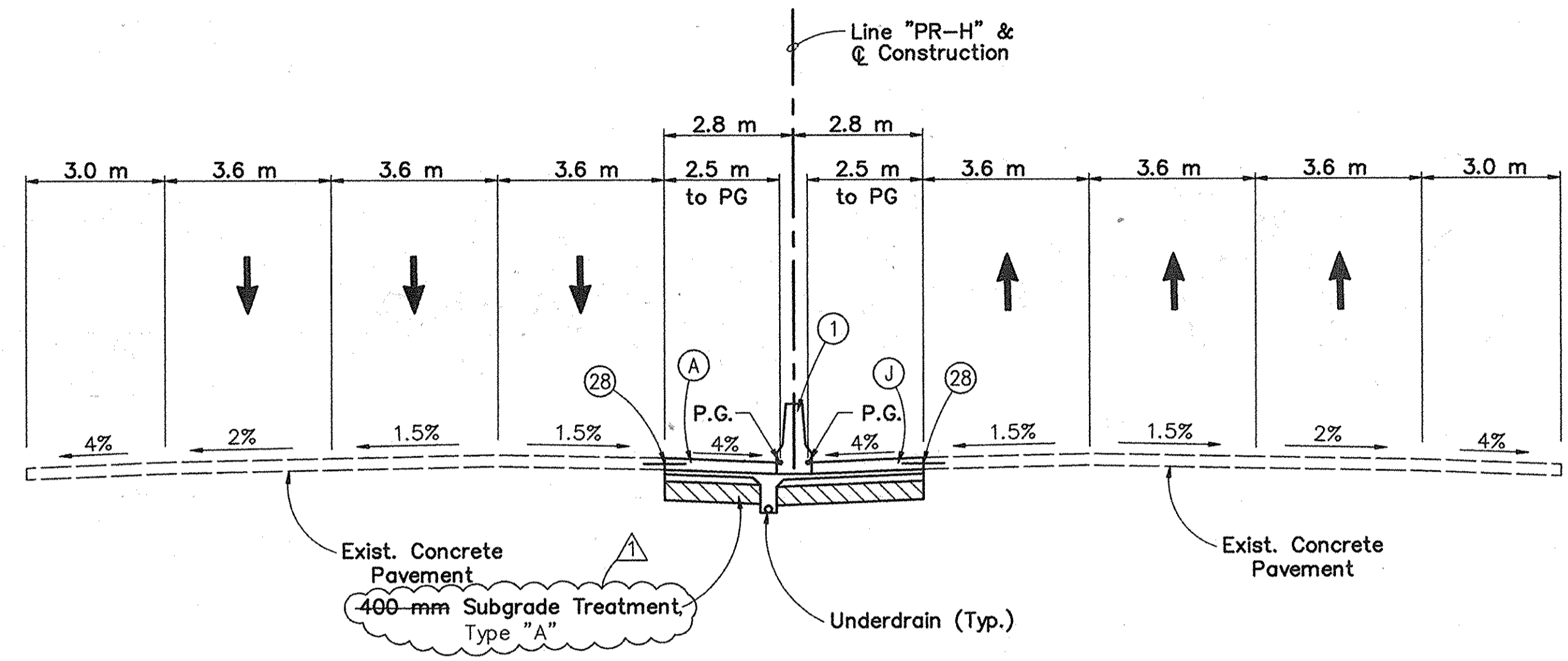
INDIANA
DEPARTMENT OF TRANSPORTATION
INDEX SHEET

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
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R-24951	NH-006-4(047)

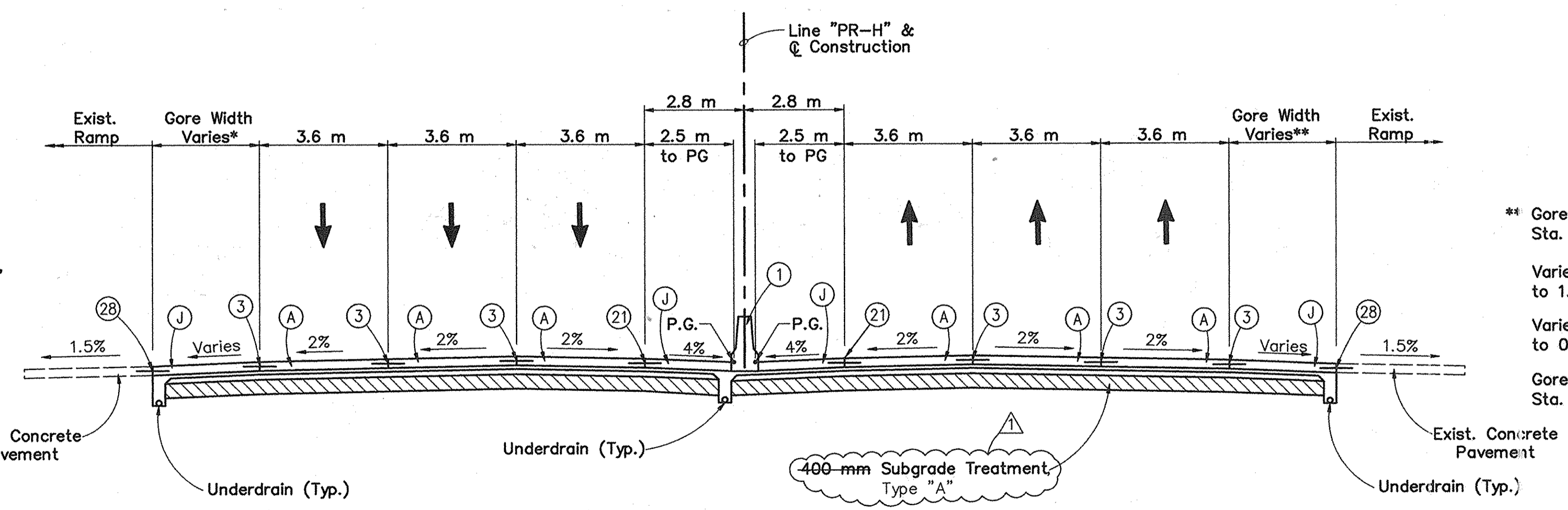
LEGEND

- Ⓐ Mainline Pavement
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0, 53)
No. 53, Base)
- Ⓝ Shoulder
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, Type "0", 53)
No. 53, Base)
- ① Concrete Median Barrier, 840 mm
- ③ Longitudinal Joint
- ②① Longitudinal Construction Joint
- ②⑧ Retrofitted Tie Bar

NOTE: Concrete pavement contraction joints, Type "D-1", shall be spaced at 5.5 meters.
P.G. = Profile Grade



Incidental Construction - Median (S.R. 66)
Sta. 4+400.000 "PR-H" to Sta. 4+600.000 "PR-H"
Sta. 5+455.000 "PR-H" to Sta. 5+561.000 "PR-H"



* Gore not present Sta. 4+600 "PR-H" to Sta. 4+613.511 "PR-H".
Varies from 0.726 m @ Sta. 4+613.511 "PR-H" to 1.505 m @ Sta. 4+633 "PR-H".
Varies from 1.602 m @ Sta. 5+351 "PR-H" to 1.335 m @ Sta. 5+357.678 "PR-H".
Gore not present Sta. 5+367.678 "PR-H" to Sta. 5+455 "PR-H".

** Gore not present from Sta. 4+600 "PR-H" to Sta. 4+628.751 "PR-H".
Varies from 1.335 m @ Sta. 4+628.751 "PR-H" to 1.505 m @ Sta. 4+633 "PR-H".
Varies from 4.346 m @ Sta. 5+351 "PR-H" to 0.726 m @ Sta. 5+441.498 "PR-H".
Gore not present from Sta. 5+441.498 "PR-H" to Sta. 5+455 "PR-H".

Typical Cross Section In Tangent - (S.R. 66)
Sta. 4+600.000 "PR-H" to Sta. 4+633.000 "PR-H"
Sta. 5+351.000 "PR-H" to Sta. 5+455.000 "PR-H"

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	RECOMMENDED FOR APPROVAL	 DESIGN ENGINEER	9/12/02 DATE	INDIANA DEPARTMENT OF TRANSPORTATION TYPICAL CROSS SECTION LINE "PR-H" (S.R. 66)	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: DJG	DRAWN: MTM	VERTICAL SCALE		DESIGNATION	
	CHECKED: MAE	CHECKED: DJG	NA		9223010	
				SURVEY BOOK		SHEETS
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						NH-006-4(047)

LEGEND

- (A) Mainline Pavement
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate for Base, 0-53)
No. 53, Base)
- (E) 75 kg/m² HMA Surface 9.5 mm, Shoulder on
165 kg/m² HMA Intermediate 19.0 mm, Shoulder
- (J) Shoulder
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate for Base, 0-53)
No. 53, Base)
- (II) Reinforced Shoulder
QC/QA - PCCP, 250 mm, Reinforced on Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate for Base, 0-53)
No. 53, Base)
- (1) Concrete Median Barrier, 840 mm
- (2) Barrier, Concrete, 840 mm, Modified
- (3) Longitudinal Joint
- (10) Terminal Joint
- (4) Integral Concrete Curb
- (11) Longitudinal Construction Joint
- (B) Retrofitted Tie Bar

NOTE: Concrete pavement contraction joints, Type "D-1", shall be spaced at 5.5 meters.

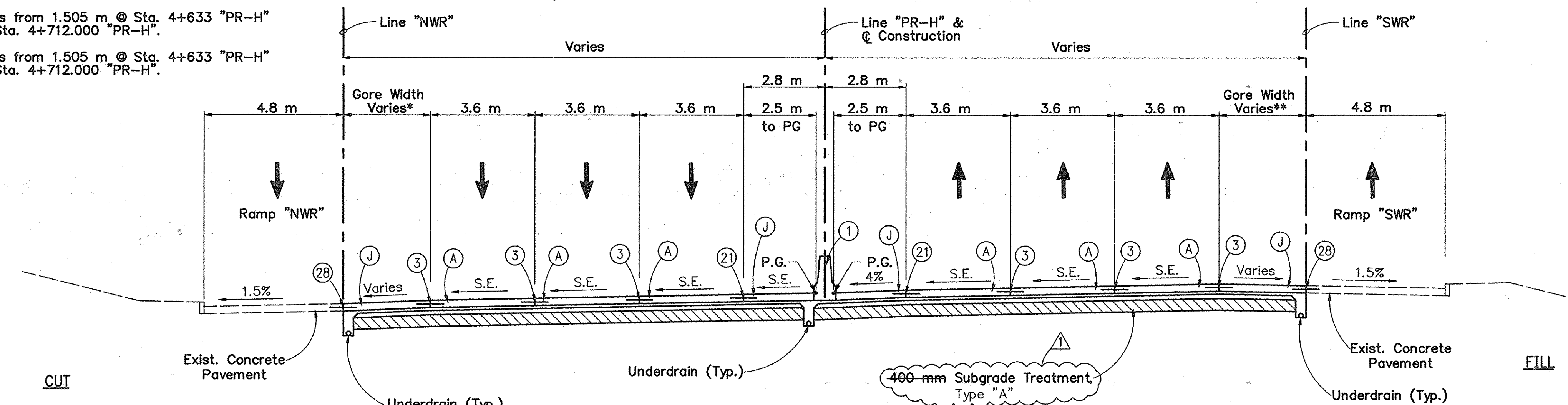
All shoulder asphalt pavement sections shall have performance graded binder 64-28.

P.G. = Profile Grade

(E) 90 kg/m² HMA, Type A, Surface on
150 kg/m² HMA, Type A, Intermediate

* Gore width varies from 1.505 m @ Sta. 4+633 "PR-H" to 4.665 m @ Sta. 4+712.000 "PR-H".

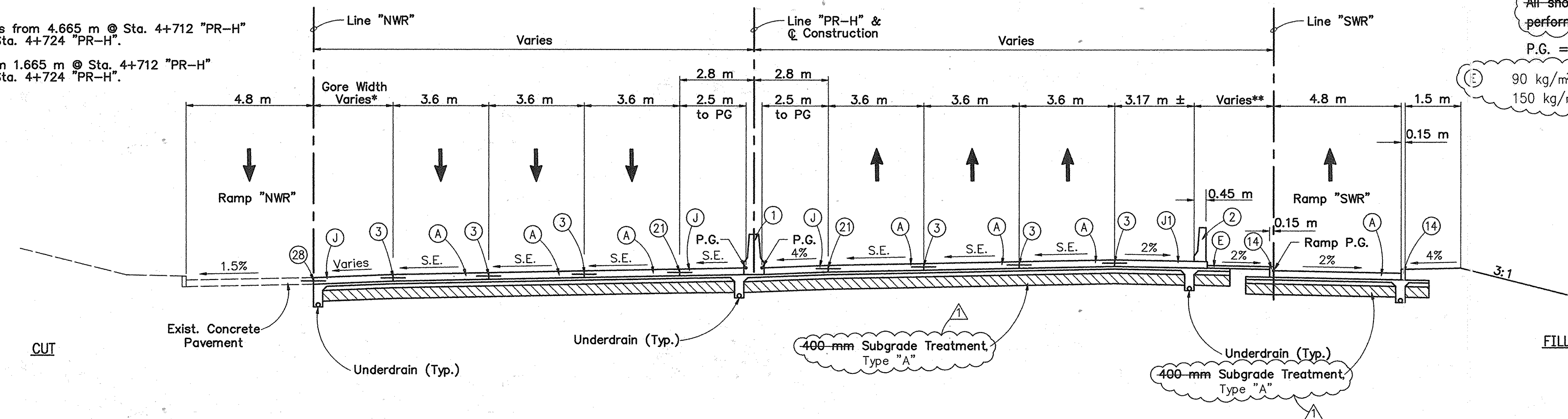
** Gore width varies from 1.505 m @ Sta. 4+633 "PR-H" to 4.665 m @ Sta. 4+712.000 "PR-H".



Typical Cross Section In Superelevation - (S.R. 66)
Sta. 4+633.000 "PR-H" to Sta. 4+712.000 "PR-H"

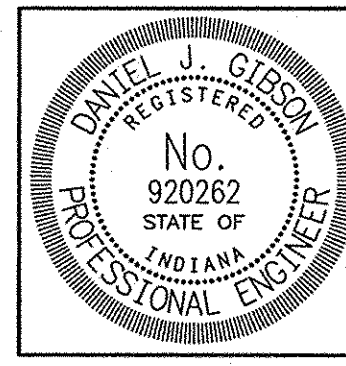
* Gore width varies from 4.665 m @ Sta. 4+712 "PR-H" to 5.082 m @ Sta. 4+724 "PR-H".

** Width varies from 1.665 m @ Sta. 4+712 "PR-H" to 2.208 m @ Sta. 4+724 "PR-H".



Typical Cross Section In Superelevation - (S.R. 66)
Sta. 4+712.000 "PR-H" to Sta. 4+724.000 "PR-H"

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RECOMMENDED FOR APPROVAL: *D.J.G.* 9/12/02
DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION LINE "PR-H" (S.R. 66)

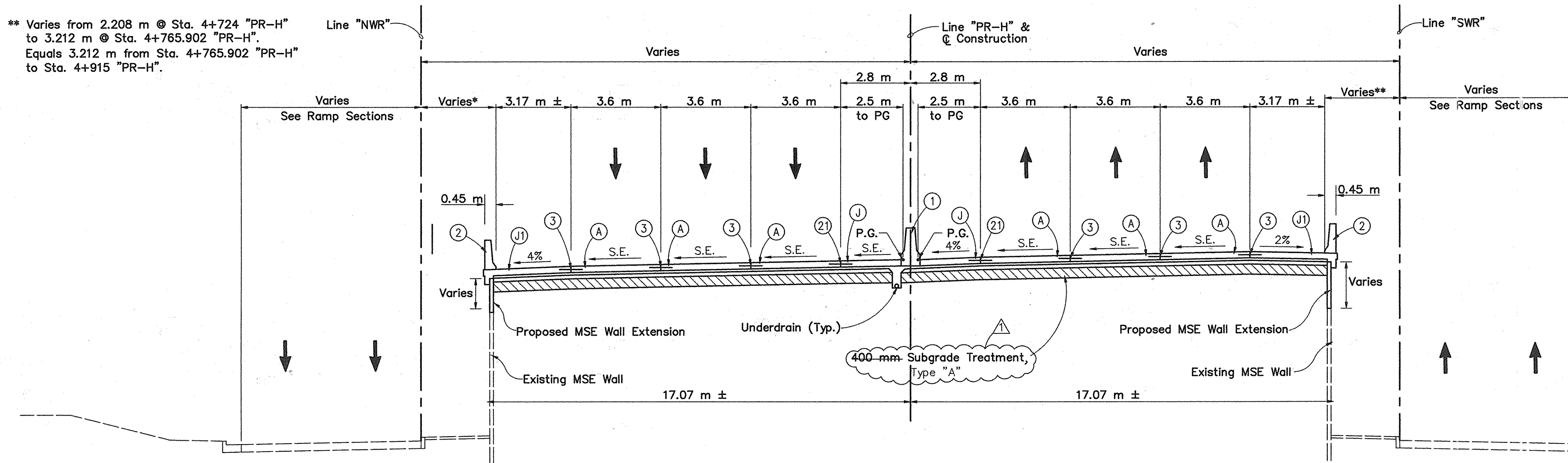
HORIZONTAL SCALE	BRIDGE FILE
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VERTICAL SCALE	DESIGNATION
NA	9223010
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* Varies from 2.082 m @ Sta. 4+724 "PR-H" to 3.212 m @ Sta. 4+896.426 "PR-H". Equals 3.212 m from Sta. 4+896.426 "PR-H" to Sta. 4+915 "PR-H".

** Varies from 2.208 m @ Sta. 4+724 "PR-H" to 3.212 m @ Sta. 4+765.902 "PR-H". Equals 3.212 m from Sta. 4+765.902 "PR-H" to Sta. 4+915 "PR-H".

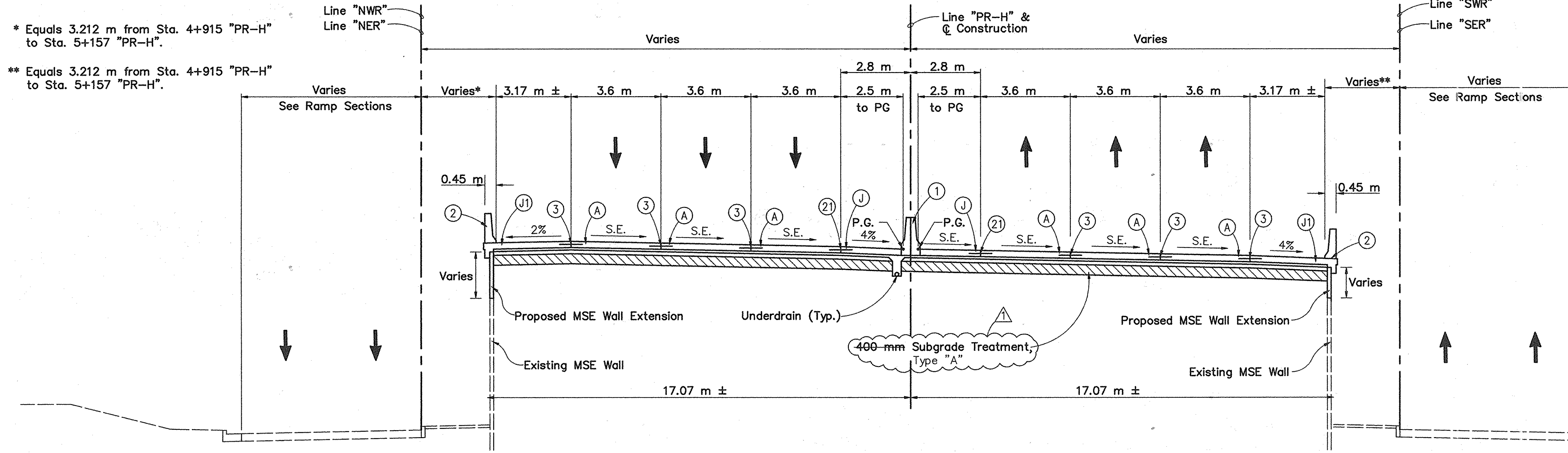
LEGEND

- (A) Mainline Pavement
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0-53)
No. 53, Base)
- (J) Shoulder
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0-53)
No. 53, Base)
- (J1) Reinforced Shoulder
QC/QA - PCCP, 250 mm, Reinforced on
Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0-53)
No. 53, Base)
- (1) Concrete Median Barrier, 840 mm
- (2) Barrier, Concrete, 840 mm, Modified
- (3) Longitudinal Joint
- (21) Longitudinal Construction Joint



Typical Cross Section In Superelevation - (S.R. 66)
Sta. 4+724.000 "PR-H" to Sta. 4+915.500 "PR-H"

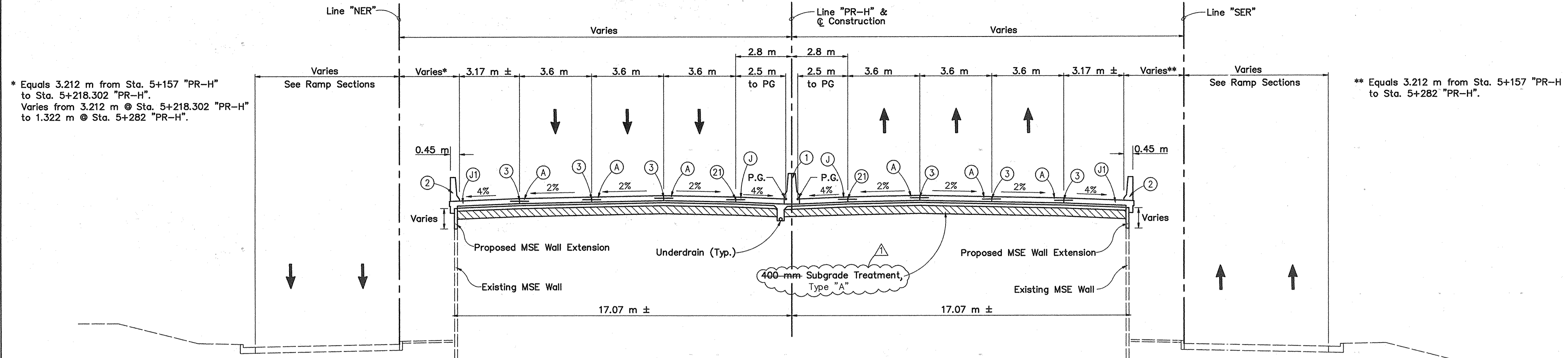
NOTE: Concrete pavement contraction joints, Type "D-1", shall be spaced at 5.5 meters.
P.G. = Profile Grade



Typical Cross Section In Superelevation - (S.R. 66)
Sta. 4+915.500 "PR-H" to Sta. 5+001.732 "PR-H"
Sta. 5+110.435 "PR-H" to Sta. 5+157.000 "PR-H"

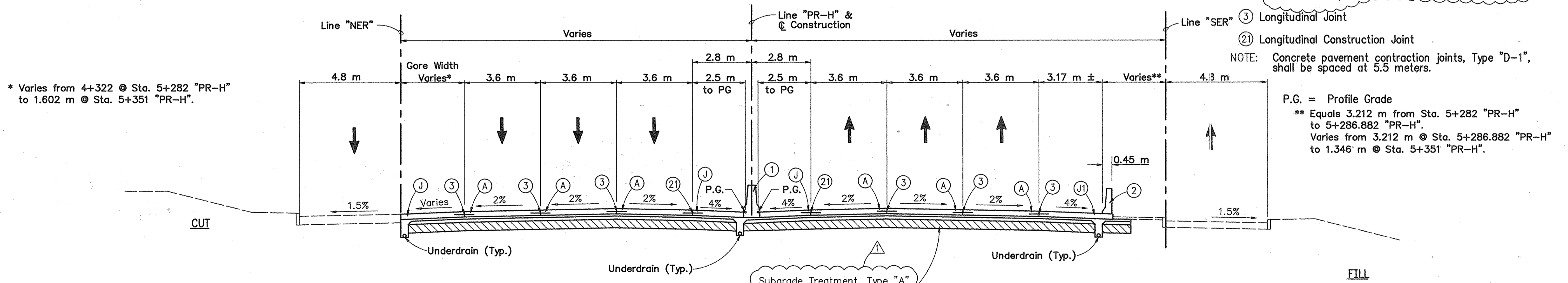
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	RECOMMENDED FOR APPROVAL: <i>D.J.G.</i> 9/12/02 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION TYPICAL CROSS SECTION LINE "PR-H" (S.R. 66)	HORIZONTAL SCALE 1:100	BRIDGE FILE
	DESIGNED: DJG DRAWN: MTM CHECKED: MAE CHECKED: DJG		VERTICAL SCALE NA	DESIGNATION 9223010
			SURVEY BOOK 5 of 147	SHEETS PROJECT NH-006-4(047)



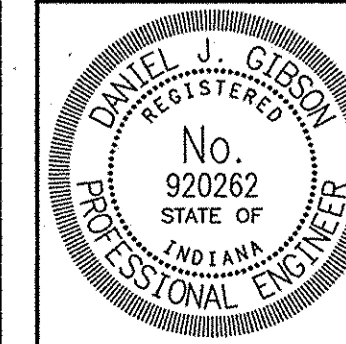
Typical Cross Section In Tangent - (S.R. 66)
Sta. 5+157.000 "PR-H" to Sta. 5+282.000 "PR-H"

- LEGEND**
- (A) Mainline Pavement
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0, 53)
No. 53, Base)
 - (1) Concrete Median Barrier, 840 mm
 - (2) Barrier, Concrete, 840 mm, Modified
 - (J) Shoulder
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, Type "0", 53)
No. 53, Base)
 - (J1) Reinforced Shoulder
QC/QA - PCCP, 250 mm, Reinforced on
Subbase for PCCP
(100 mm of Coarse Aggregate, No. 8 on
150 mm of Compacted Aggregate, for Base, 0, 53)
No. 53, Base)
 - (3) Longitudinal Joint
 - (21) Longitudinal Construction Joint
- NOTE: Concrete pavement contraction joints, Type "D-1", shall be spaced at 5.5 meters.



Typical Cross Section In Tangent - (S.R. 66)
Sta. 5+282.000 "PR-H" to Sta. 5+351.000 "PR-H"

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RECOMMENDED FOR APPROVAL: *D.J.G.* 9/12/02
DESIGN/ENGINEER DATE

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION
LINE "PR-H" (S.R. 66)

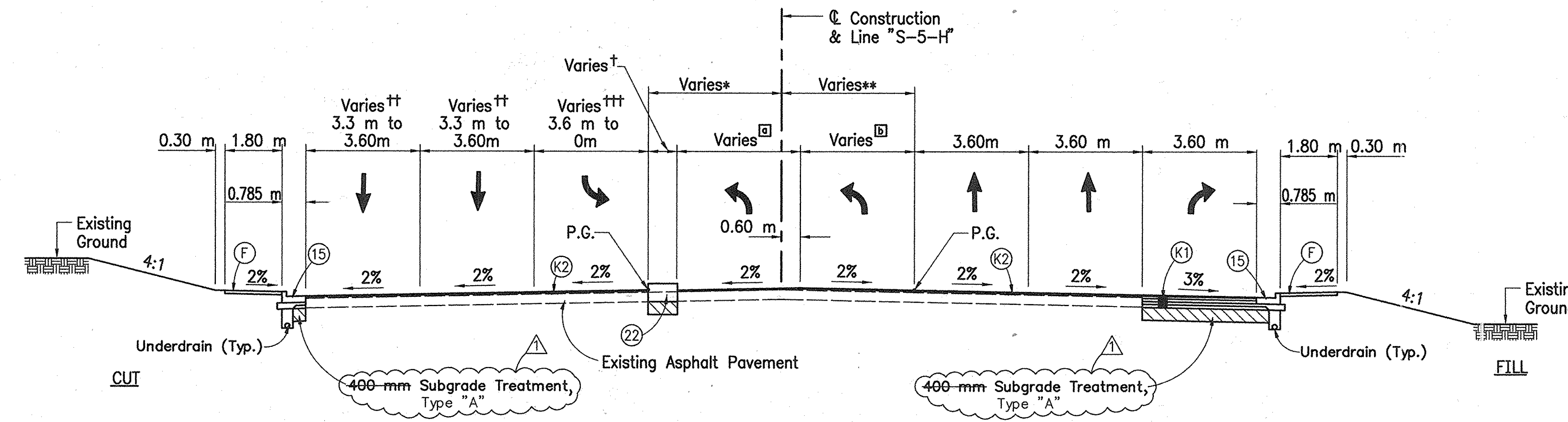
HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
NA	9223010
SURVEY BOOK	SHEETS
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* Varies from 2.800 m @ Sta. 1+320 "S-5-H" to 3.9 m @ Sta. 1+415 "S-5-H". Equals 3.9 m from Sta. 1+415 "S-5-H" to Sta. 1+489 "S-5-H".

† Varies from 0.600 m @ Sta. 1+320 "S-5-H" to 2.495 m @ Sta. 1+370 "S-5-H". Varies from 2.495 m @ Sta. 1+370 "S-5-H" to 0.9 m @ Sta. 1+382.343 "S-5-H". Equals 0.9 m from Sta. 1+382.343 "S-5-H" to Sta. 1+489 "S-5-H".

†† Varies from 3.300 m @ Sta. 1+320 "S-5-H" to 3.600 m @ Sta. 1+415 "S-5-H". Equals 3.600 m from Sta. 1+415 "S-5-H" to Sta. 1+489 "S-5-H".

††† Equals 3.600 m from Sta. 1+320 "S-5-H" to Sta. 1+382.343 "S-5-H". Varies from 3.600 m @ Sta. 1+382.343 "S-5-H" to 0 m @ Sta. 1+415 "S-5-H".



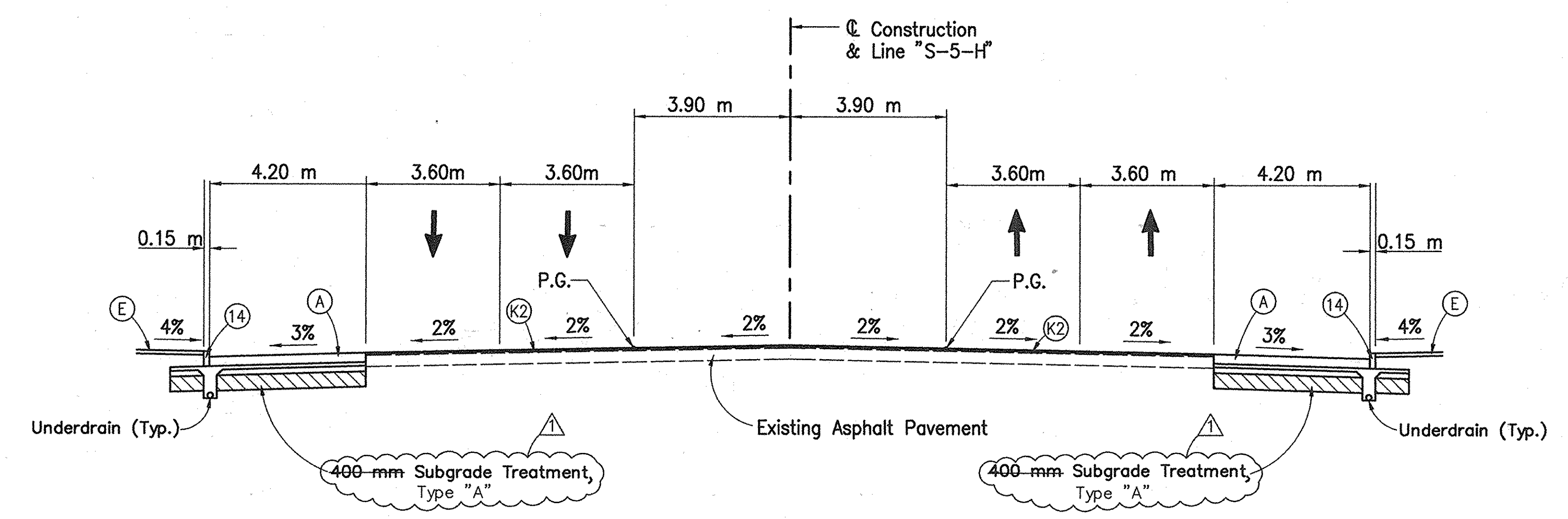
** Varies from 1.400 m @ Sta. 1+320 "S-5-H" to 3.90 m @ Sta. 1+415 "S-5-H". Equals 3.90 m from Sta. 1+415 "S-5-H" to Sta. 1+489 "S-5-H".

□ Equals 0 m from Sta. 1+320 "S-5-H" to Sta. 1+370 "S-5-H". Varies from 0 m @ Sta. 1+370 "S-5-H" to 3.3 m @ Sta. 1+415 "S-5-H". Equals 3.3 m from Sta. 1+415 "S-5-H" to Sta. 1+489 "S-5-H".

P.G. = Profile Grade

Typical Cross Section In Tangent w/Raised Median - (GREEN RIVER ROAD)
Sta. 1+320.000 "S-5-H" to Sta. 1+489.000 "S-5-H"

□ Equals 0 m from Sta. 1+320 "S-5-H" to Sta. 1+370 "S-5-H". Varies from 0 m @ Sta. 1+370 "S-5-H" to 3.6 m @ Sta. 1+415 "S-5-H". Equals 3.6 m from Sta. 1+415 "S-5-H" to Sta. 1+489 "S-5-H".



Typical Cross Section In Tangent Flush Median - (GREEN RIVER ROAD)
Sta. 1+489.000 "S-5-H" to Sta. 1+570.000 "S-5-H"

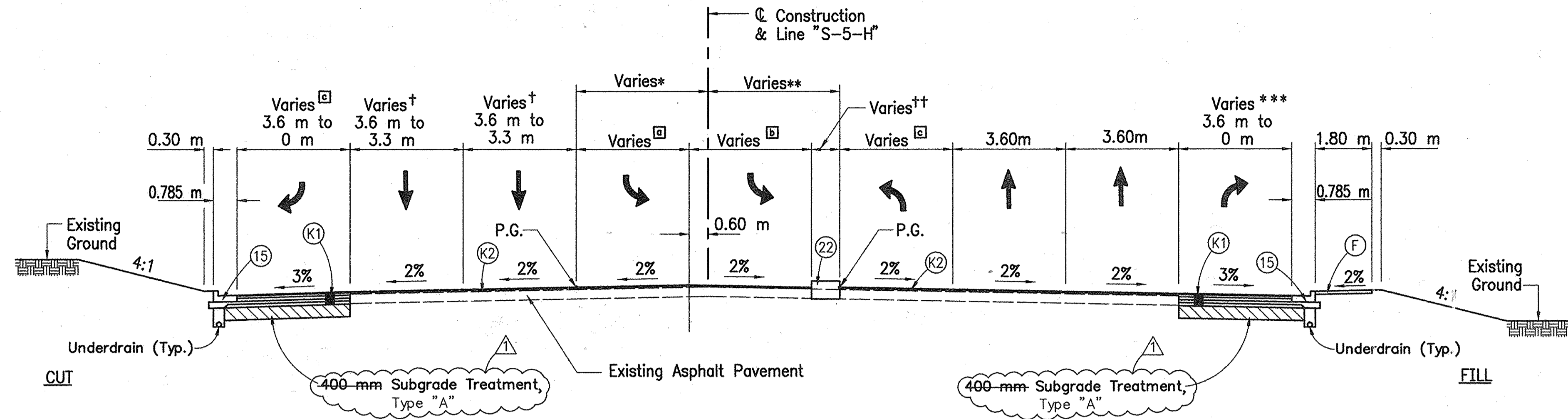
- LEGEND**
- (A) QC/QA - PCCP, 250 mm on Subbase for Cement Concrete Pavement (100 mm Coarse Aggregate, No. 8 on 150 mm of Compacted Aggregate, for Base, 0, 53) No. 53, Base)
 - (F) Sidewalk, Concrete, 100 mm
 - (E) 75 kg/m² HMA Surface 9.5 mm, Shoulder on 165 kg/m² HMA Intermediate 19.0 mm, Shoulder
 - (K1) 75 kg/m² HMA Surface 9.5 mm, Mainline on 165 kg/m² HMA Intermediate 19.0 mm, Mainline on 240 kg/m² HMA Base 25.0 mm, Mainline on 195 kg/m² HMA Base C25.0 mm, Mainline on 240 kg/m² HMA Base 25.0 mm, Mainline
 - (K2) 75 kg/m² HMA Surface 9.5 mm, Mainline on 165 kg/m² HMA Intermediate 19.0 mm, Mainline
 - (14) Integral Concrete Curb
 - (15) Curb & Gutter, Concrete
 - (22) Center Curb, Concrete, Type "D"
 - (E) 90 kg/m² HMA, Type A, Surface on 150 kg/m² HMA, Type A, Intermediate
 - (K1) 90 kg/m² QC/QA-HMA, 3, 76, Surface, 9.5 mm on 150 kg/m² QC/QA-HMA, 3, 76, Intermediate, 19.0 mm on 240 kg/m² QC/QA-HMA, 3, 64, Base, 25.0 mm on 195 kg/m² QC/QA-HMA, 5, 76, Intermediate, C19.0 mm on 240 kg/m² QC/QA-HMA, 3, 64, Base, 25.0 mm
 - (K2) 90 kg/m² QC/QA-HMA, 3, 76, Surface, 9.5 mm on 150 kg/m² QC/QA-HMA, 3, 76, Intermediate, 19.0 mm

NOTE: All mainline asphalt pavement sections shall have performance graded binder 64-28.

D:\Project\3307\Plans\03_Typical Cross Sections\3307T05.dwg @ 100 m - Sep. 11, 2002 2:54 p.m.

	RECOMMENDED FOR APPROVAL	<i>D.J.G.</i> 9/12/02 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION TYPICAL CROSS SECTION LINE "S-5-H" (GREEN RIVER ROAD)	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: DJG	DRAWN: MTM		1:100	
CHECKED: MAE	CHECKED: DJG		VERTICAL SCALE	DESIGNATION	
			NA	9223010	
			SURVEY BOOK	SHEETS	
				7 of 147	
			CONTRACT	PROJECT	
			R-24951	NH-006-4(047)	

- * Equals 3.9 m from Sta. 1+570 "S-5-H" to Sta. 1+690 "S-5-H".
Varies from 3.9 m @ Sta. 1+690 "S-5-H" to 3.6 m @ Sta. 1+720 "S-5-H".
Equals 3.6 m from Sta. 1+720 "S-5-H" to Sta. 1+760 "S-5-H".
- † Equals 3.6 m from Sta. 1+570 "S-5-H" to Sta. 1+720 "S-5-H".
Varies from 3.6 m @ Sta. 1+720 "S-5-H" to 3.3 m @ Sta. 1+760 "S-5-H".
- †† Equals 0.9 m from Sta. 1+570 "S-5-H" to Sta. 1+690 "S-5-H".
Equals 0 m from Sta. 1+690 "S-5-H" to Sta. 1+720 "S-5-H".
Equals 1.2 m from Sta. 1+720 "S-5-H" to Sta. 1+760 "S-5-H".
- ▣ Equals 3.3 m from Sta. 1+570 "S-5-H" to Sta. 1+620 "S-5-H".
Varies from 3.3 m @ Sta. 1+620 "S-5-H" to 0 m @ Sta. 1+680 "S-5-H".
Equals 0 m from Sta. 1+680 "S-5-H" to Sta. 1+690 "S-5-H".
Equals 3.6 m from Sta. 1+690 "S-5-H" to Sta. 1+710 "S-5-H".
Varies from 3.6 m @ Sta. 1+710 "S-5-H" to 0 m @ Sta. 1+760 "S-5-H".
- ▣ Equals 3.6 m from Sta. 1+570 "S-5-H" to Sta. 1+630 "S-5-H".
Varies from 3.6 m @ Sta. 1+630 "S-5-H" to 0 m @ Sta. 1+660 "S-5-H".



Typical Cross Section In Tangent w/Raised Median - (GREEN RIVER ROAD)

Sta. 1+570.000 "S-5-H" to Sta. 1+760.000 "S-5-H"

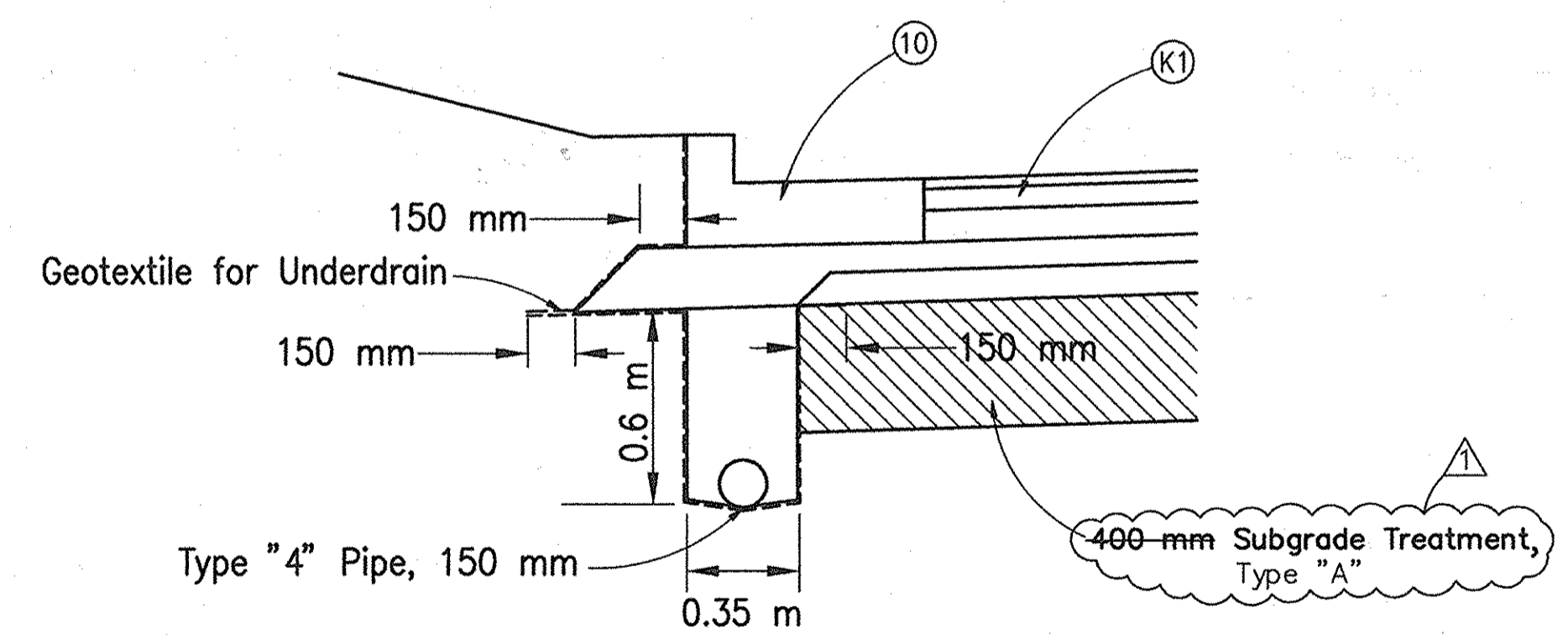
- ** Equals 3.9 m from Sta. 1+570 "S-5-H" to Sta. 1+620 "S-5-H".
Varies from 3.9 m @ Sta. 1+620 "S-5-H" to 1.2 m @ Sta. 1+720 "S-5-H".
Equals 1.2 m from Sta. 1+720 "S-5-H" to Sta. 1+760 "S-5-H".
- *** Equals 3.6 m from Sta. 1+570 "S-5-H" to Sta. 1+720 "S-5-H".
Varies from 3.6 m @ Sta. 1+720 "S-5-H" to 0 m @ Sta. 1+760 "S-5-H".
- ††† Equals 0.9 m from Sta. 1+570 "S-5-H" to Sta. 1+690 "S-5-H".
Equals 0 m from Sta. 1+690 "S-5-H" to Sta. 1+720 "S-5-H".
Equals 1.2 m from Sta. 1+720 "S-5-H" to Sta. 1+760 "S-5-H".
- ▣ Equals 3.6 m from Sta. 1+570 "S-5-H" to Sta. 1+620 "S-5-H".
Varies from 3.6 m @ Sta. 1+620 "S-5-H" to 0 m @ Sta. 1+680 "S-5-H".
Equals 0 m from Sta. 1+680 "S-5-H" to Sta. 1+760 "S-5-H".
- ▣ Equals 0 m from Sta. 1+570 "S-5-H" to Sta. 1+620 "S-5-H".
Varies from 0 m @ Sta. 1+620 "S-5-H" to 5.28 m @ Sta. 1+680 "S-5-H".
Varies from 5.28 m @ Sta. 1+680 "S-5-H" to 4.88 m @ Sta. 1+720 "S-5-H".
Equals 0 m from Sta. 1+720 "S-5-H" to Sta. 1+760 "S-5-H".

P.G. = Profile Grade

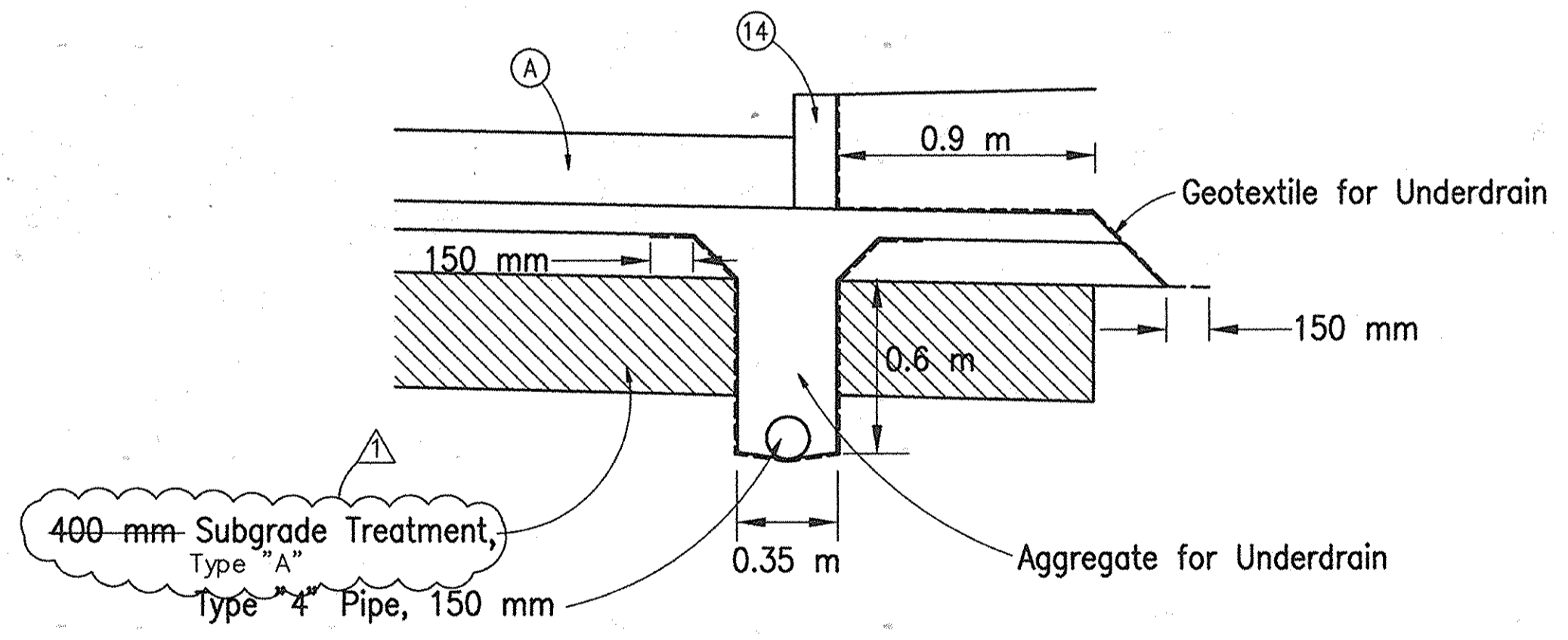
- (K1) 90 kg/m² QC/QA-HMA, 3, 76, Surface, 9.5 mm on 150 kg/m² QC/QA-HMA, 3, 76, Intermediate, 19.0 mm on 240 kg/m² QC/QA-HMA, 3, 64, Base, 25.0 mm or 195 kg/m² QC/QA-HMA, 5, 76, Intermediate, C19.0 mm on 240 kg/m² QC/QA-HMA, 3, 64, Base, 25.0 mm
- (K2) 90 kg/m² QC/QA-HMA, 3, 76, Surface, 9.5 mm on 150 kg/m² QC/QA-HMA, 3, 76, Intermediate, 19.0 mm

LEGEND

- (A) QC/QA - PCCP, 250 mm on Subbase for PCCP (100 mm Coarse Aggregate, No. 8 on 150 mm of Compacted Aggregate, for Base, 0, 53) No. 53, Base)
- (F) Sidewalk, Concrete, 100 mm
- (K1) 75 kg/m² HMA Surface 9.5 mm, Mainline on 165 kg/m² HMA Intermediate 19.0 mm, Mainline on 240 kg/m² HMA Base 25.0 mm, Mainline on 195 kg/m² HMA Base C25.0 mm, Mainline on 240 kg/m² HMA Base 25.0 mm, Mainline
- (K2) 75 kg/m² HMA Surface 9.5 mm, Mainline on 165 kg/m² HMA Intermediate 19.0 mm, Mainline
- (14) Integral Concrete Curb
- (15) Curb & Gutter, Concrete
- (22) Center Curb, Concrete, Type "D"



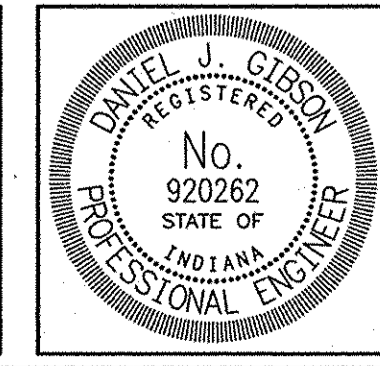
TYPICAL UNDERDRAIN DETAIL - ASPHALT



TYPICAL UNDERDRAIN DETAIL - CONCRETE

NOTE: All mainline asphalt pavement sections shall have performance graded binder 64-28.

D:\Project\3307\Plans\03_Typical Cross Sections\3307Typ6.dwg @ 100 m - Sep. 11, 2002 2:54 p.m.

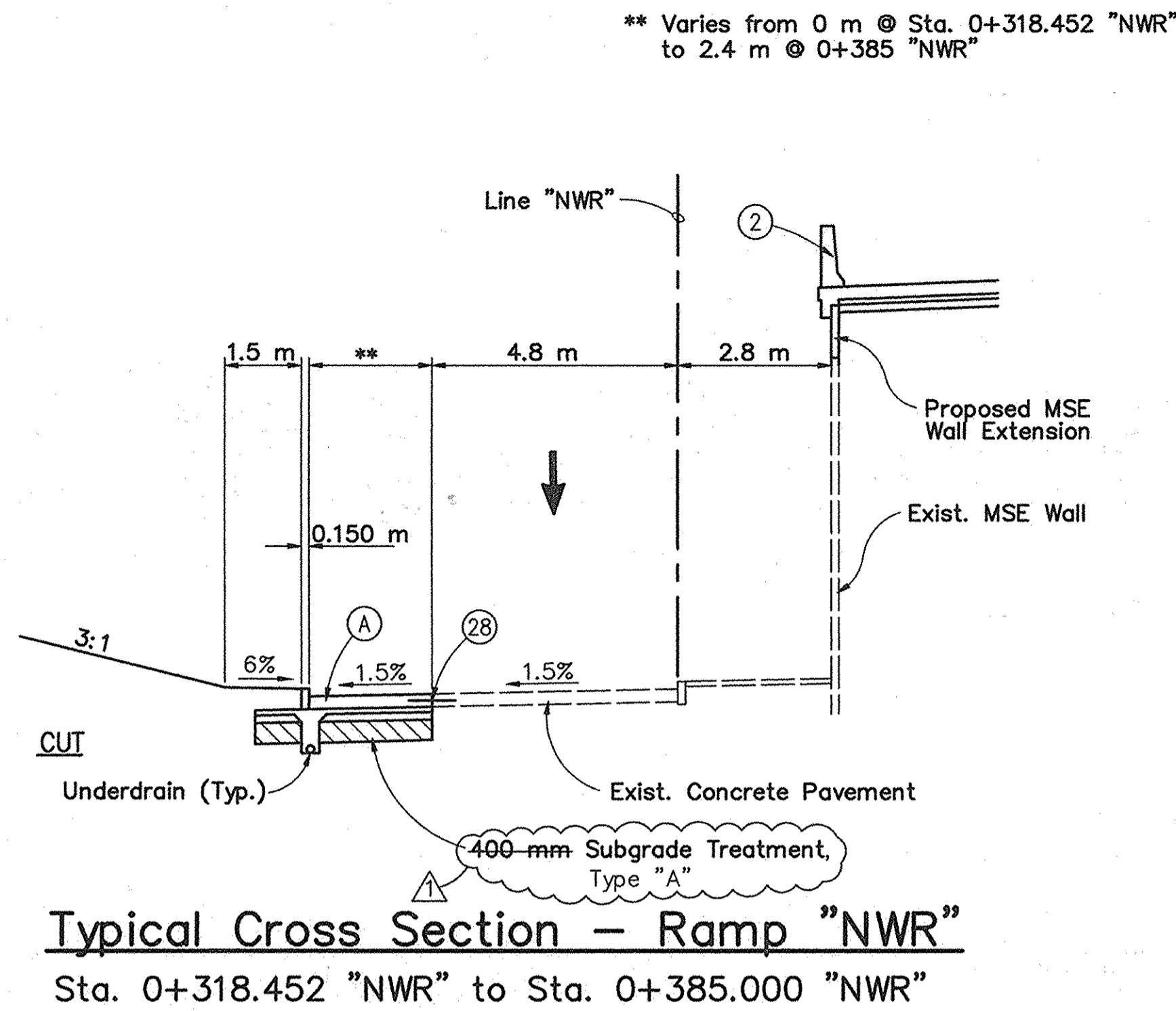


RECOMMENDED FOR APPROVAL	<i>D. J. Gibson</i>	9/12/02
DESIGNED	DJG	DATE
DRAWN	MTM	
CHECKED	MAE	DJG

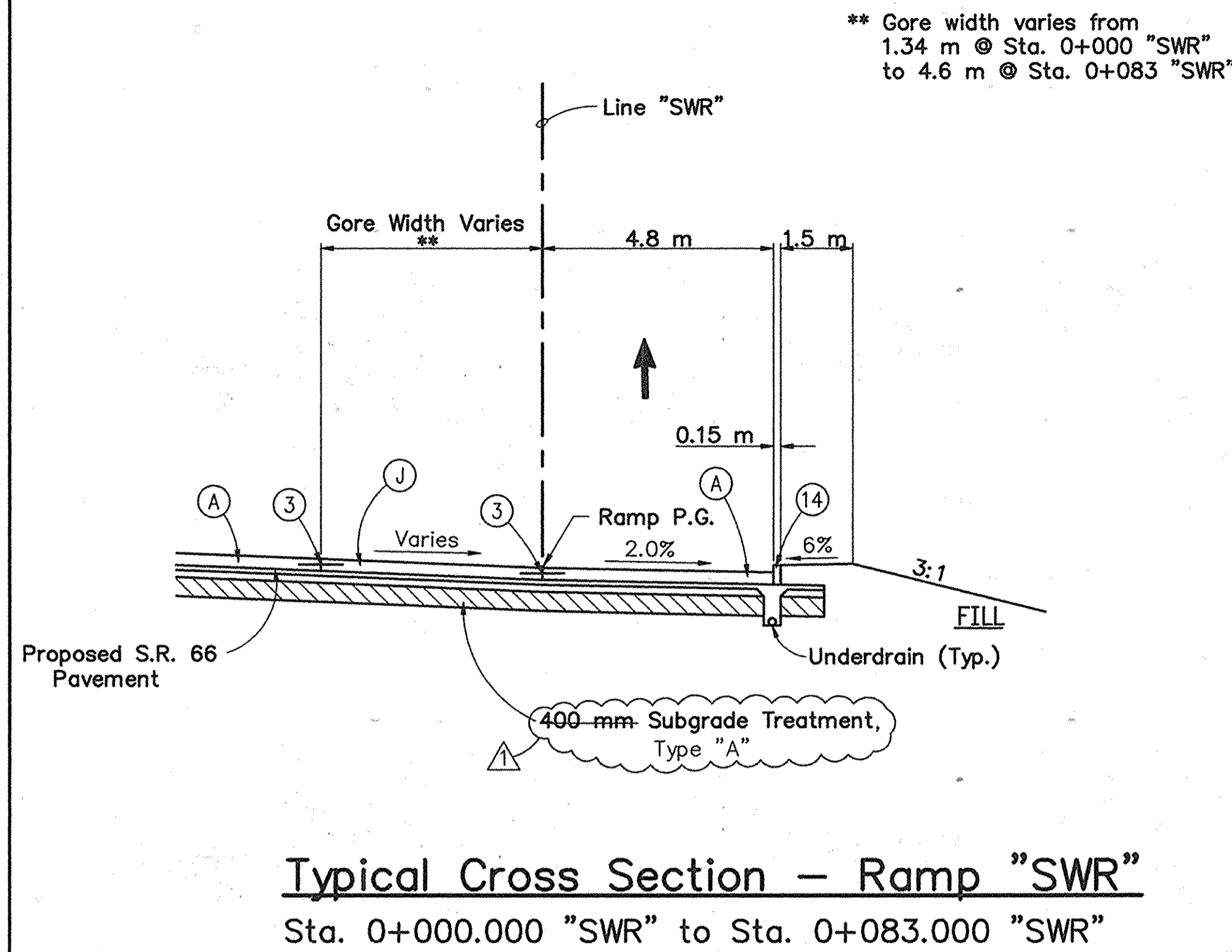
INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION LINE "S-5-H" (GREEN RIVER ROAD)

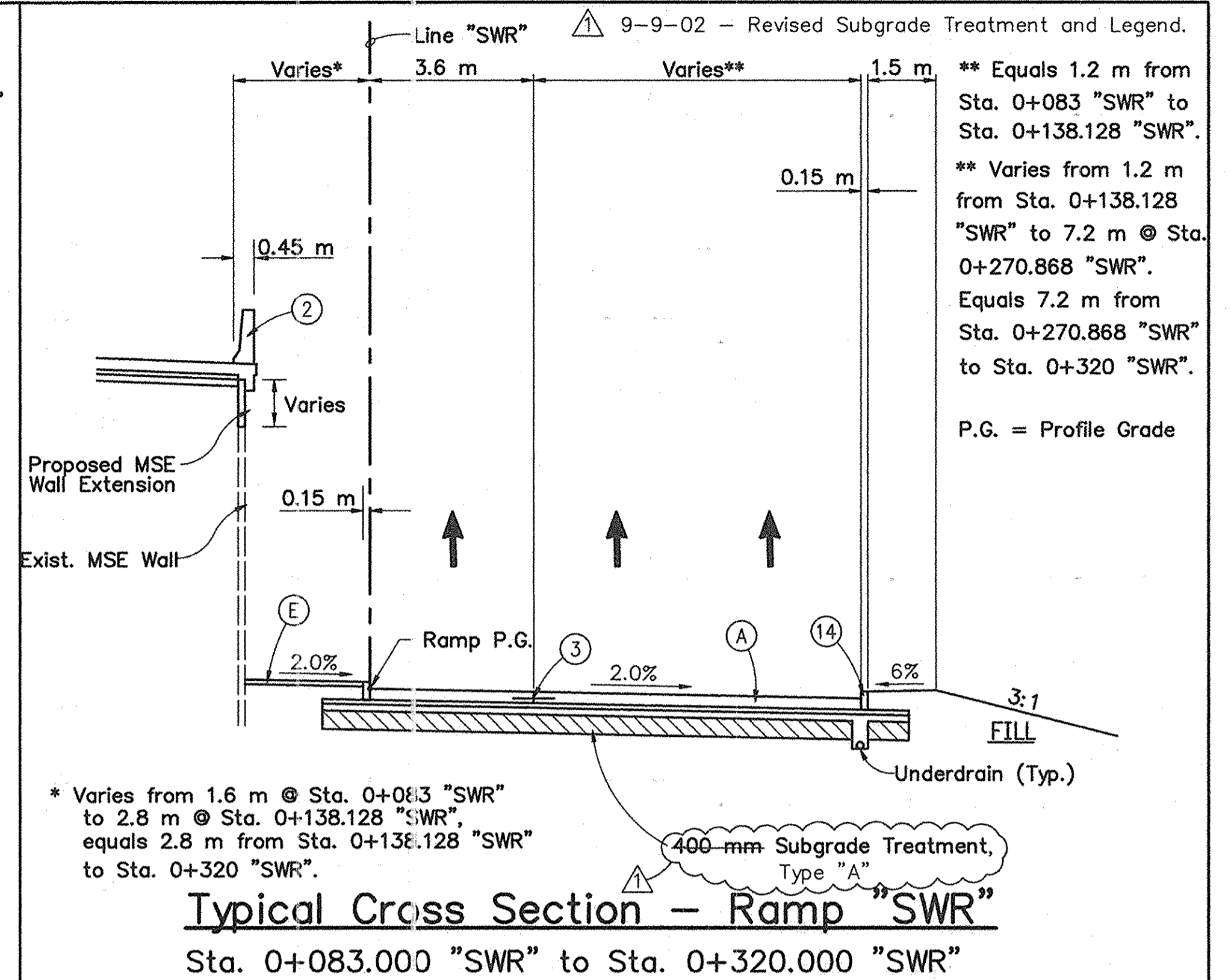
HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
NA	9223010
SURVEY BOOK	SHEETS
	8 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)



Typical Cross Section - Ramp "NWR"
Sta. 0+318.452 "NWR" to Sta. 0+385.000 "NWR"

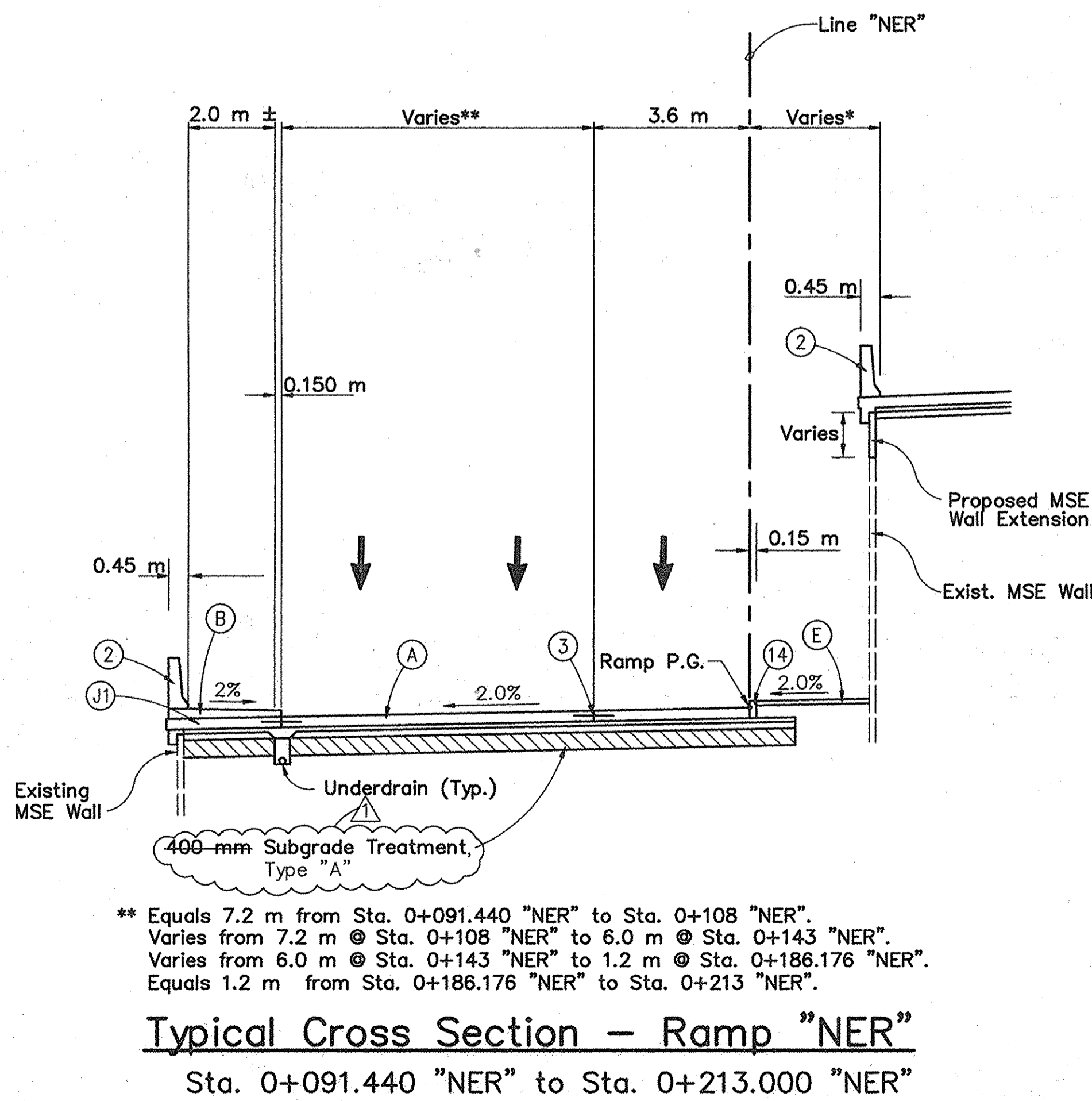


Typical Cross Section - Ramp "SWR"
Sta. 0+000.000 "SWR" to Sta. 0+083.000 "SWR"



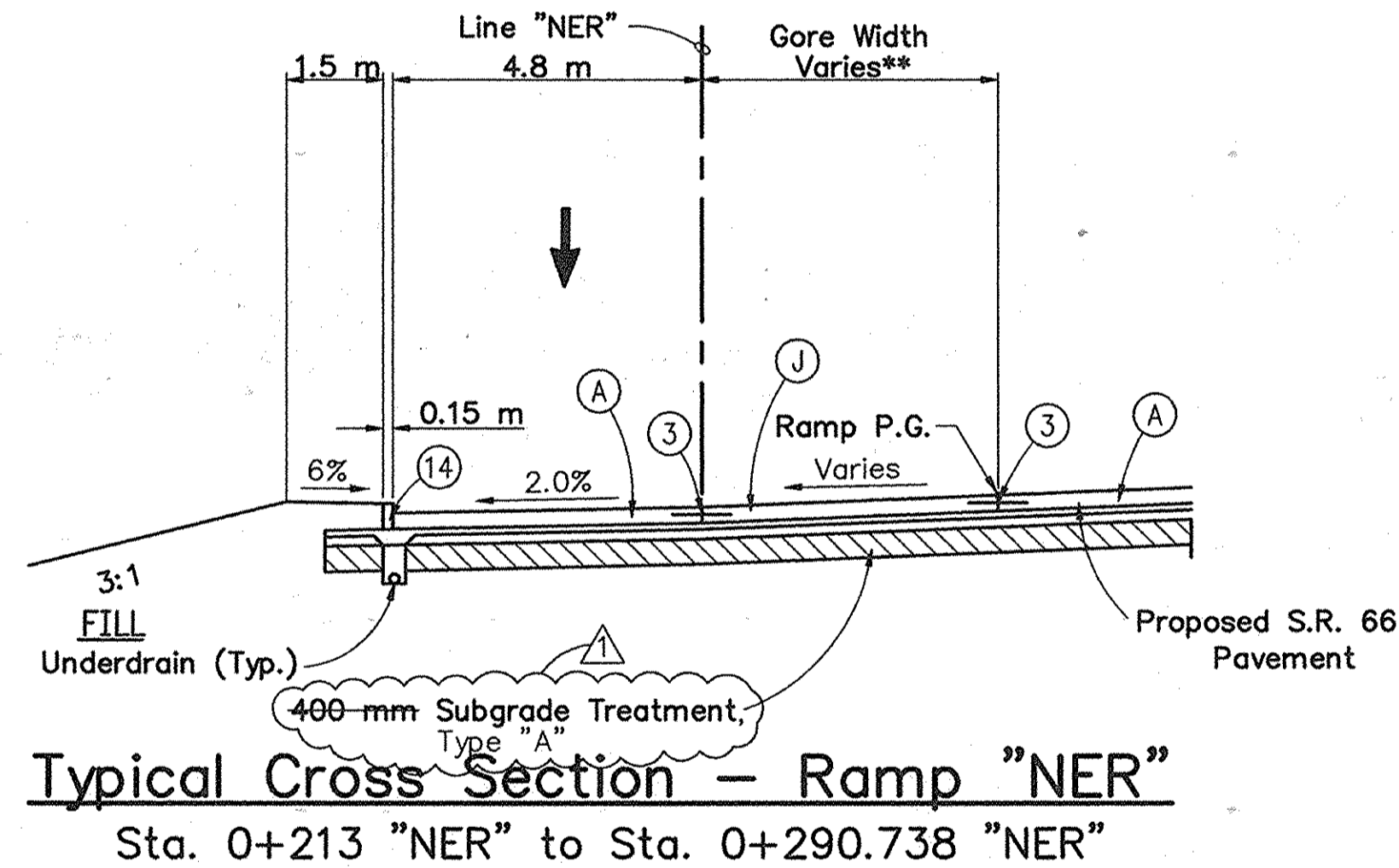
Typical Cross Section - Ramp "SWR"
Sta. 0+083.000 "SWR" to Sta. 0+320.000 "SWR"

* Equals 2.8 m from Sta. 0+091.440 "NER" to Sta. 0+151.269 "NER".
Varies from 2.8 m @ Sta. 0+151.269 "NER" to 1.4 m @ Sta. 0+213 "NER".



Typical Cross Section - Ramp "NER"
Sta. 0+091.440 "NER" to Sta. 0+213.000 "NER"

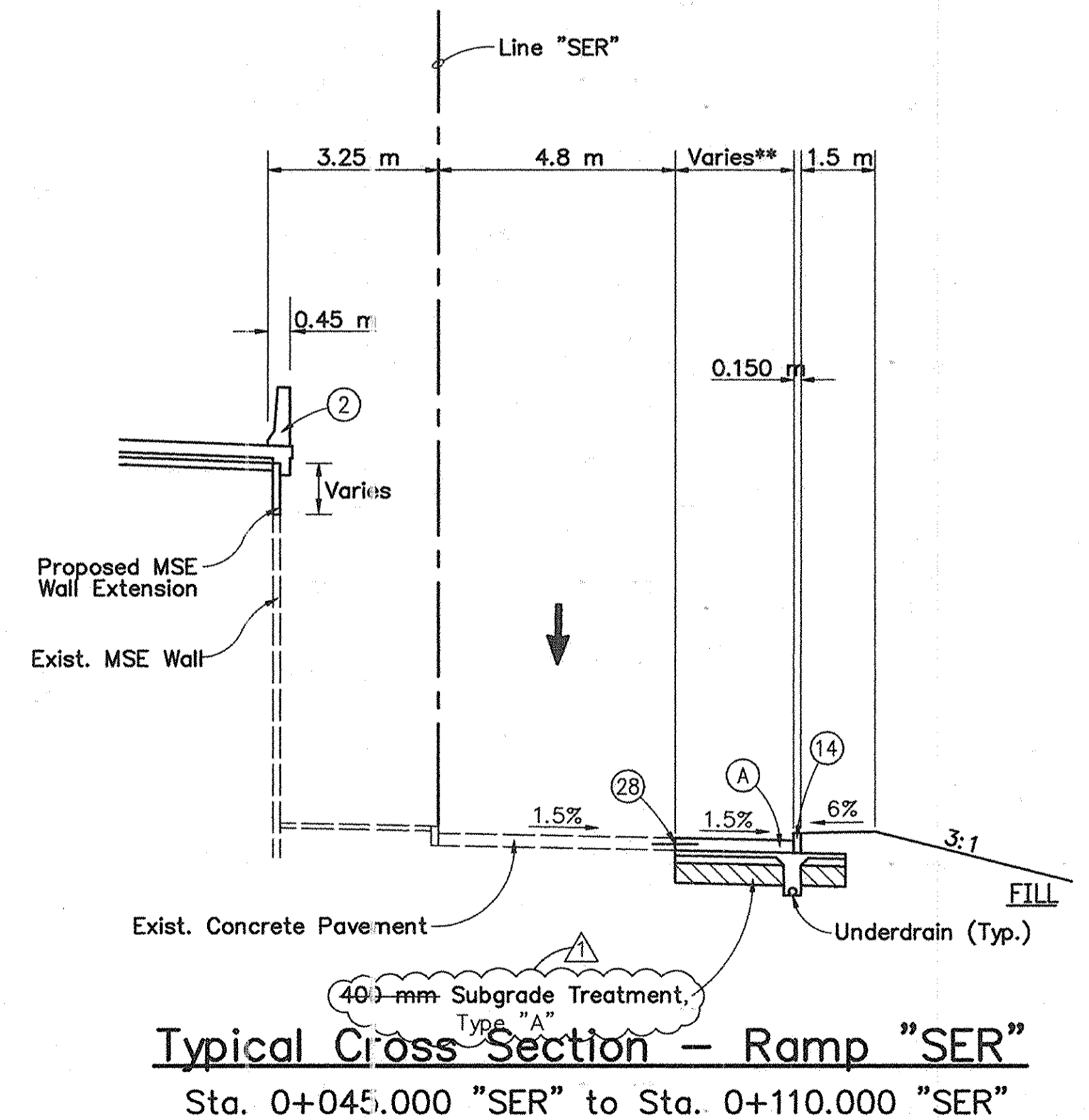
** Gore Width Varies from 4.9 m @ Sta. 0+213 "NER" to 1.4 m @ Sta. 0+290.738 "NER".



Typical Cross Section - Ramp "NER"
Sta. 0+213 "NER" to Sta. 0+290.738 "NER"

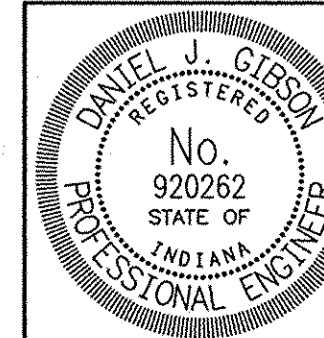
- LEGEND**
- (A) Mainline Shoulder
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm Coarse Aggregate, No. 8 on 150 mm of Compacted Aggregate, for Base, 0-53) No. 53, Base)
 - (B) Concrete, C, Sidewalk
 - (2) Barrier, Concrete, 840 mm, Modified
 - (3) Longitudinal Joint
 - (E) 75 kg/m² HMA Surface 9.5 mm, Shoulder on 165 kg/m² HMA Intermediate 19.0 mm, Shoulder
 - (J) Shoulder
QC/QA - PCCP, 250 mm on Subbase for PCCP
(100 mm Coarse Aggregate, No. 8 on 150 mm of Compacted Aggregate, for Base, 0-53) No. 53, Base)
 - (J1) Reinforced Shoulder
QC/QA - PCCP, 250 mm, Reinforced on Subbase for PCCP
(100 mm Coarse Aggregate, No. 8 on 150 mm of Compacted Aggregate, for Base, 0-53) No. 53, Base)
 - (14) Integral Concrete Curb
 - (28) Retrofitted Tie Bar

** Varies from 3.3 m @ Sta. 0+045.000 "SER" to 0 m @ Sta. 0+110.000 "SER".



Typical Cross Section - Ramp "SER"
Sta. 0+045.000 "SER" to Sta. 0+110.000 "SER"

(E) 90 kg/m² HMA, Type A, Surface on 150 kg/m² HMA, Type A, Intermediate



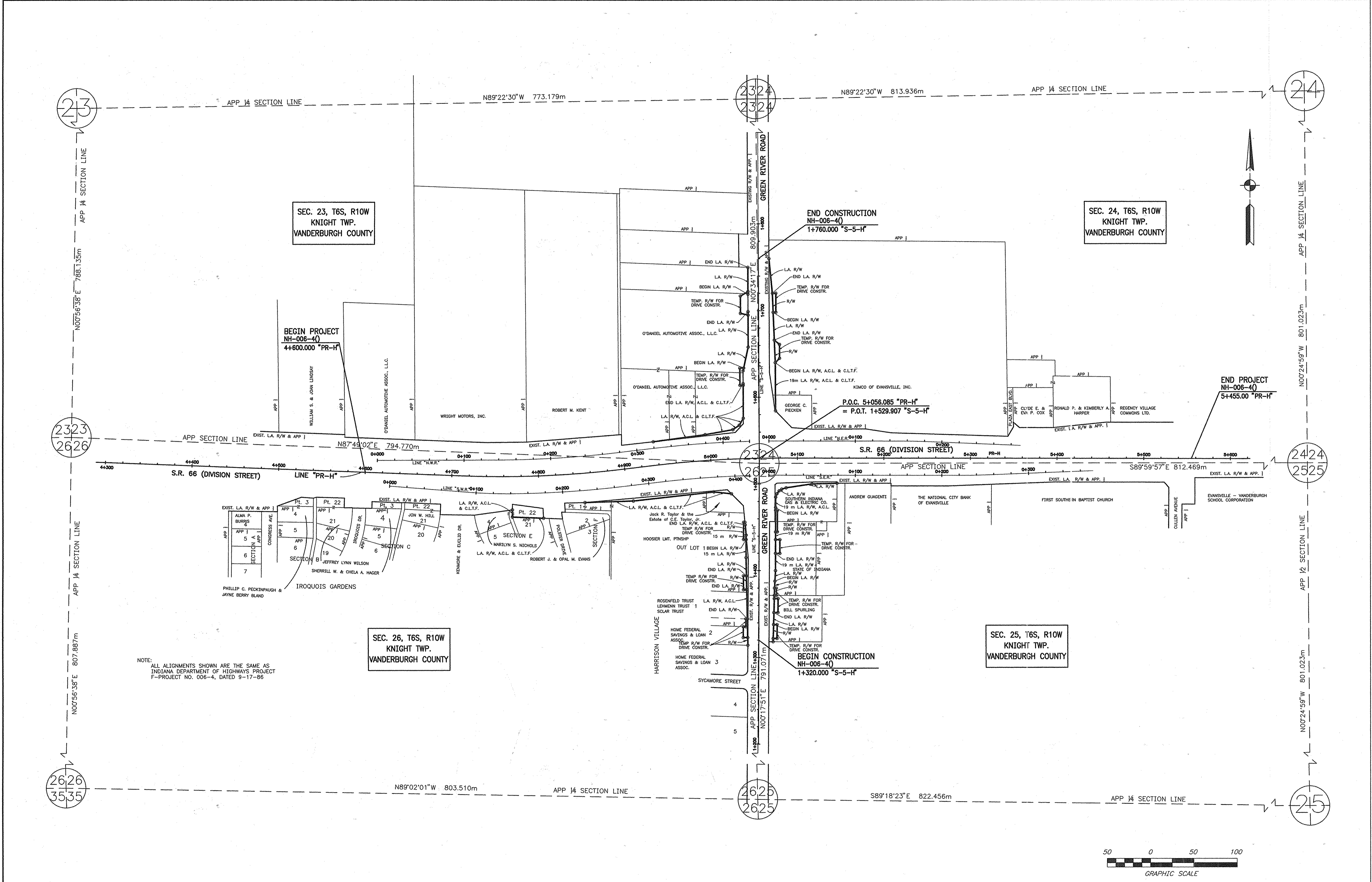
RECOMMENDED FOR APPROVAL *D.J.G.* 9/12/02
DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

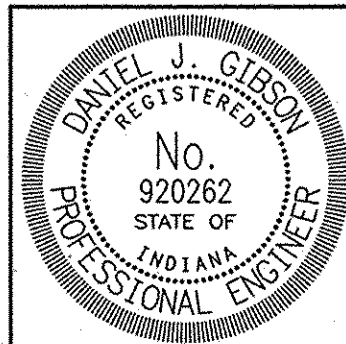
INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTION INTERCHANGE RAMPS

HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
NA	9223010
SURVEY BOOK	SHEETS
	9 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)



NOTE:
ALL ALIGNMENTS SHOWN ARE THE SAME AS
INDIANA DEPARTMENT OF HIGHWAYS PROJECT
F-PROJECT NO. 006-4, DATED 9-17-86



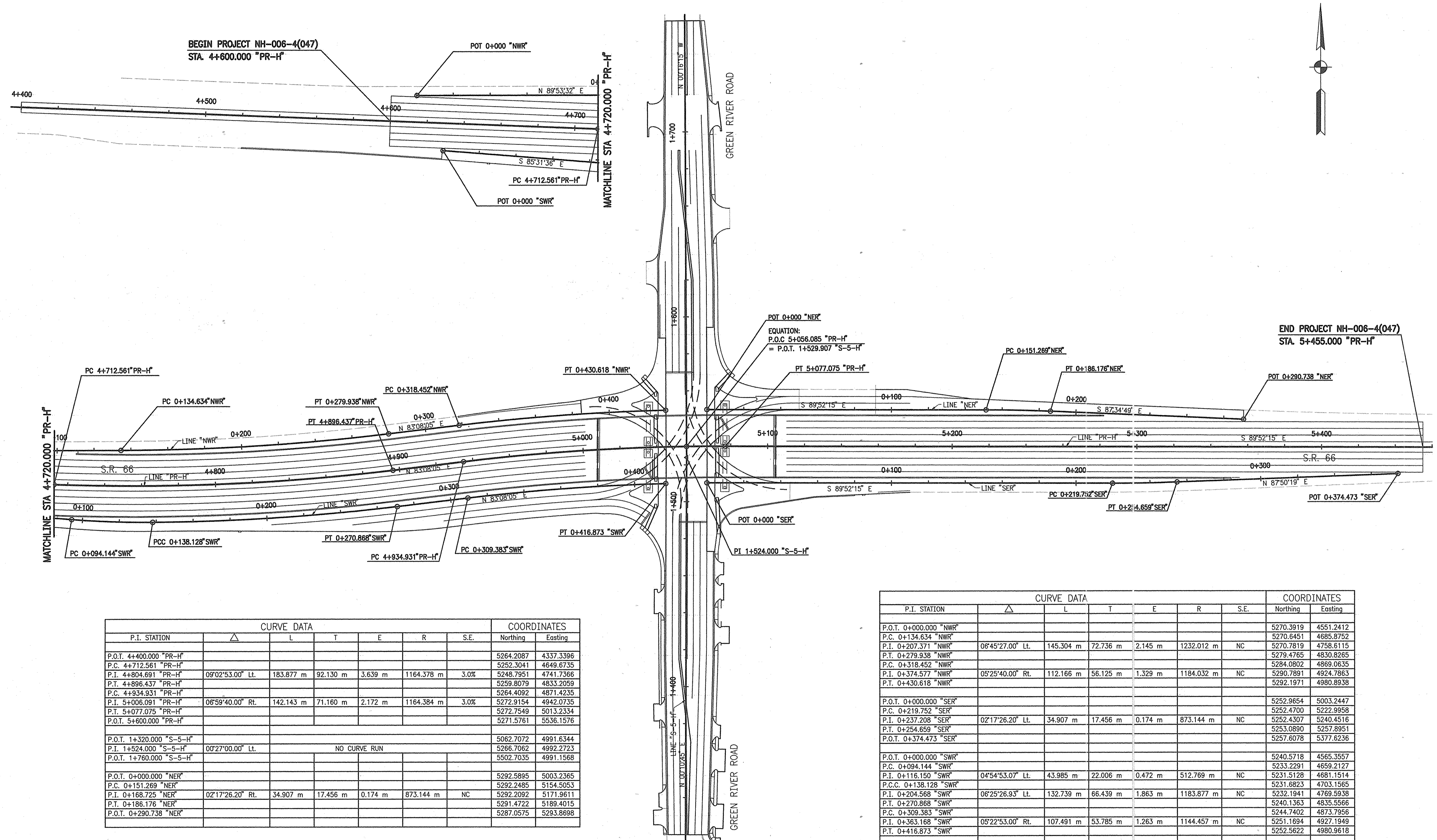
RECOMMENDED FOR APPROVAL
Daniel J. Gibson 6/14/01
DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: JNL
CHECKED: DKA CHECKED: ECP

INDIANA DEPARTMENT OF TRANSPORTATION

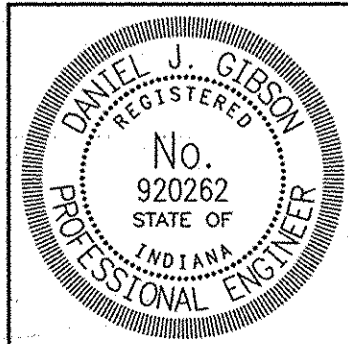
PLAT NO. 1

HORIZONTAL SCALE	BRIDGE FILE
1:2000	
VERTICAL SCALE	DESIGNATION
	9623010
SURVEY BOOK	SHEETS
	10 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)



CURVE DATA							COORDINATES	
P.I. STATION	Δ	L	T	E	R	S.E.	Northing	Easting
P.O.T. 4+400.000 "PR-H"							5264.2087	4337.3396
P.C. 4+712.561 "PR-H"							5252.3041	4649.6735
P.I. 4+804.691 "PR-H"	09°02'53.00" Lt.	183.877 m	92.130 m	3.639 m	1164.378 m	3.0%	5248.7951	4741.7366
P.T. 4+896.437 "PR-H"							5259.8079	4833.2059
P.C. 4+934.931 "PR-H"							5264.4092	4871.4235
P.I. 5+006.091 "PR-H"	06°59'40.00" Rt.	142.143 m	71.160 m	2.172 m	1164.384 m	3.0%	5272.9154	4942.0735
P.T. 5+077.075 "PR-H"							5272.7549	5013.2334
P.O.T. 5+600.000 "PR-H"							5271.5761	5536.1576
P.O.T. 1+320.000 "S-5-H"							5062.7072	4991.6344
P.I. 1+524.000 "S-5-H"	00°27'00.00" Lt.					NO CURVE RUN	5266.7062	4992.2723
P.O.T. 1+760.000 "S-5-H"							5502.7035	4991.1568
P.O.T. 0+000.000 "NER"							5292.5895	5003.2365
P.C. 0+151.269 "NER"							5292.2485	5154.5053
P.I. 0+168.725 "NER"	02°17'26.20" Rt.	34.907 m	17.456 m	0.174 m	873.144 m	NC	5292.2092	5171.9611
P.T. 0+186.176 "NER"							5291.4722	5189.4015
P.O.T. 0+290.738 "NER"							5287.0575	5293.8698

P.I. STATION	CURVE DATA						COORDINATES	
	Δ	L	T	E	R	S.E.	Northing	Easting
P.O.T. 0+000.000 "NWR"							5270.3919	4551.2412
P.C. 0+134.634 "NWR"							5270.6451	4685.8752
P.I. 0+207.371 "NWR"	06°45'27.00" Lt.	145.304 m	72.736 m	2.145 m	1232.012 m	NC	5270.7819	4758.6115
P.T. 0+279.938 "NWR"							5279.4765	4830.8265
P.C. 0+318.452 "NWR"							5284.0802	4869.0635
P.I. 0+374.577 "NWR"	05°25'40.00" Rt.	112.166 m	56.125 m	1.329 m	1184.032 m	NC	5290.7891	4924.7863
P.T. 0+430.618 "NWR"							5292.1971	4980.8938
P.O.T. 0+000.000 "SER"							5252.9654	5003.2447
P.C. 0+219.752 "SER"							5252.4700	5222.9958
P.I. 0+237.208 "SER"	02°17'26.20" Lt.	34.907 m	17.456 m	0.174 m	873.144 m	NC	5252.4307	5240.4516
P.T. 0+254.659 "SER"							5253.0890	5257.8951
P.O.T. 0+374.473 "SER"							5257.6078	5377.6236
P.O.T. 0+000.000 "SWR"							5240.5718	4565.3557
P.C. 0+094.144 "SWR"							5233.2291	4659.2127
P.I. 0+116.150 "SWR"	04°54'53.07" Lt.	43.985 m	22.006 m	0.472 m	512.769 m	NC	5231.5128	4681.1514
P.C.C. 0+138.128 "SWR"							5231.6823	4703.1565
P.I. 0+204.568 "SWR"	06°25'26.93" Lt.	132.739 m	66.439 m	1.863 m	1183.877 m	NC	5232.1941	4769.5938
P.T. 0+270.868 "SWR"							5240.1363	4835.5566
P.C. 0+309.383 "SWR"							5244.7402	4873.7956
P.I. 0+363.168 "SWR"	05°22'53.00" Rt.	107.491 m	53.785 m	1.263 m	1144.457 m	NC	5251.1694	4927.1949
P.T. 0+416.873 "SWR"							5252.5622	4980.9618



RECOMMENDED FOR APPROVAL: *Daniel J. Gibson* 6/14/01
 DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

INTERCHANGE GEOMETRICS
 S.R. 66 and GREEN RIVER ROAD

HORIZONTAL SCALE 1:1000	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION NO. 9223010
SURVEY BOOK	SHEETS 11 of 147
CONTRACT R-24951	PROJECT NO. NH-006-4 (047)

CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

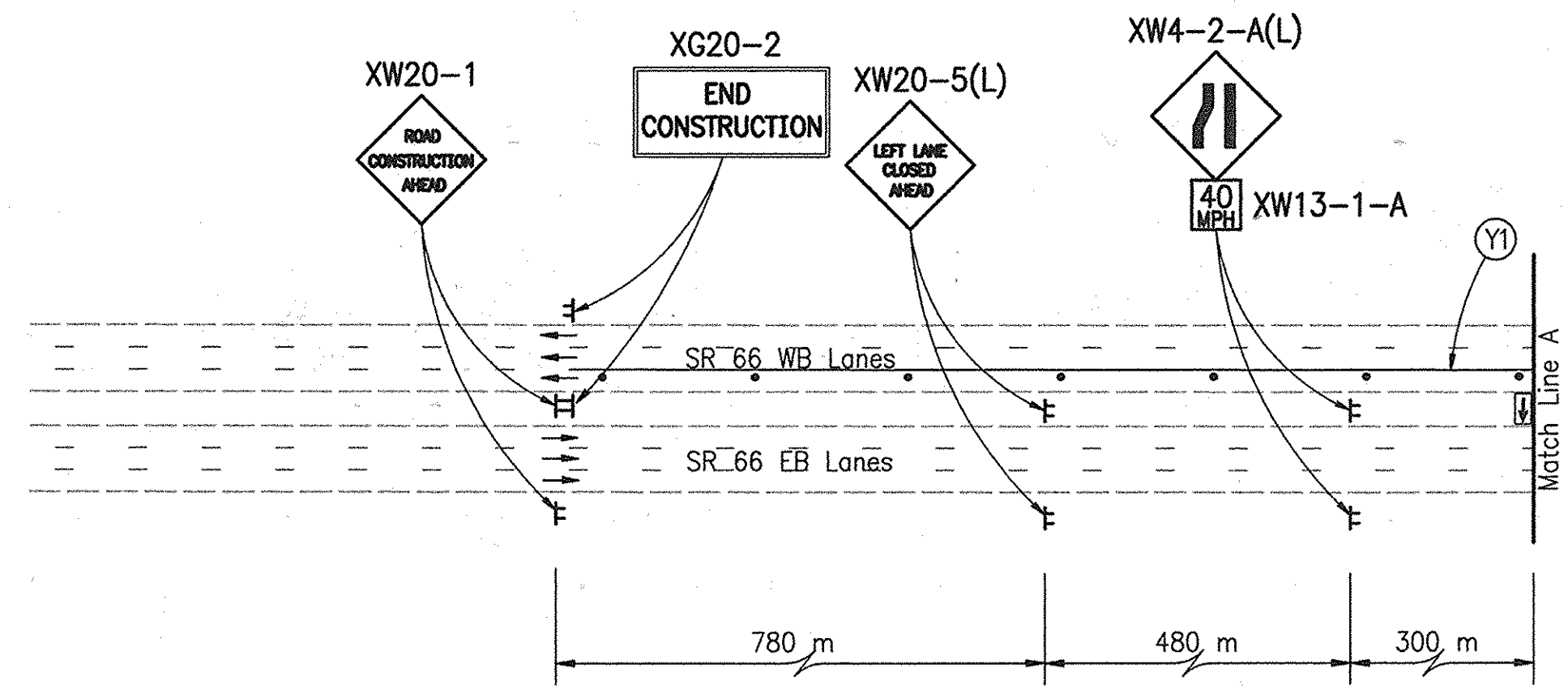
LEGEND

- Flashing Arrow Sign
- (W1) Temporary Pavement Marking, Removable, 100 mm (White)
- (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- Construction Sign & Supports
- Standard Drum
- Standard Barricade, Type III-A
- * * Removal of Pavement Markings
- ▨ Temporary Pavement (HMA Base-25.0, 225 mm)

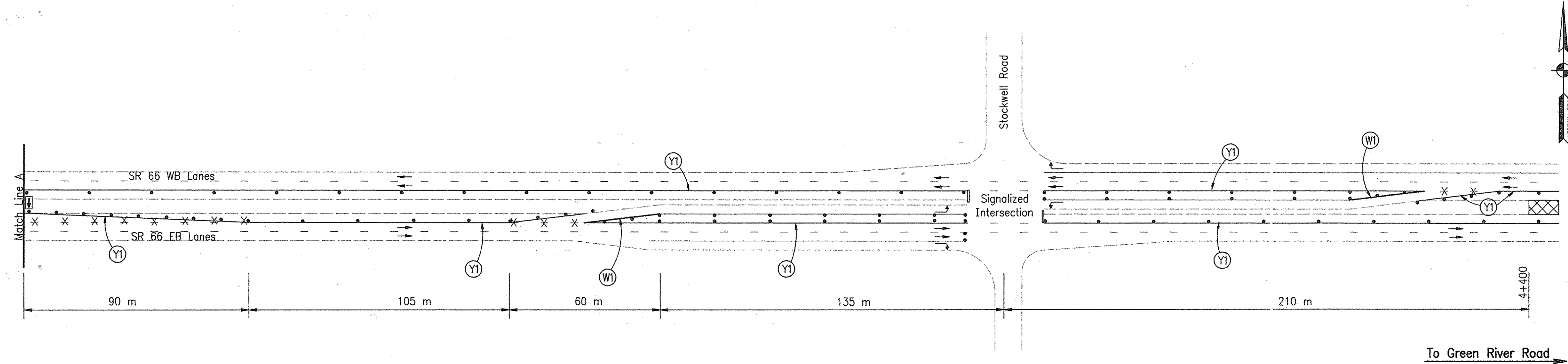
Constr. Zone Design Speed	Typical Drum Spacing	
	Taper Section	Tangent Section
60 km/h	11 m	22 m
50 km/h	9 m	18 m

TRAFFIC MAINTENANCE - ITEMIZED LIST

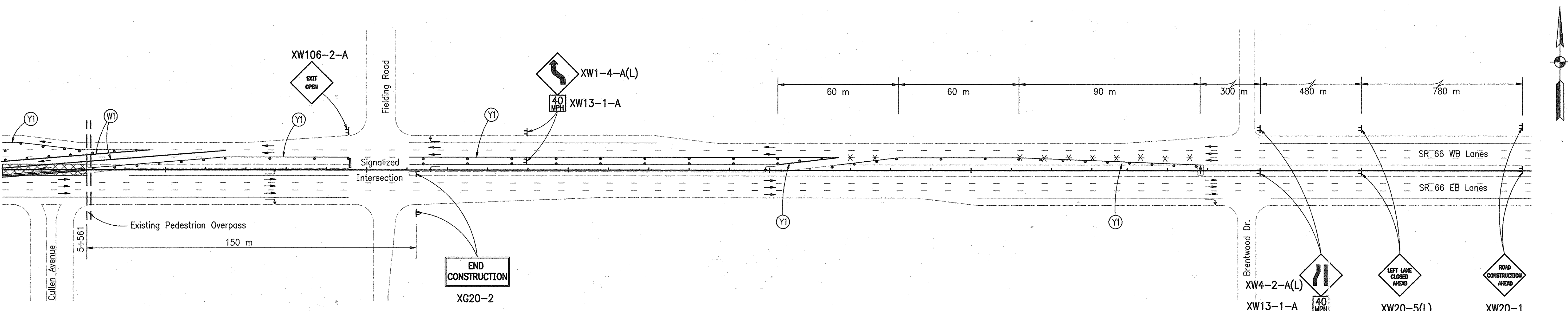
Phase	I A	I B	I C	I D	TOTAL	
Barricade III-A	17	17	17	3	17	EACH
Construction Signs, Type "A"	22	25	26	26	26	EACH
Construction Signs, Type "B"	16	16	16	16	16	EACH
Flashing Arrow Sign	690	690	690	360	690	DAYS
Temporary Pavement Marking, 100 mm	3988	0	70	0	4058	m
Temporary Pavement Marking, Removable, 100 mm	7806	426	308	2748	11288	m
Temporary Transverse Pavement Marking, Removable, 600 mm	47	14	8	0	69	m
Temporary Pavement Message Marking, Lane Indication Arrow	1	0	0	0	1	EACH
Temporary Pavement Message Marking, Removable, Lane Indication Arrow	3	3	3	0	9	EACH
Temporary Concrete Barrier	1216	1321	1216	2231	2231	m
Temporary Concrete Barrier (Anchored)	100	100	100	0	100	m
Energy Absorbing Terminal, Cz, TL-3	0	0	0	0	0	EACH
Temporary Traffic Signal	1	1	1	1	1	L.S.
HMA Base, 25.0 mm (Temporary Pavement) for Temporary Pavement (225 mm)	5617	0	0	2053	7670	m ²



To Green River Road



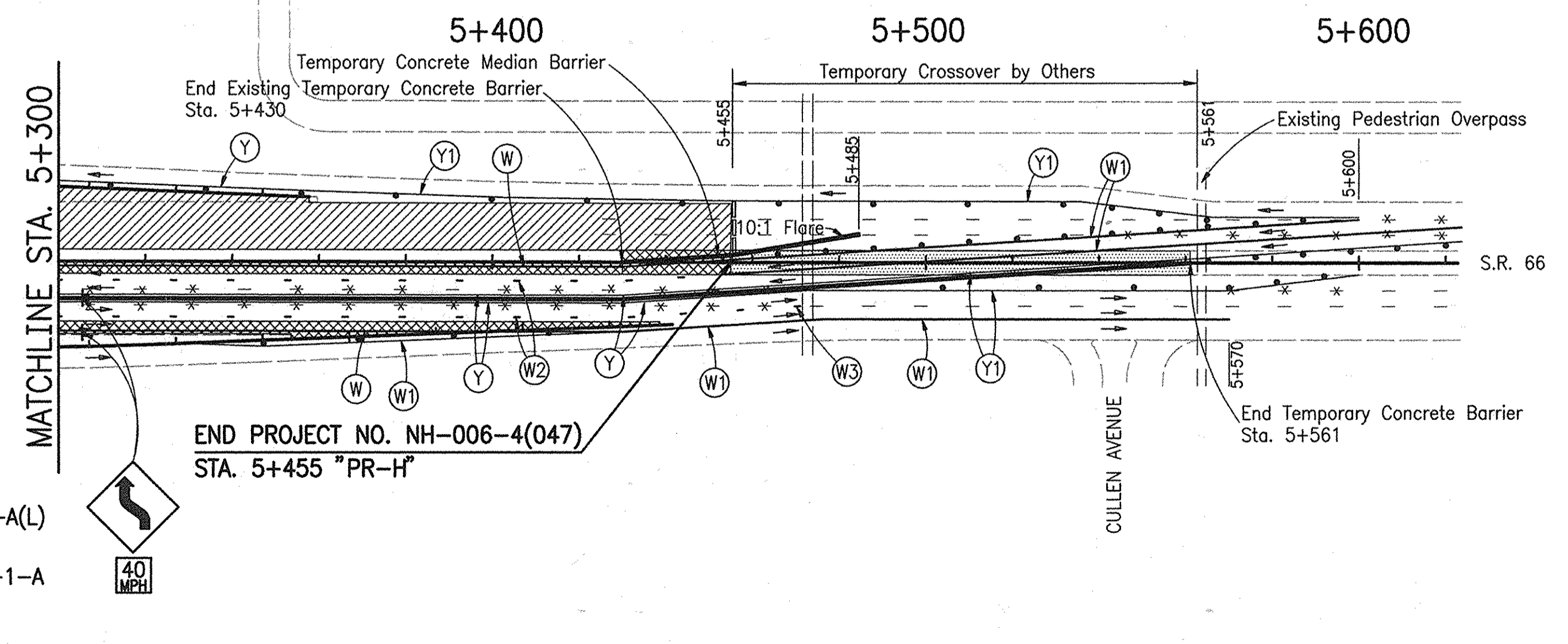
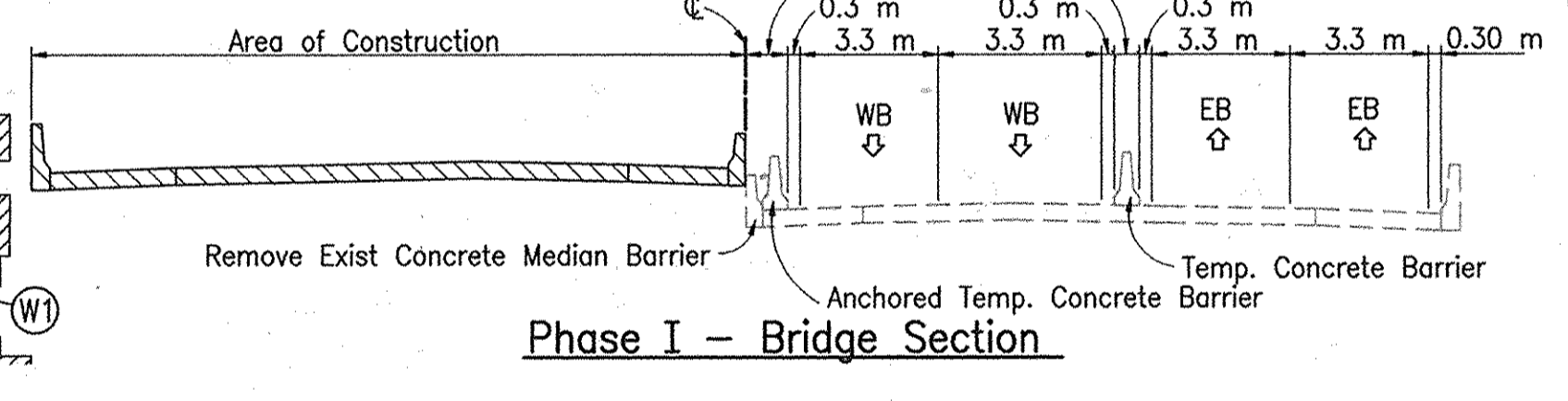
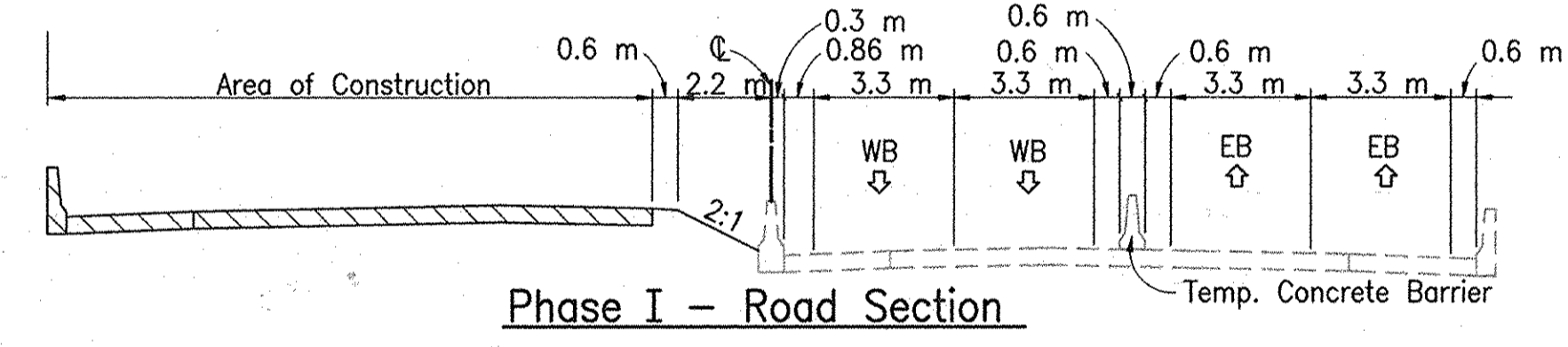
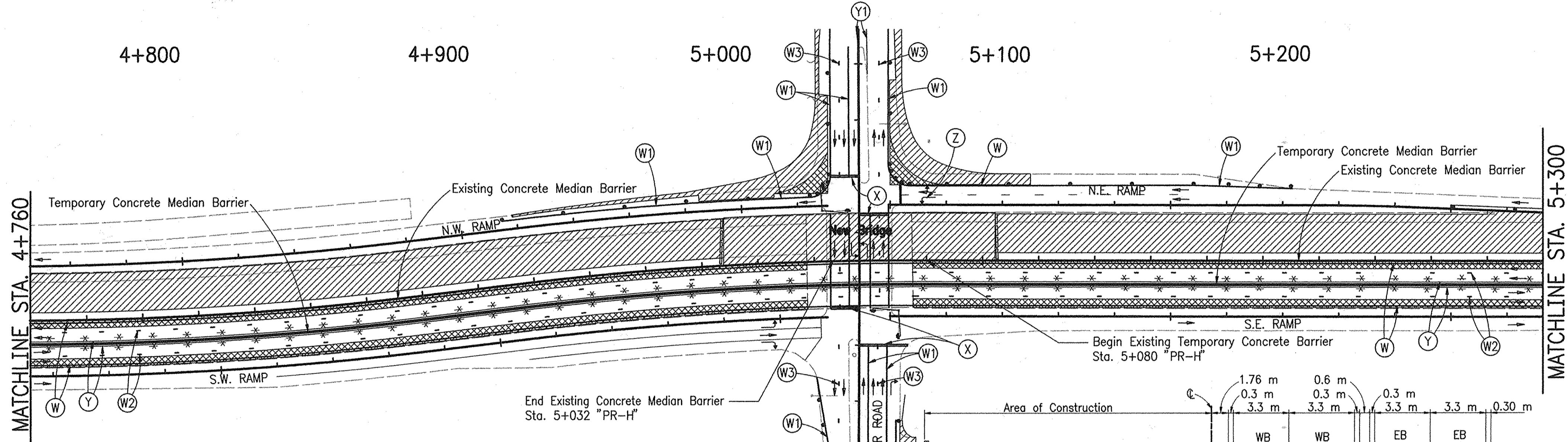
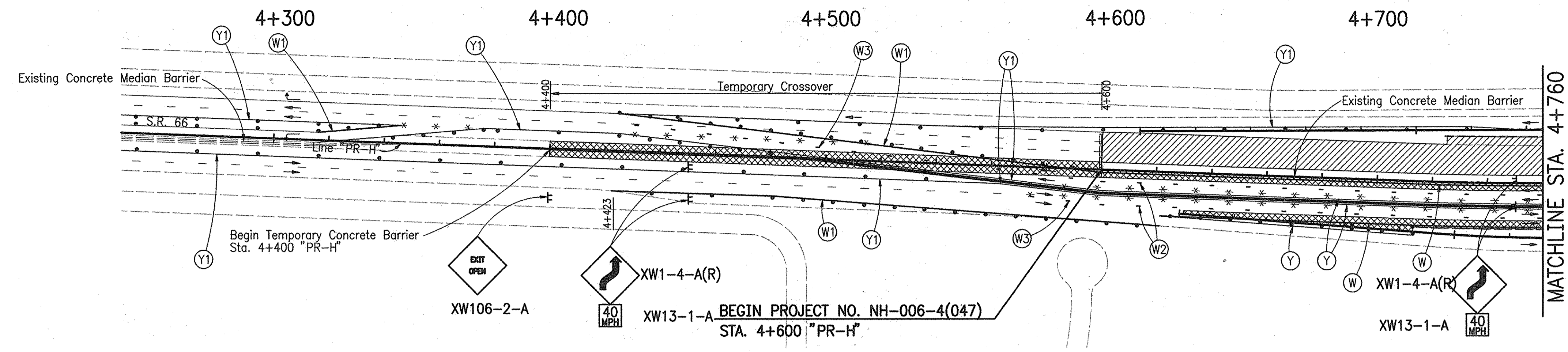
To Green River Road



ADVANCED SIGNING DETAILS

D:\Project\3307\Plans\06_Maintenance of Traffic\advspn01.dwg © 1000 m - Sep. 11, 2002 2:55 p.m.

		RECOMMENDED FOR APPROVAL		9/12/02	DATE	
		DESIGNED: DJG	DRAWN: MTM			
		CHECKED: MAE	CHECKED: DJG			
INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC PHASE I						
HORIZONTAL SCALE		BRIDGE FILE				
1:1000						
VERTICAL SCALE		DESIGNATION NO.				
N/A		9223010				
SURVEY BOOK		SHEETS				
		12 of 147				
CONTRACT		PROJECT NO.				
R-24951		NH-006-4(047)				



CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

SEQUENCE OF OPERATIONS
PHASE IA
 S.R. 66 (Lloyd Expressway)
 Temporary Crossover from Sta. 5+455 to Sta. 5+563 "PR-H" built under previous contract. Temporary barriers will be in place at start of this project.

- Using Continuous Left Lane Closure as shown in Std. Dwg 801-TCLC-04, Extend existing Temporary Crossover from Sta. 5+430 to Sta. 5+455 "PR-H". Remove existing barrier wall from Sta. 4+400 to Sta. 4+600 "PR-H" and construct temporary crossover. Remove existing partial depth asphalt median shoulder for eastbound SR 66 from Sta. 4+600 to Sta. 5+037 "PR-H" and Sta. 5+075 to Sta. 5+430 "PR-H" and install temporary full depth pavement.
- Using Continuous Right Lane Closure as shown in Std. Dwg 801-TCLC-02, Remove existing partial depth asphalt outside shoulder for eastbound SR 66 from Sta. 4+618 to Sta. 5+037 "PR-H" and Sta. 5+075 to Sta. 5+360 "PR-H" and install temporary full depth pavement.
- Place temporary concrete barrier wall as shown on the plans for Phase I.
- Divert westbound traffic to eastbound lanes. Two lanes of traffic shall be maintained for eastbound and westbound traffic at all times.
- Begin construction of westbound lanes from Sta. 4+600 to Sta. 5+455 "PR-H" and the westbound bridge as shown on the plans.
- Construct northwest and northeast ramp terminals as shown on the ramp terminal sequence of construction sheets.
- Install temporary traffic signal at northern ramp terminals.

- NOTES:**
- Contractor shall use half at a time construction where necessary.
 - Access to streets, commercial and public drives shall be maintained at all times.
 - Temporary Traffic Signal shall be installed prior to removal of existing signal equipment in northwest quadrant.



- LEGEND**
- (W) Temporary Pavement Marking, 100 mm (White)
 - (W1) Temporary Pavement Marking, Removable, 100 mm (White)
 - (W2) Temporary Pavement Marking, 100 mm (Broken White)
 - (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
 - (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
 - (Y) Temporary Pavement Marking, 100 mm (Yellow)
 - (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
 - (Z) Temporary Pavement Message Marking, Lane Indication Arrow
 - Construction Sign & Supports
 - Standard Drum
 - Standard Barricade Type III-A
 - × × Removal of Pavement Markings
 - Temporary Pavement - HMA Base 25.0, 225-mm
 - Area Under Construction
 - Existing Temporary Crossover

D:\Project\3307\Plans\06_Maintenance of Traffic\3307mt1A.dwg @ 1000 m - Sep. 11, 2002 2:56 p.m. - pspace series: .shx



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	RECOMMENDED FOR APPROVAL <i>D. DJG</i> 9/12/02 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC DETAILS - LINE "PR-H" PHASE IA	HORIZONTAL SCALE 1:1000	BRIDGE FILE
	DESIGNED: DJG DRAWN: MTM CHECKED: MAE CHECKED: DJG		VERTICAL SCALE N/A	DESIGNATION 9223010
			SURVEY BOOK	SHEETS
			CONTRACT R-24951	13 of 147 PROJECT NH-006-4(047)

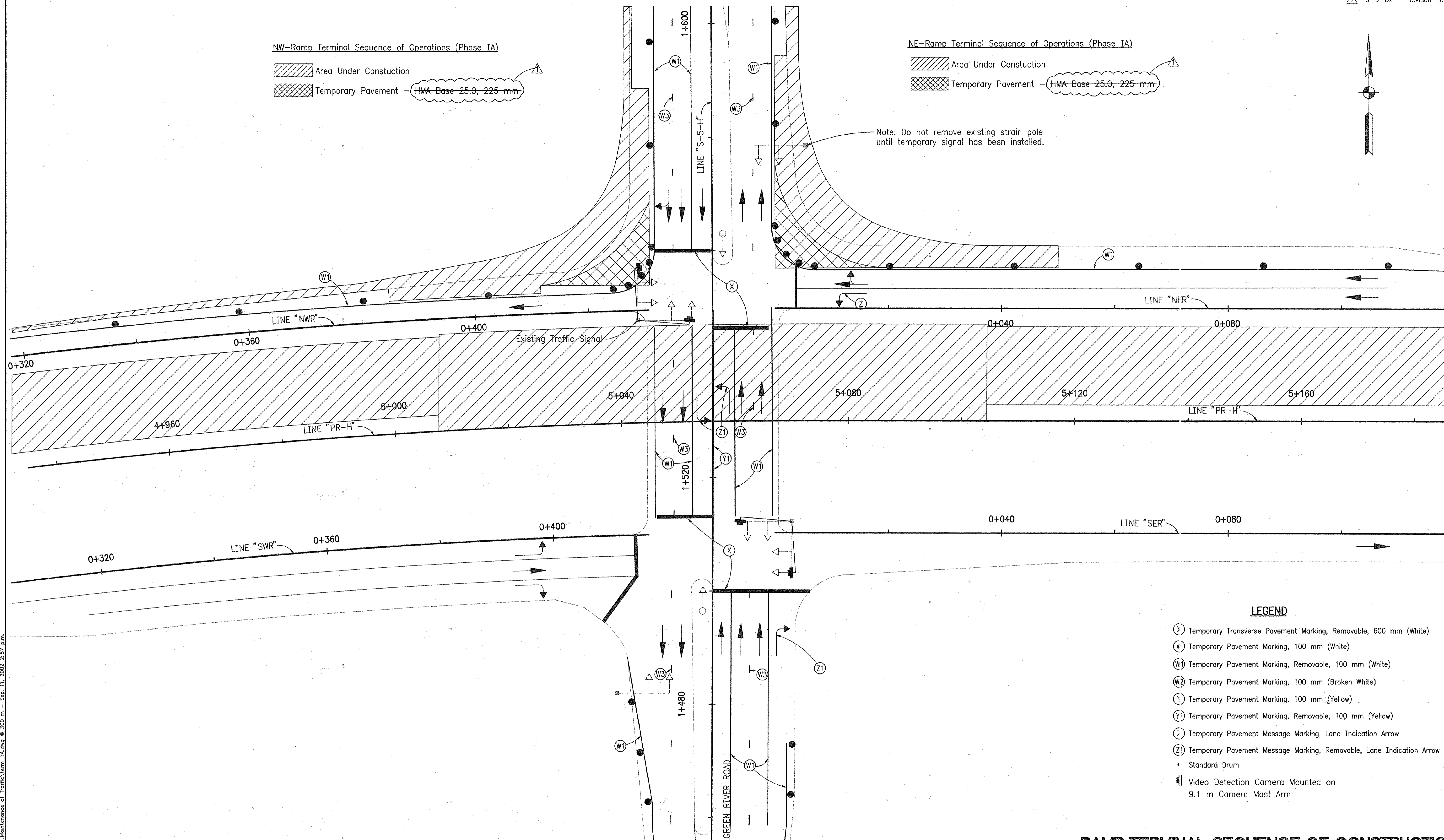
NW-Ramp Terminal Sequence of Operations (Phase IA)

-  Area Under Constuction
-  Temporary Pavement - HMA Base 25.0, 225 mm

NE-Ramp Terminal Sequence of Operations (Phase IA)

-  Area Under Constuction
-  Temporary Pavement - HMA Base 25.0, 225 mm

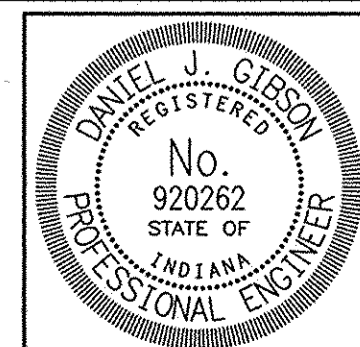
Note: Do not remove existing strain pole until temporary signal has been installed.



LEGEND

-  Temporary Transverse Pavement Marking, Removable, 600 mm (White)
-  Temporary Pavement Marking, 100 mm (White)
-  Temporary Pavement Marking, Removable, 100 mm (White)
-  Temporary Pavement Marking, 100 mm (Broken White)
-  Temporary Pavement Marking, 100 mm (Yellow)
-  Temporary Pavement Marking, Removable, 100 mm (Yellow)
-  Temporary Pavement Message Marking, Lane Indication Arrow
-  Temporary Pavement Message Marking, Removable, Lane Indication Arrow
-  Standard Drum
-  Video Detection Camera Mounted on 9.1 m Camera Mast Arm

RAMP TERMINAL SEQUENCE OF CONSTRUCTION

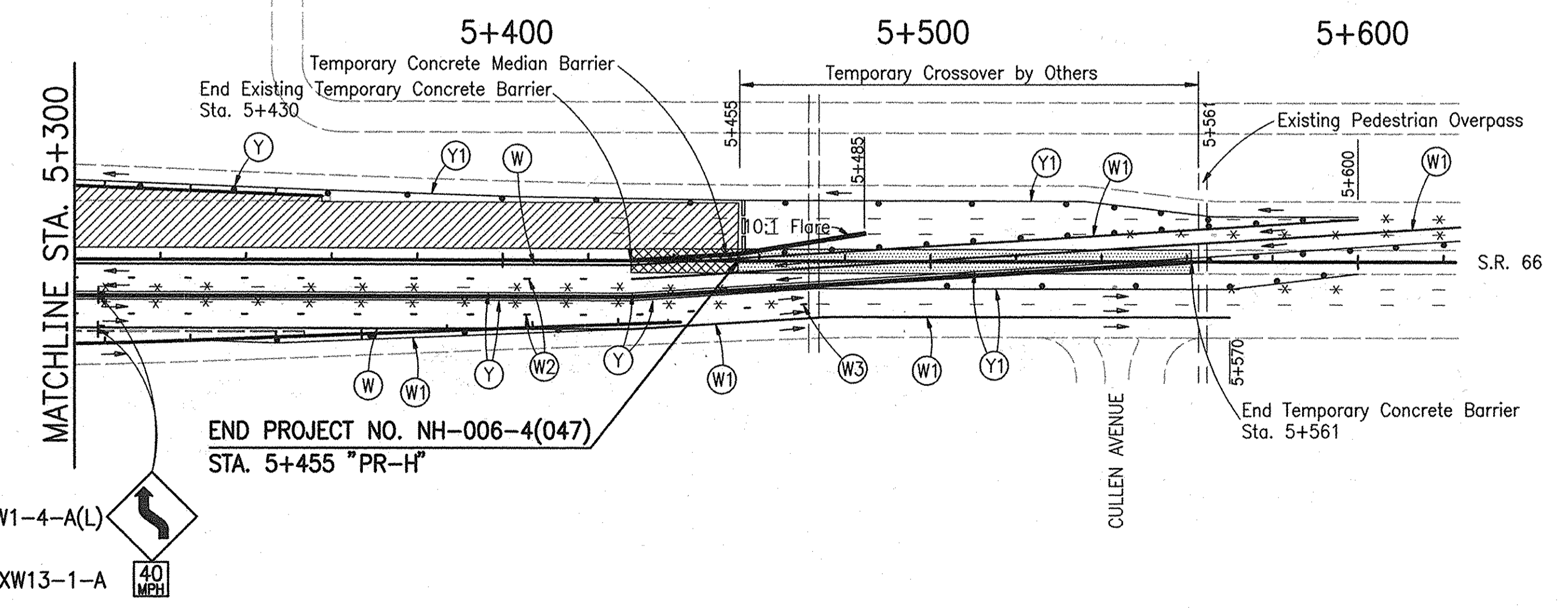
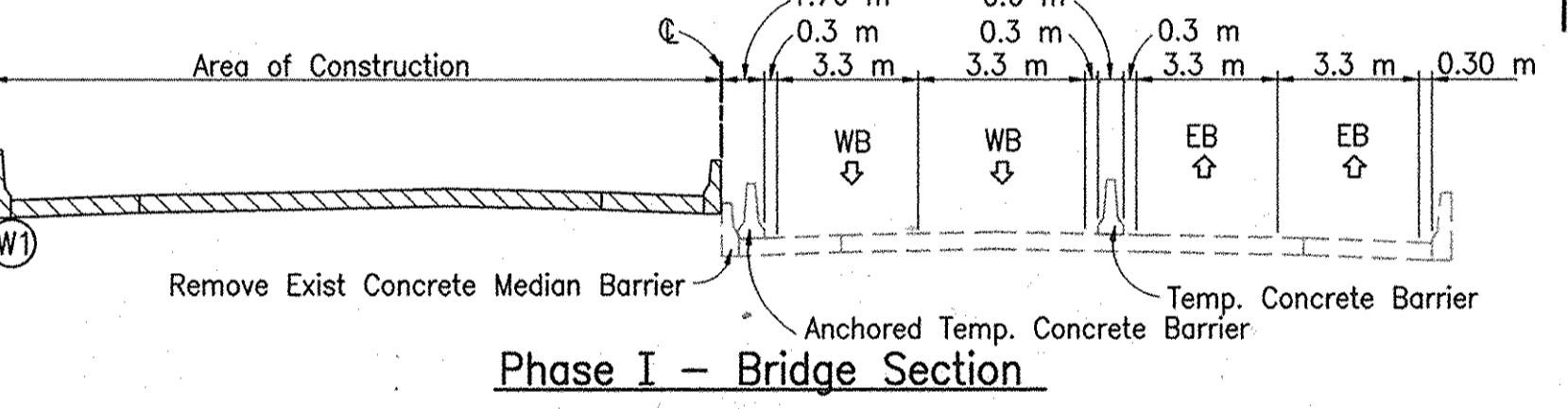
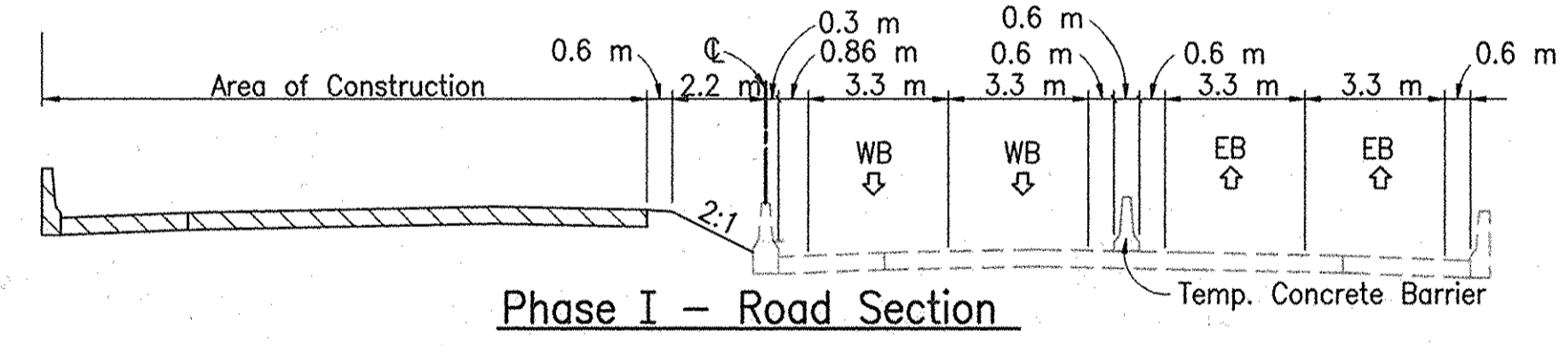
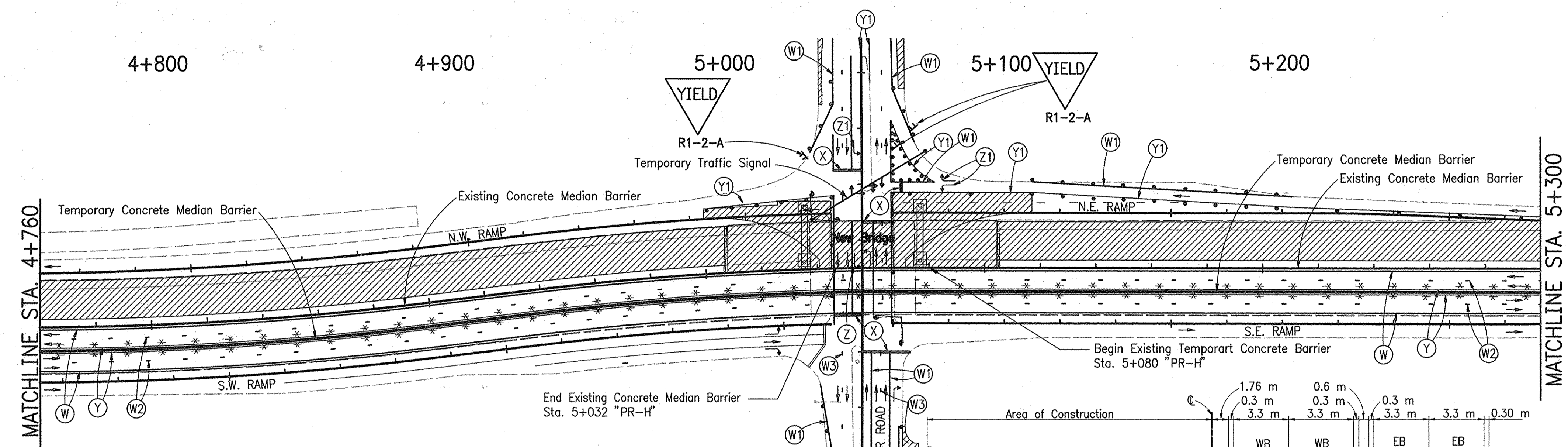
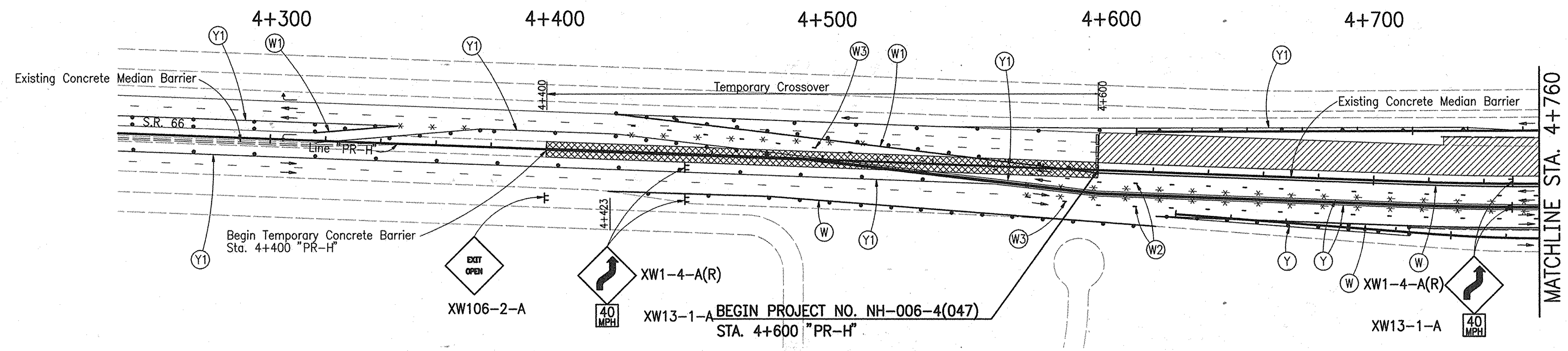


RECOMMENDED FOR APPROVAL	<i>D.J.G.</i>	9/12/02
DESIGNED: DJG	DRAWN: MTM	DATE
CHECKED: MAE	CHECKED: DJG	

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC PHASE IA	

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	14 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

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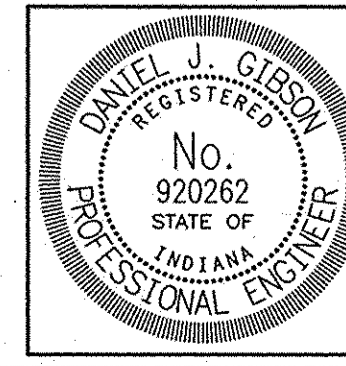
CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

- SEQUENCE OF OPERATIONS**
- PHASE IB**
S.R. 66 (Lloyd Expressway)
- Continue construction of westbound lanes from Sta. 4+600 to Sta. 5+455 "PR-H" and westbound bridge as shown on the plans while maintaining two lanes of traffic for eastbound and westbound traffic at all times.
 - Construct northwest and northeast ramp terminals as shown on the ramp terminal sequence of construction sheets.

- NOTES:**
- Contractor shall use half at a time construction where necessary.
 - Access to streets, commercial and public drives shall be maintained at all times.

- LEGEND**
- (W) Temporary Pavement Marking, 100 mm (White)
 - (W1) Temporary Pavement Marking, Removable, 100 mm (White)
 - (W2) Temporary Pavement Marking, 100 mm (Broken White)
 - (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
 - (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
 - (Y) Temporary Pavement Marking, 100 mm (Yellow)
 - (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
 - (Z) Temporary Pavement Message Marking, Lane Indication Arrow
 - (Z1) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
 - Construction Sign & Supports
 - Standard Drum
 - Standard Barricade Type III-A
 - * * Removal of Pavement Markings
 - [Hatched Box] Temporary Pavement - HMA Base 25.0, 225 mm
 - [Diagonal Lines Box] Area Under Construction
 - [Dotted Box] Existing Temporary Crossover

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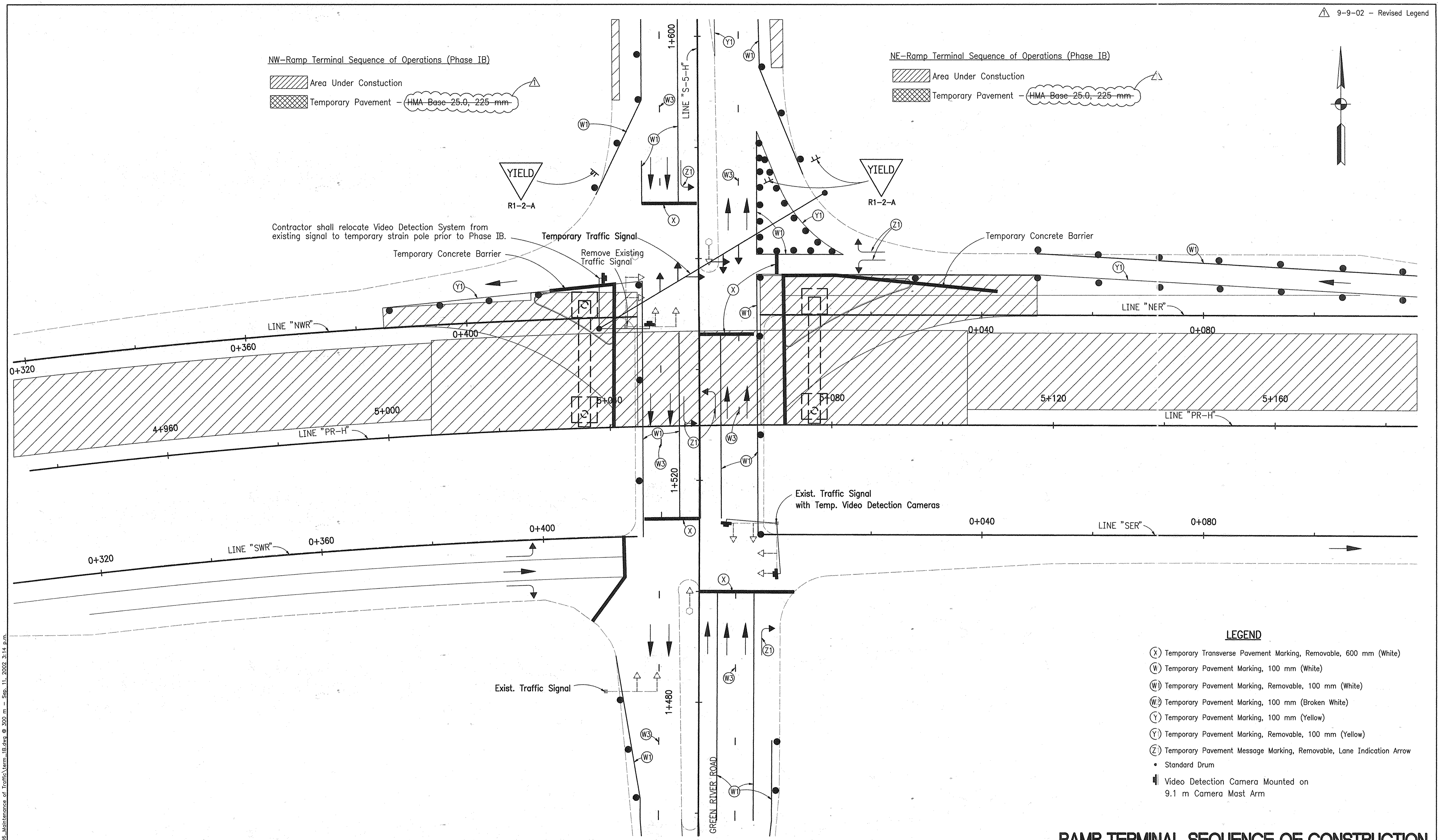
RECOMMENDED FOR APPROVAL: *D.J.G.* 9/12/02
DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS - LINE "PR-H" PHASE IB

HORIZONTAL SCALE	BRIDGE FILE
1:1000	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	15 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)



NW-Ramp Terminal Sequence of Operations (Phase IB)

- Area Under Constuction
- Temporary Pavement - HMA Base 25.0, 225 mm

NE-Ramp Terminal Sequence of Operations (Phase IB)

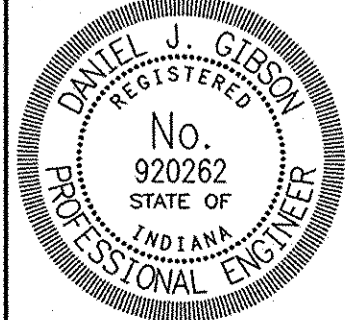
- Area Under Constuction
- Temporary Pavement - HMA Base 25.0, 225 mm

LEGEND

- (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
- (W) Temporary Pavement Marking, 100 mm (White)
- (W1) Temporary Pavement Marking, Removable, 100 mm (White)
- (W2) Temporary Pavement Marking, 100 mm (Broken White)
- (Y) Temporary Pavement Marking, 100 mm (Yellow)
- (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- (Z) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
 - Standard Drum
- Video Detection Camera Mounted on 9.1 m Camera Mast Arm

RAMP TERMINAL SEQUENCE OF CONSTRUCTION

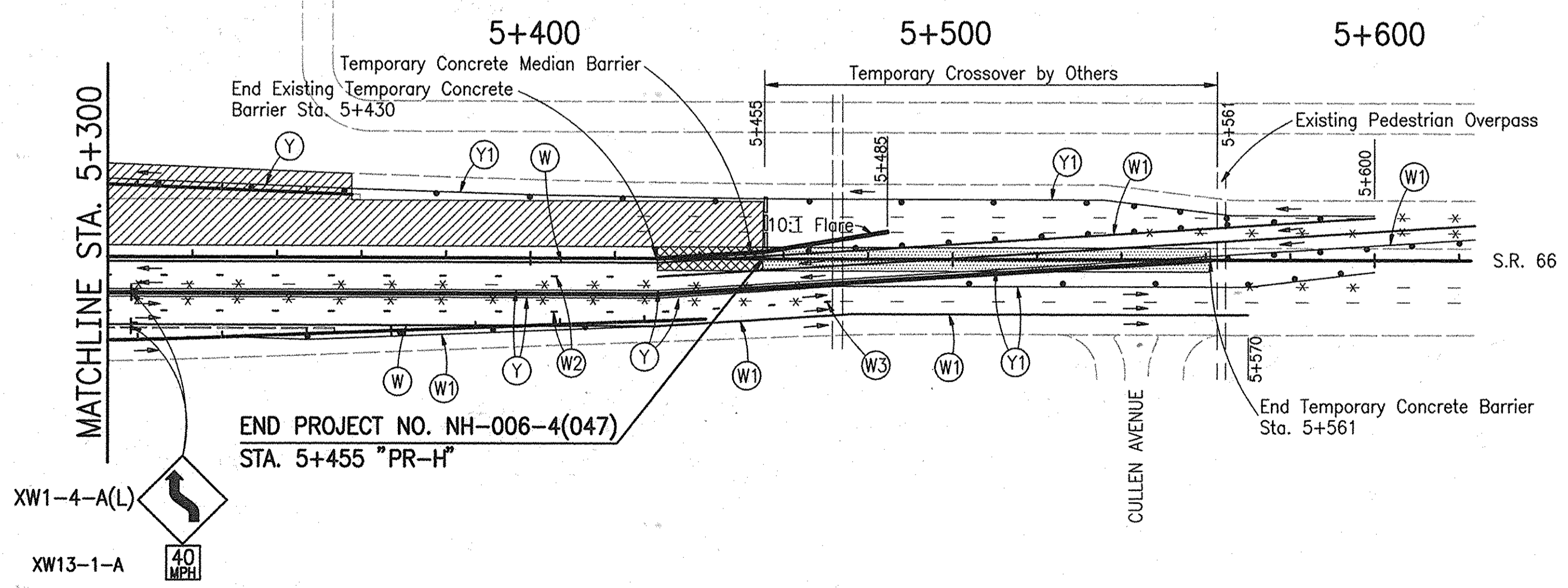
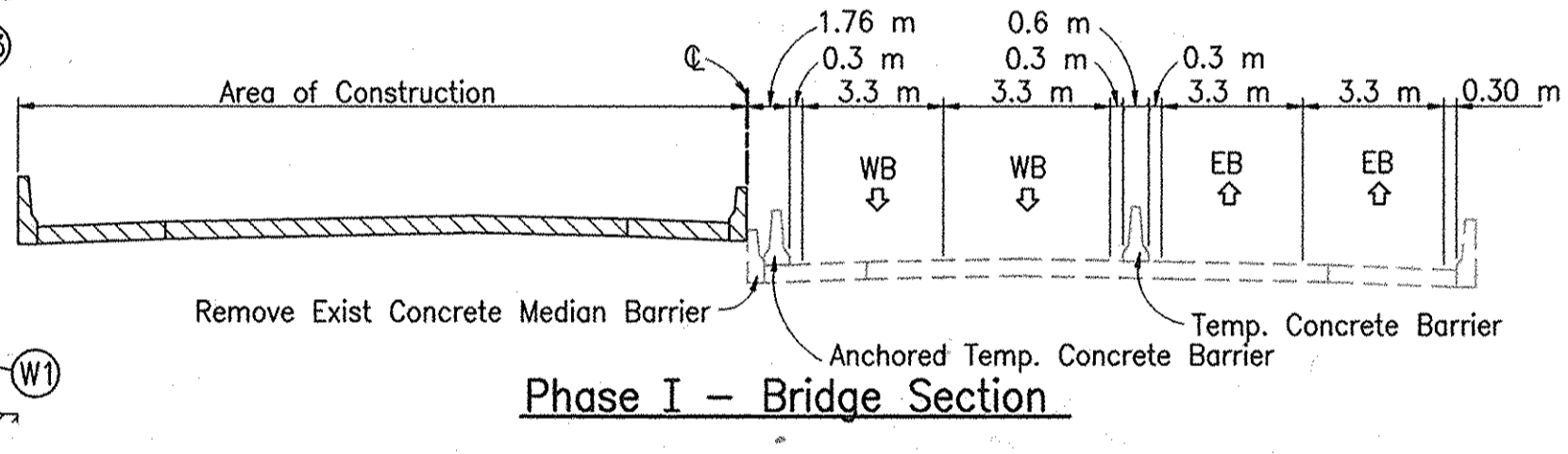
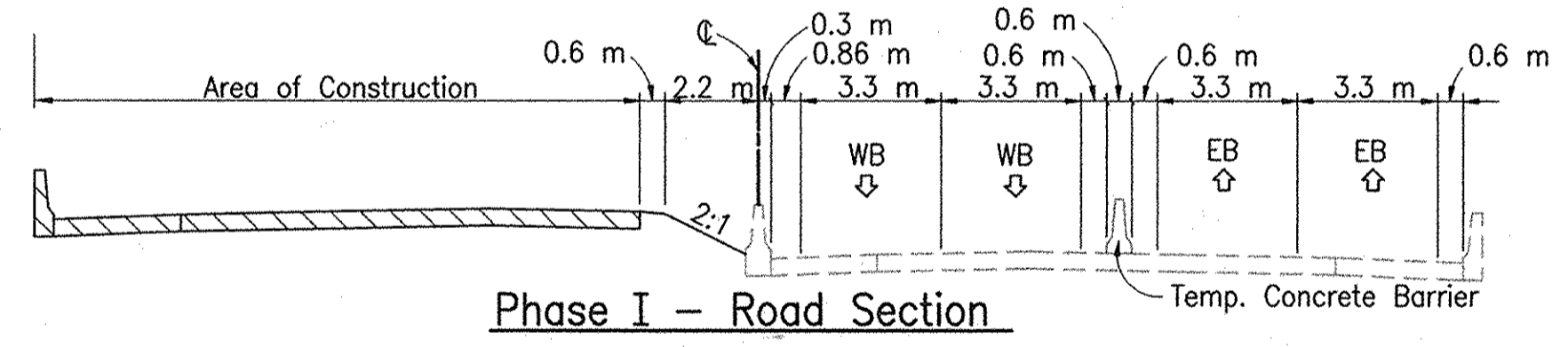
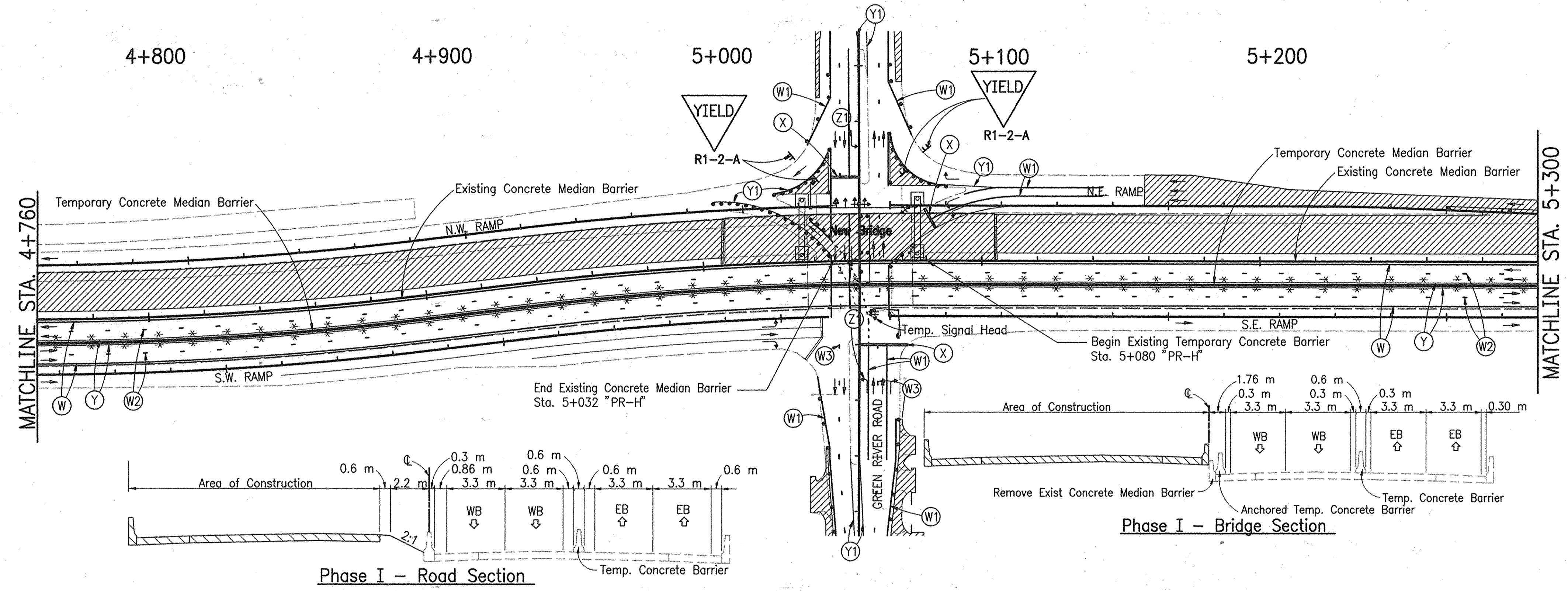
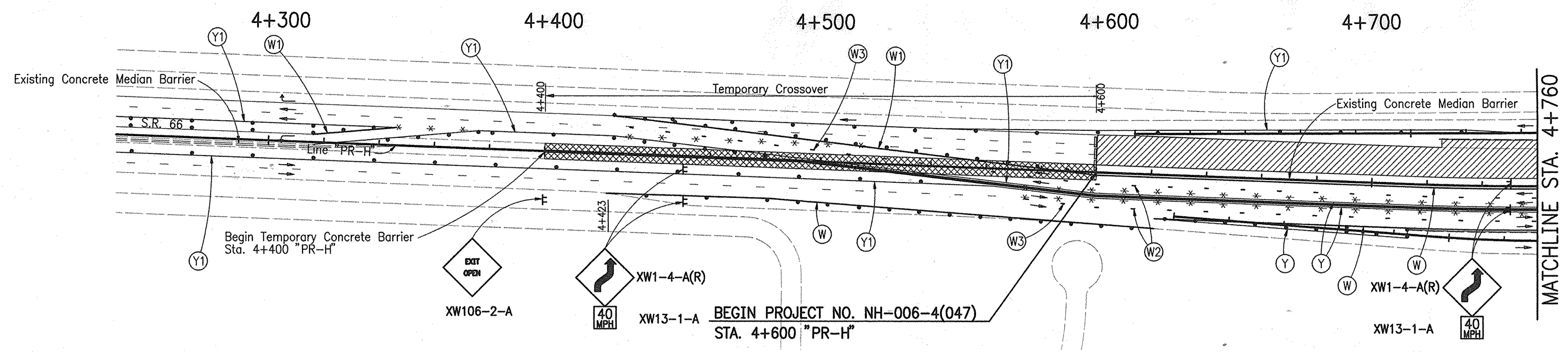
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	RECOMMENDED FOR APPROVAL	<i>D.J.G.</i> 9/12/02
	DESIGNED: DJG	DRAWN: MTM
	CHECKED: MAE	CHECKED: DJG
	DATE	

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE IB

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	16 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)



CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

- SEQUENCE OF OPERATIONS**
- PHASE IC
S.R. 66 (Lloyd Expressway)
- Continue construction of westbound lanes from Sta. 4+600 to Sta. 5+455 "PR-H" and westbound bridge as shown on the plans while maintaining two lanes of traffic for eastbound and westbound traffic at all times.
 - Construct northwest and northeast ramp terminals as shown on the ramp terminal sequence of construction sheets.
 - Construct northeast ramp from Sta. 0+091 to Sta. 0+290 "NER".
- (Note: During closure, "EXIT OPEN" Sign [XW106-2-A] shall be changed to "EXIT CLOSED" [XW106-21-A]. Standard Drums and temporary pavement marking, removable shall be revised to reflect the closure. As soon as ramp can be opened to traffic, signs and pavement markings shall be revised to indicate ramp is open to traffic.)

- NOTES:**
- Contractor shall use half at a time construction where necessary.
 - Access to streets, commercial and public drives shall be maintained at all times.

- LEGEND**
- (W) Temporary Pavement Marking, 100 mm (White)
 - (W1) Temporary Pavement Marking, Removable, 100 mm (White)
 - (W2) Temporary Pavement Marking, 100 mm (Broken White)
 - (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
 - (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
 - (Y) Temporary Pavement Marking, 100 mm (Yellow)
 - (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
 - (Y2) Temporary Pavement Marking, 100 mm (Broken Yellow)
 - (Z) Temporary Pavement Message Marking, Lane Indication Arrow
 - (Z1) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
 - Construction Sign & Supports
 - Standard Drum
 - Standard Barricade Type III-A
 - * * Removal of Pavement Markings
 - [Hatched Box] Temporary Pavement - HMA Base 25.0, 225 mm
 - [Diagonal Lines] Area Under Construction
 - [Dotted Box] Existing Temporary Crossover

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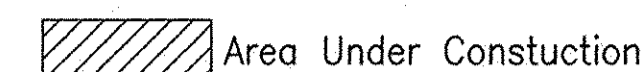

RECOMMENDED FOR APPROVAL	<i>D. Gieson</i> 9/12/02 DESIGN ENGINEER DATE
DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC DETAILS - LINE "PR-H" PHASE IC	

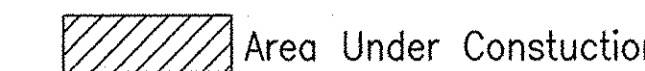
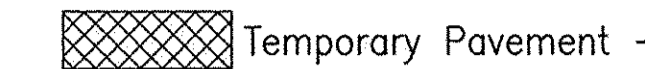
HORIZONTAL SCALE	BRIDGE FILE
1:1000	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	17 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

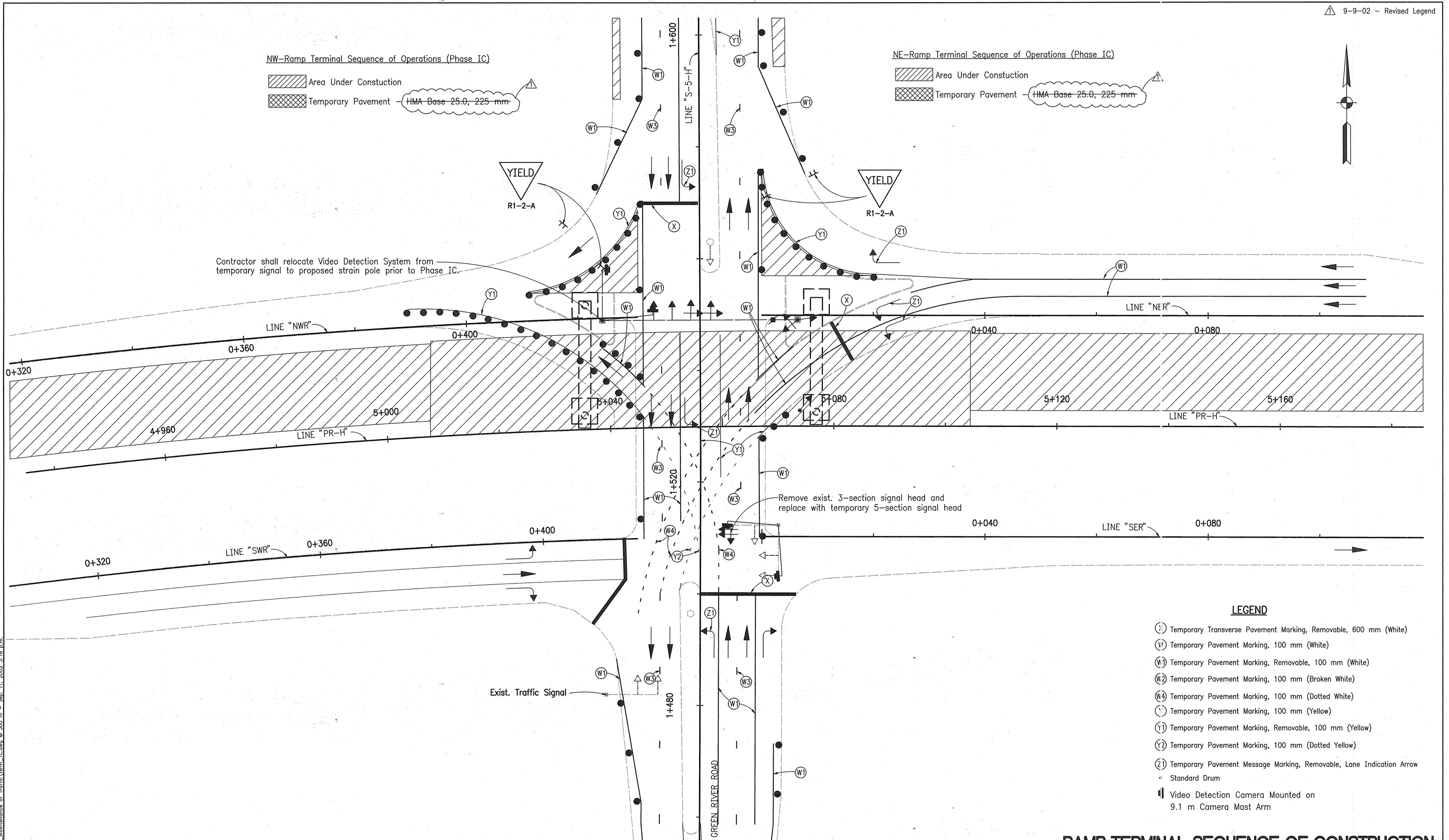
HORIZONTAL SCALE 1:1000	
VERTICAL SCALE N/A	
SURVEY BOOK SHEETS 17 of 147	
CONTRACT R-24951	
PROJECT NH-006-4(047)	

NW-Ramp Terminal Sequence of Operations (Phase IC)












-  Area Under Construction
-  Temporary Pavement - HMA Base 25.0, 225 mm

NE-Ramp Terminal Sequence of Operations (Phase IC)

-  Area Under Construction
-  Temporary Pavement - HMA Base 25.0, 225 mm

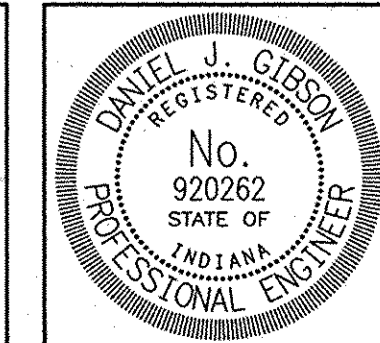


LEGEND

-  Temporary Transverse Pavement Marking, Removable, 600 mm (White)
-  Temporary Pavement Marking, 100 mm (White)
-  Temporary Pavement Marking, Removable, 100 mm (White)
-  Temporary Pavement Marking, 100 mm (Broken White)
-  Temporary Pavement Marking, 100 mm (Dotted White)
-  Temporary Pavement Marking, 100 mm (Yellow)
-  Temporary Pavement Marking, Removable, 100 mm (Yellow)
-  Temporary Pavement Marking, 100 mm (Dotted Yellow)
-  Temporary Pavement Message Marking, Removable, Lane Indication Arrow
-  Standard Drum
-  Video Detection Camera Mounted on 9.1 m Camera Mast Arm

RAMP TERMINAL SEQUENCE OF CONSTRUCTION

D:\Project\3307\Plans\06_Maintenance of Traffic\Term-IC.dwg @ 300 m - Sep. 11, 2002 3:18 p.m.

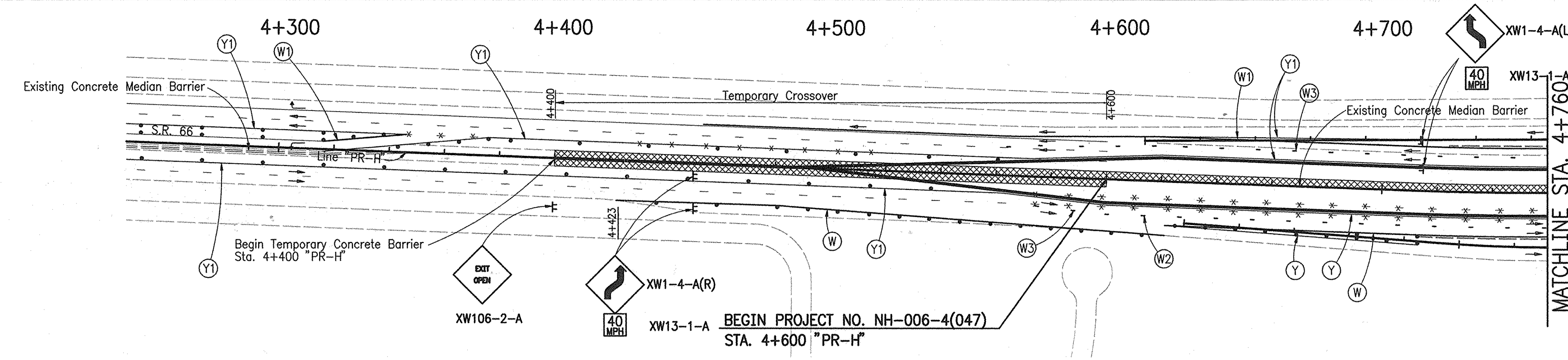


RECOMMENDED FOR APPROVAL	<i>Daniel J. Giersa</i> 9/12/02
DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE IC

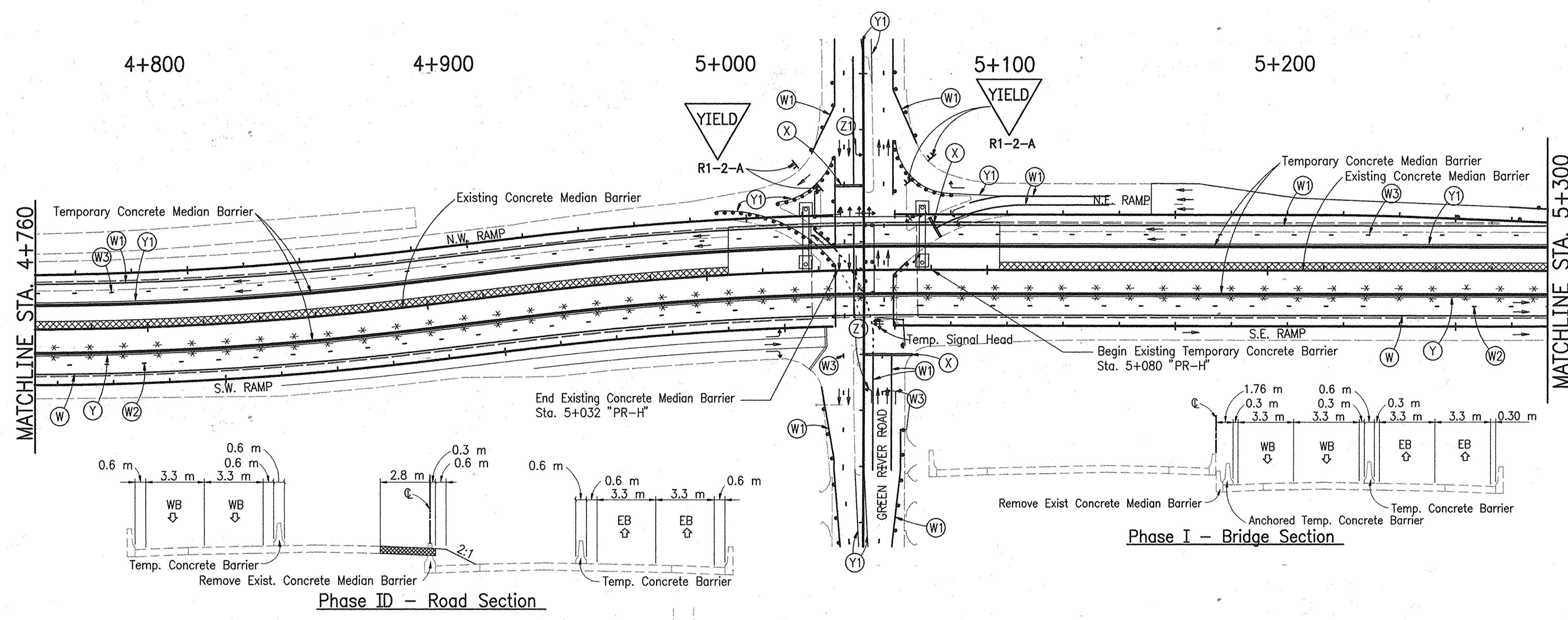
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1:300	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	18 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)



CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

PHASE: IC
S.R. 66 (Lloyd Expressway)

- SEQUENCE OF OPERATIONS**
1. Divert westbound traffic to westbound lanes and maintain eastbound traffic on eastbound lanes as shown on plans.
 2. Construct temporary pavement of westbound lanes from Sta. 4+600 to Sta. 5+037 "PR-H" and Sta. 5+075 to Sta. 5+430 "PR-H" as shown on the plans while maintaining two lanes of traffic for eastbound and westbound traffic at all times.



- NOTES:**
1. Contractor shall use half at a time construction where necessary.
 2. Access to streets, commercial and public drives shall be maintained at all times.

- LEGEND**
- (W) Temporary Pavement Marking, 100 mm (White)
 - (W1) Temporary Pavement Marking, Removable, 100 mm (White)
 - (W2) Temporary Pavement Marking, 100 mm (Broken White)
 - (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
 - (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
 - (Y) Temporary Pavement Marking, 100 mm (Yellow)
 - (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
 - (Y2) Temporary Pavement Marking, 100 mm (Broken Yellow)
 - (Z) Temporary Pavement Message Marking, Lane Indication Arrow
 - (Z1) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
 - Construction Sign & Supports
 - Standard Drum
 - Standard Barricade Type III-A
 - * * Removal of Pavement Markings
 - Temporary Pavement - HMA Base 25.0, 225 mm
 - Area Under Construction
 - Existing Temporary Crossover

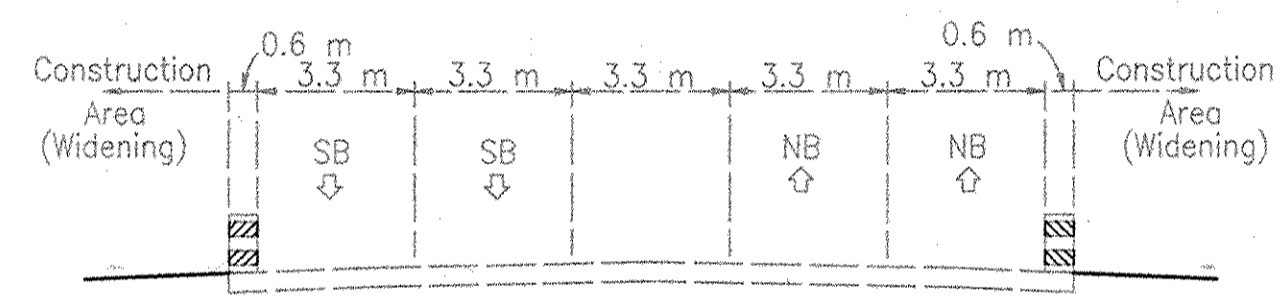
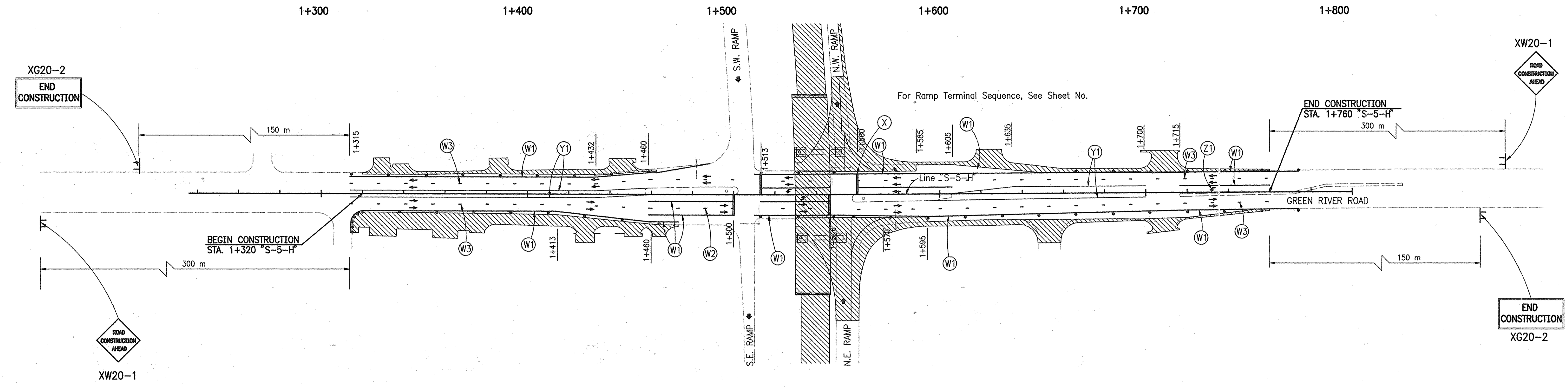
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D:\Project\3307\Plans\05_Maintenance of Traffic\3307.mxd, Wed Sep 11 15:16:54 2002, tm

	RECOMMENDED FOR APPROVAL		9/12/02 DATE	INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC DETAILS - LINE "PR-H" PHASE ID	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: DJG	DRAWN: MTM	CONTRACT		SHEETS	
CHECKED: MAE	CHECKED: DJG	R-24951	19 of 147	PROJECT	NH-006-4(047)	



CONSTRUCTION ZONE DESIGN SPEED IS 50 km/h



TYPICAL SECTION
GREEN RIVER ROAD

LEGEND

- (W) Temporary Pavement Marking, 100 mm (White)
- (W1) Temporary Pavement Marking, Removable, 100 mm (White)
- (W2) Temporary Pavement Marking, 100 mm (Broken White)
- (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
- (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
- (Y) Temporary Pavement Marking, 100 mm (Yellow)
- (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- (Z1) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
- Flashing Arrow Sign
- Construction Sign & Supports
 - Standard Drum
 - Standard Barricade Type III-A
- × × Removal of Pavement Markings
- Temporary Pavement - HMA Base 25.0, 225 mm
- Area Under Construction

SEQUENCE OF OPERATIONS

PHASE I

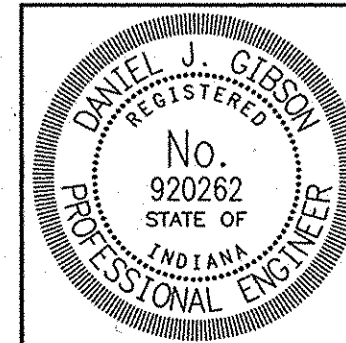
Green River Road

1. Widen Green River Road as shown on the plans while maintaining traffic.

NOTES:

1. Contractor shall use half at a time construction where necessary.
2. Access to streets, commercial and public drives shall be maintained at all times.

D:\Project\3307\Plans\06_Maintenance of Traffic\3307.mtl.dwg @ 1000 m - Sep. 11, 2002 3:17 p.m. - rspace



RECOMMENDED FOR APPROVAL	<i>Daniel J. Gibson</i>	9/2/02
DESIGNED: DJG	DRAWN: MTM	DATE
CHECKED: MAE	CHECKED: DJG	

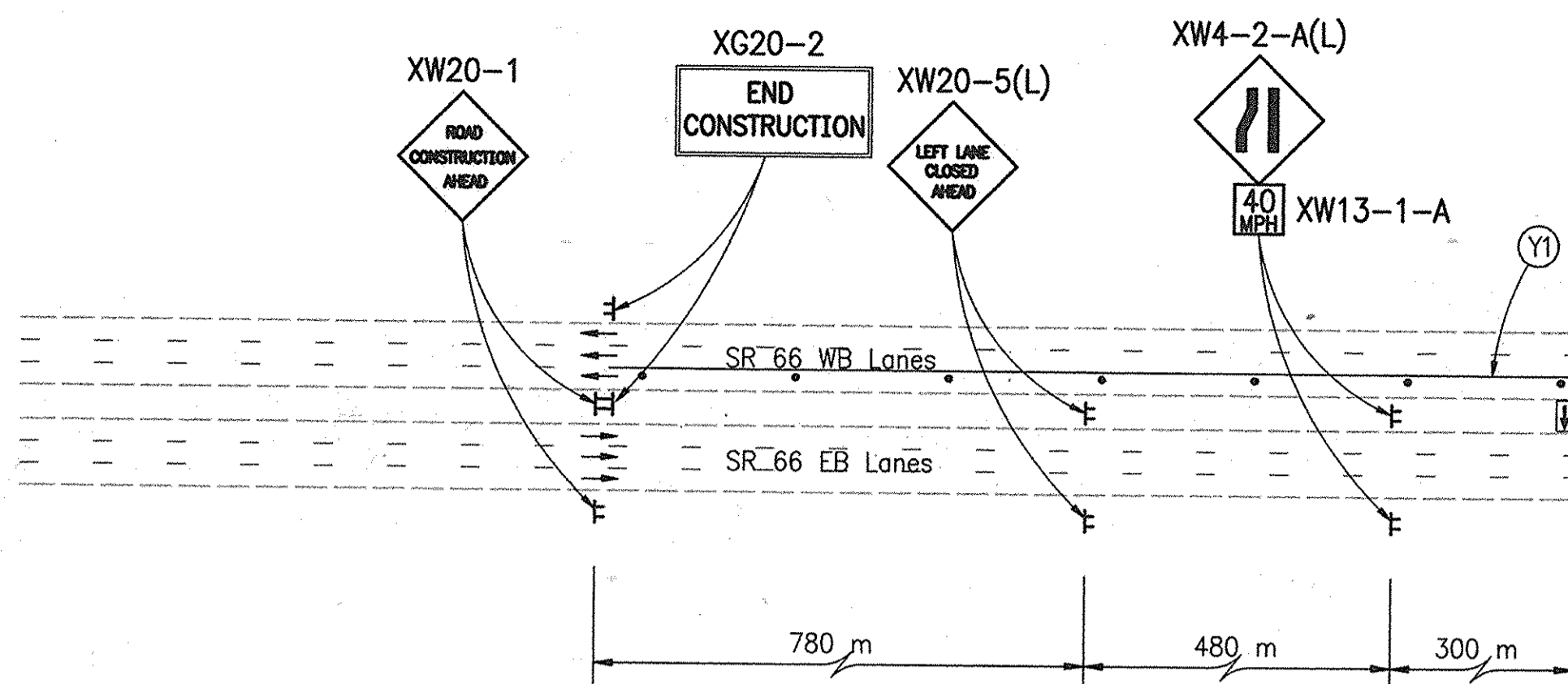
INDIANA
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
DETAILS - LINE "S-5-H" PHASE I

HORIZONTAL SCALE	BRIDGE FILE
1:1000	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	20 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

TRAFFIC MAINTENANCE -- ITEMIZED LIST

Phase	II A	II B	II C	TOTAL	
Barricade III-A	25	25	25	25	EACH
Construction Signs, Type "A"	24	26	26	26	EACH
Construction Signs, Type "B"	16	16	16	16	EACH
Flashing Arrow Sign	690	690	690	690	DAYS
Temporary Pavement Marking, 100 mm	1592	533	73	2198	m
Temporary Pavement Marking, Removable, 100 mm	3806	511	1173	5490	m
Temporary Transverse Pavement Marking, Removable, 600 mm	18	10	15	43	m
Temporary Pavement Message Marking, Lane Indication Arrow	3	0	0	3	EACH
Temporary Pavement Message Marking, Removable, Lane Indication Arrow	0	3	0	3	EACH
Temporary Concrete Barrier	1994	2099	1994	2099	m
Temporary Concrete Barrier (Anchored)	100	100	100	100	m
Energy Absorbing Terminal, Cz, TL-3	1	1	1	1	EACH
Temporary Traffic Signal	1	1	1	1	L.S.
HMA Base, 25.0 mm (Temporary Pavement) for Temporary Pavement (225 mm)	1451	0	0	1451	m ²



9-9-02 - Revised Legend

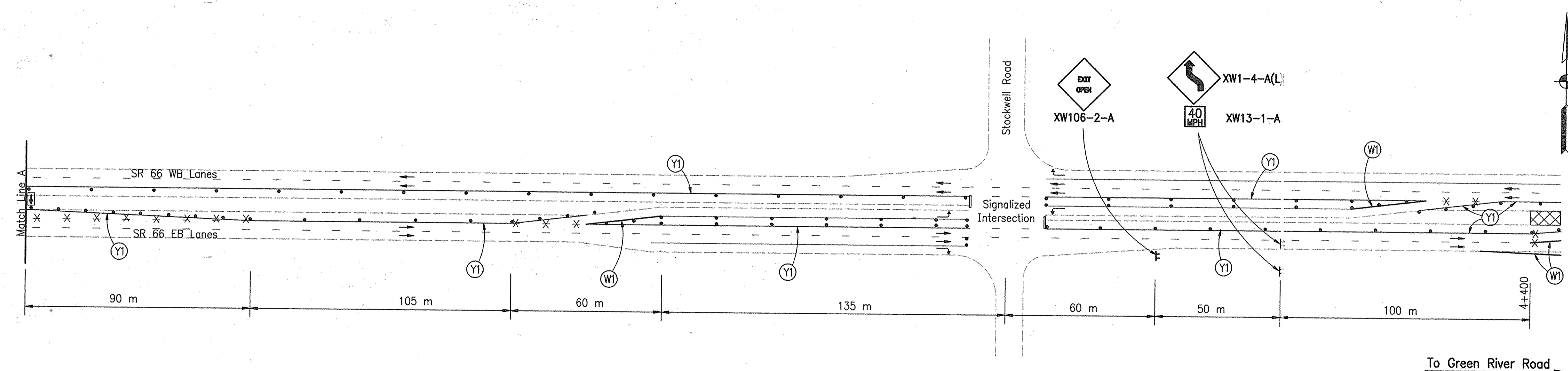
CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

LEGEND

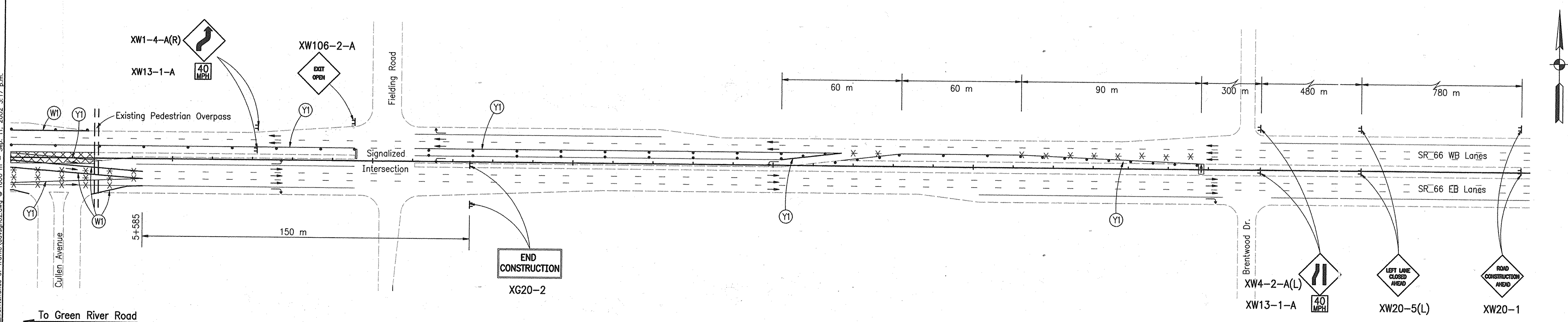
- Flashing Arrow Sign
- Temporary Pavement Marking, Removable, 100 mm (White)
- Temporary Pavement Marking, Removable, 100 mm (Yellow)
- Construction Sign & Supports
- Standard Drum
- Standard Barricade, Type III-A
- Removal of Pavement Markings
- Temporary Pavement - (HMA Base 25.0, 225 mm)

Constr. Zone Design Speed	Typical Drum Spacing	
	Taper Section	Tangent Section
60 km/h	11 m	22 m
50 km/h	9 m	18 m

To Green River Road



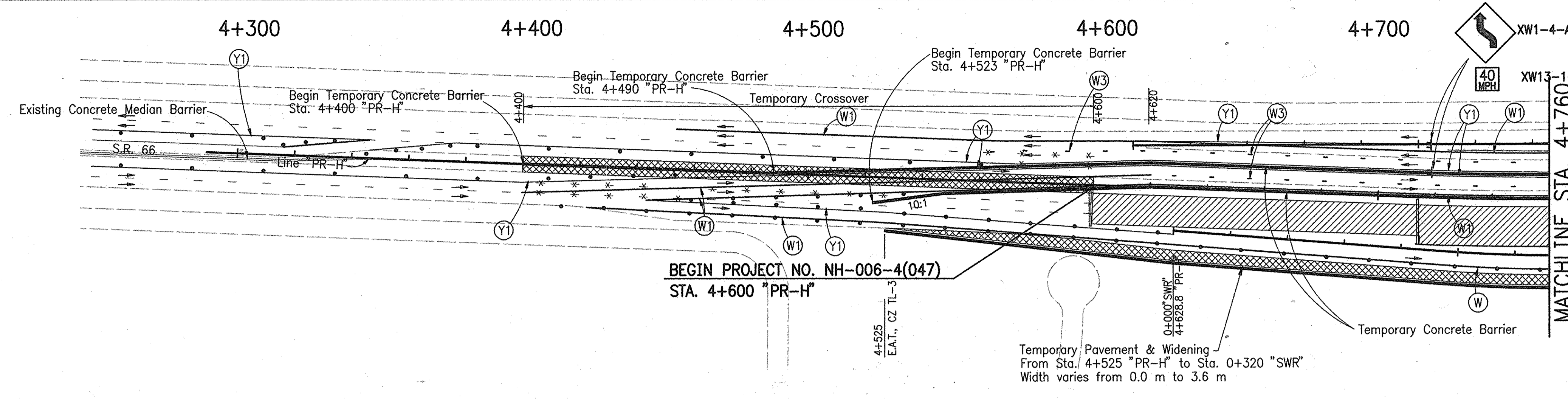
To Green River Road



ADVANCED SIGNING DETAILS

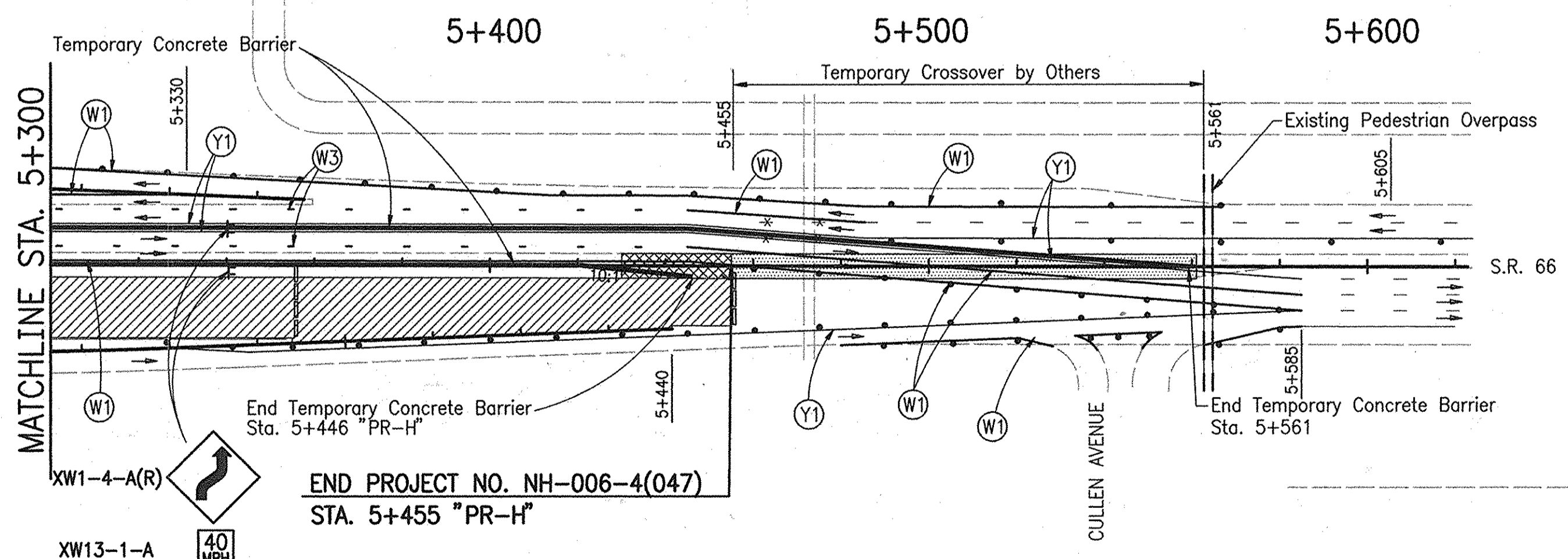
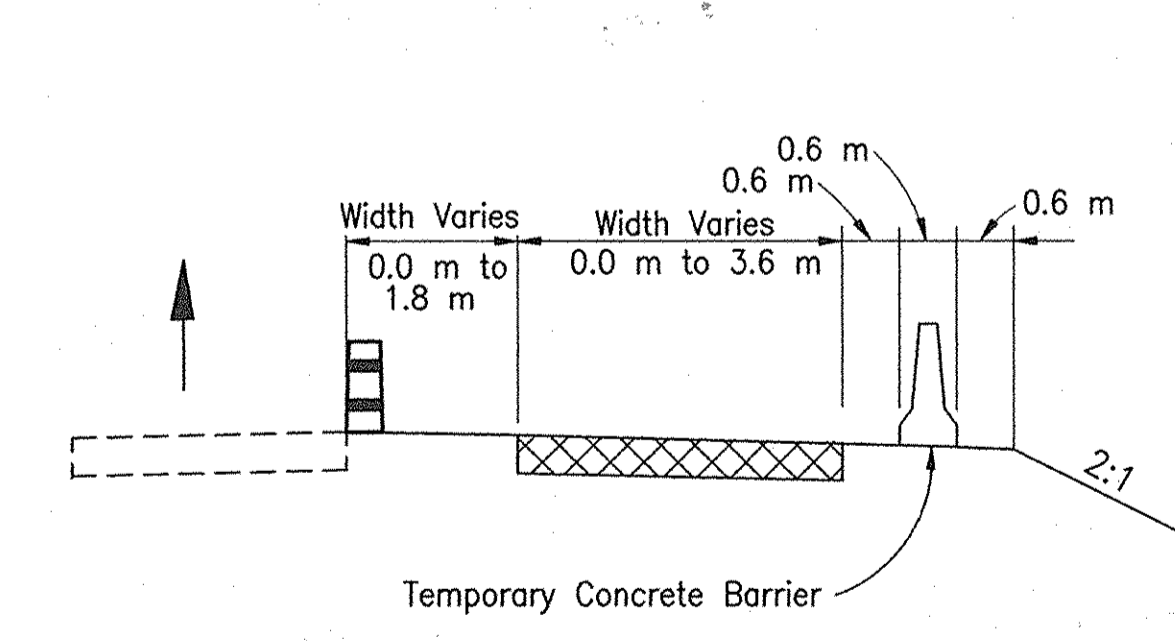
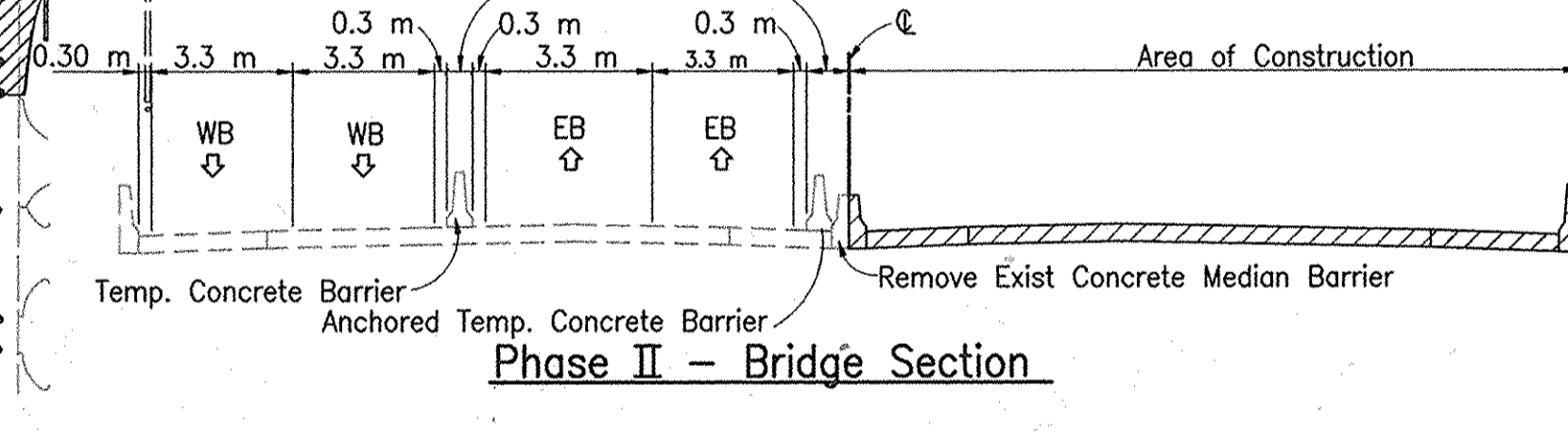
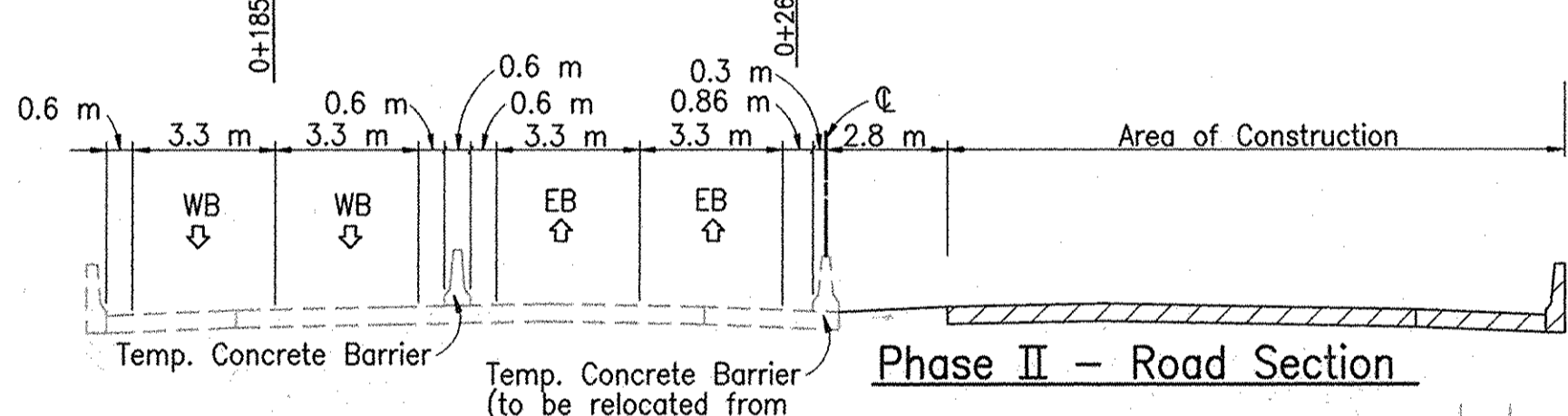
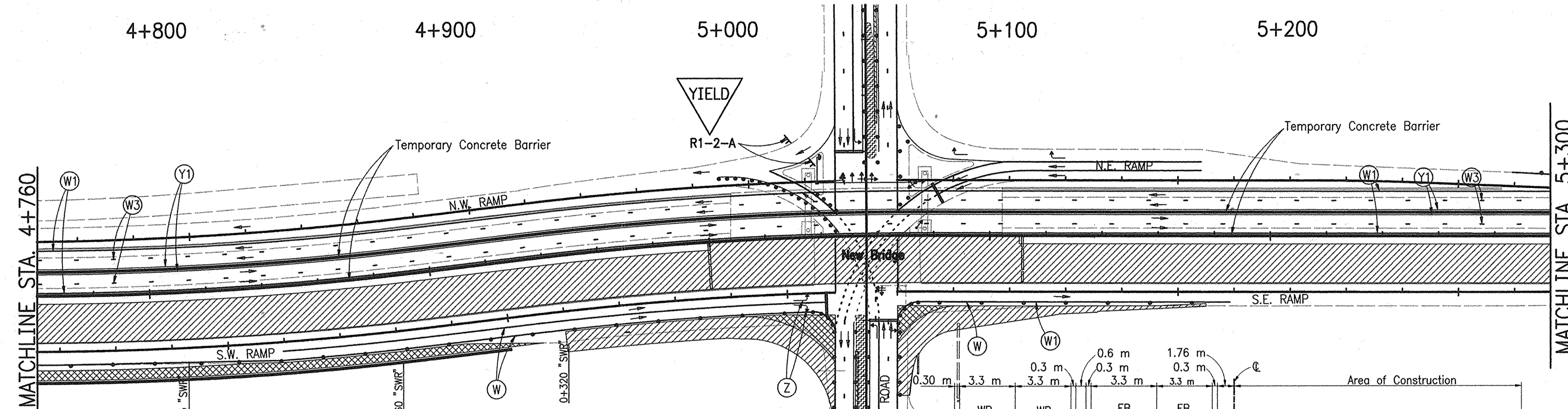
D:\Project\3307\Plans\06_Maintenance of Traffic\adsgn02.dwg @ 1000 m - Sep 11, 2002 3:17 p.m.

	RECOMMENDED FOR APPROVAL	<i>D.J.G.</i> 9/12/02	INDIANA DEPARTMENT OF TRANSPORTATION MAINTENANCE OF TRAFFIC PHASE II	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: DJG	DRAWN: MTM		CONTRACT	21 of 147 SHEETS
CHECKED: MAE	CHECKED: DJG	PROJECT NO.	R-24951	PROJECT NO.	NH-006-4(047)



CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

- SEQUENCE OF OPERATIONS**
- PHASE IIA**
S.R. 66 (Lloyd Expressway)
1. Construct temporary widening along southwest ramp.
 2. Place temporary concrete barrier wall as shown on the plans for Phase II.
 3. Divert eastbound traffic to westbound lanes. Two lanes of traffic shall be maintained for eastbound and westbound traffic at all times.
 4. Begin construction of eastbound lanes from Sta. 4+600 to Sta. 5+455 "PR-H" as shown on the plans.
 5. Begin construct the eastbound bridge.
 6. Construct southwest and southeast ramp terminals as shown on the ramp terminal sequence of construction sheets.



- NOTES:**
1. Contractor shall use half at a time construction where necessary.
 2. Access to streets, commercial and public drives shall be maintained at all times.
 3. Temporary Traffic Signal shall be installed prior to removal of existing signal equipment in southwest quadrant.

- LEGEND**
- (W) Temporary Pavement Marking, 100 mm (White)
 - (W1) Temporary Pavement Marking, Removable, 100 mm (White)
 - (W2) Temporary Pavement Marking, 100 mm (Broken White)
 - (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
 - (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
 - (Y) Temporary Pavement Marking, 100 mm (Yellow)
 - (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
 - (Z) Temporary Pavement Message Marking, Lane Indication Arrow
 - Construction Sign & Supports
 - Standard Drum
 - Standard Barricade Type III-A
 - * * Removal of Pavement Markings
 - [Hatched Box] Temporary Pavement - HMA Base 25.0, 225 mm
 - [Diagonal Lines] Area Under Construction
 - [Dashed Box] Remove Center Curb and Replace with Full Depth Pavement
 - [Stippled Box] Existing Temporary Crossover

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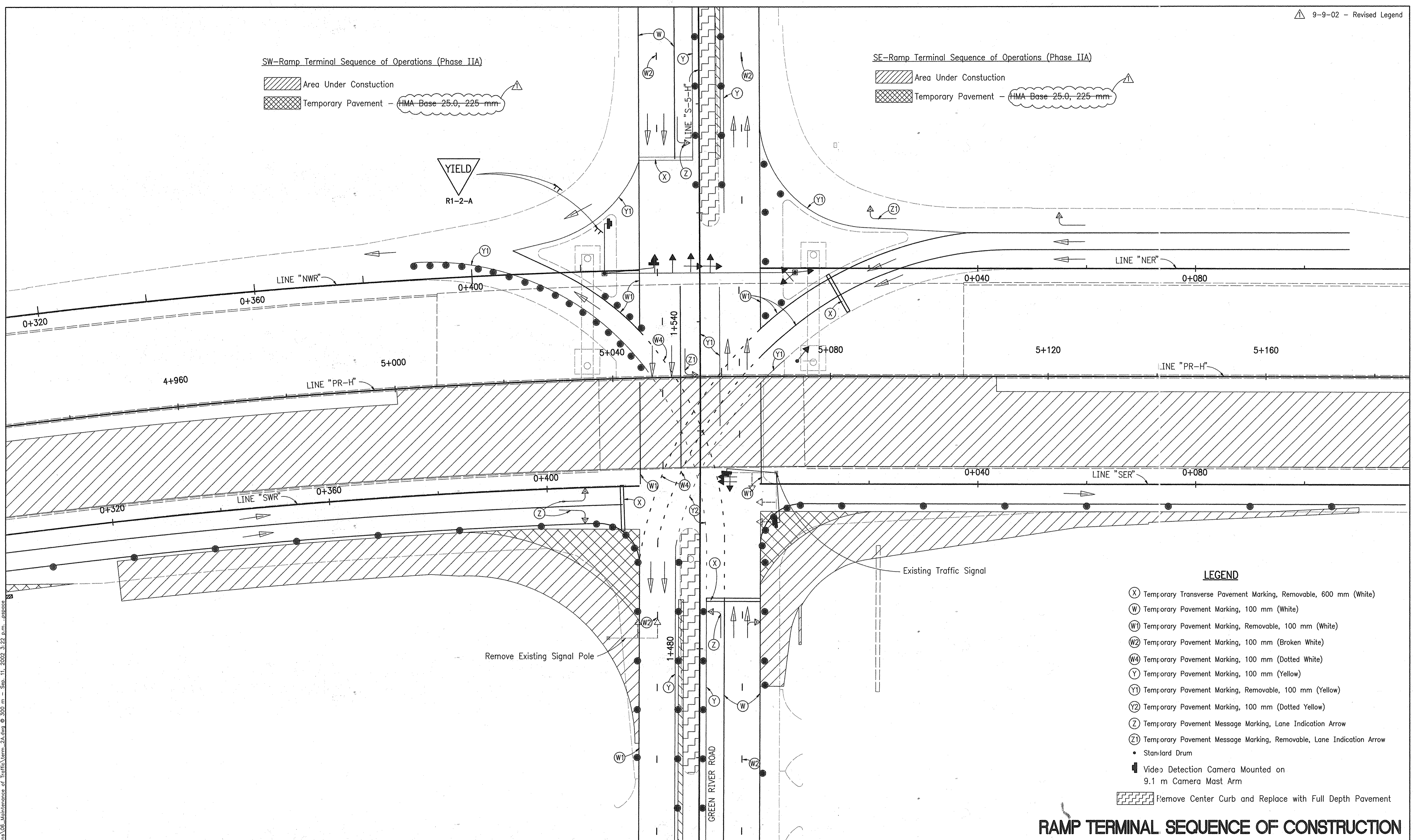
	RECOMMENDED FOR APPROVAL	 DESIGN ENGINEER	DATE 9/22/02	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1:1000 VERTICAL SCALE N/A
	DESIGNED: DJG	DRAWN: JWA	MAINTENANCE OF TRAFFIC DETAILS - LINE "PR-H" PHASE IIA		SURVEY BOOK 22 of 147 CONTRACT R-24951
				BRIDGE FILE DESIGNATION 9223010 SHEETS PROJECT NH-006-4(047)	

SW-Ramp Terminal Sequence of Operations (Phase IIA)

- Area Under Construction
- Temporary Pavement - HMA Base 25.0, 225 mm

SE-Ramp Terminal Sequence of Operations (Phase IIA)

- Area Under Construction
- Temporary Pavement - HMA Base 25.0, 225 mm

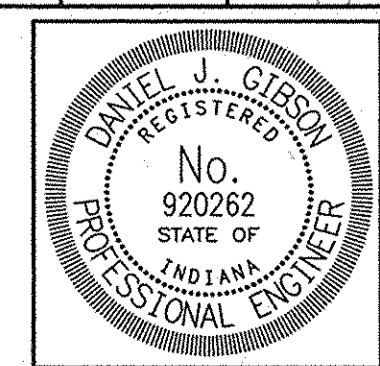


LEGEND

- (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
- (W) Temporary Pavement Marking, 100 mm (White)
- (W1) Temporary Pavement Marking, Removable, 100 mm (White)
- (W2) Temporary Pavement Marking, 100 mm (Broken White)
- (W4) Temporary Pavement Marking, 100 mm (Dotted White)
- (Y) Temporary Pavement Marking, 100 mm (Yellow)
- (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- (Y2) Temporary Pavement Marking, 100 mm (Dotted Yellow)
- (Z) Temporary Pavement Message Marking, Lane Indication Arrow
- (Z1) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
- Standard Drum
- Video Detection Camera Mounted on 9.1 m Camera Mast Arm
- Remove Center Curb and Replace with Full Depth Pavement

RAMP TERMINAL SEQUENCE OF CONSTRUCTION

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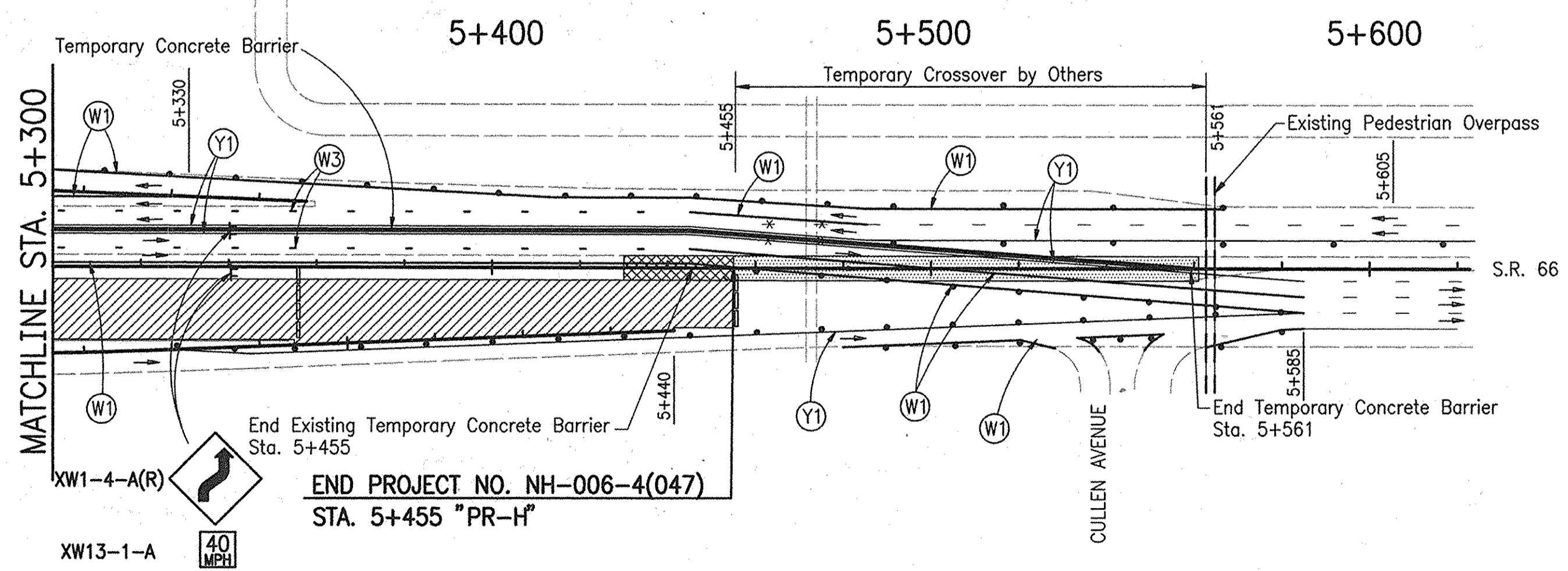
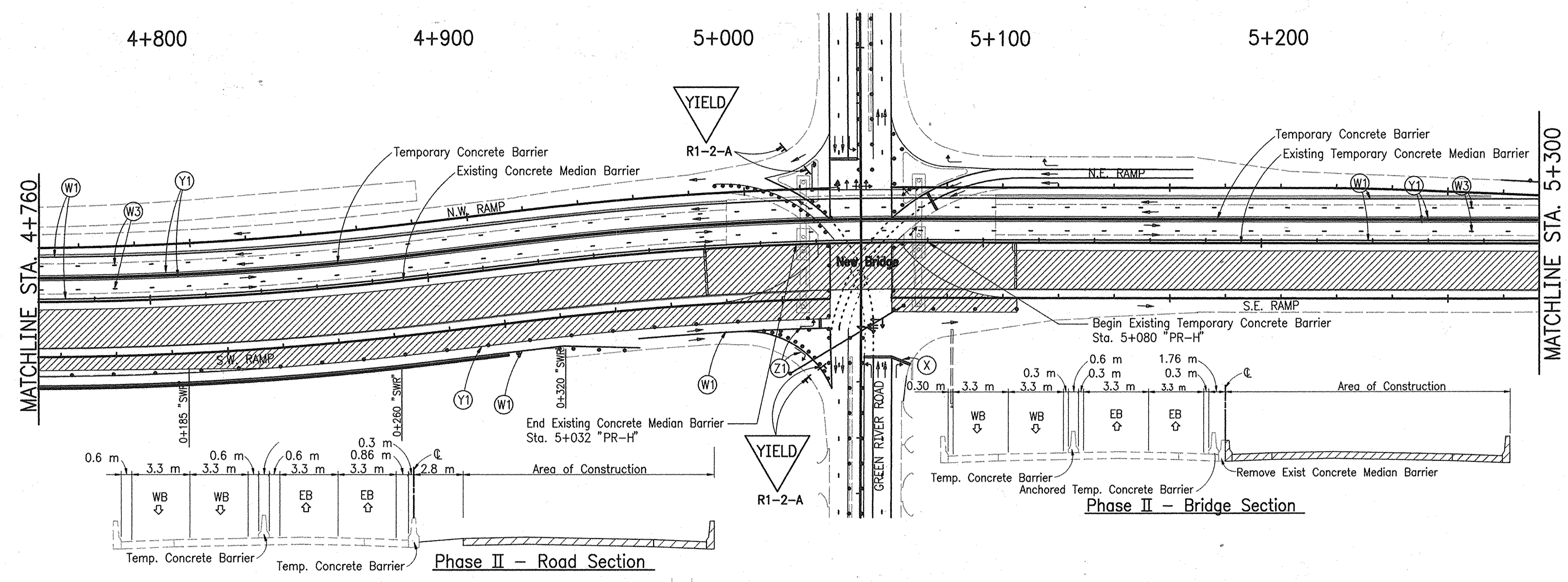
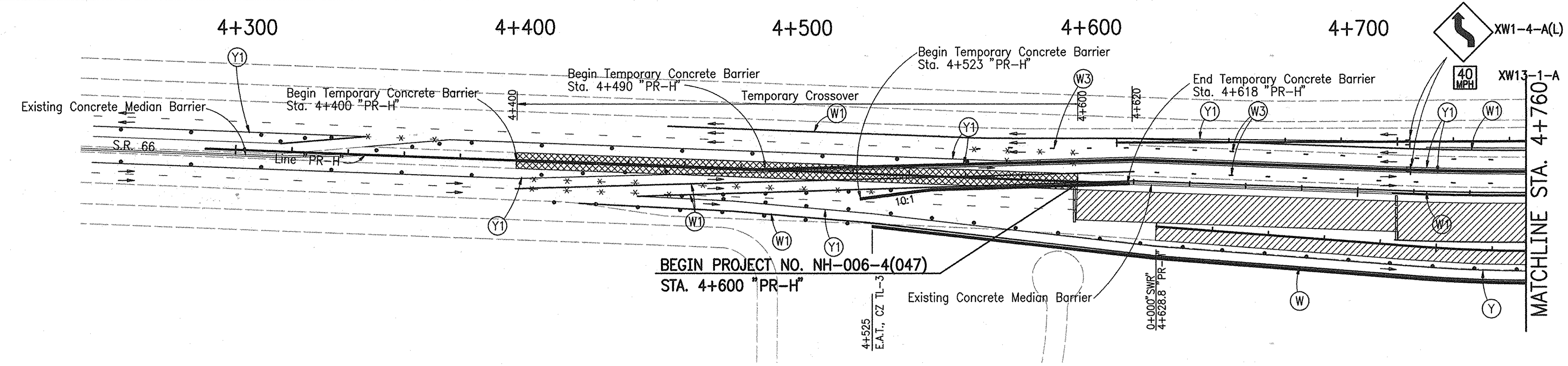
RECOMMENDED FOR APPROVAL *D.J.G.* 9/12/02
 DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: JWA
 CHECKED: JWA CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC PHASE IIA

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	23 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

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9-9-02 - Revised Legend
 CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

- PHASE IIB**
 S.R. 66 (Lloyd Expressway)
- SEQUENCE OF OPERATIONS**
1. Continue construction of eastbound lanes from Sta. 4+600 to Sta. 5+455 "PR-H" and eastbound bridge as shown on the plans while maintaining two lanes of traffic for eastbound and westbound traffic at all times.
 2. Construct southwest and southeast ramp terminals as shown on the ramp terminal sequence of construction sheets.
- NOTES**
1. Contractor shall use half at a time construction where necessary.
 2. Access to streets, commercial and public drives shall be maintained at all times.

- LEGEND**
- (W) Temporary Pavement Marking, 100 mm (White)
 - (W1) Temporary Pavement Marking, Removable, 100 mm (White)
 - (W2) Temporary Pavement Marking, 100 mm (Broken White)
 - (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
 - (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
 - (Y) Temporary Pavement Marking, 100 mm (Yellow)
 - (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
 - (Z) Temporary Pavement Message Marking, Lane Indication Arrow
 - Construction Sign & Supports
 - Standard Drum
 - Standard Barricade Type III-A
 - * * Removal of Pavement Markings
 - [Hatched Box] Temporary Pavement - HMA Base 25.0, 225 mm
 - [Diagonal Lines Box] Area Under Construction
 - [Dotted Box] Existing Temporary Crossover



PROJECT NO. NH-006-4(047) STA. 4+600 "PR-H"	
END PROJECT NO. NH-006-4(047) STA. 5+455 "PR-H"	

	RECOMMENDED FOR APPROVAL <i>D. J. Gibson</i> 9/12/02 DESIGN ENGINEER DATE
	DESIGNED: DJG DRAWN: JWA
	CHECKED: JWA CHECKED: DJG
	DATE

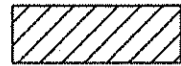

INDIANA DEPARTMENT OF TRANSPORTATION	
MAINTENANCE OF TRAFFIC DETAILS - LINE "PR-H" PHASE IIB	

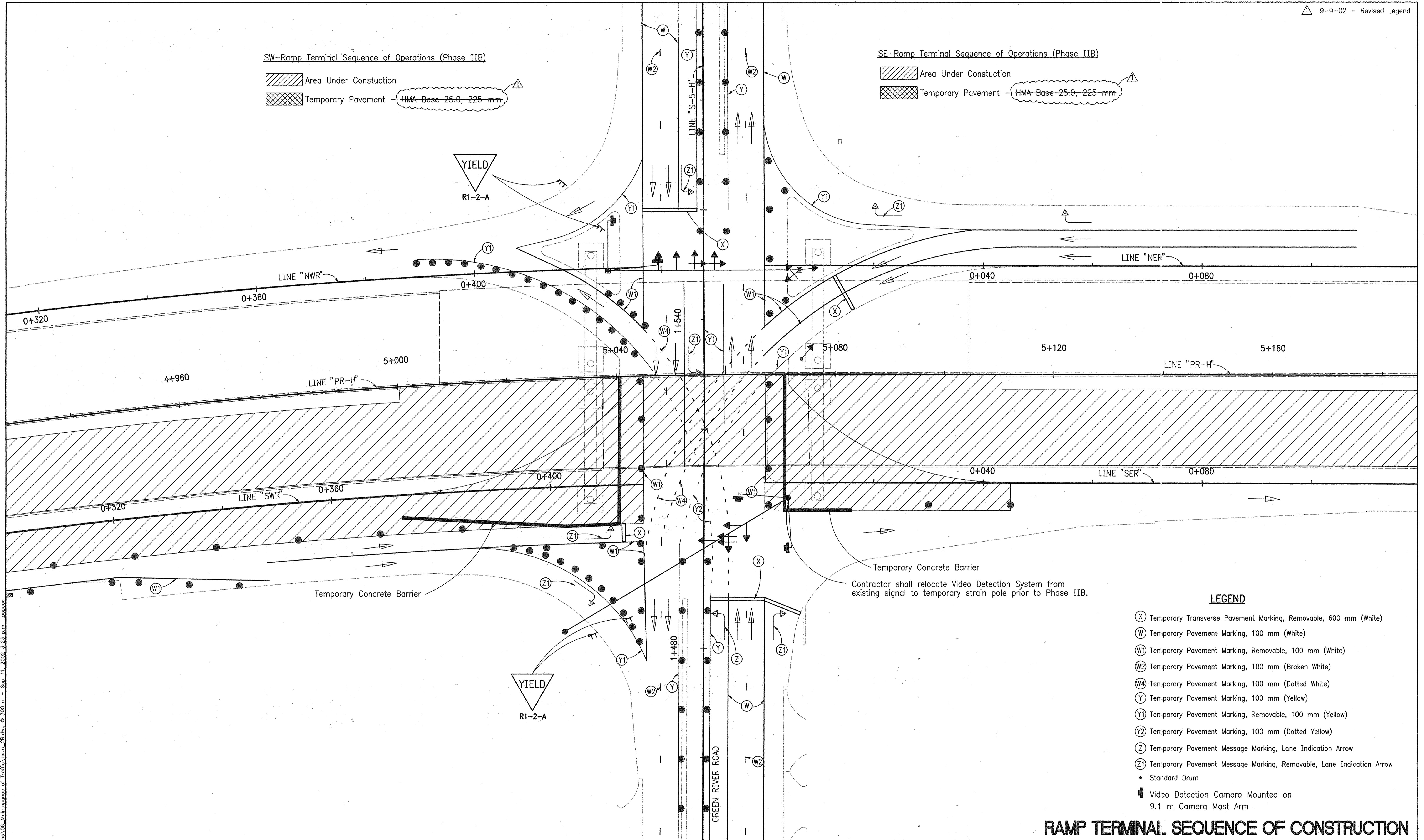
HORIZONTAL SCALE	BRIDGE FILE
1:1000	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	24 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

SW-Ramp Terminal Sequence of Operations (Phase IIB)

 Area Under Construction
 Temporary Pavement - HMA Base 25.0, 225 mm

SE-Ramp Terminal Sequence of Operations (Phase IIB)

 Area Under Construction
 Temporary Pavement - HMA Base 25.0, 225 mm

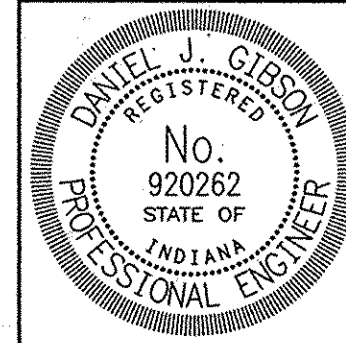


LEGEND

- (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
- (W) Temporary Pavement Marking, 100 mm (White)
- (W1) Temporary Pavement Marking, Removable, 100 mm (White)
- (W2) Temporary Pavement Marking, 100 mm (Broken White)
- (W4) Temporary Pavement Marking, 100 mm (Dotted White)
- (Y) Temporary Pavement Marking, 100 mm (Yellow)
- (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- (Y2) Temporary Pavement Marking, 100 mm (Dotted Yellow)
- (Z) Temporary Pavement Message Marking, Lane Indication Arrow
- (Z1) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
- Standard Drum
- Video Detection Camera Mounted on 9.1 m Camera Mast Arm

RAMP TERMINAL SEQUENCE OF CONSTRUCTION

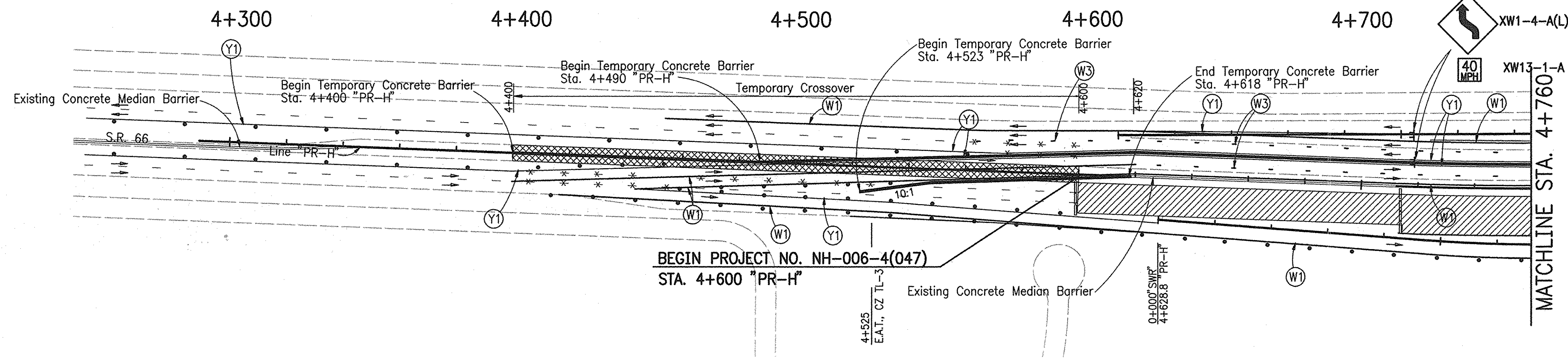
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RECOMMENDED FOR APPROVAL: *Daniel J. Gleason* 9/12/02
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: JWA
 CHECKED: JWA CHECKED: DJG

INDIANA
 DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC
 PHASE IIB

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	25 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)



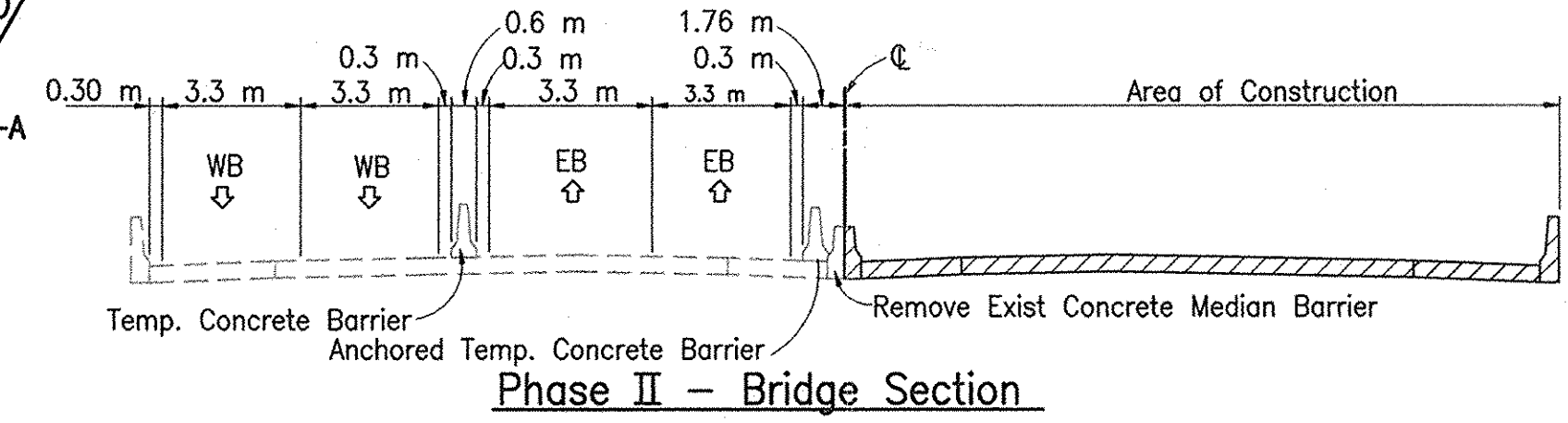
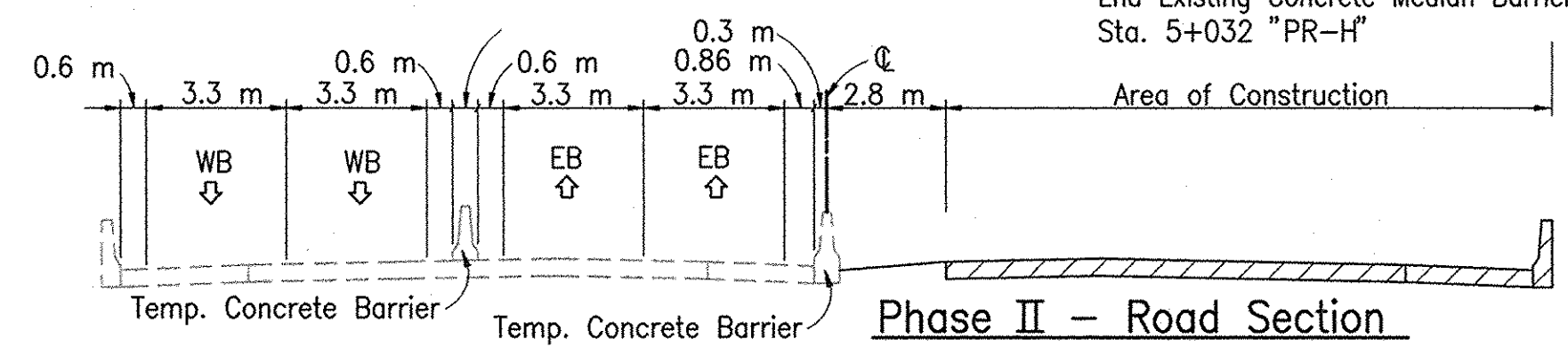
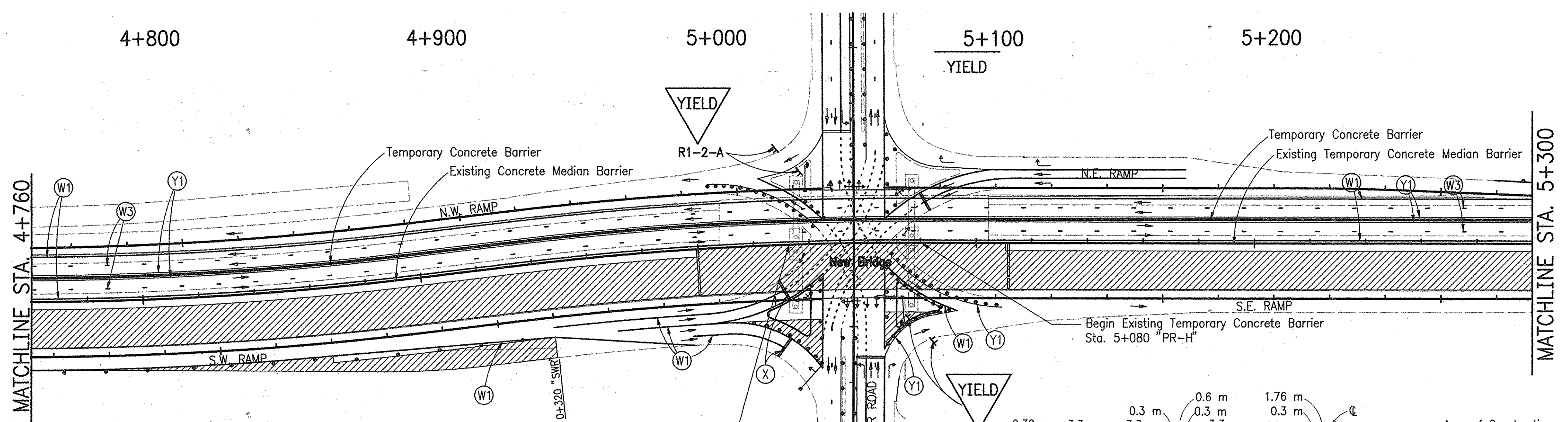
CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

SEQUENCE OF OPERATIONS

- PHASE IIC
S.R. 66 (Lloyd Expressway)
1. Continue construction of eastbound lanes from Sta. 4+600 to Sta. 5+455 "PR-H" and eastbound bridge as shown on the plans while maintaining two lanes of traffic for eastbound and westbound traffic at all times.
 2. Construct southwest and southeast ramp terminals as shown on the ramp terminal sequence of construction sheets.

NOTES:

1. Contractor shall use half at a time construction where necessary.
2. Access to streets, commercial and public drives shall be maintained at all times.

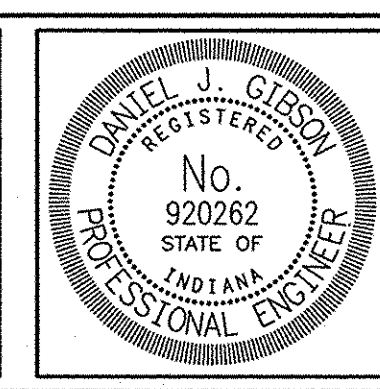


LEGEND

- (W) Temporary Pavement Marking, 100 mm (White)
- (W1) Temporary Pavement Marking, Removable, 100 mm (White)
- (W2) Temporary Pavement Marking, 100 mm (Broken White)
- (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
- (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
- (Y) Temporary Pavement Marking, 100 mm (Yellow)
- (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- (Z) Temporary Pavement Message Marking, Lane Indication Arrow
- Construction Sign & Supports
- Standard Drum
- Standard Barricade Type III-A
- * * Removal of Pavement Markings
- Temporary Pavement - HMA Base 25.0, 225 mm
- Area Under Construction

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<p>END PROJECT NO. NH-006-4(047) STA. 5+455 "PR-H"</p>	
<p>DESIGNED: DJG</p>	<p>DRAWN: JWA</p>
<p>CHECKED: JWA</p>	<p>CHECKED: DJG</p>

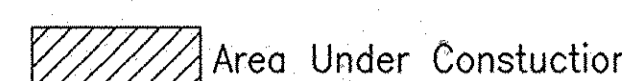
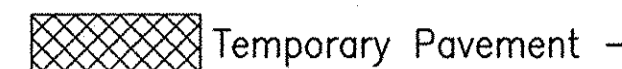


<p>RECOMMENDED FOR APPROVAL</p> <p><i>Daniel J. Gibson</i> 9/12/02 DESIGN ENGINEER DATE</p>	
<p>DESIGNED: DJG</p>	<p>DRAWN: JWA</p>
<p>CHECKED: JWA</p>	<p>CHECKED: DJG</p>

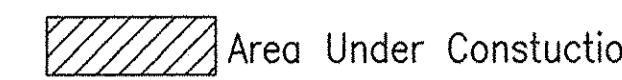

INDIANA DEPARTMENT OF TRANSPORTATION
MAINTENANCE OF TRAFFIC
DETAILS - LINE "PR-H" PHASE IIC

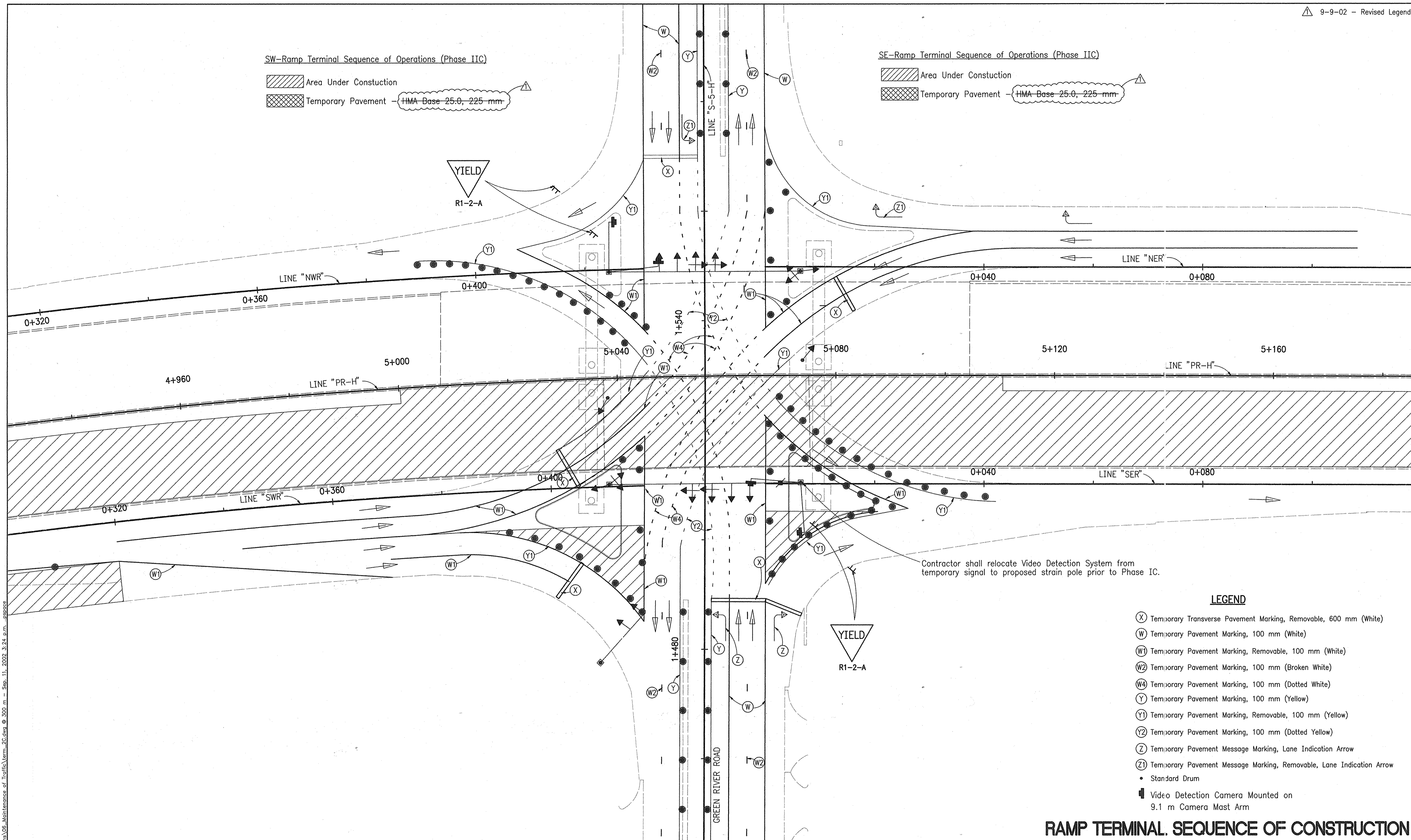
HORIZONTAL SCALE	BRIDGE FILE
1:1000	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	26 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

SW-Ramp Terminal Sequence of Operations (Phase IIC)

-  Area Under Constuction
-  Temporary Pavement - HMA Base 25.0, 225 mm

SE-Ramp Terminal Sequence of Operations (Phase IIC)

-  Area Under Constuction
-  Temporary Pavement - HMA Base 25.0, 225 mm



Contractor shall relocate Video Detection System from temporary signal to proposed strain pole prior to Phase IC.

LEGEND

- (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
- (W) Temporary Pavement Marking, 100 mm (White)
- (W1) Temporary Pavement Marking, Removable, 100 mm (White)
- (W2) Temporary Pavement Marking, 100 mm (Broken White)
- (W4) Temporary Pavement Marking, 100 mm (Dotted White)
- (Y) Temporary Pavement Marking, 100 mm (Yellow)
- (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- (Y2) Temporary Pavement Marking, 100 mm (Dotted Yellow)
- (Z) Temporary Pavement Message Marking, Lane Indication Arrow
- (Z1) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
- Standard Drum
-  Video Detection Camera Mounted on 9.1 m Camera Mast Arm

RAMP TERMINAL SEQUENCE OF CONSTRUCTION

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RECOMMENDED FOR APPROVAL *Daniel J. Gibson* 9/12/02
 DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: JWA
 CHECKED: JWA CHECKED: DJG

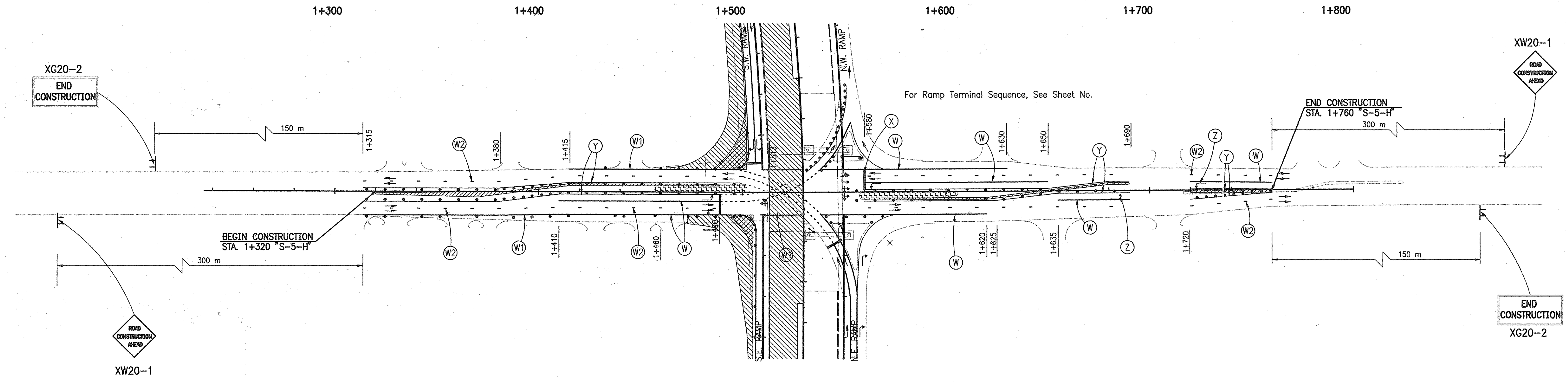
INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC PHASE IIC

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 9223010
SURVEY BOOK	SHEETS 27 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)



CONSTRUCTION ZONE DESIGN SPEED IS 50 km/h



LEGEND

- (W) Temporary Pavement Marking, 100 mm (White)
- (W1) Temporary Pavement Marking, Removable, 100 mm (White)
- (W2) Temporary Pavement Marking, 100 mm (Broken White)
- (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
- (X) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
- (Y) Temporary Pavement Marking, 100 mm (Yellow)
- (Y1) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- (Z1) Temporary Pavement Message Marking, Removable, Lane Indication Arrow
- Flashing Arrow Sign
- Construction Sign & Supports
 - Standard Drum
 - Standard Barricade Type III-A
- × × Removal of Pavement Markings
- Temporary Pavement - (HMA Base 25.0, 225 mm)
- Area Under Construction
- Remove Center Curb and Replace with Full Depth Pavement

SEQUENCE OF OPERATIONS

PHASE II

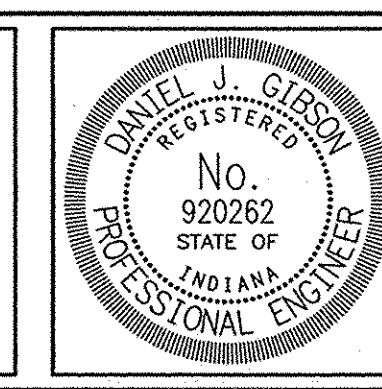
Green River Road

1. Construct proposed median as shown on the plans.
2. Resurface northbound and southbound lanes while maintaining traffic.

NOTES:

1. Contractor shall use half at a time construction where necessary.
2. Access to streets, commercial and public drives shall be maintained at all times.

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RECOMMENDED FOR APPROVAL	<i>Daniel J. Gleason</i>	DATE	9/12/02
DESIGNED:	DJG	DRAWN:	JWA
CHECKED:	JWA	CHECKED:	DJG

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

DETAILS - LINE "S-5-H" PHASE II

HORIZONTAL SCALE	BRIDGE FILE
1:1000	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	28 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

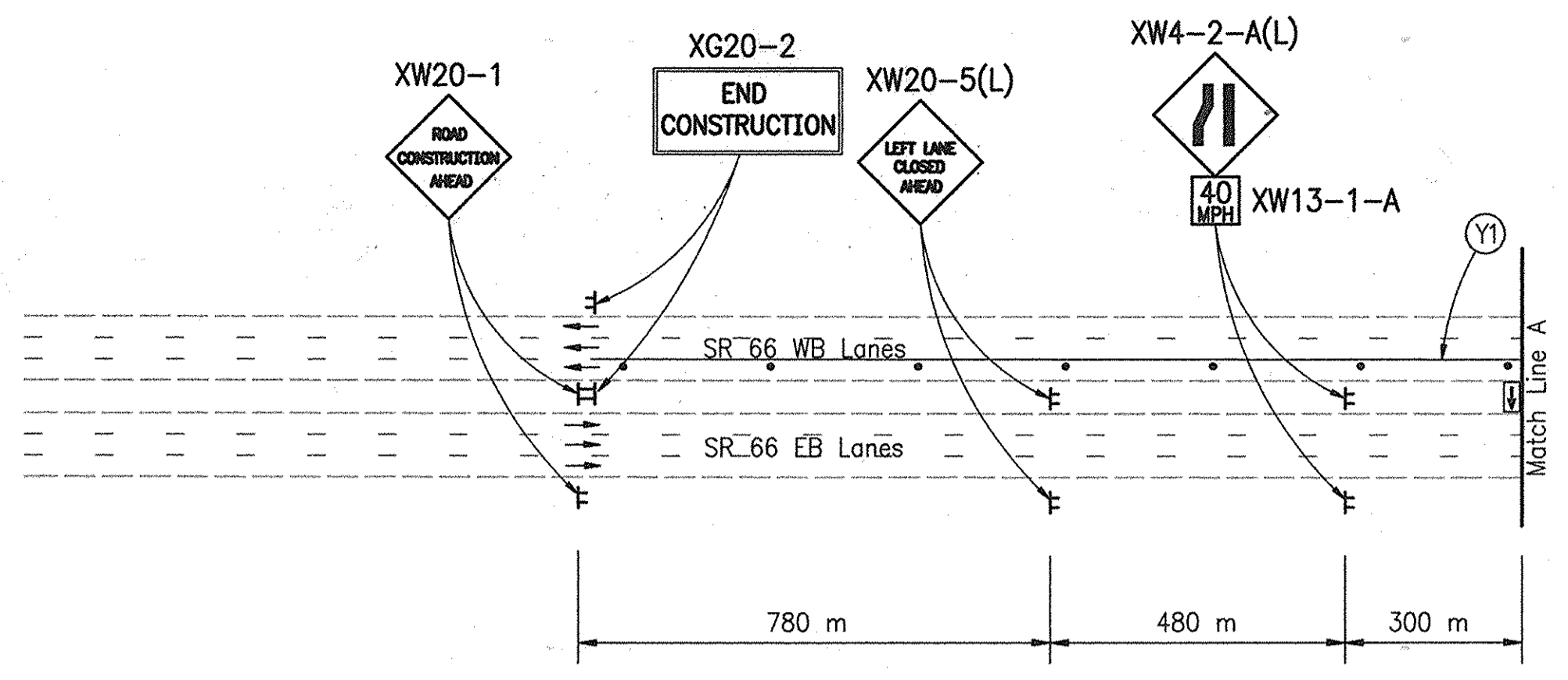
LEGEND

- ⬇ Flashing Arrow Sign
- Ⓜ Temporary Pavement Marking, Removable, 100 mm (White)
- Ⓨ Temporary Pavement Marking, Removable, 100 mm (Yellow)
- ⚡ Construction Sign & Supports
- Standard Drum
- Standard Barricade, Type III-A
- × × Removal of Pavement Markings
- ▨ Area Under Construction

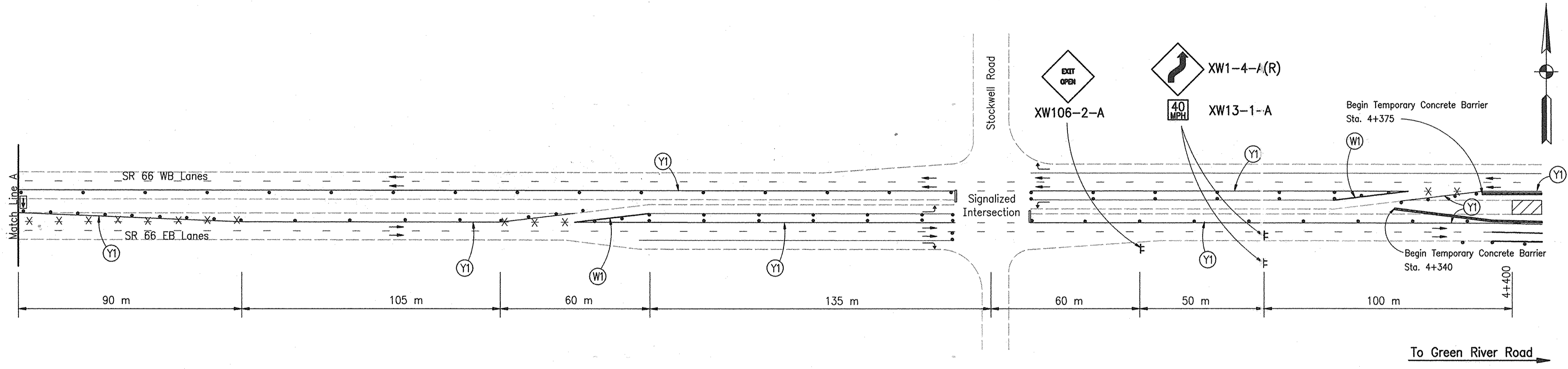
Constr. Zone Design Speed	Typical Drum Spacing	
	Taper Section	Tangent Section
60 km/h	11 m	22 m
50 km/h	9 m	18 m

TRAFFIC MAINTENANCE - ITEMIZED LIST

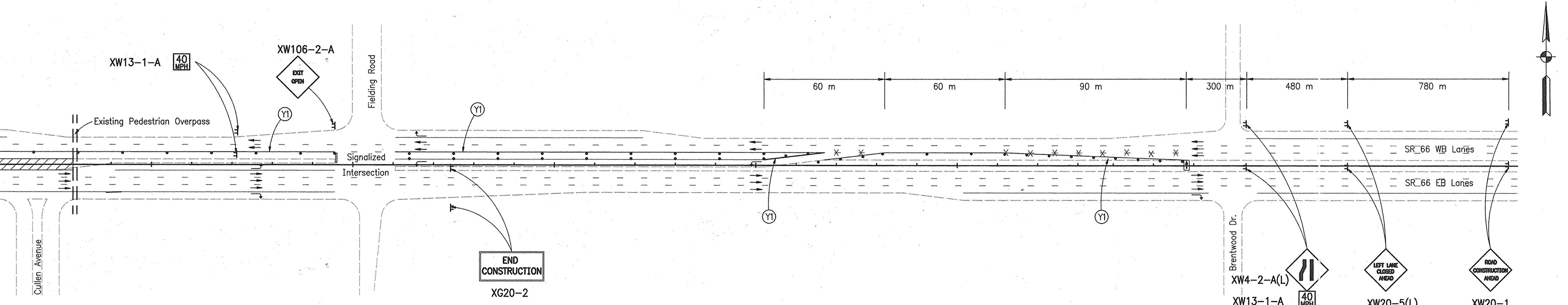
Phase	III	
Barricade III-A	3	EACH
Construction Signs, Type "A"	18	EACH
Construction Signs, Type "B"	14	EACH
Flashing Arrow Sign	60	DAYS
Temporary Pavement Marking, 100 mm	0	m
Temporary Pavement Marking, Removable, 100 mm	4803	m
Temporary Transverse Pavement Marking, Removable, 600 mm	0	m
Temporary Pavement Message Marking, Lane Indication Arrow	0	EACH
Temporary Pavement Message Marking, Removable, Lane Indication Arrow	0	EACH
Temporary Concrete Barrier	2490	m
Temporary Concrete Barrier (Anchored)	0	m
Energy Absorbing Terminal, Cz, TL-3	0	EACH
Temporary Traffic Signal	0	L.S.
HMA Base, 25.0 mm (Temporary Pavement) for Temporary Pavement (225 mm)	0	m ²



To Green River Road



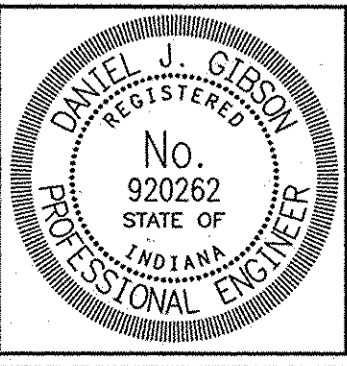
To Green River Road



To Green River Road

ADVANCED SIGNING DETAILS

I:\Projects\3307\Plans\06_Maintenance of Traffic\advsign03.dwg © 1000 m - Sep. 11, 2002 3:25 p.m.

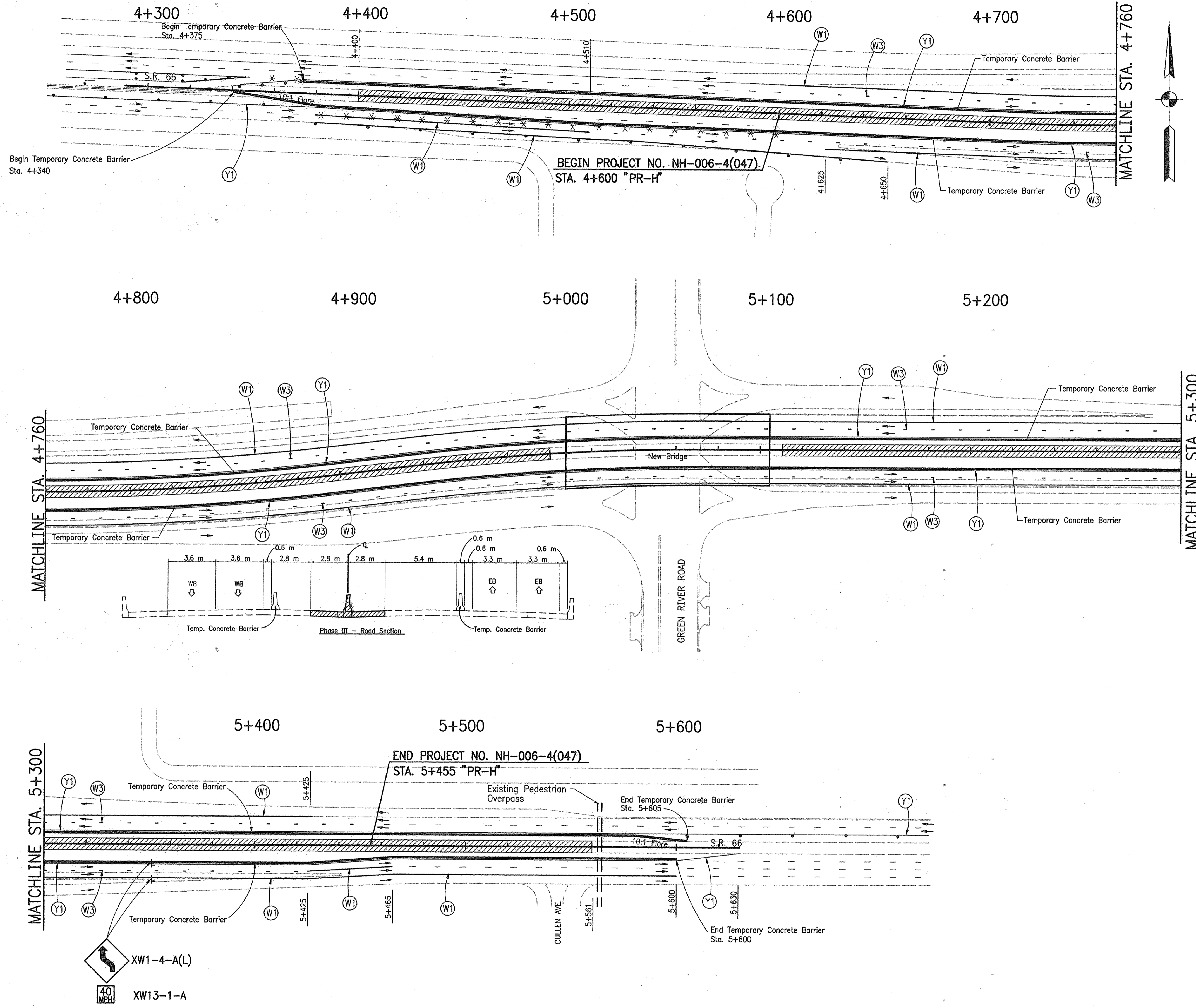


RECOMMENDED FOR APPROVAL: *D.J.G.* 9/12/02
 DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: MTM
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
 MAINTENANCE OF TRAFFIC PHASE III

HORIZONTAL SCALE	BRIDGE FILE
1:1000	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	29 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)



CONSTRUCTION ZONE DESIGN SPEED IS 60 km/h

SEQUENCE OF OPERATIONS

PHASE III

S.R. 66 (Lloyd Expressway)

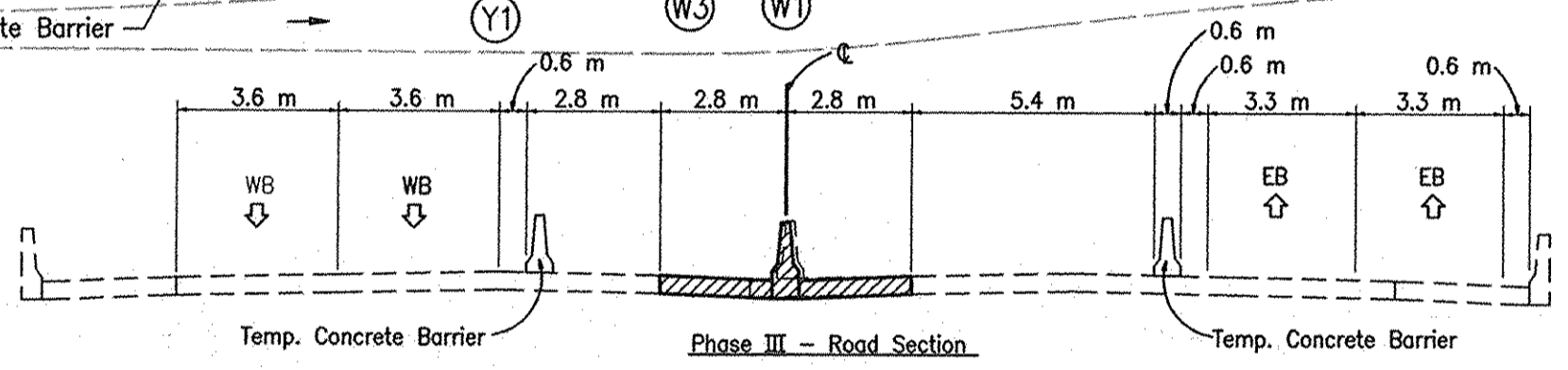
1. Place temporary concrete barrier wall as shown on the plans.
2. Two lanes of traffic shall be maintained for eastbound and westbound traffic at all times.
3. Construct 5.6 m median from Sta. 4+400 to Sta. 5+000 & Sta. 5+110 to Sta. 5+561 as shown on the plans.

NOTES:

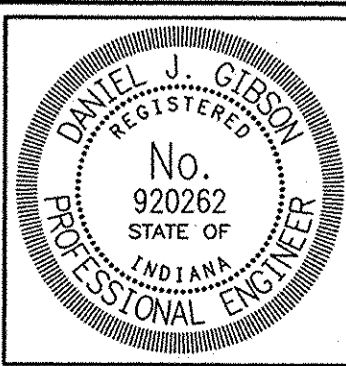
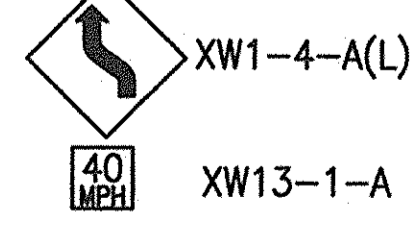
1. Contractor shall use half at a time construction where necessary.
2. Access to streets, commercial and public drives shall be maintained at all times.

LEGEND

- (V) Temporary Pavement Marking, 100 mm (White)
- (V1) Temporary Pavement Marking, Removable, 100 mm (White)
- (W2) Temporary Pavement Marking, 100 mm (Broken White)
- (W3) Temporary Pavement Marking, Removable, 100 mm (Broken White)
- (Y1) Temporary Transverse Pavement Marking, Removable, 600 mm (White)
- (Y2) Temporary Pavement Marking, 100 mm (Yellow)
- (Y3) Temporary Pavement Marking, Removable, 100 mm (Yellow)
- (Y4) Temporary Pavement Message Marking, Lane Indication Arrow
- [Flashing Arrow] Flashing Arrow Sign
- [Sign] Construction Sign & Supports
- [Drum] Standard Drum
- [Barricade] Standard Barricade Type III-A
- [X] Removal of Pavement Markings
- [Hatched Box] Temporary Pavement - HMA Base - 25.0, 225 mm
- [Diagonal Lines] Area Under Construction



D:\Project\3307\Plans\06_Maintenance of Traffic\3307A3.dwg @ 1000 m - Sep 11, 2002 3:31 p.m. - update series. .dwt



RECOMMENDED FOR APPROVAL: *D. J. Gibson* 9/12/02
 DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: JWA
 CHECKED: JWA CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC DETAILS - LINE "PR-H" PHASE III

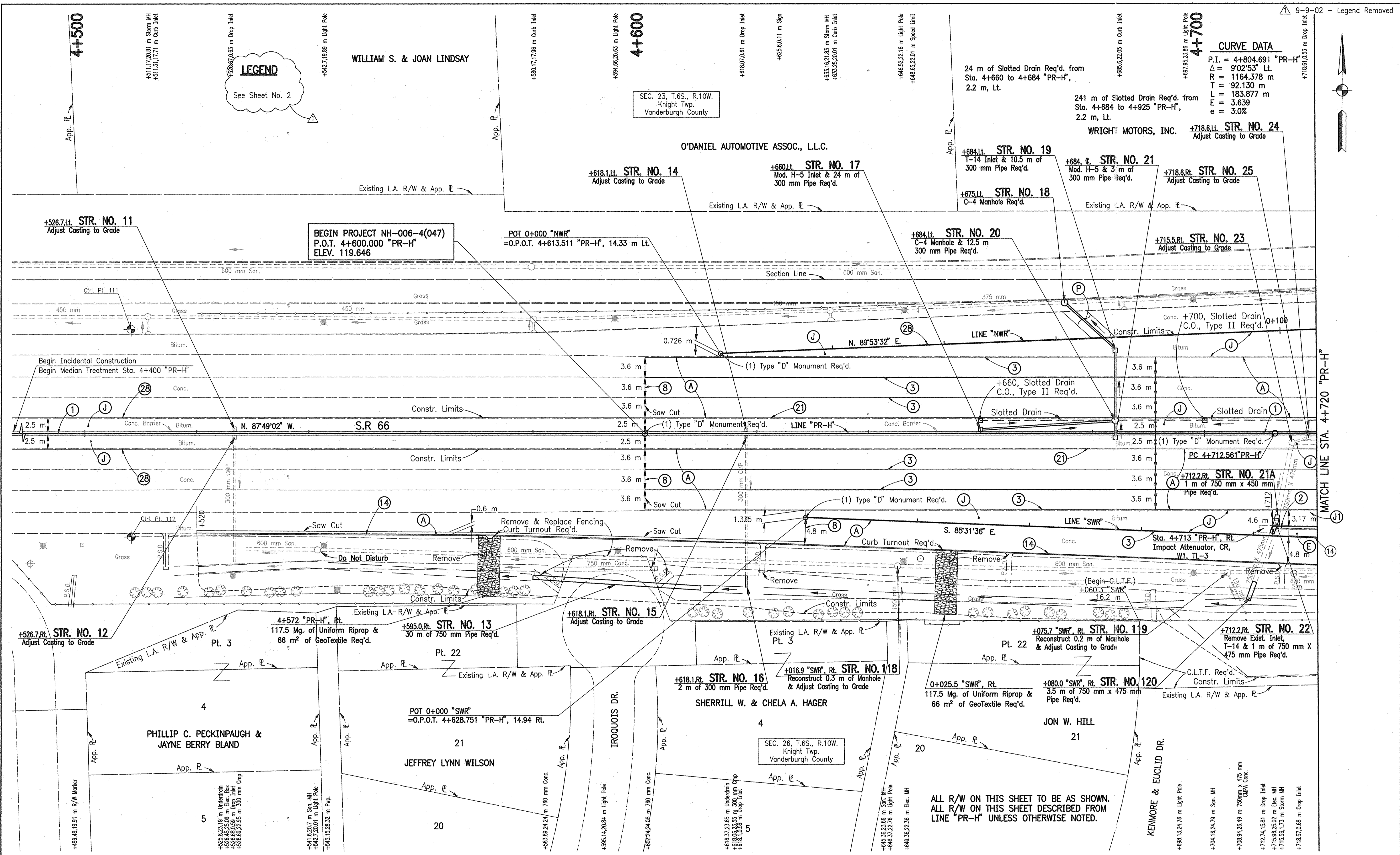
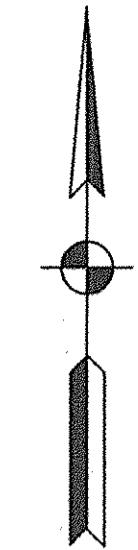
HORIZONTAL SCALE 1:1000	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 9223010
SURVEY BOOK	SHEETS
	30 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

LEGEND

See Sheet No. 2

CURVE DATA

P.I. = 4+804.691 "PR-H"
$\Delta = 9'02'53"$ Lt.
R = 1164.378 m
T = 92.130 m
L = 183.877 m
E = 3.639
e = 3.0%



BEGIN PROJECT NH-006-4(047)
 P.O.T. 4+600.000 "PR-H"
 ELEV. 119.646

POT 0+000 "NWR"
 =O.P.O.T. 4+613.511 "PR-H", 14.33 m Lt.

24 m of Slotted Drain Req'd. from Sta. 4+660 to 4+684 "PR-H", 2.2 m, Lt.

241 m of Slotted Drain Req'd. from Sta. 4+684 to 4+925 "PR-H", 2.2 m, Lt.

WRIGHT MOTORS, INC. +718.6 Lt. STR. NO. 24
 Adjust Casting to Grade

+618.1 Lt. STR. NO. 14
 Adjust Casting to Grade

+660 Lt. STR. NO. 17
 Mod. H-5 Inlet & 24 m of 300 mm Pipe Req'd.

+684 Lt. STR. NO. 19
 T-14 Inlet & 10.5 m of 300 mm Pipe Req'd.

+684 C. STR. NO. 21
 Mod. H-5 & 3 m of 300 mm Pipe Req'd.

+718.6 Rt. STR. NO. 25
 Adjust Casting to Grade

+675 Lt. STR. NO. 18
 C-4 Manhole Req'd.

+715.5 Rt. STR. NO. 23
 Adjust Casting to Grade

+684 Lt. STR. NO. 20
 C-4 Manhole & 12.5 m 300 mm Pipe Req'd.

+526.7 Lt. STR. NO. 11
 Adjust Casting to Grade

Begin Incidental Construction
 Begin Median Treatment Sta. 4+400 "PR-H"

+526.7 Rt. STR. NO. 12
 Adjust Casting to Grade

4+572 "PR-H", Rt.
 117.5 Mg. of Uniform Riprap & 66 m² of Geotextile Req'd.

+595.0 Rt. STR. NO. 13
 30 m of 750 mm Pipe Req'd.

+618.1 Rt. STR. NO. 15
 Adjust Casting to Grade

+618.1 Lt. STR. NO. 16
 2 m of 300 mm Pipe Req'd.

+016.9 "SWR", Rt. STR. NO. 118
 Reconstruct 0.3 m of Manhole & Adjust Casting to Grade

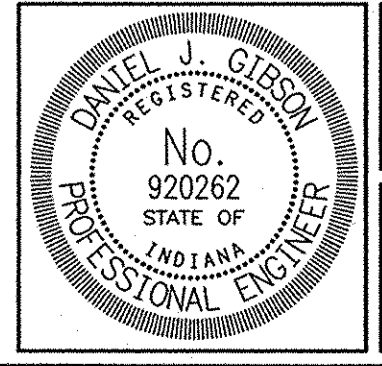
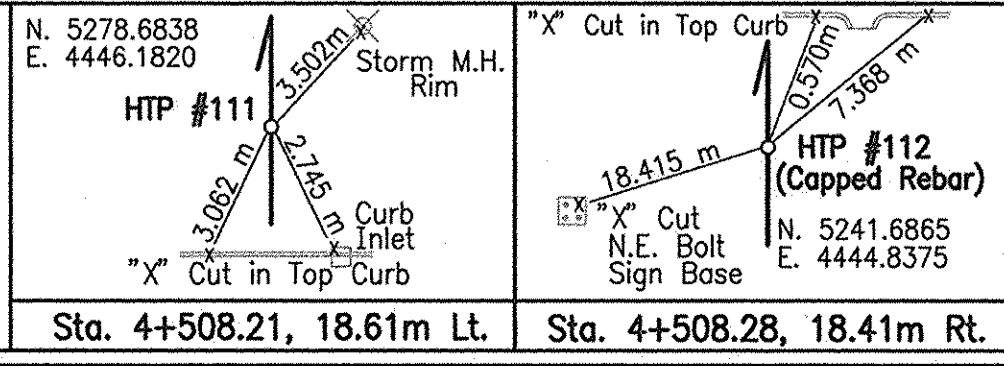
+075.7 "SWR", Rt. STR. NO. 119
 Reconstruct 0.2 m of Manhole & Adjust Casting to Grade

+025.5 "SWR", Rt. STR. NO. 120
 117.5 Mg. of Uniform Riprap & 66 m² of Geotextile Req'd.

+712.2 Rt. STR. NO. 22
 Remove Exist. Inlet, T-14 & 1 m of 750 mm X 475 mm Pipe Req'd.

ALL R/W ON THIS SHEET TO BE AS SHOWN.
 ALL R/W ON THIS SHEET DESCRIBED FROM LINE "PR-H" UNLESS OTHERWISE NOTED.

MATCH LINE STA. 4+720 "PR-H"

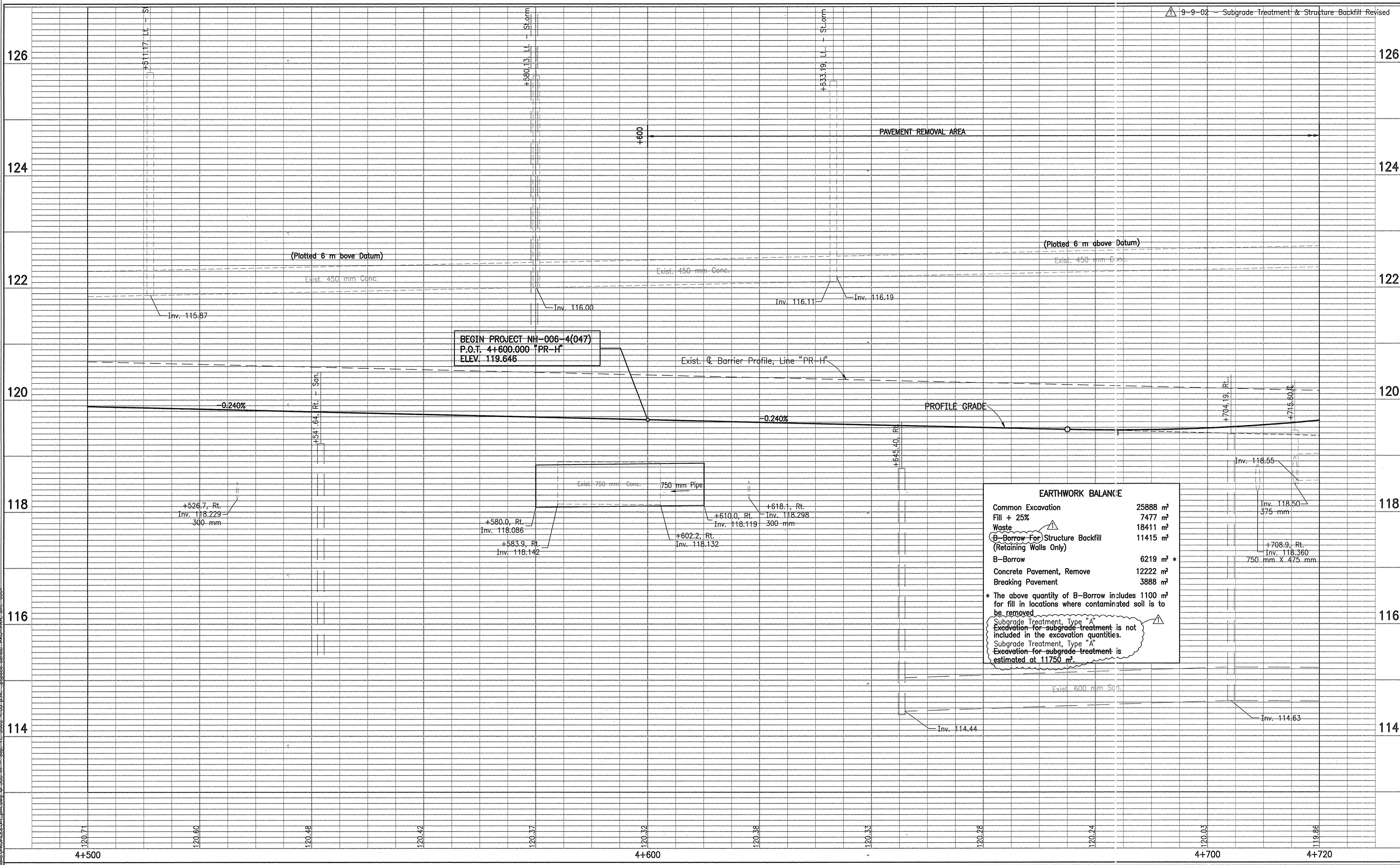


RECOMMENDED FOR APPROVAL	<i>D.J.G.</i>	9/12/02
DESIGNED BY	DJG	DATE
CHECKED BY	MAE	DATE
DRAWN BY	LZH	
CHECKED BY	DJG	

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN - S.R. 66
 BEGIN TO STA. 4+720 "PR-H"

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	31 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

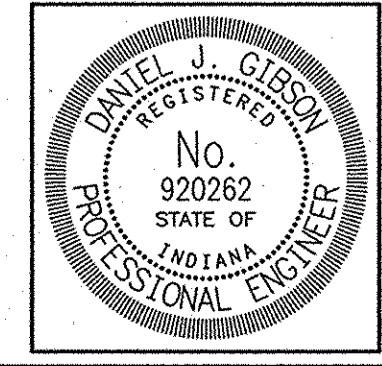


BEGIN PROJECT NH-006-4(047)
 P.O.T. 4+600.000 "PR-H"
 ELEV. 119.646

EARTHWORK BALANCE	
Common Excavation	25888 m ³
Fill + 25%	7477 m ³
Waste	18411 m ³
B-Borrow For Structure Backfill (Retaining Walls Only)	11415 m ³
B-Borrow	6219 m ³ *
Concrete Pavement, Remove	12222 m ²
Breaking Pavement	3888 m ²
* The above quantity of B-Borrow includes 1100 m ³ for fill in locations where contaminated soil is to be removed.	
Subgrade Treatment, Type "A" Excavation for subgrade treatment is not included in the excavation quantities.	
Subgrade Treatment, Type "A" Excavation for subgrade treatment is estimated at 11750 m ³ .	

D:\Project\3307\Plans\PROFILES\Profile.dwg @ 300 m - Sep 11, 2002 4:05 pm - papace-senese PRO-PH-001

D:\Project\3307\Plans\PROFILES\Profile.dwg @ 300 m - Sep 11, 2002 4:05 pm - papace-senese PRO-PH-001



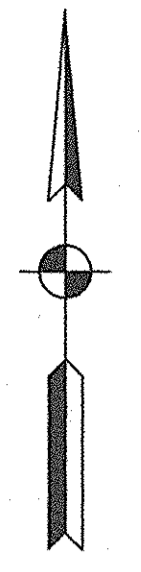
RECOMMENDED FOR APPROVAL *D.J.G.* 9/12/02
 DESIGN/ENGINEER DATE

DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE - S.R. 66
 BEGIN TO STA. 4+720 "PR-H"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	32 of 147
	PROJECT NH-006-4(047)



CURVE DATA

P.I. = 4+804.691 "PR-H"
Δ = 9'02"53" Lt.
R = 1164.378 m
T = 92.130 m
L = 183.877 m
E = 3.639
e = 3.0%

WRIGHT MOTORS, INC.

241 m of Slotted Drain Req'd. from Sta. 4+684 to Sta. 4+925 "PR-H", 2.2 m Lt.

LEGEND

See Sheet No. 2

SEC. 23, T.6S., R.10W.
Knight Twp.
Vanderburgh County

ROBERT M. KENT

65 m of Slotted Drain Req'd. from Sta. 4+935 to Sta. 5+000 "PR-H", 14.2 m Lt.

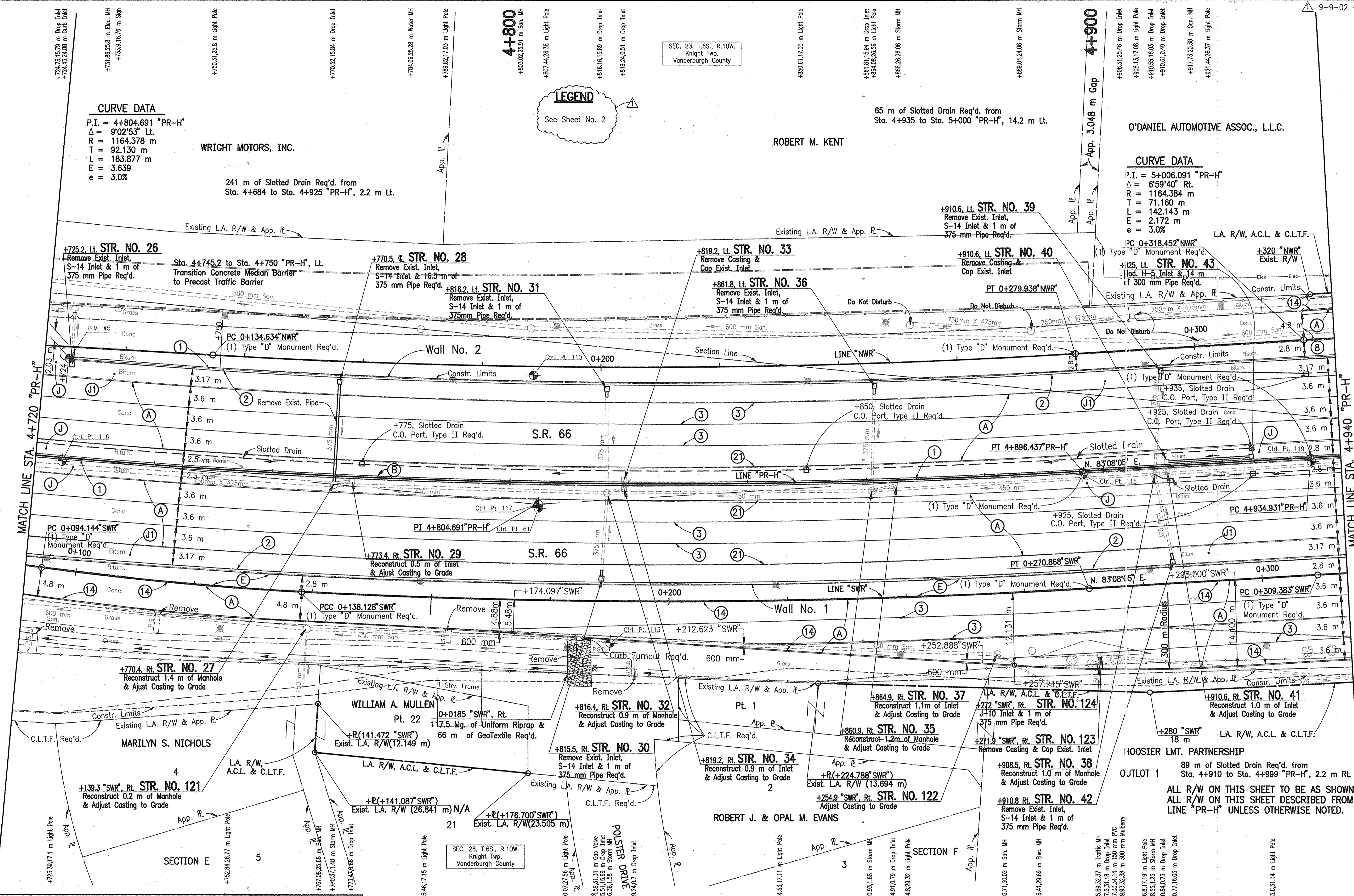
O'DANIEL AUTOMOTIVE ASSOC., L.L.C.

CURVE DATA

P.I. = 5+006.091 "PR-H"
Δ = 6'59"40" Rt.
R = 1164.384 m
T = 71.160 m
L = 142.143 m
E = 2.172 m
e = 3.0%

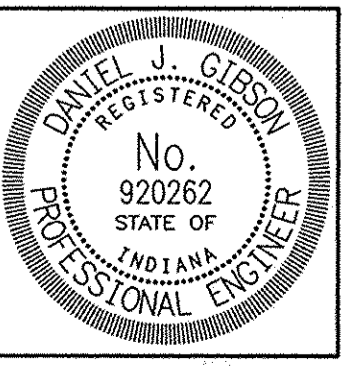
MATCH LINE STA. 4+720 "PR-H"

MATCH LINE STA. 4+940 "PR-H"



B.M. #5 - "□" Cut @ End of Conc. Handrail on Bridge over Green River Road on S.R. 66 - Elev. 120.080

 N. 5251.2621 E. 4661.5895 HTP #116 (PKN)	 N. 5270.4492 E. 4739.9446 HTP #110 (PKN)	 N. 5248.7990 E. 4742.0718 HTP #117 (Re-Bar)	 N. 5248.1972 E. 4742.1063 HTP #61	 N. 5226.2290 E. 4755.5005 HTP #113 (Capped Re-Bar)	 N. 5259.2176 E. 4833.3580 HTP #118 (PKN)	 N. 5263.7962 E. 4871.5806 HTP #119 (PKN)
Sta. 4+724.50, 0.65m Rt.	Sta. 4+803.58, 18.07m Lt.	Sta. 4+804.83, 3.65m Rt.	Sta. 4+804.83, 4.25m Rt.	Sta. 4+817.04, 26.82m Rt.	Sta. 4+896.52, 0.60m Rt.	Sta. 4+935.04, 0.63m Rt.



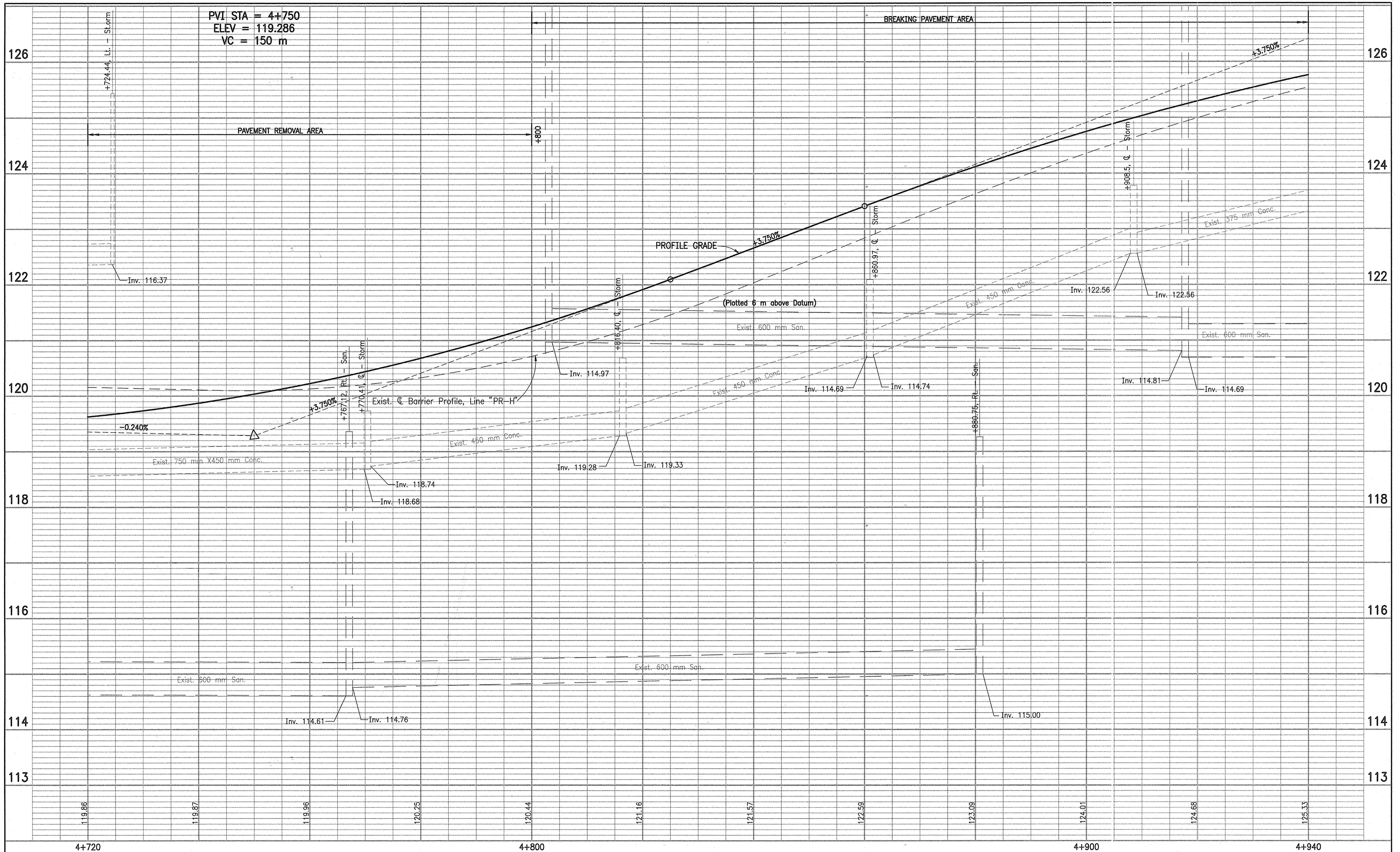
RECOMMENDED FOR APPROVAL: *D.J.G.* 9/12/02
DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: LZH
CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN - S.R. 66
STA. 4+720 TO 4+940 "PR-H"

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	33 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

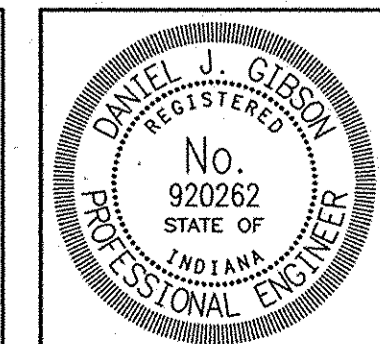


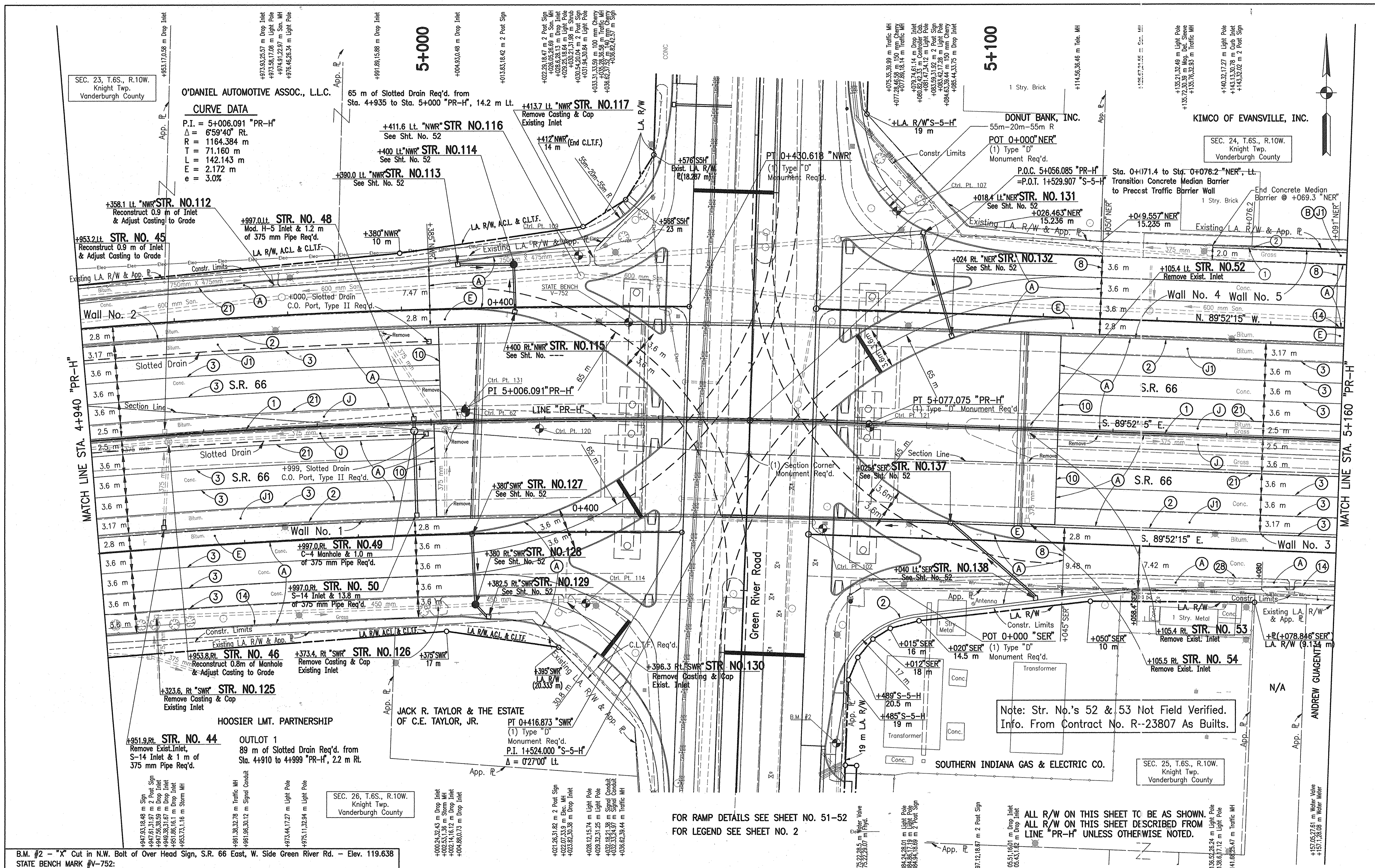
4+720
 4+800
 4+900
 4+940

RECOMMENDED FOR APPROVAL
 DESIGN ENGINEER
 DATE
 DESIGNED: DJG
 DRAWN: LZh
 CHECKED: MAE
 CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
 PROFILE - S.R. 66
 STA. 4+720 TO STA. 4+940 "PR-H"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 34 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)





B.M. #2 - "X" Cut in N.W. Bolt of Over Head Sign, S.R. 66 East, W. Side Green River Rd. - Elev. 119.638
 STATE BENCH MARK #V-752:
 Brass Tablet, N.W. Cor. of Handrail on Bridge Over Green River Road on S.R. 66 - Elev. 127.132

N. 5272.8474 E. 4942.2402	HTP #131	N. 5272.2833 E. 4942.2265	HTP #62 (PKN)
	Sta. 5+006.17.2.10m Lt.		Sta. 5+006.12, 1.53m Lt.

FOR RAMP DETAILS SEE SHEET NO. 51-52
 FOR LEGEND SEE SHEET NO. 2

RECOMMENDED FOR APPROVAL: *D. D. D. D.* 6-14-01
 DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

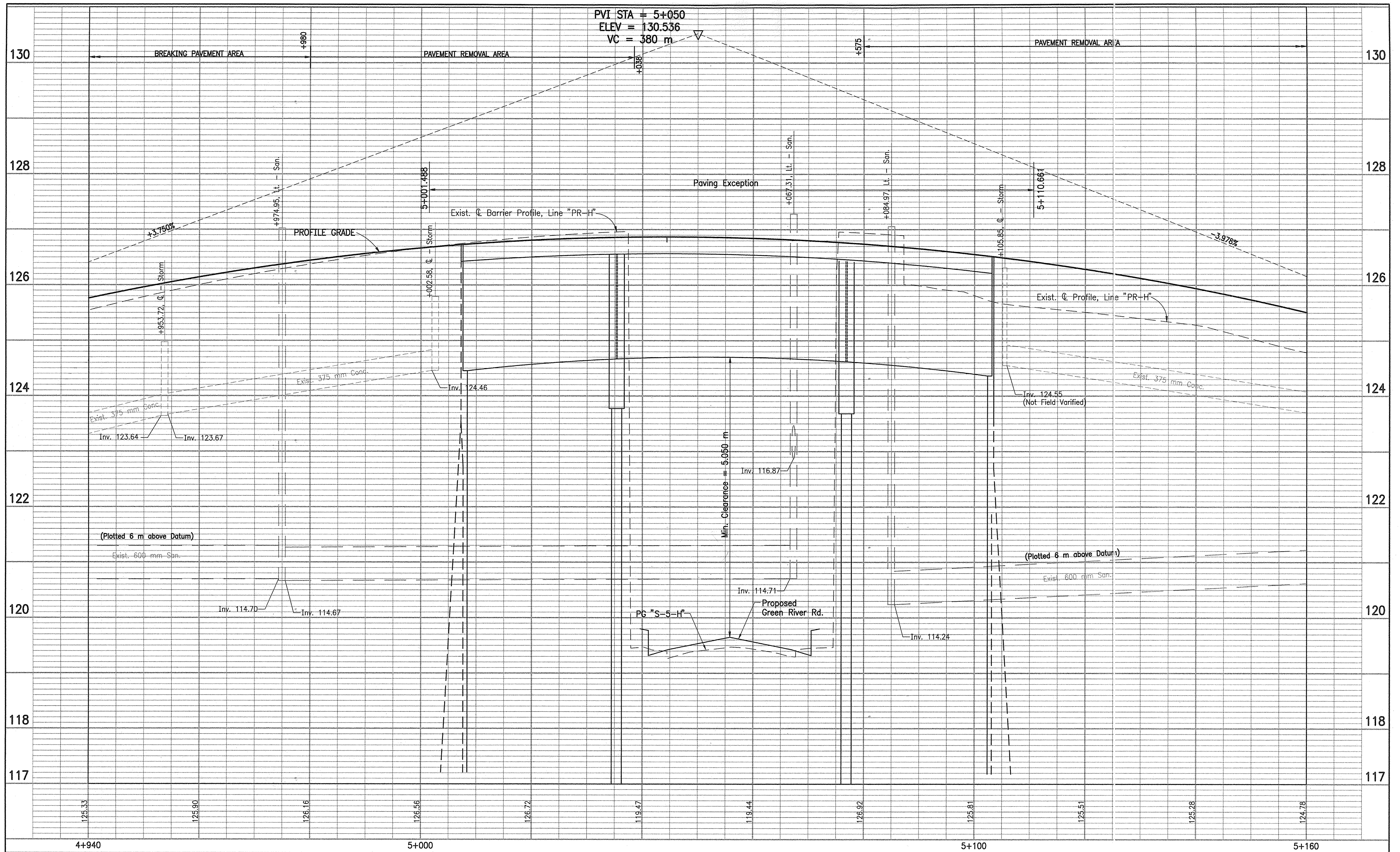
DANIEL J. GIBSON
 REGISTERED PROFESSIONAL ENGINEER
 No. 920262
 STATE OF INDIANA

INDIANA DEPARTMENT OF TRANSPORTATION

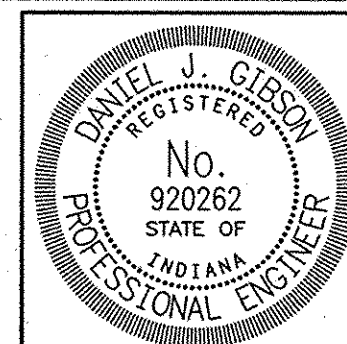
PLAN - S.R. 66
 STA. 4+940 TO 5+160) "PR-H"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION NO. 9223010
SURVEY BOOK	SHEETS 35 of 147
CONTRACT R-24951	PROJECT NO. NH-006-4(047)

ANDREW GUAGENTI



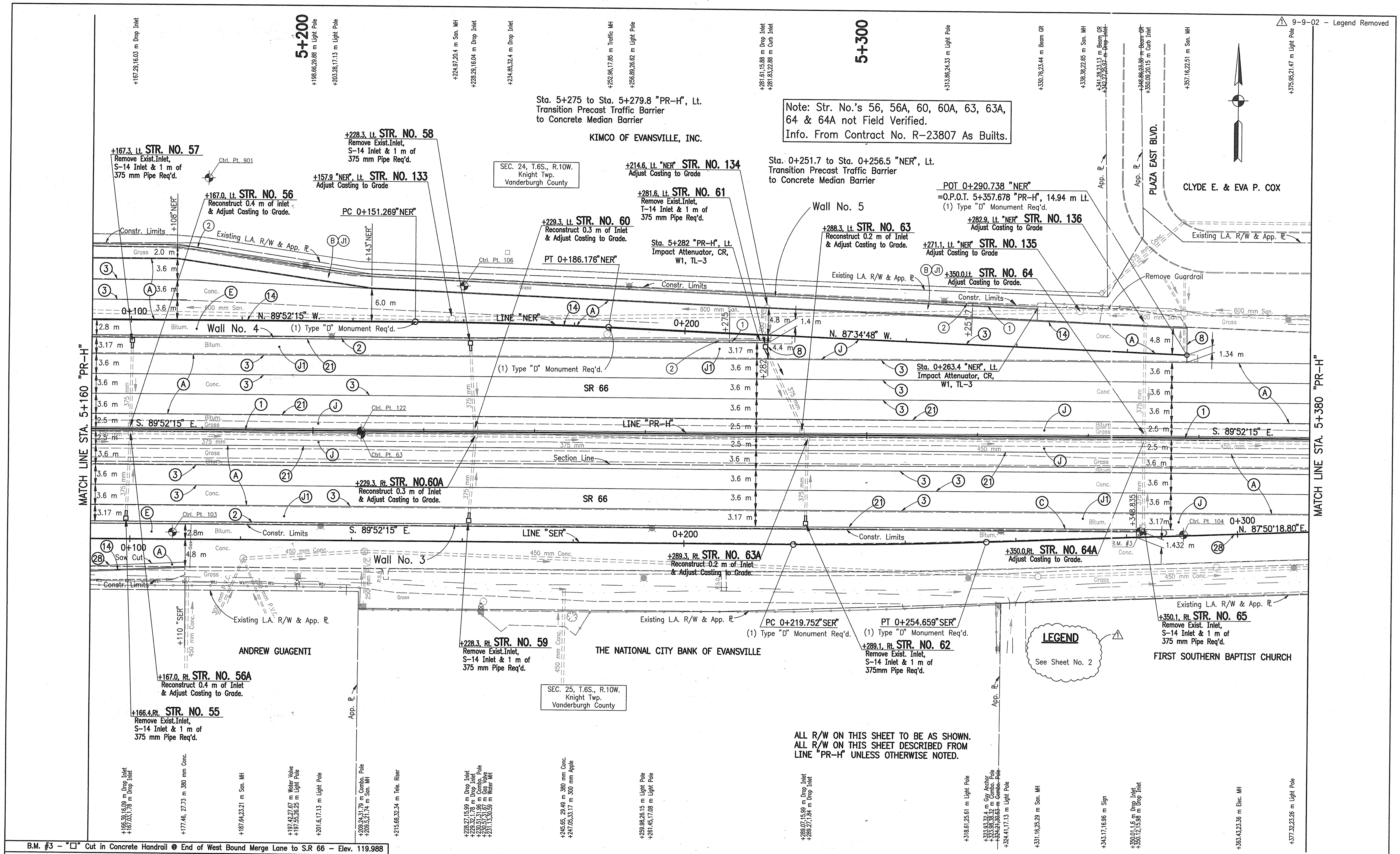
4+940	5+000	5+100	5+160
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RECOMMENDED FOR APPROVAL *DJG* 6/14/01
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
 PROFILE - S.R. 66
 STA. 4+940 TO STA. 5+160 "PR-H"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 36 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)



Note: Str. No.'s 56, 56A, 60, 60A, 63, 63A, 64 & 64A not Field Verified.
 Info. From Contract No. R-23807 As Builts.

Sta. 5+275 to Sta. 5+279.8 "PR-H", Lt.
 Transition Precast Traffic Barrier
 to Concrete Median Barrier

KIMCO OF EVANSVILLE, INC.

Sta. 0+251.7 to Sta. 0+256.5 "NER", Lt.
 Transition Precast Traffic Barrier
 to Concrete Median Barrier

SEC. 24, T.6S., R.10W.
 Knight Twp.
 Vanderburgh County

PT 0+186.176"NER"

+281.6 Lt. STR. NO. 61
 Remove Exist. Inlet,
 T-14 Inlet & 1 m of
 375 mm Pipe Req'd.

Sta. 5+282 "PR-H", Lt.
 Impact Attenuator, CR,
 W1, TL-3

POT 0+290.738 "NER"
 =O.P.O.T. 5+357.678 "PR-H", 14.94 m Lt.
 (1) Type "D" Monument Req'd.

+282.9 Lt. "NER" STR. NO. 136
 Adjust Casting to Grade

+271.1 Lt. "NER" STR. NO. 135
 Adjust Casting to Grade

+350.0 Lt. STR. NO. 64
 Adjust Casting to Grade.

+288.3 Lt. STR. NO. 63
 Reconstruct 0.2 m of Inlet
 & Adjust Casting to Grade.

+289.3 Rt. STR. NO. 63A
 Reconstruct 0.2 m of Inlet
 & Adjust Casting to Grade.

+350.0 Rt. STR. NO. 64A
 Adjust Casting to Grade.

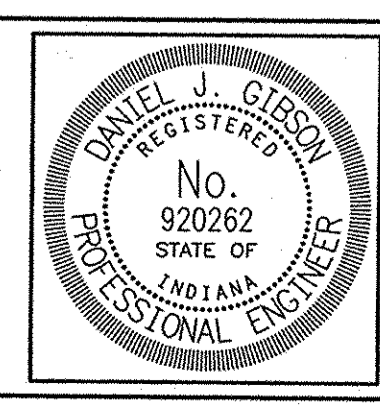
+350.1 Rt. STR. NO. 65
 Remove Exist. Inlet,
 S-14 Inlet & 1 m of
 375 mm Pipe Req'd.

LEGEND
 See Sheet No. 2

ALL R/W ON THIS SHEET TO BE AS SHOWN.
 ALL R/W ON THIS SHEET DESCRIBED FROM
 LINE "PR-H" UNLESS OTHERWISE NOTED.

B.M. #3 - "X" Cut in Concrete Handrail @ End of West Bound Merge Lane to S.R. 66 - Elev. 119.988

<p>HTP #103 (PKN) N. 5254.0100 E. 5110.9252</p>	<p>HTP #901 (PKN) N. 5317.9304 E. 5117.1567</p>	<p>HTP #106 (PKN) N. 5298.7446 E. 5163.2755</p>	<p>HTP #104 (PKN) N. 5254.6336 E. 5293.4476</p>
Sta. 5+174.81, 18.53m Rt.	Sta. 5+180.90, 45.41m Lt.	Sta. 5+227.06, 26.33m Lt.	Sta. 5+357.33, 17.49m Rt.

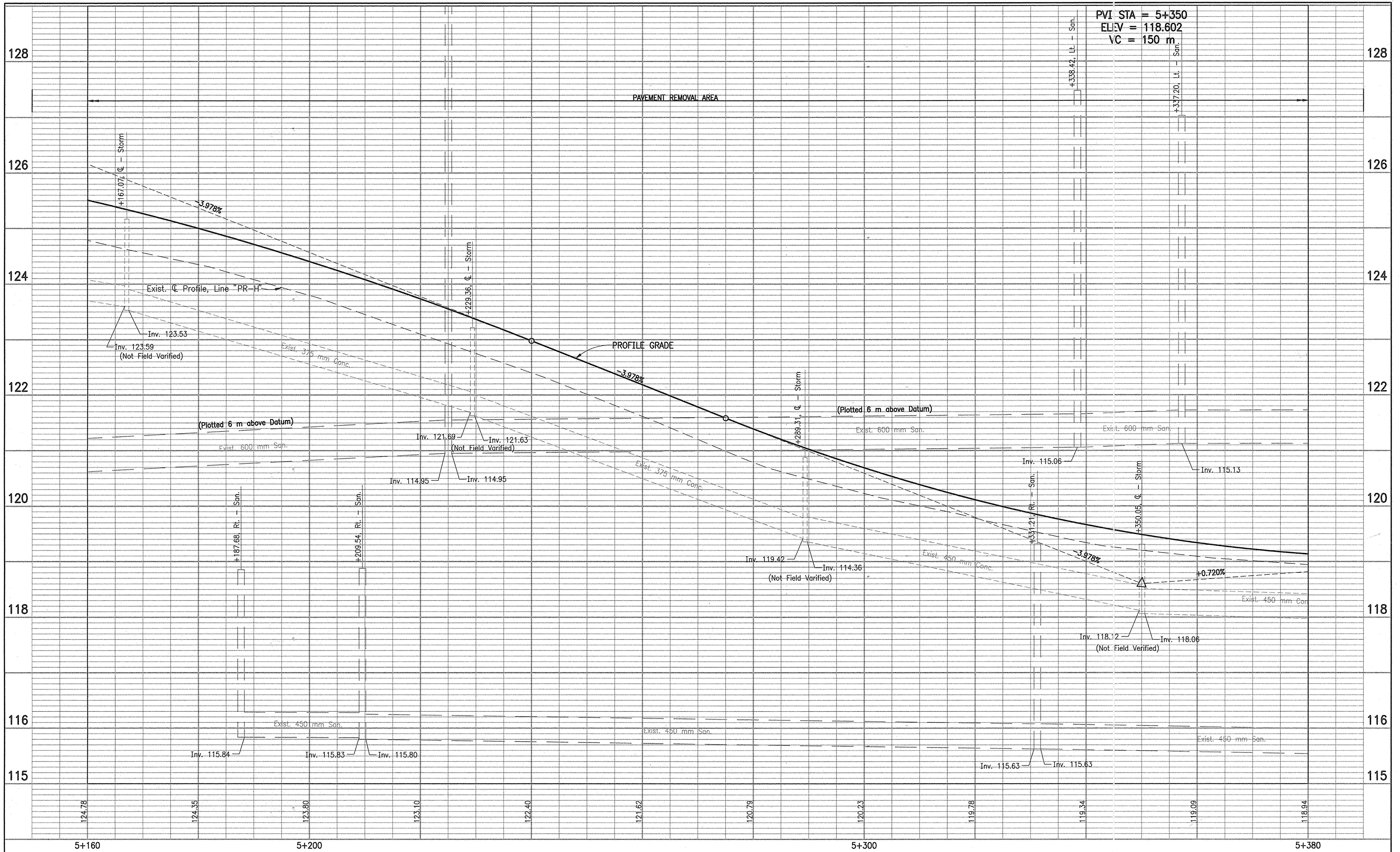


RECOMMENDED FOR APPROVAL	<i>Daniel J. Gibson</i> 9/12/02	DATE
DESIGNED: DJG	DRAWN: LZH	
CHECKED: M.A.E.	CHECKED: DJG	

INDIANA DEPARTMENT OF TRANSPORTATION
 PLAN - S.R. 66
 STA. 5+160 TO STA. 5+380 "PR-H"

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	37 of 147
CONTRACT	PROJECT NO.
R-24951	NH-066-4(047)

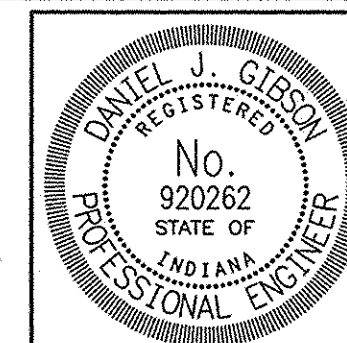
D:\Project\3307\Plans\Topo\330706ASE.dwg Wed Sep 11 16:01:20 2002 bm



124.78	124.35	123.80	123.10	122.40	121.62	120.79	120.23	119.78	119.34	119.09	118.94
5+160	5+200						5+300				5+380

RECOMMENDED FOR APPROVAL *Daniel J. Gieroni* 6/14/01
 DESIGN ENGINEER DATE

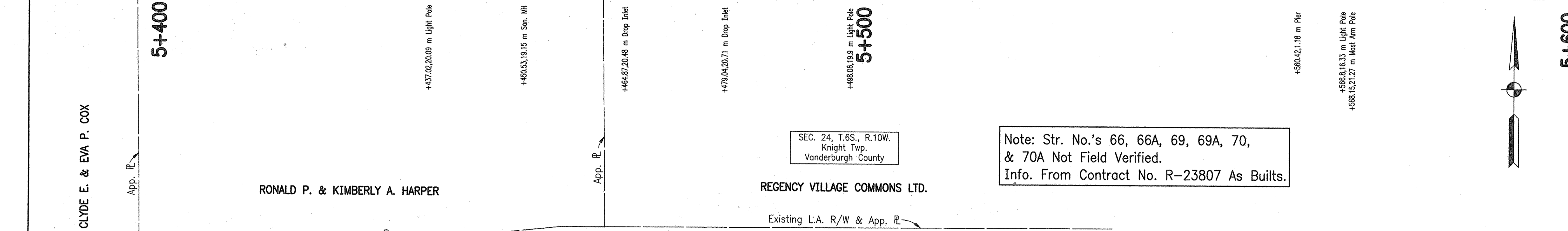
DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG



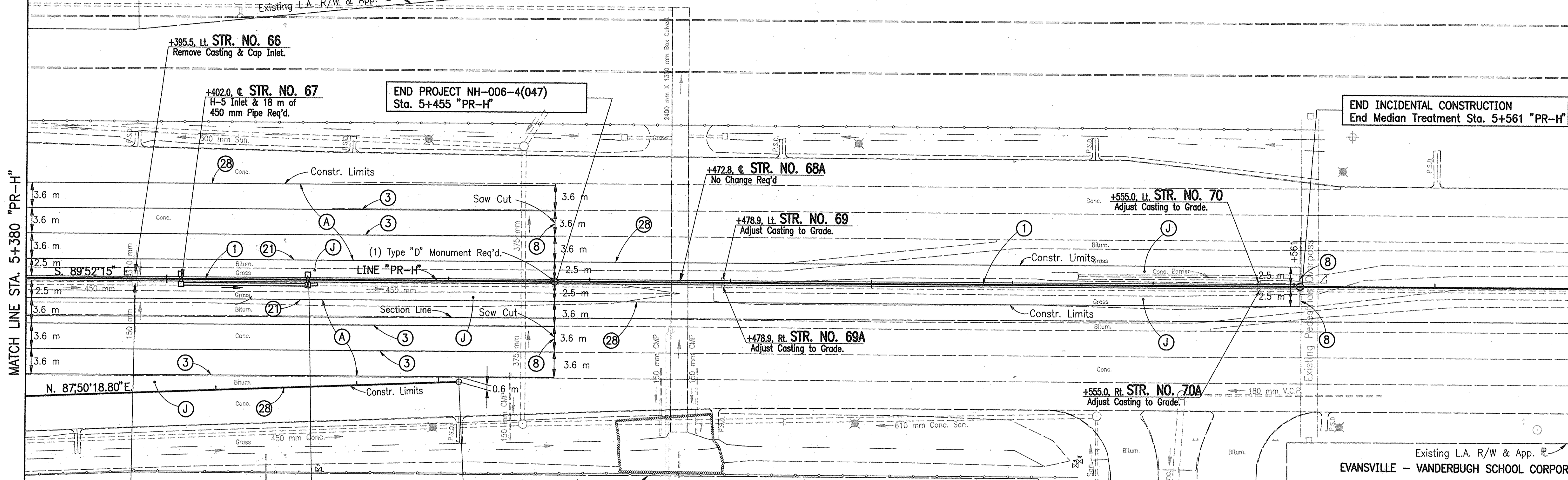
INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE - S.R. 66
 STA. 5+160 TO STA. 5+380 "PR-H"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 38 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)



Note: Str. No.'s 66, 66A, 69, 69A, 70, & 70A Not Field Verified.
Info. From Contract No. R-23807 As Built.



MATCH LINE STA. 5+380 "PR-H"

END INCIDENTAL CONSTRUCTION
End Median Treatment Sta. 5+561 "PR-H"

END PROJECT NH-006-4(047)
Sta. 5+455 "PR-H"

+395.5, Rt. STR. NO. 66A
Remove Casting & Cap Inlet.

+420.0, C. STR. NO. 68
H-5 Inlet & 1 m of
450 mm Pipe Req'd.

P.O.T. 0+374.473 "SER"
=0.P.O.T. 5+441.498 "PR-H", 14.33 Rt.

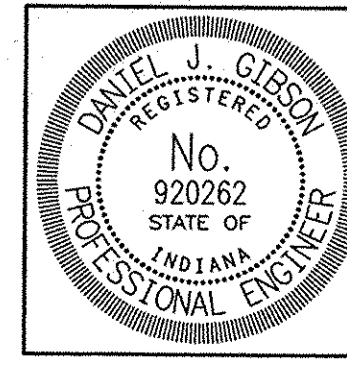
SEC. 25, T.6S., R.10W.
Knight Twp.
Vanderburgh County

Existing L.A. R/W & App. P.
EVANSVILLE - VANDERBUGH SCHOOL CORPORATION

LEGEND
See Sheet No. 2

ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "PR-H" UNLESS OTHERWISE NOTED.

- +395.471, 1.84 m Drop Inlet
- +414.16, 25.36 m 150 mm PVC
- +421.55, 27.1 m Water Meter
- +421.7, 28.67 m Water Valve
- +437.84, 20.81 m Light Pole
- +448.72, 22.49 m 150 mm Cmp
- +450.61, 20.25 m San. MH
- +470.07, 21.95 m 150 mm CIP
- +474.11, 23.54 m 100 mm PVC
- +475.42, 21.15 m 150 mm Cmp
- +478.92, 1.38 m Drop Inlet
- +487.88, 19.37 m 2 Post Sign
- +487.75, 19.81 m Light Pole
- +503.11, 25.54 m Water Valve
- +509.75, 24.95 m Water Valve
- +539.13, 18.55 m San. MH
- +532.27, 23.32 m Street Sign
- +550.01, 34.63 m 300 mm MH
- +544.2, 15.47 m San. MH
- +544.2, 15.47 m San. MH
- +546.17, 21.86 m 2 Post Sign
- +557.32, 21.95 m 2 Post Sign
- +560.30, 23.45 m Pier
- +562.28, 21.72 m Drop Inlet
- +566.54, 19.89 m Light Pole

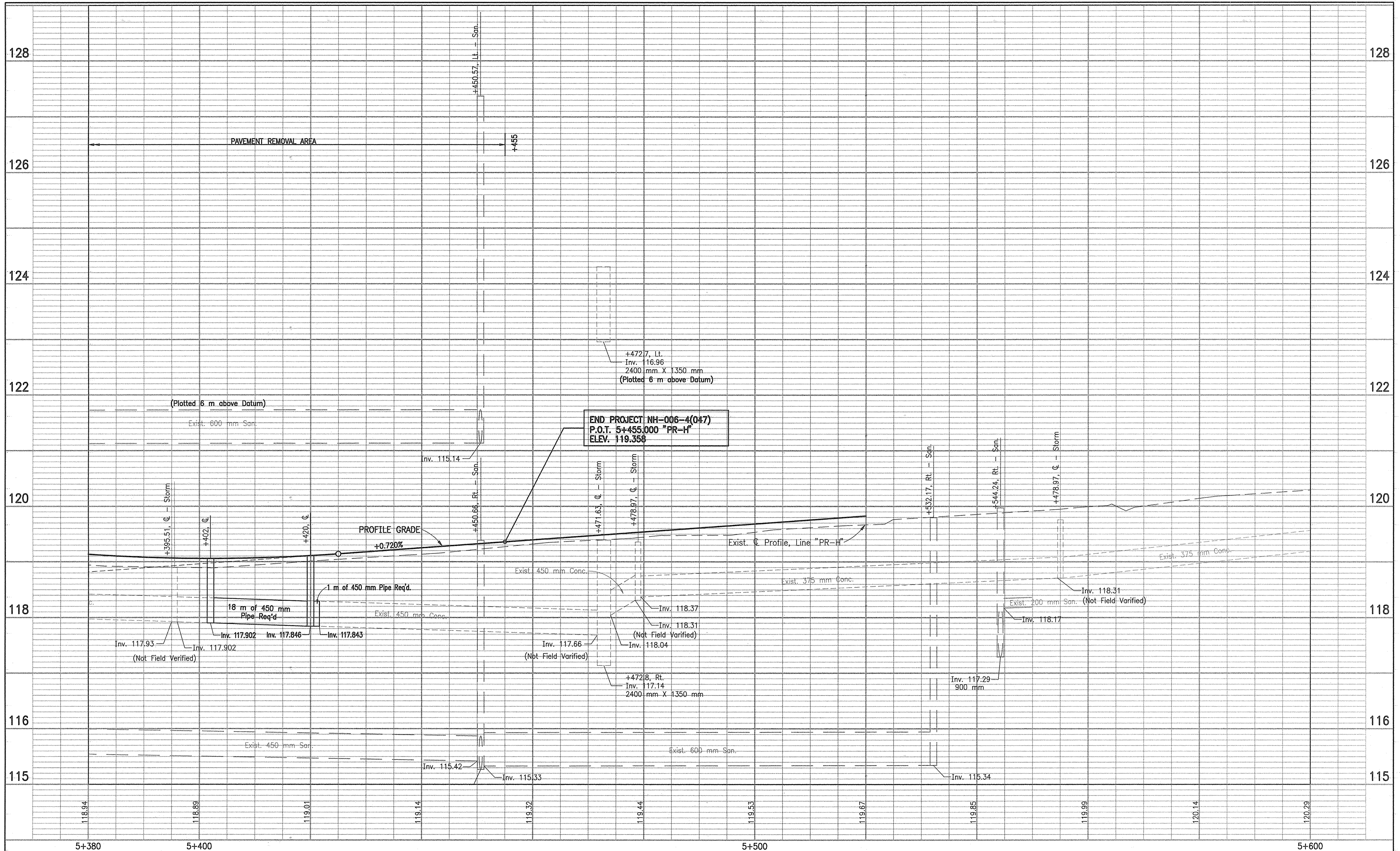


RECOMMENDED FOR APPROVAL: *Daly* 9/12/02
DESIGN ENGINEER DATE

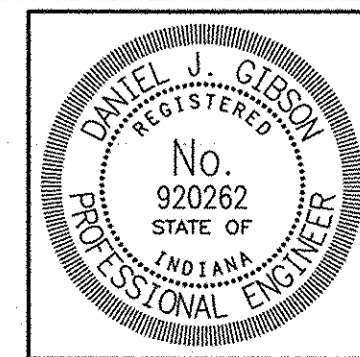
DESIGNED: DJG DRAWN: LZH
CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
PLAN - S.R. 66
STA. 5+380 "PR-H" TO END

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	39 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)



END PROJECT NH-006-4(047)
P.O.T. 5+455.000 "PR-H"
ELEV. 119.358



RECOMMENDED FOR APPROVAL *D.J.G.* 6/14/01
 DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

PROFILE - S.R. 66
STA. 5+380 TO END "PR-H"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 40 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

1+200

1+300

1+400

Points of Access To Be Allowed As Follows	
Location	Type
1+366, Rt.	(2) Class III Drives
1+386, Lt.	Class III Drive

- +251.34, 12.28 m Light Pole
- +252.06, 10.67 m Catch Basin
- +254.13, 14.93 m 2 Post Sign
- +258.22, 11.17 m Tele. MH
- +259.44, 18.33 m Sign
- +261.98, 11.08 m Tele. MH
- +262.28, 13.2 m Road
- +262.12, 15.82 m Sign
- +265.08, 16.11 m Water Valve
- +278.69, 15.1 m Street Sign
- +281.65, 12.04 m Sign
- +285.62, 15.14 m 2 Post Sign
- +297.21, 12.2 m Light Pole
- +311.16, 10.52 m Catch Basin
- +314.03, 7.07 m San. MH
- +323.74, 15.99 m 300 mm Locust
- +333.92, 14.95 m Sign
- +334.02, 22.67 m Sign
- +338.21, 12.05 m San. MH
- +338.55, 24.89 m Drop Inlet
- +343.22, 17.1 m 2 Post Sign
- +347.04, 11.88 m Light Pole
- +351.72, 10.34 m Sign
- +363.3, 11.73 m Sign
- +369.27, 10.23 m Catch Basin
- +373.05, 10.87 m App. P
- +373.74, 11.58 m Water Meter
- +376.21, 4.64 m San. MH
- +378.1, 10.77 m Water Valve
- +378.46, 10.88 m Flyd.

SEC. 26, T.6S., R.10W.
Knight Twp.
Vanderburgh County

HARRISON VILLAGE

HOME FEDERAL SAVINGS
& LOAN ASSOC.

CELLULAR CONNECTION
PROPERTIES, L.L.C.

HOOSIER LMT. PARTNERSHIP

OUTLOT 1

PERMANENT FEDERAL SAVINGS
& LOAN ASSOC.

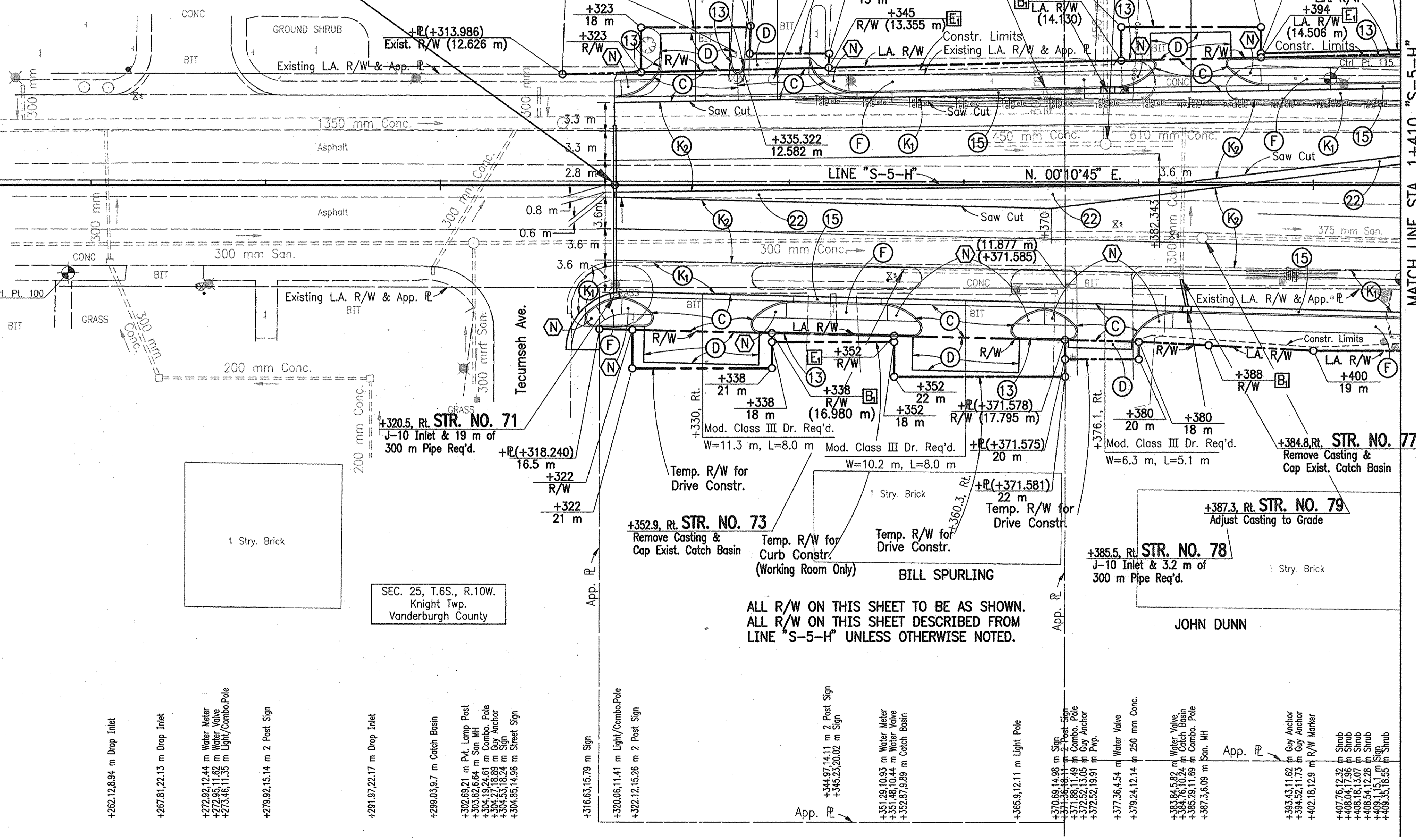
BEGIN CONSTRUCTION
STA. 1+320.000 "S-5-H"
(1) Type "B" Monument Req'd.

Do Not Disturb
Bank Drive Thru Sign

+376.2 Lt. STR. NO. 75
M-10 Inlet & 2.5 m of
450 mm Pipe Req'd.

+376.2 Lt. STR. NO. 76
Adjust Casting to Grade

Mod. Class III Dr. Req'd.
W=8.0 m, L=6.8 m
Temp. R/W for
Curb Constr.
(Working Room Only)



LEGEND
See Sheet No. 2

+221.51, 11.19 m Light/Combo Pole

+262.12, 8.94 m Drop Inlet
+267.81, 22.13 m Drop Inlet
+272.92, 12.44 m Water Meter
+272.95, 11.62 m Water Valve
+273.46, 11.35 m Light/Combo Pole
+279.92, 15.14 m 2 Post Sign

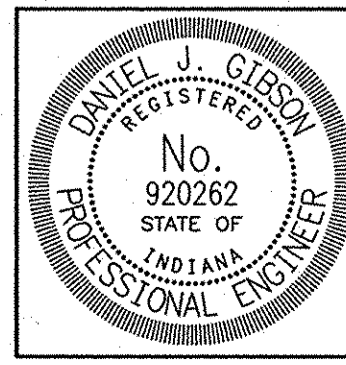
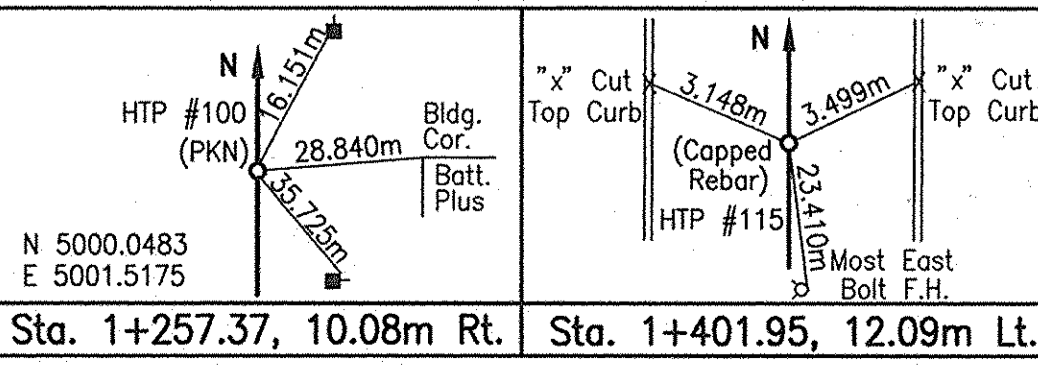
+291.97, 22.17 m Drop Inlet
+299.03, 9.7 m Catch Basin
+302.69, 21 m P.V. Lamp Post
+303.62, 6.64 m San. MH
+304.17, 15.80 m Water Meter
+304.55, 18.24 m Water Valve
+304.55, 18.24 m Street Sign
+304.95, 14.96 m Street Sign

+316.63, 15.79 m Sign
+320.06, 11.41 m Light/Combo Pole
+322.12, 15.26 m 2 Post Sign
+346.97, 14.11 m 2 Post Sign
+346.25, 20.02 m Sign

+351.09, 10.93 m Water Meter
+351.48, 10.44 m Water Valve
+352.67, 9.89 m Catch Basin
+365.91, 12.11 m Light Pole
+370.89, 14.98 m Sign
+371.36, 11.14 m 2 Post Sign
+371.88, 17.98 m Sign
+372.82, 19.91 m Sign
+377.36, 6.54 m Water Valve
+379.24, 12.14 m 200 mm Conc.

+383.54, 11.62 m Guy Anchor
+384.52, 11.73 m Guy Anchor
+402.18, 18.29 m R/W Marker
+407.75, 12.26 m Sign
+408.16, 12.79 m Sign
+408.54, 12.29 m Sign
+409.15, 11.51 m Sign
+409.35, 16.36 m Sign

B.M. #1 - R.R. Spike in Pwp., N.E. Cor. of Arco Gas,
East Side of Green River Road. - Elev. 119.860



RECOMMENDED FOR APPROVAL
DESIGN ENGINEER
DATE: 9/12/02
DESIGNED: DJG
DRAWN: LZH
CHECKED: MAE
CHECKED: DJG

INDIANA
DEPARTMENT OF TRANSPORTATION
PLAN - GREEN RIVER ROAD
BEGIN TO STA. 1+410 "S-5-H"

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	41 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

PVI STA = 1+360.00
 ELEV = 119.54
 VC = 40 m

124

124

122

122

120

120

118

118

116

116

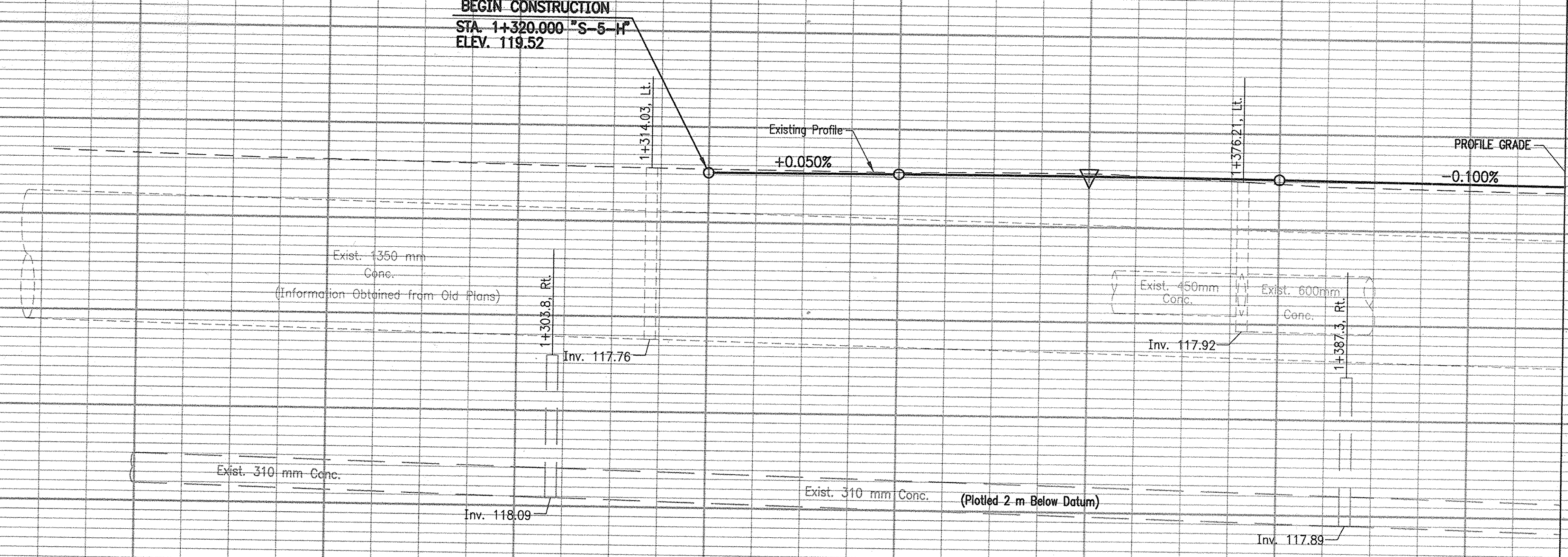
114

114

112

112

BEGIN CONSTRUCTION
 STA. 1+320.00 "S-5-H"
 ELEV. 119.52



119.65

119.61

119.58

119.56

119.55

119.56

119.48

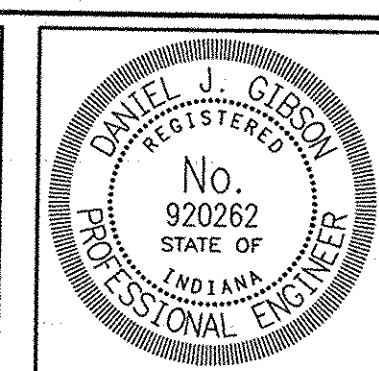
119.43

119.42

1+300

1+400

1+410



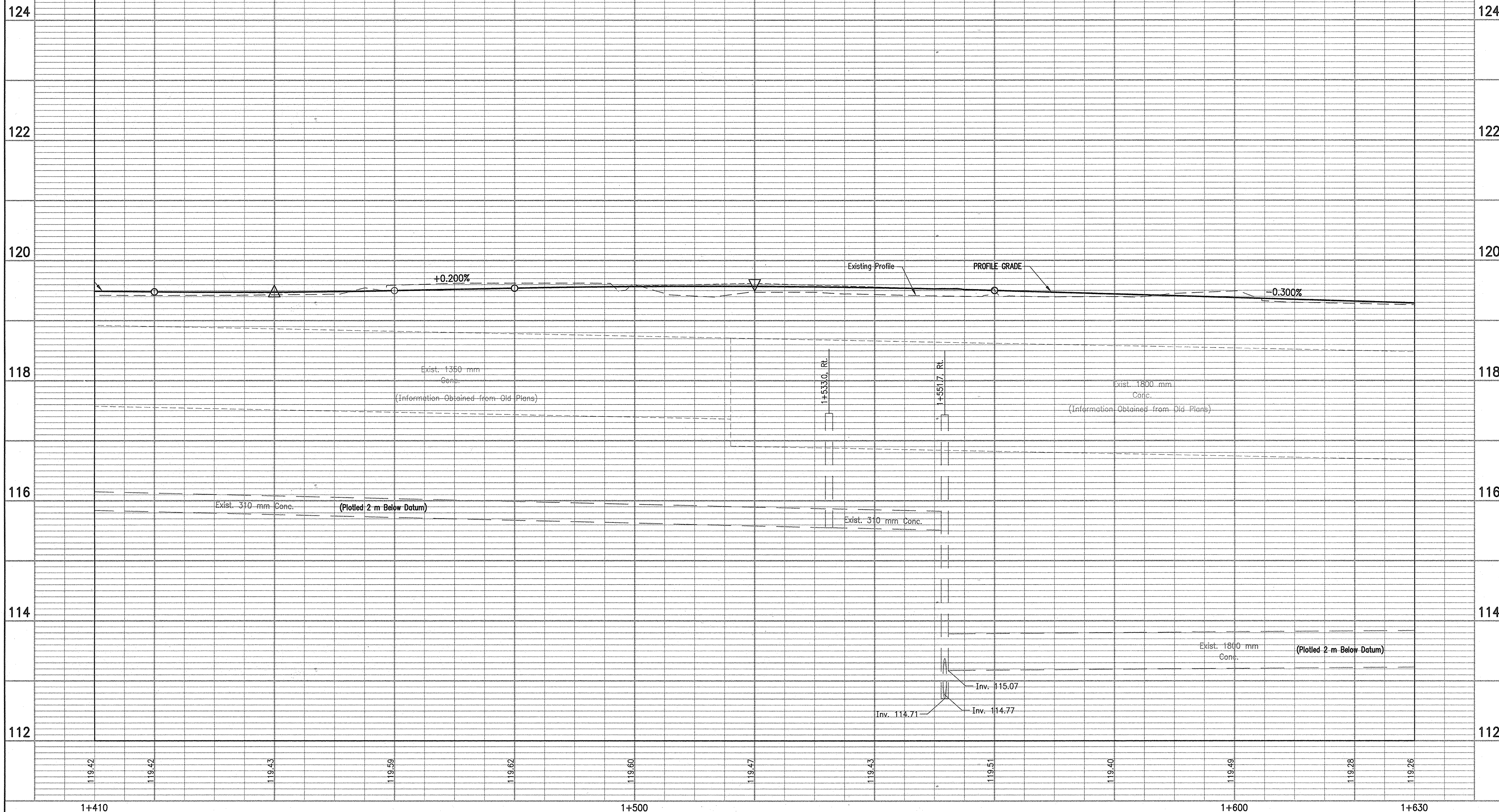
RECOMMENDED FOR APPROVAL: *D. J. Gibson* 6/14/01
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
 PROFILE - GREEN RIVER ROAD
 BEGIN TO STA. 1+410 "S-5-H"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 42 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

PVI STA = 1+440
 ELEV = 119.460
 VC = 40 m

PVI STA = 1+520
 ELEV = 119.620
 VC = 80 m



		RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DATE	6/19/01	INDIANA DEPARTMENT OF TRANSPORTATION PROFILE - GREEN RIVER ROAD STA. 1+410 TO STA. 1+630 "S-5-H"	HORIZONTAL SCALE	BRIDGE FILE
		DESIGNED: DJG	DRAWN: MTM	SURVEY BOOK	SHEETS			
		CHECKED: MAE	CHECKED: DJG	CONTRACT	PROJECT			
				R-24951	NH-006-4(047)			

PVI STA = 1+660
 ELEV = 119.200
 VC = 40 m

124

124

122

122

120

120

118

118

116

116

114

114

112

112

119.26

119.24

119.16

119.07

118.94

118.77

118.69

118.60

118.64

118.67

1+630

1+700

1+800

-0.300%

PROFILE GRADE

-0.600%

Existing Profile

END CONSTRUCTION
 STA. 1+760.000 "S-5-H"
 ELEV. 118.600

Exist. 1800 mm
 Conc.
 (Information Obtained from Old Plans)

1+737.6, Rt.

1+778.1, Rt.

Exist. 910 mm
 Conc.

Inv. 117.03

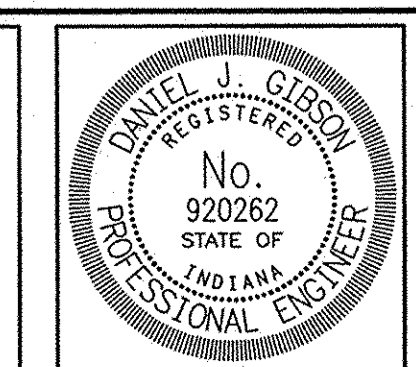
Inv. 116.10

Inv. 115.25

Exist. 1800 mm
 Conc. (Plotted 2 m Below Datum)

Inv. 115.43

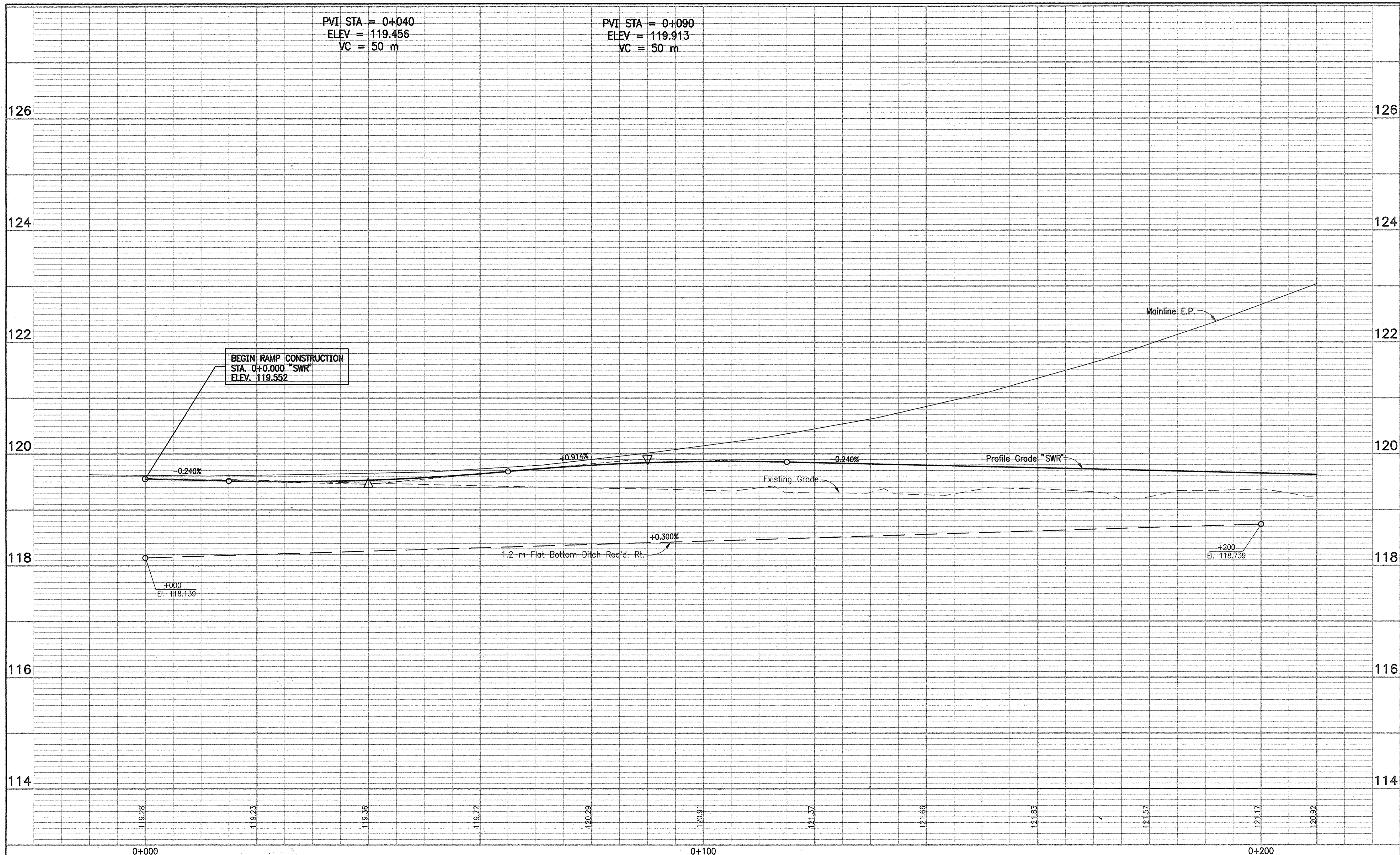
Exist. 610 mm
 Conc.



RECOMMENDED FOR APPROVAL
Daniel J. Gibson 6/14/01
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: MTM
 CHECKED: MAE CHECKED: DJG

INDIANA
 DEPARTMENT OF TRANSPORTATION
 PROFILE - GREEN RIVER ROAD
 STA. 1+630 "S-5-H" TO END

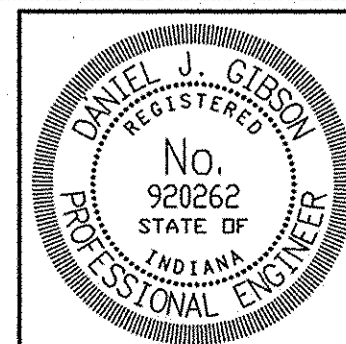
HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 46 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)



0+000

0+100

0+200



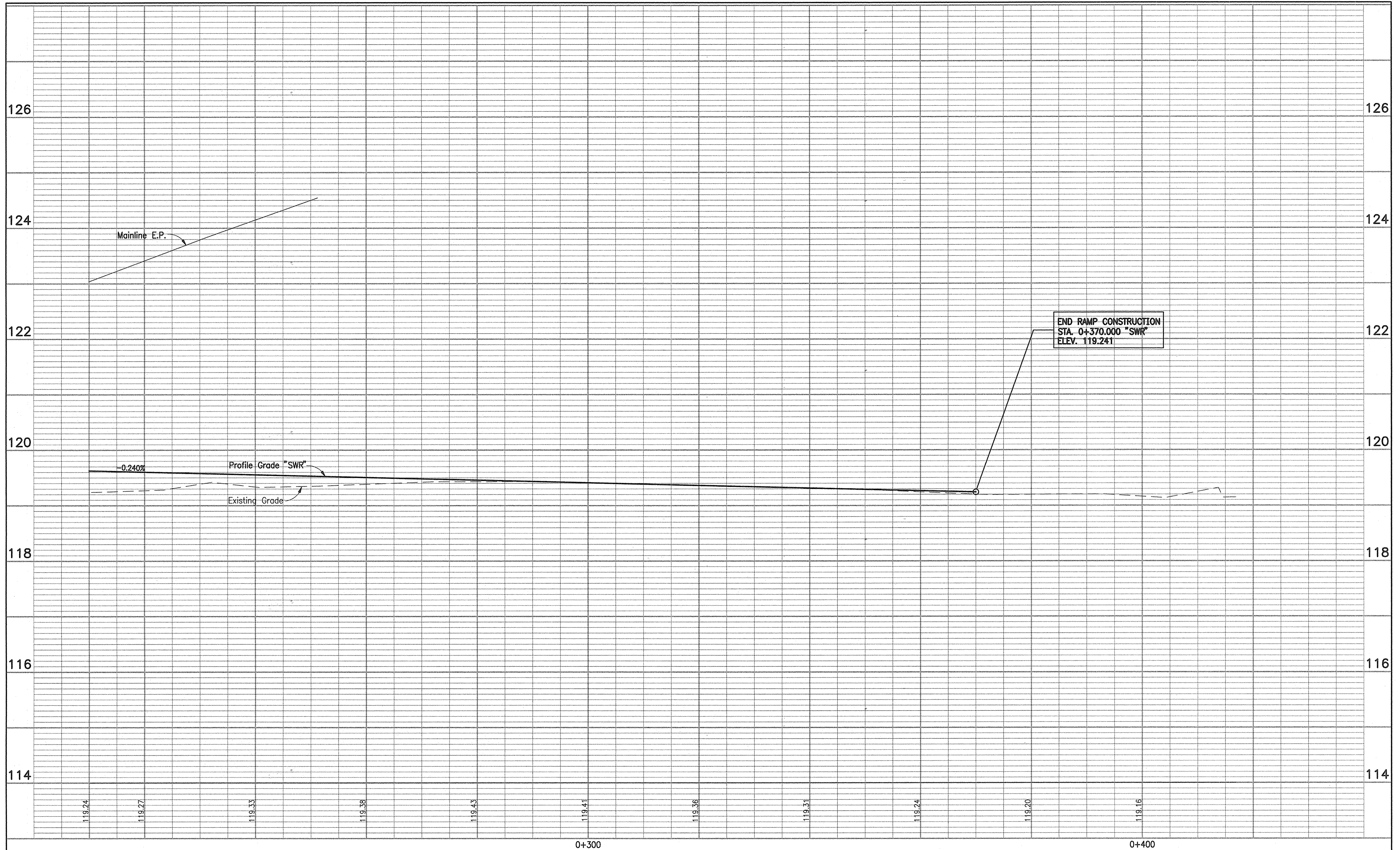
RECOMMENDED FOR APPROVAL *Daniel J. Gibson* 6/14/01
 DESIGN ENGINEER DATE

DESIGNED: D.J.G. DRAWN: LZH
 CHECKED: M.A.E. CHECKED: D.J.G.

INDIANA
DEPARTMENT OF TRANSPORTATION

RAMP PROFILE
STA. 0+000 TO STA. 0+210 "SWR"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 47 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

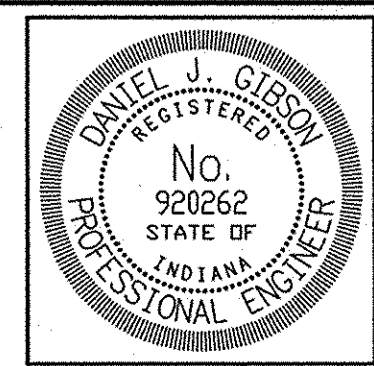


0+300

0+400

RECOMMENDED FOR APPROVAL *[Signature]* 6/14/01
DESIGN ENGINEER DATE

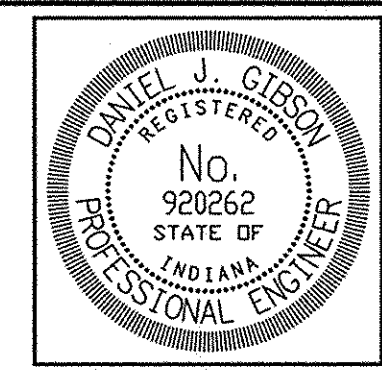
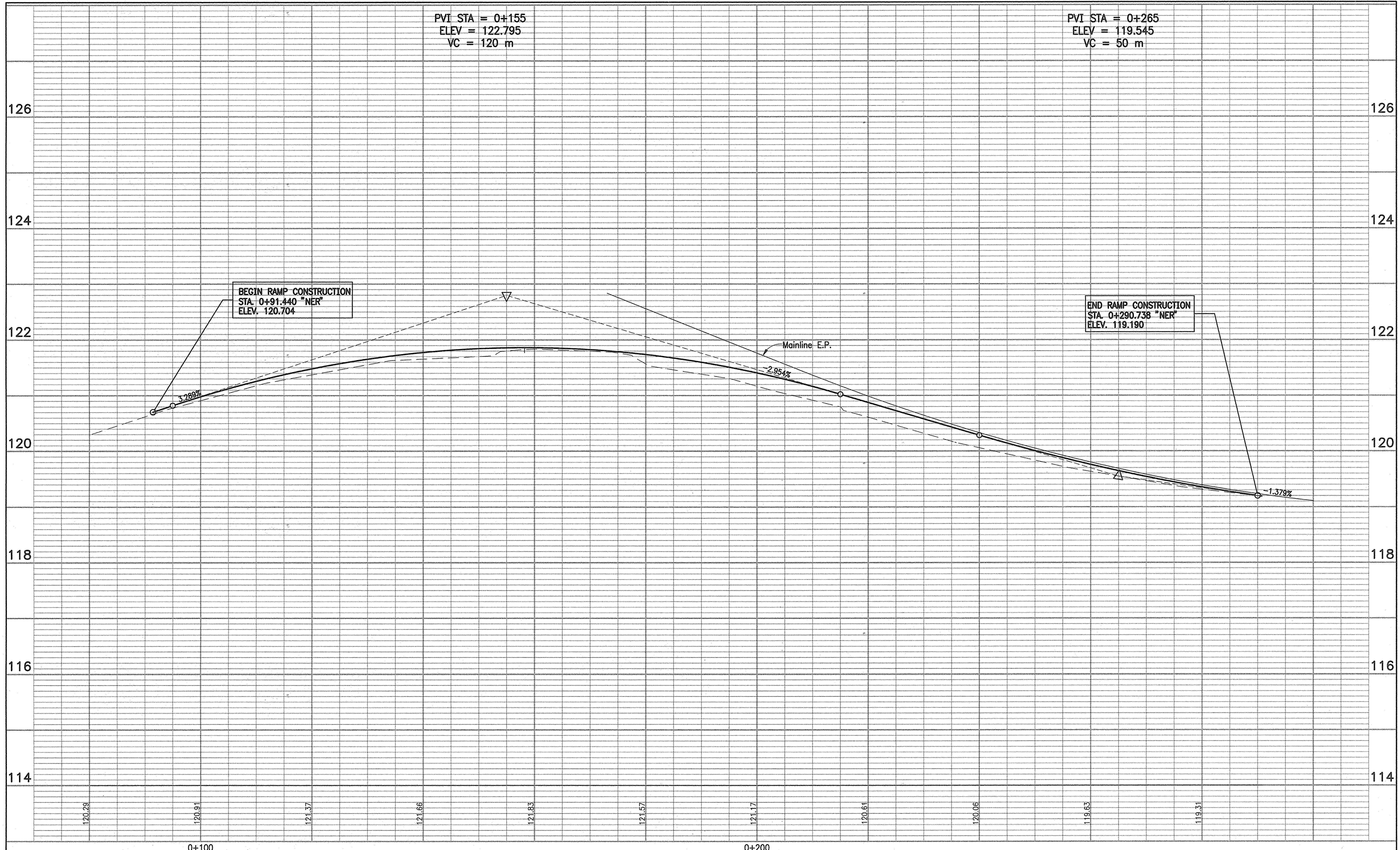
DESIGNED: D.J.G. DRAWN: LZH
 CHECKED: M.A.E. CHECKED: D.J.G.



INDIANA DEPARTMENT OF TRANSPORTATION

RAMP PROFILE
 STA. 0+210 TO STA. 0+320.000 "SWR"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 48 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)



RECOMMENDED FOR APPROVAL *D.J.G.* 6/14/01
DESIGN ENGINEER DATE

DESIGNED: D.J.G. DRAWN: LZH
CHECKED: M.A.E. CHECKED: D.J.G.

INDIANA DEPARTMENT OF TRANSPORTATION

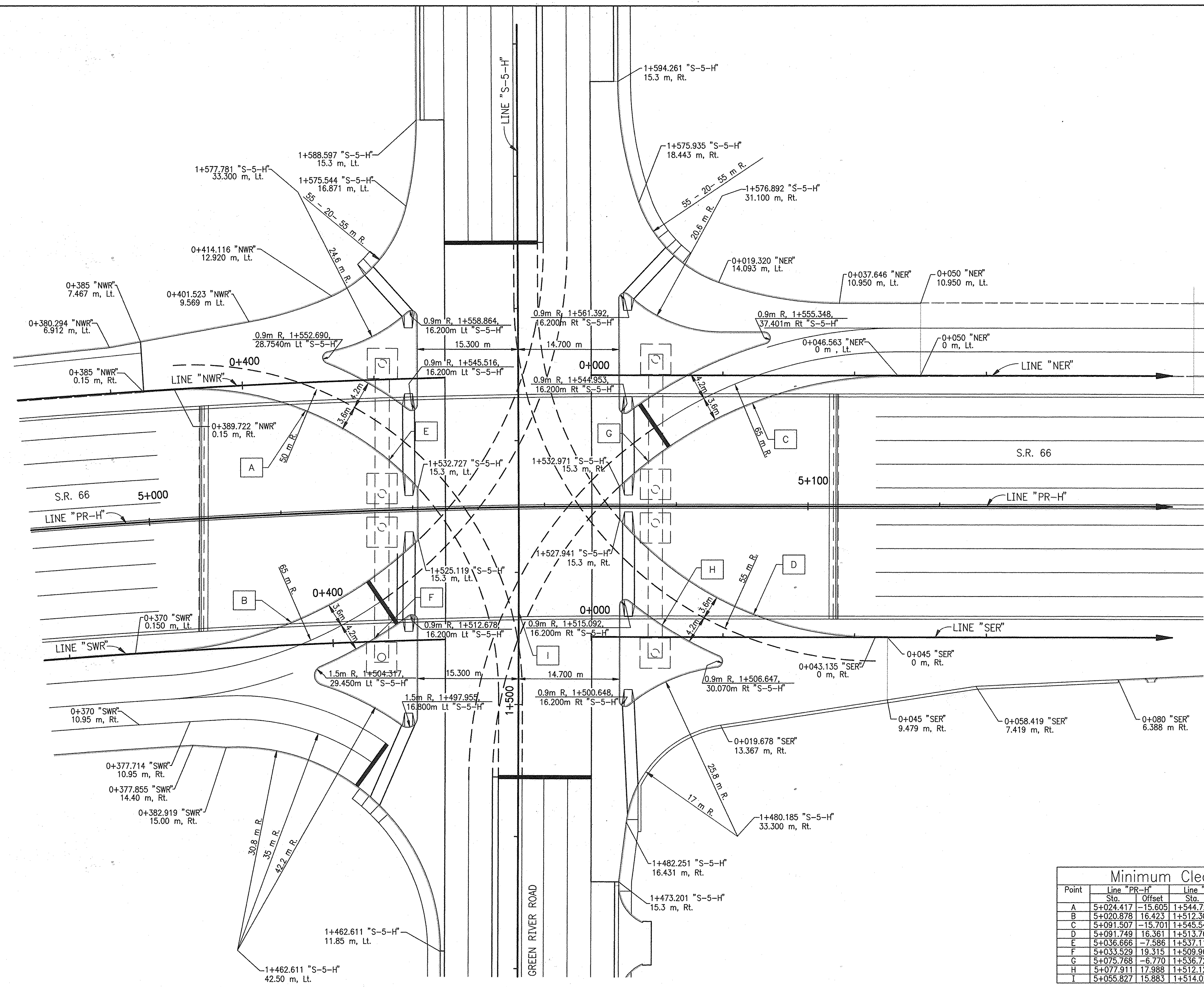
RAMP PROFILE
STA. 0+091.440 TO STA. 0+290.738 "NER"

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE 1:30	DESIGNATION 9223010
SURVEY BOOK	SHEETS 49 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

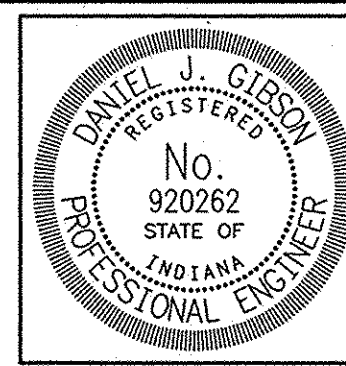
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R-24951

147



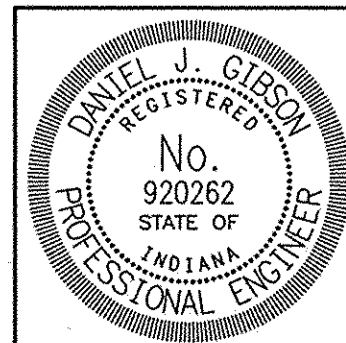
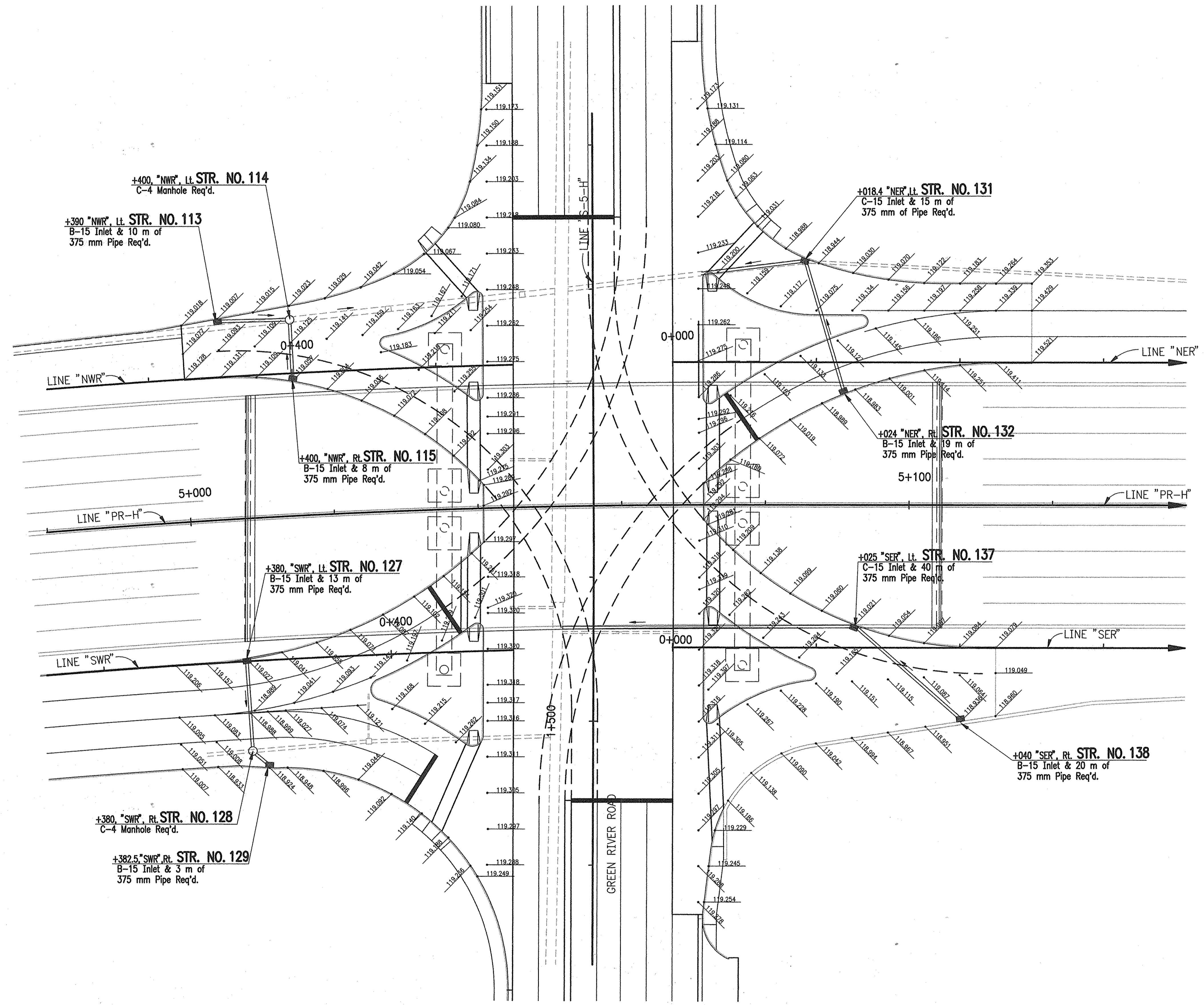
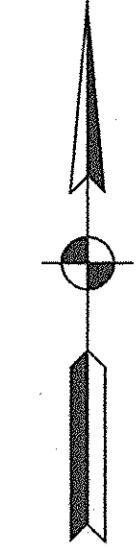
Point	Line "PR-H"		Line "S-5-H"		Pymt. Elev.	Low Str. El.	Clear.
	Sta.	Offset	Sta.	Offset			
A	5+024.417	-15.605	1+544.721	-32.254	119.036	125.702	6.660
B	5+020.878	16.423	1+512.306	-34.424	119.069	124.743	5.674
C	5+091.507	-15.701	1+545.549	35.531	118.984	125.390	6.405
D	5+091.749	16.361	1+513.766	35.631	119.027	124.692	5.665
E	5+036.666	-7.586	1+537.114	-19.625	119.188	125.331	6.143
F	5+033.529	19.315	1+509.962	-21.854	119.249	124.535	5.286
G	5+075.768	-6.770	1+536.728	19.723	119.162	125.185	6.023
H	5+077.911	17.988	1+512.127	21.794	119.262	124.555	5.293
I	5+055.827	15.883	1+514.021	0.000	119.572	124.787	5.215



RECOMMENDED FOR APPROVAL: *D.J.G.* 4-01-02
 DESIGN/ENGINEER DATE
 DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
 RAMP TERMINALS
 S.R. 66 - VANDERBURGH CO.

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	51 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

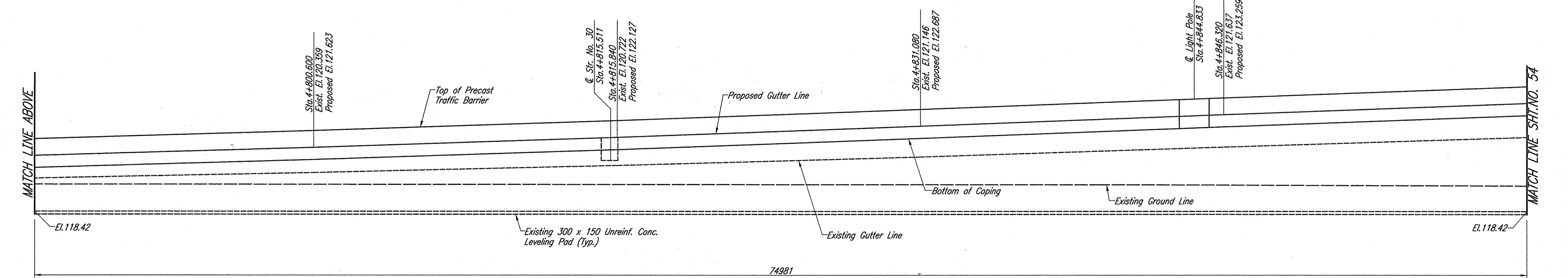
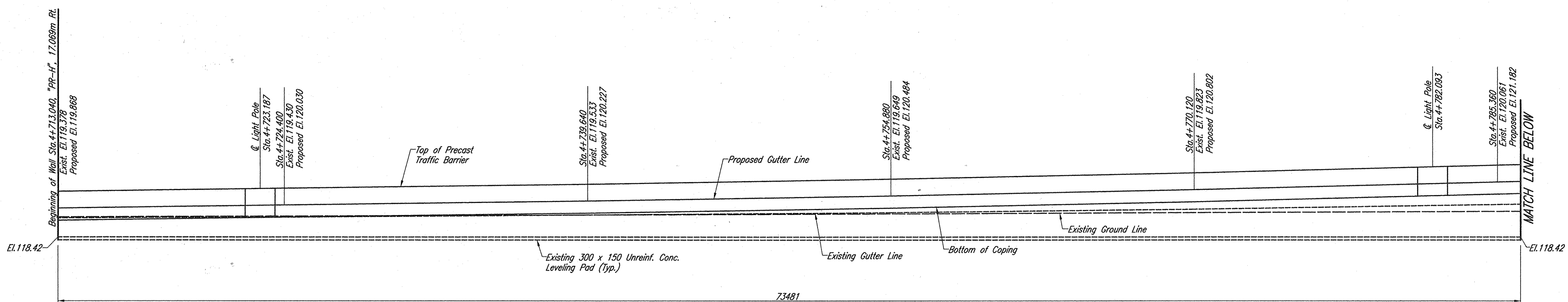


RECOMMENDED FOR APPROVAL *D.J.G.* 4-01-02
 DESIGNER DATE
 DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

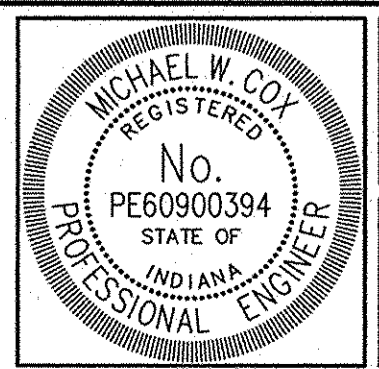
INDIANA DEPARTMENT OF TRANSPORTATION
SPOT ELEVATIONS
S.R. 66 - VANDERBURGH CO.

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	62 of 147 PROJECT NH-006-4(047)

1307270M



Notes:
 For Plan View of Wall No. 1 Locations, See Shts. 31, 33 & 35
 For Barrier and Coping Details, See Shts. 65, 66 & 66A
 For Additional Details, See Shts. 64, 65, 66 & 66A



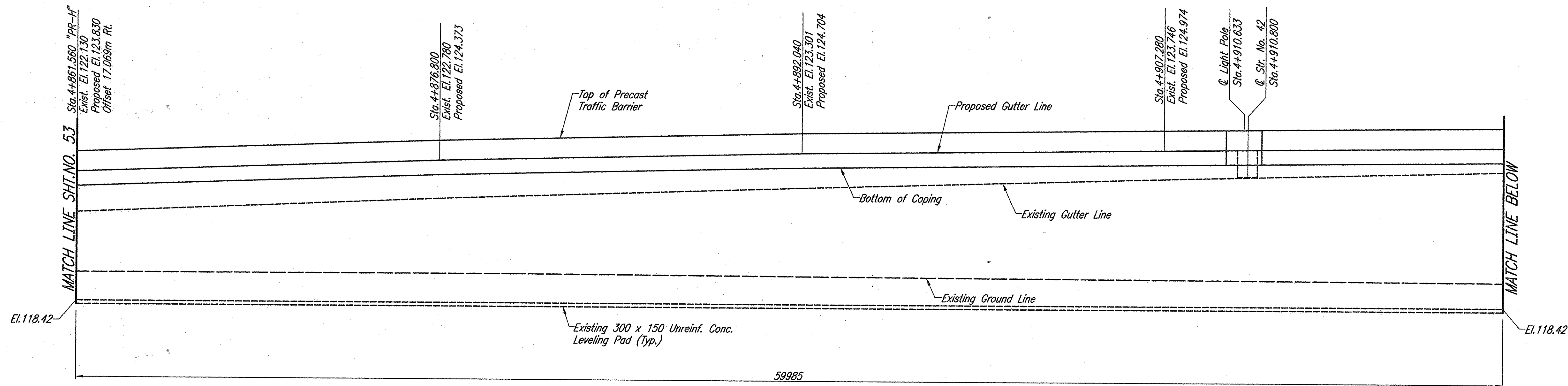
RECOMMENDED FOR APPROVAL: *[Signature]* 10/8/01
 DESIGN ENGINEER DATE
 DESIGNED: CMS DRAWN: DAM
 CHECKED: MWC CHECKED: CMS

INDIANA DEPARTMENT OF TRANSPORTATION
RETAINING WALL DETAILS

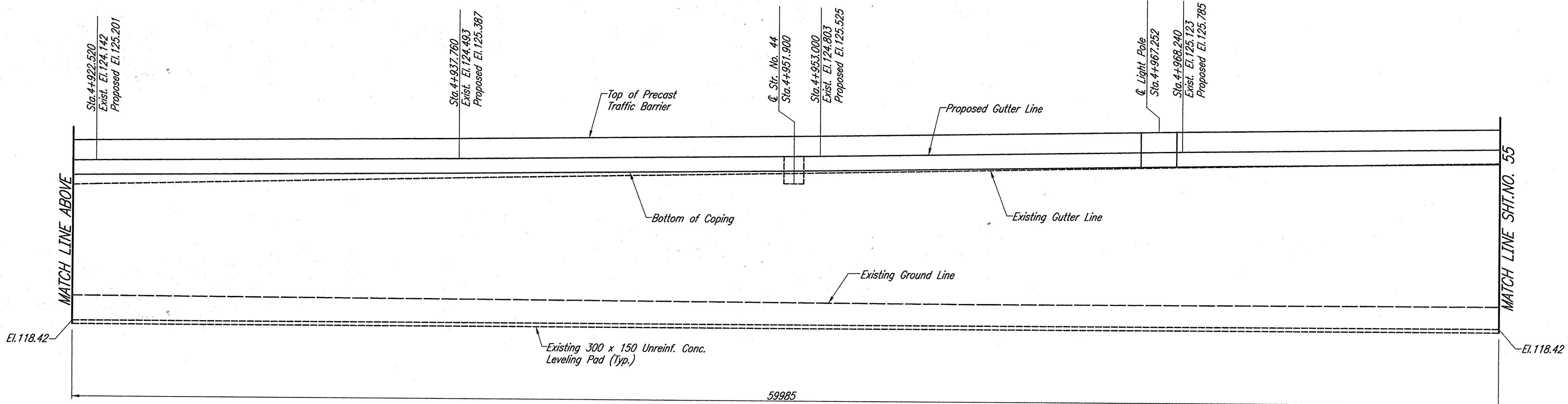
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1:100	
VERTICAL SCALE	DESIGNATION
1:100	9223010
DRAWING NO.	SHEETS
	53 of 147
CONTRACT	PROJECT
R-24951	NH-006-4 (047)

\\homedrive\p\project\3307\bridge\Plans\Retaining Walls\3307070m.dwg Mon Oct 08 13:56:03 2001 CTR

3307871M



ELEVATION - FRONT FACE - WALL 1



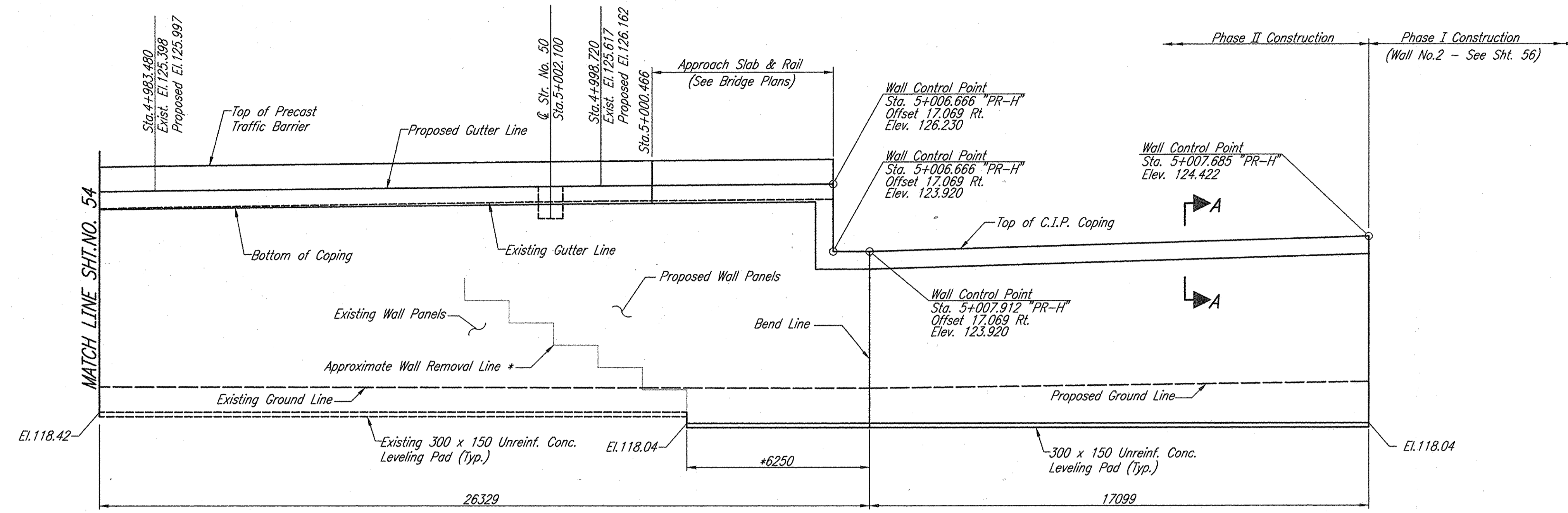
ELEVATION - FRONT FACE - WALL 1

Notes:
 For Plan View of Wall No. 1 Locations, See Shts. 31, 33 & 35
 For Barrier and Coping Details, See Shts. 65, 66 & 66A
 For Additional Details, See Shts. 64, 65, 66 & 66A

		RECOMMENDED FOR APPROVAL	 DESIGN ENGINEER	10/8/07 DATE	INDIANA DEPARTMENT OF TRANSPORTATION RETAINING WALL DETAILS	HORIZONTAL SCALE	BRIDGE FILE
		DESIGNED: CMS	DRAWN: DAM	VERTICAL SCALE		DESIGNATION	
		CHECKED: MWC	CHECKED: CMS			1:100	9223010
						1:100	
						DRAWING NO.	SHEETS
						R-24951	54 of 147
						CONTRACT	PROJECT
							NH-006-4 (047)

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3307072M



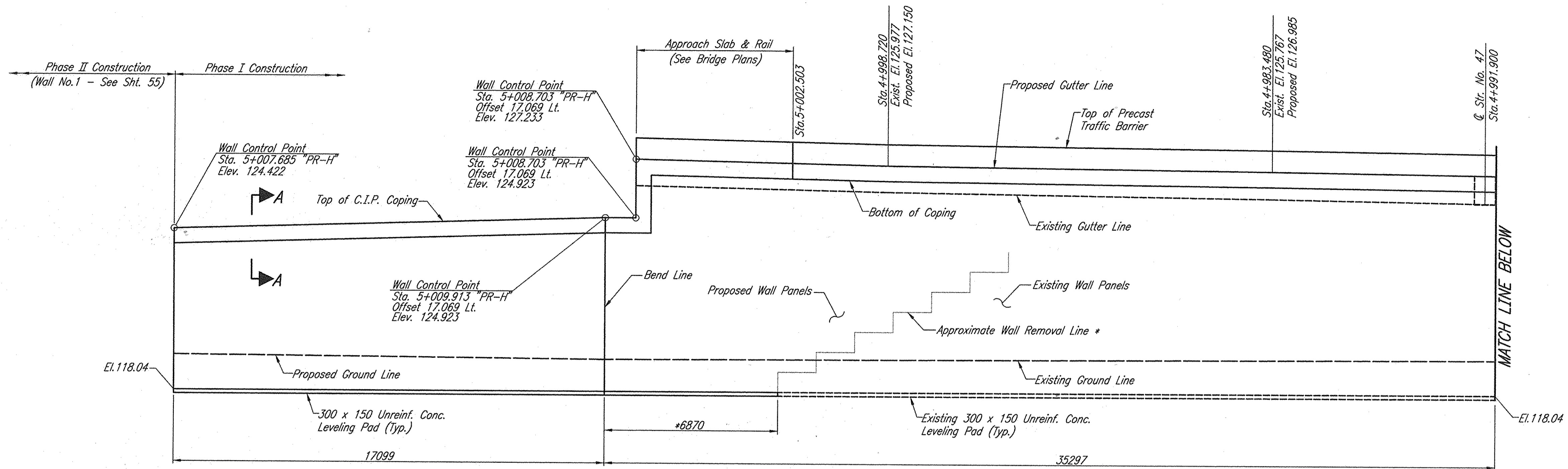
ELEVATION - FRONT FACE - WALL 1

*Actual Removal Limits to be Determined by the MSE Wall Manufacturer.

ESTIMATE OF QUANTITIES	
Face Panels, Concrete	480 m ²
Face Panels, Remove	164 m ²
Face Panels, Remove and Reset	478 m ²
Wall Erection	480 m ²
Leveling Pad, Concrete	23.3 m

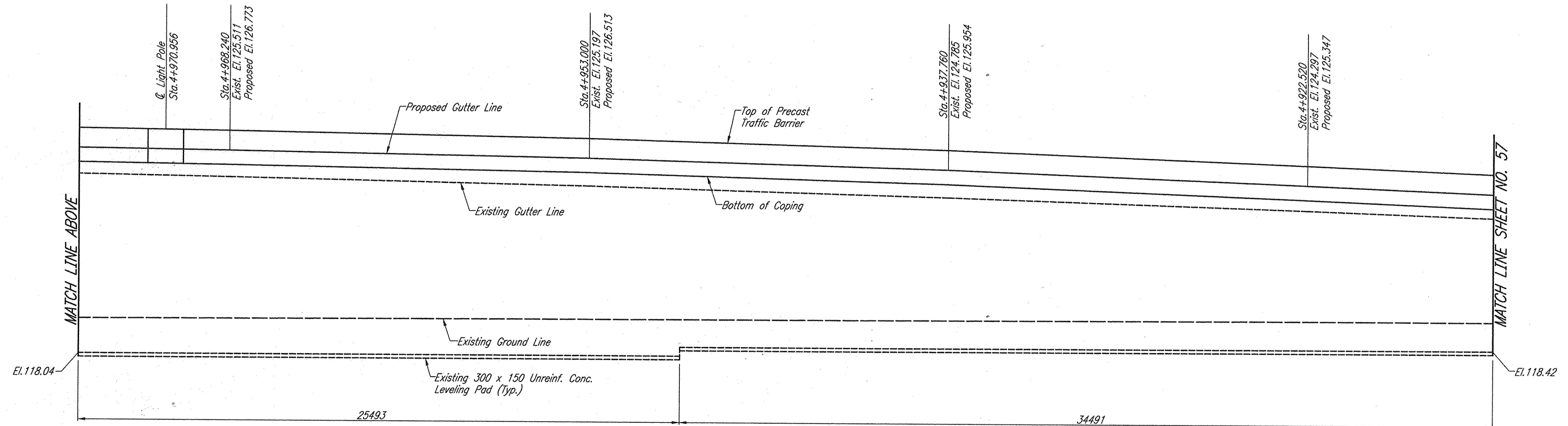
Notes:
 For Plan View of Wall No. 1 Locations, See Shts. 31, 33 & 35
 For Wall Removal Details, See Sht. 64
 For Barrier and Coping Details, See Shts. 65, 66 & 66A
 For Section A-A and Additional Details, See Shts. 64, 65, 66 & 66A
 Net Allowable Bearing Pressure = 268 kPa

	RECOMMENDED FOR APPROVAL: <i>[Signature]</i> 4/15/02 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION RETAINING WALL DETAILS	HORIZONTAL SCALE 1:100	BRIDGE FILE
	DESIGNED: CMS DRAWN: DAM		VERTICAL SCALE 1:100	DESIGNATION 9223010
	CHECKED: MWC CHECKED: CMS		DRAWING NO.	SHEETS 55 of 147
			CONTRACT R-24951	PROJECT NH-006-4 (047)



ELEVATION - FRONT FACE - WALL 2

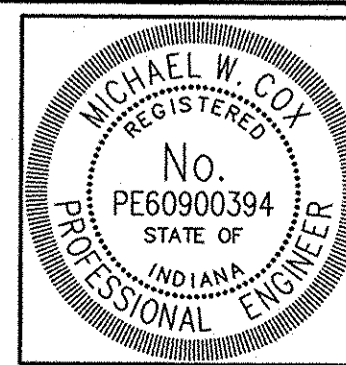
*Actual Removal Limits to be Determined by the MSE Wall Manufacturer.



ELEVATION - FRONT FACE - WALL 2

Notes:
 For Plan View of Wall No. 2 Locations, See Shts. 33 & 35
 For Wall Removal Details, See Sht. 64
 For Barrier and Coping Details, See Shts. 65, 66 & 66A
 For Section A-A and Additional Details, See Shts. 64, 65, 66 & 66A
 Net Allowable Bearing Pressure = 268 kPa

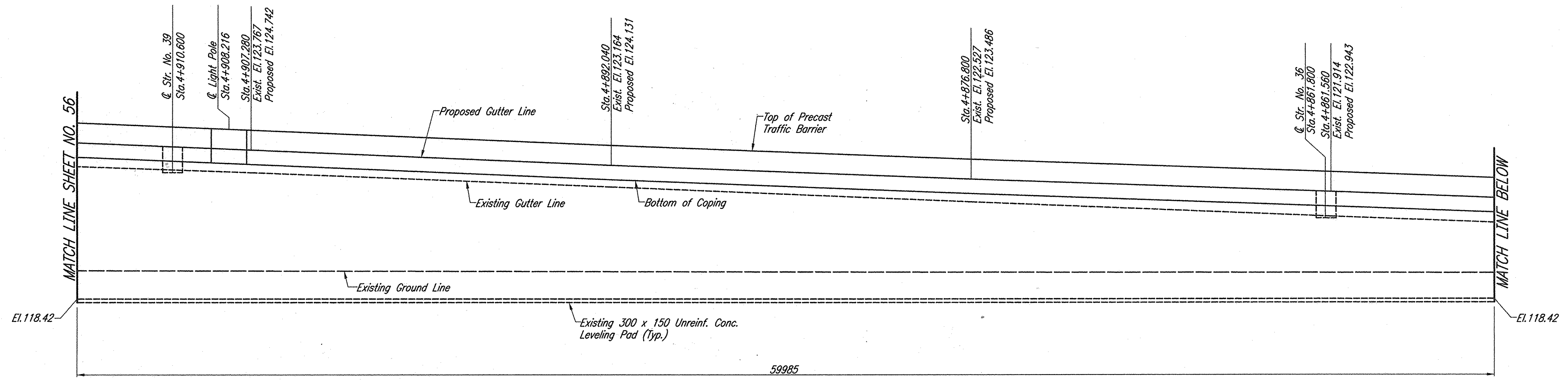
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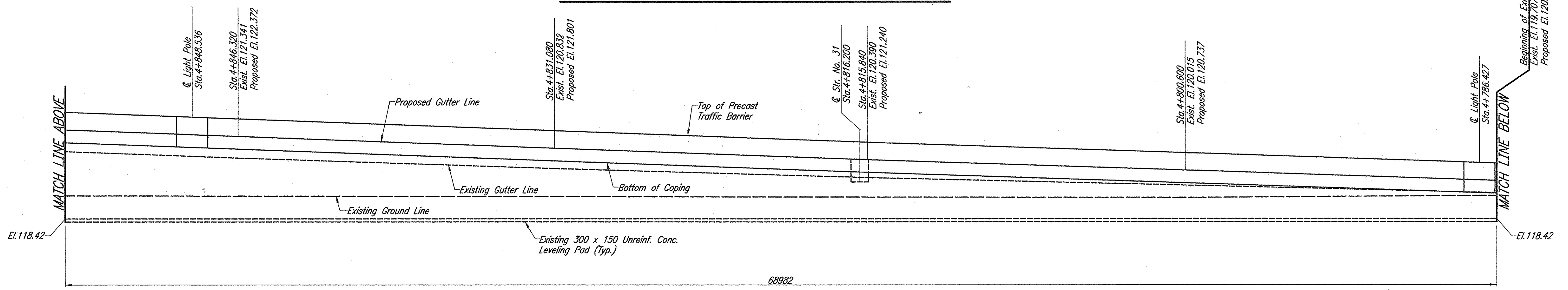
RECOMMENDED FOR APPROVAL	<i>Michael W. Coy</i> 4/15/02 DESIGN ENGINEER DATE
DESIGNED: CMS	DRAWN: DAM
CHECKED: MWC	CHECKED: CMS

INDIANA DEPARTMENT OF TRANSPORTATION	
RETAINING WALL DETAILS	

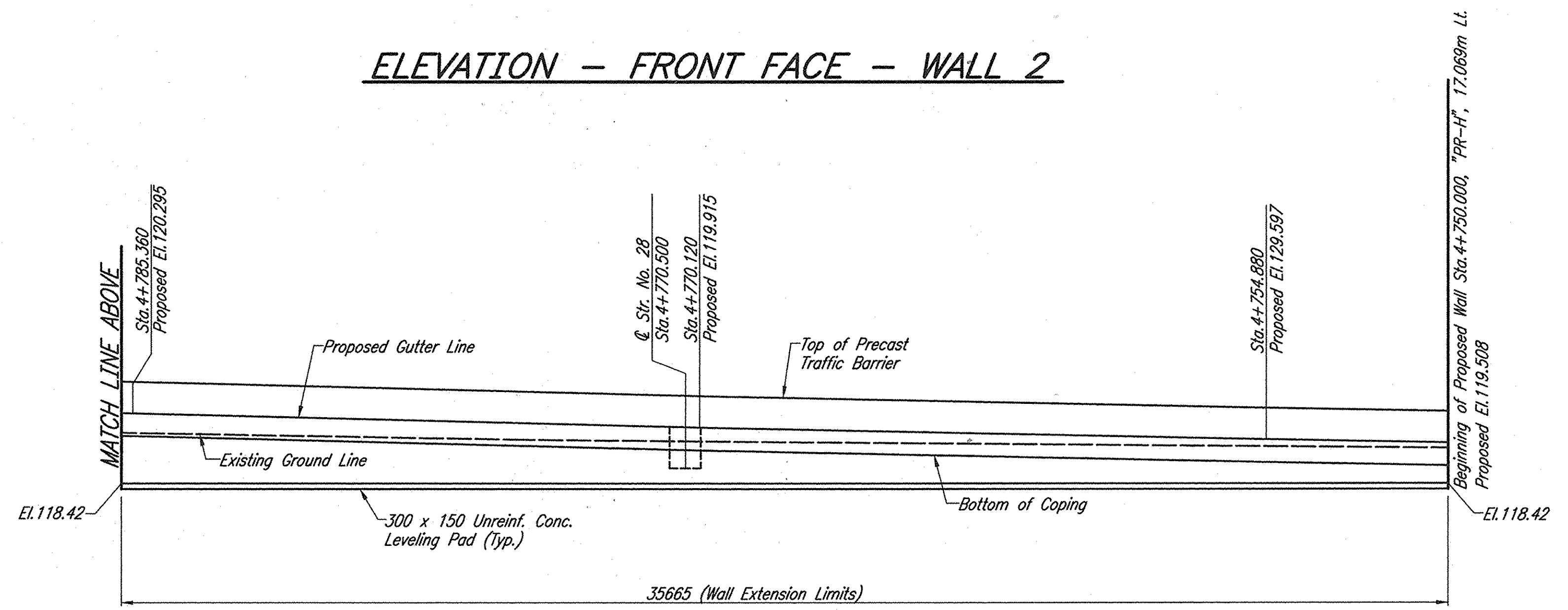
HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
1:100	9223010
DRAWING NO.	SHEETS
	56 of 147
CONTRACT	PROJECT
R-24951	NH-006-4 (047)



ELEVATION - FRONT FACE - WALL 2



ELEVATION - FRONT FACE - WALL 2



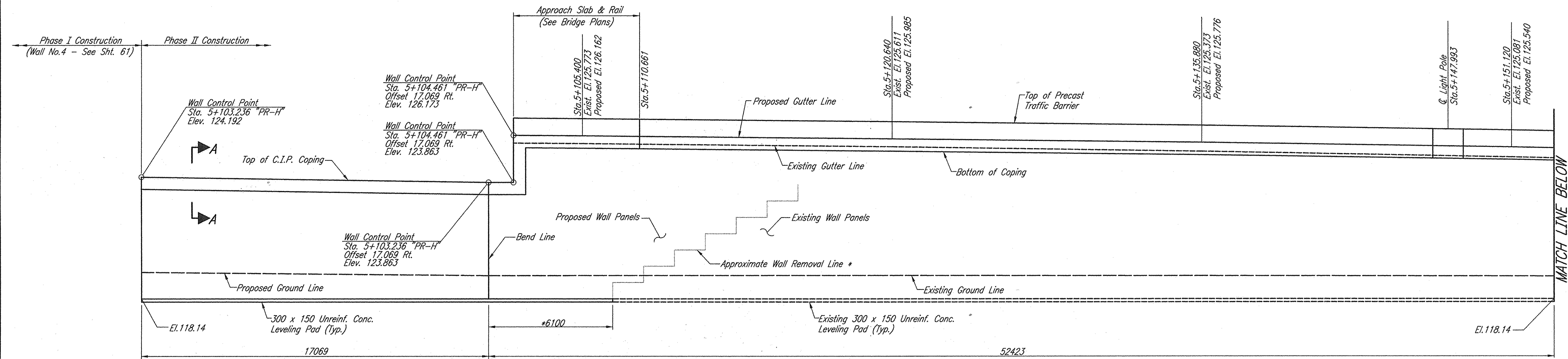
ELEVATION - FRONT FACE - WALL 2

ESTIMATE OF QUANTITIES	
Face Panels, Concrete	265 m ²
Face Panels, Remove	125 m ²
Face Panels, Remove and Reset	435 m ²
Wall Erection	265 m ²
Leveling Pad, Concrete	60.0 m

Notes:
 For Plan View of Wall No. 2 Locations, See Shts. 33 & 35
 For Barrier and Coping Details, See Shts. 65, 66 & 66A
 For Additional Details, See Shts. 64, 65, 66 & 66A

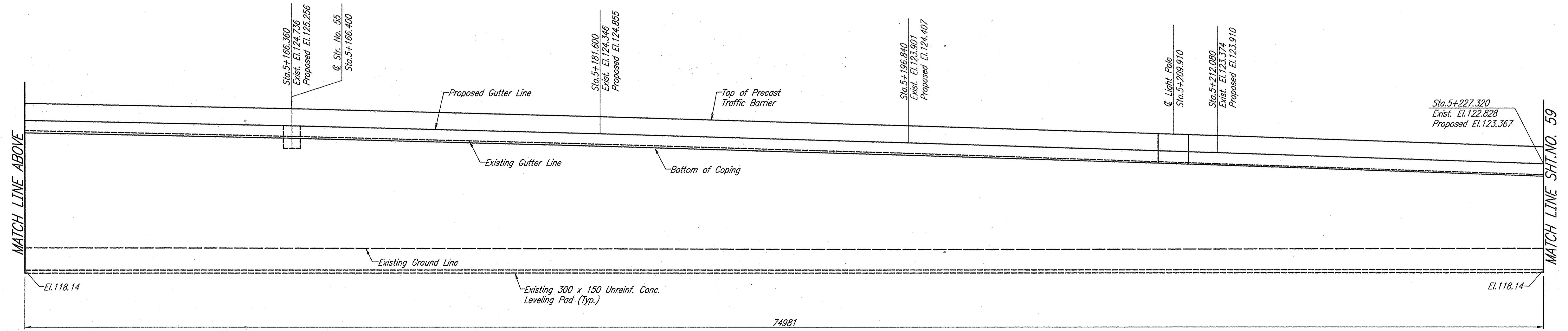
	RECOMMENDED FOR APPROVAL: <i>Michael W. Cox</i> 10/3/01 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION RETAINING WALL DETAILS	HORIZONTAL SCALE: 1:100	BRIDGE FILE
	DESIGNED: CMS CHECKED: MWC		DRAWN: DAM CHECKED: CMS	VERTICAL SCALE: 1:100 DESIGNATION: 9223010

3307875M



*Actual Removal Limits to be Determined by the MSE Wall Manufacturer.

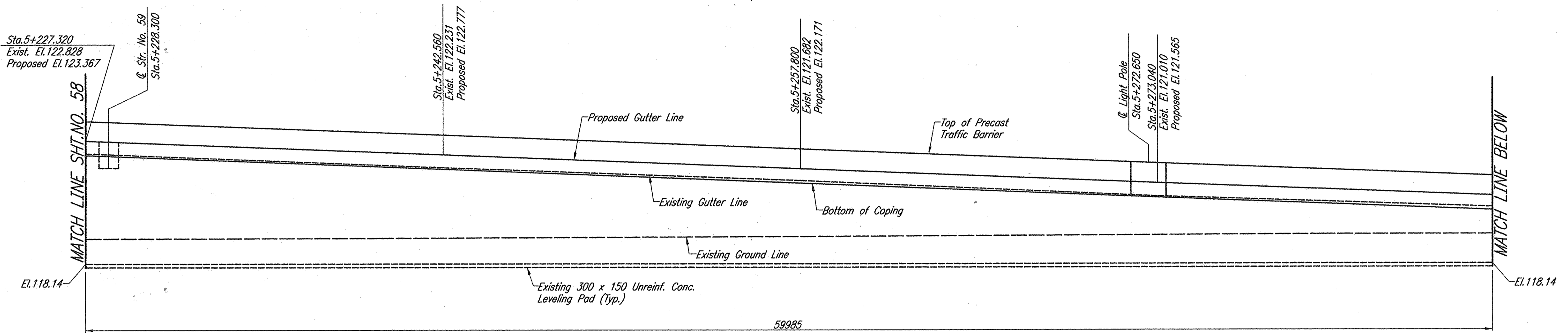
ELEVATION - FRONT FACE - WALL 3



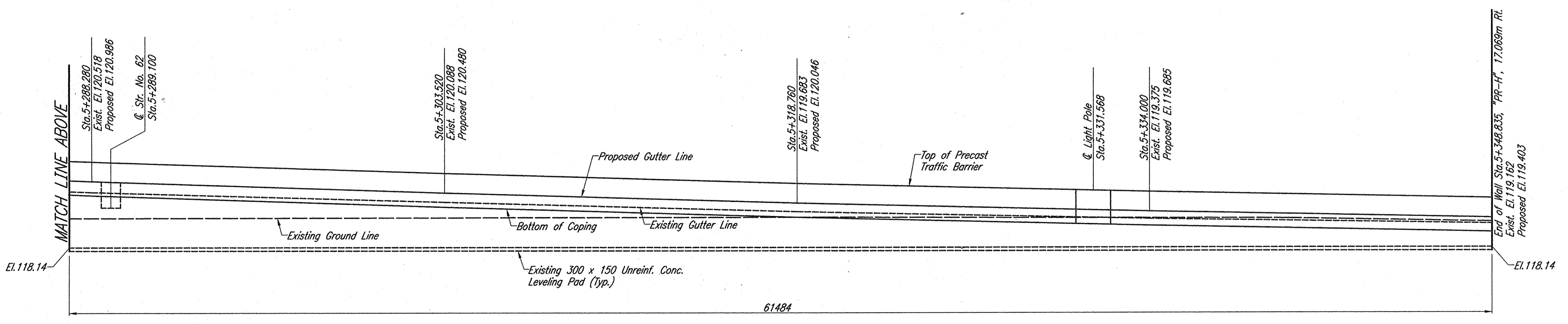
ELEVATION - FRONT FACE - WALL 3

Notes:
For Plan View of Wall No. 3 Locations, See Shts. 35 & 37
For Wall Removal Details, See Sht. 64
For Barrier and Coping Details, See Shts. 65, 66 & 66A
For Additional Details, See Shts. 64, 65, 66 & 66A
Net Allowable Bearing Pressure = 268 kPa

	RECOMMENDED FOR APPROVAL	 DESIGN ENGINEER DATE 4/15/02	INDIANA DEPARTMENT OF TRANSPORTATION RETAINING WALL DETAILS	HORIZONTAL SCALE	BRIDGE FILE
	DESIGNED: CMS	DRAWN: DAM		1:100	
	CHECKED: MWC	CHECKED: CMS		VERTICAL SCALE	DESIGNATION
				1:100	9223010
				DRAWING NO.	SHEETS
				CONTRACT	58 of 147
				R-24951	PROJECT
					NH-006-4 (047)



ELEVATION - FRONT FACE - WALL 3

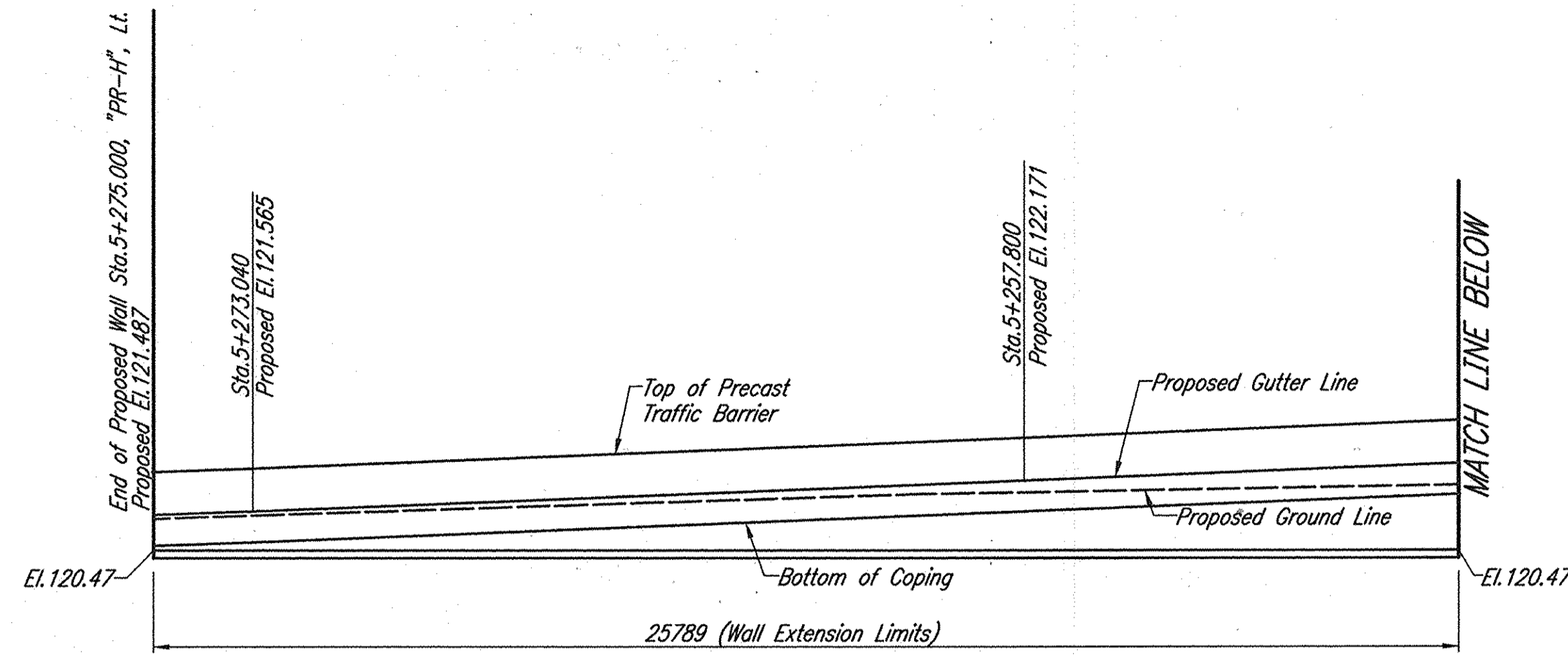


ELEVATION - FRONT FACE - WALL 3

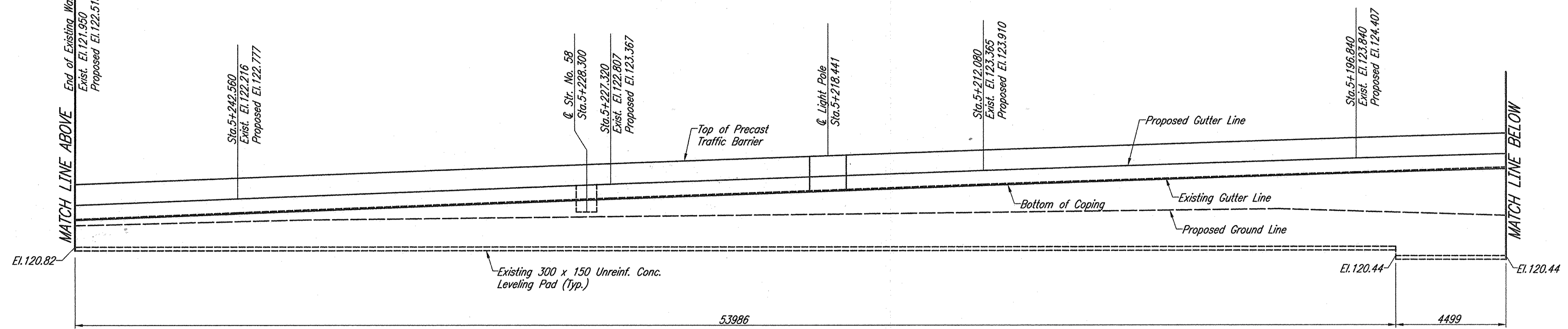
ESTIMATE OF QUANTITIES	
Face Panels, Concrete	286 m ²
Face Panels, Remove	135 m ²
Face Panels, Remove and Reset	434 m ²
Wall Erection	286 m ²
Leveling Pad, Concrete	23.2 m ²

Notes:
 For Plan View of Wall No. 3 Locations, See Shts. 35 & 37
 For Barrier and Coping Details, See Shts. 65, 66 & 66A
 For Additional Details, See Shts. 64, 65, 66 & 66A

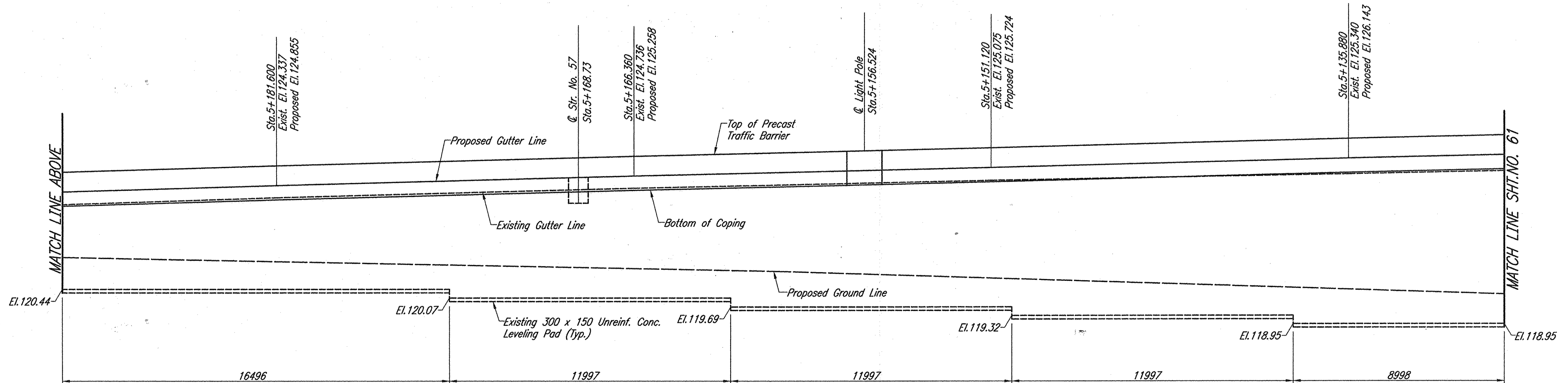
		RECOMMENDED FOR APPROVAL DESIGN ENGINEER DATE 10/8/01	INDIANA DEPARTMENT OF TRANSPORTATION RETAINING WALL DETAILS	HORIZONTAL SCALE 1:100 BRIDGE FILE
		DESIGNED: CMS CHECKED: MWC	DRAWN: DAM CHECKED: CMS	VERTICAL SCALE 1:100 DESIGNATION 9223010
				DRAWING NO. CONTRACT R-24951
				SHEETS 59 of 147 PROJECT NH-006-4 (047)



ELEVATION - FRONT FACE - WALL 4

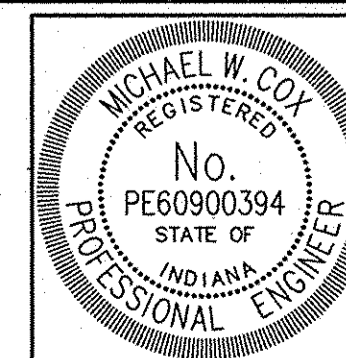


ELEVATION - FRONT FACE - WALL 4



ELEVATION - FRONT FACE - WALL 4

Notes:
 For Plan View of Wall No. 4 Locations, See Shts. 35 & 37
 For Barrier and Coping Details, See Shts. 65, 66 & 66A
 For Additional Details, See Shts. 64, 65, 66 & 66A

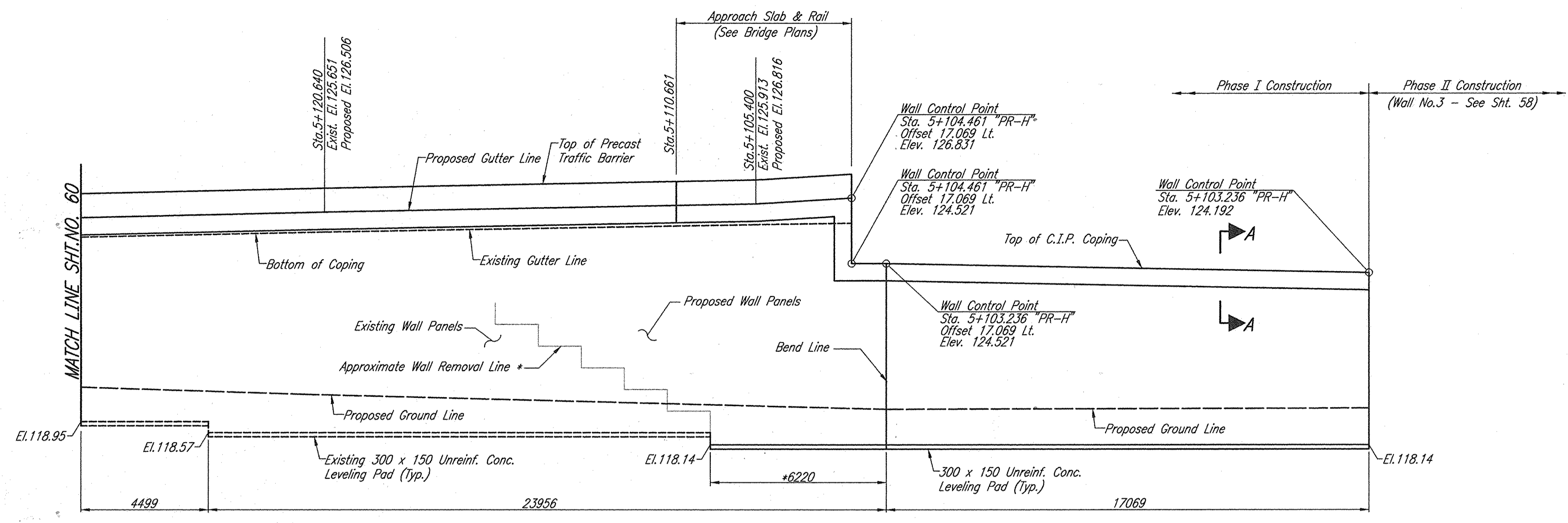


RECOMMENDED FOR APPROVAL: *Michael W. Cox* 10/21/01
 DESIGN ENGINEER DATE
 DESIGNED: CMS DRAWN: DAM
 CHECKED: MWC CHECKED: CMS

INDIANA DEPARTMENT OF TRANSPORTATION

RETAINING WALL DETAILS

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
DRAWING NO.	SHEETS 60 of 147
CONTRACT R-24951	PROJECT NH-006-4 (047)



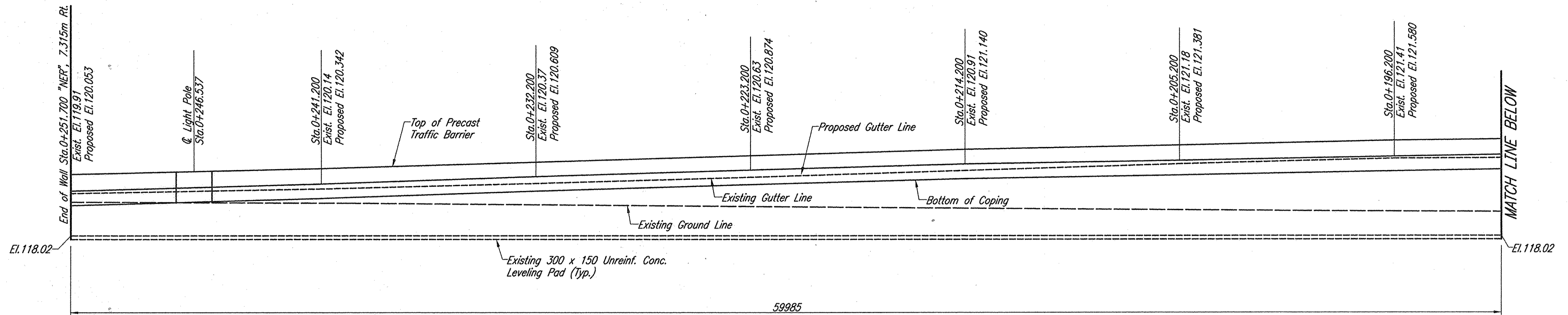
ELEVATION - FRONT FACE - WALL 4

*Actual Wall Removal Limits to be Determined by the MSE Wall Manufacturer.

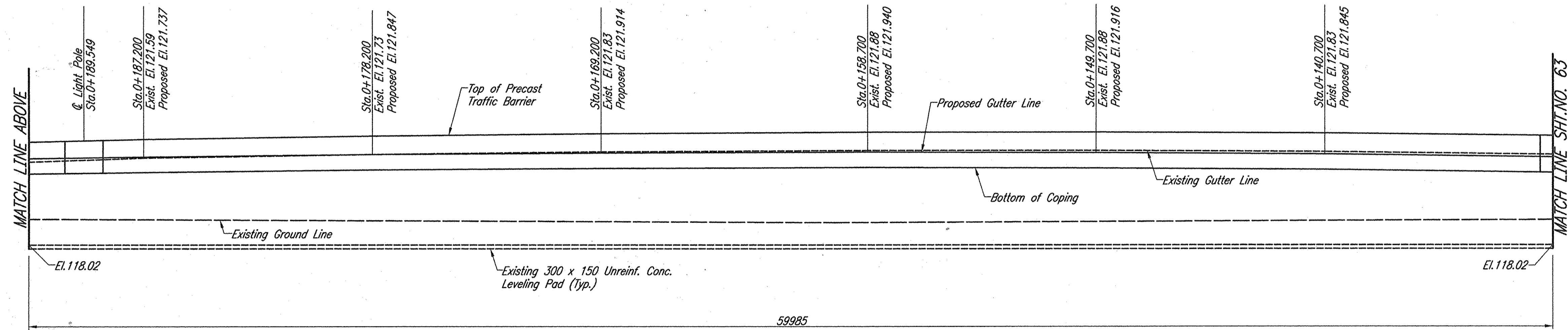
ESTIMATE OF QUANTITIES	
Face Panels, Concrete	320 m ²
Face Panels, Remove	90 m ²
Face Panels, Remove and Reset	305 m ²
Wall Erection	320 m ²
Leveling Pad, Concrete	49.1 m

Notes:
 For Plan View of Wall No. 4 Locations, See Shts. 35 & 37
 For Wall Removal Details, See Sht. 64
 For Barrier and Coping Details, See Shts. 65, 66 & 66A
 For Section A-A and Additional Details, See Shts. 64, 65, 66 & 66A
 Net Allowable Bearing Pressure = 268 kPa

	RECOMMENDED FOR APPROVAL <i>M.W. Cox</i> 4/15/02 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION RETAINING WALL DETAILS	HORIZONTAL SCALE 1:100	BRIDGE FILE	
	DESIGNED: CMS		DRAWN: DAM	VERTICAL SCALE 1:100	DESIGNATION 9223010
	CHECKED: MWC		CHECKED: CMS	DRAWING NO.	SHEETS 61 of 147
				CONTRACT R-24951	PROJECT NH-006-4 (047)

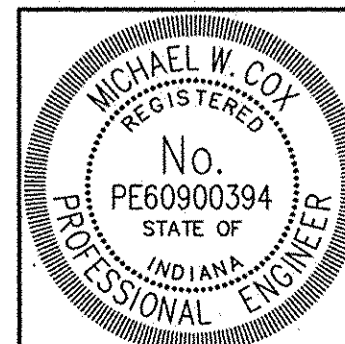


ELEVATION - FRONT FACE - WALL 5



ELEVATION - FRONT FACE - WALL 5

Notes:
For Plan View of Wall No. 5 Locations, See Shits. 35 & 37
For Barrier and Coping Details, See Shits. 65, 66 & 66A

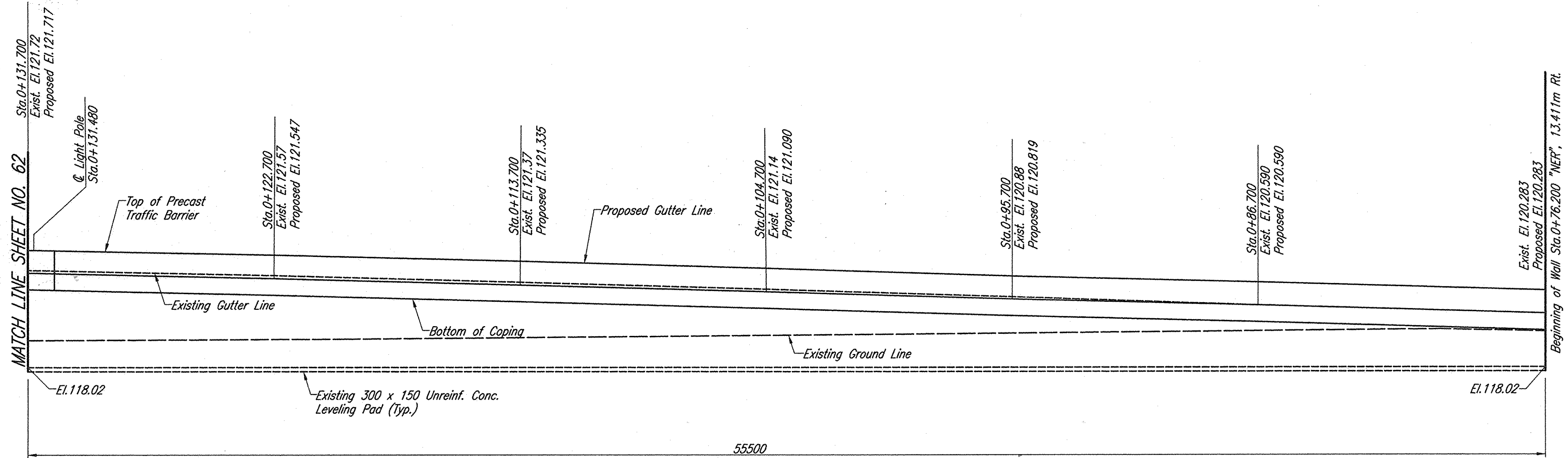


RECOMMENDED FOR APPROVAL: *Michael W. Cox* 10/2/04
DESIGN ENGINEER DATE
DESIGNED: CMS DRAWN: TR
CHECKED: MWC CHECKED: CMS

INDIANA DEPARTMENT OF TRANSPORTATION
RETAINING WALL DETAILS

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
DRAWING NO.	SHEETS 62 of 147
CONTRACT R-24951	PROJECT NH-006-4 (047)

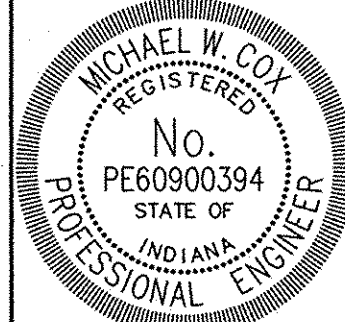
1307282P



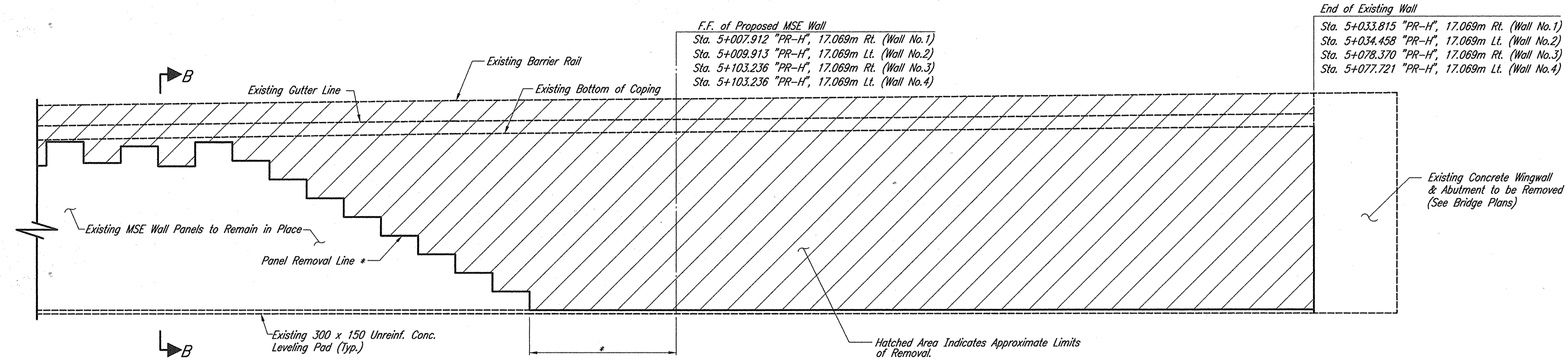
ELEVATION - FRONT FACE - WALL 5

ESTIMATE OF QUANTITIES	
Face Panels, Concrete	96 m ²
Face Panels, Remove	80 m ²
Wall Erection	96 m ²

Notes: For Plan View of Wall No. 5 Locations, See Shts. 35 & 37
For Barrier and Coping Details, See Shts. 63, 66 & 66A

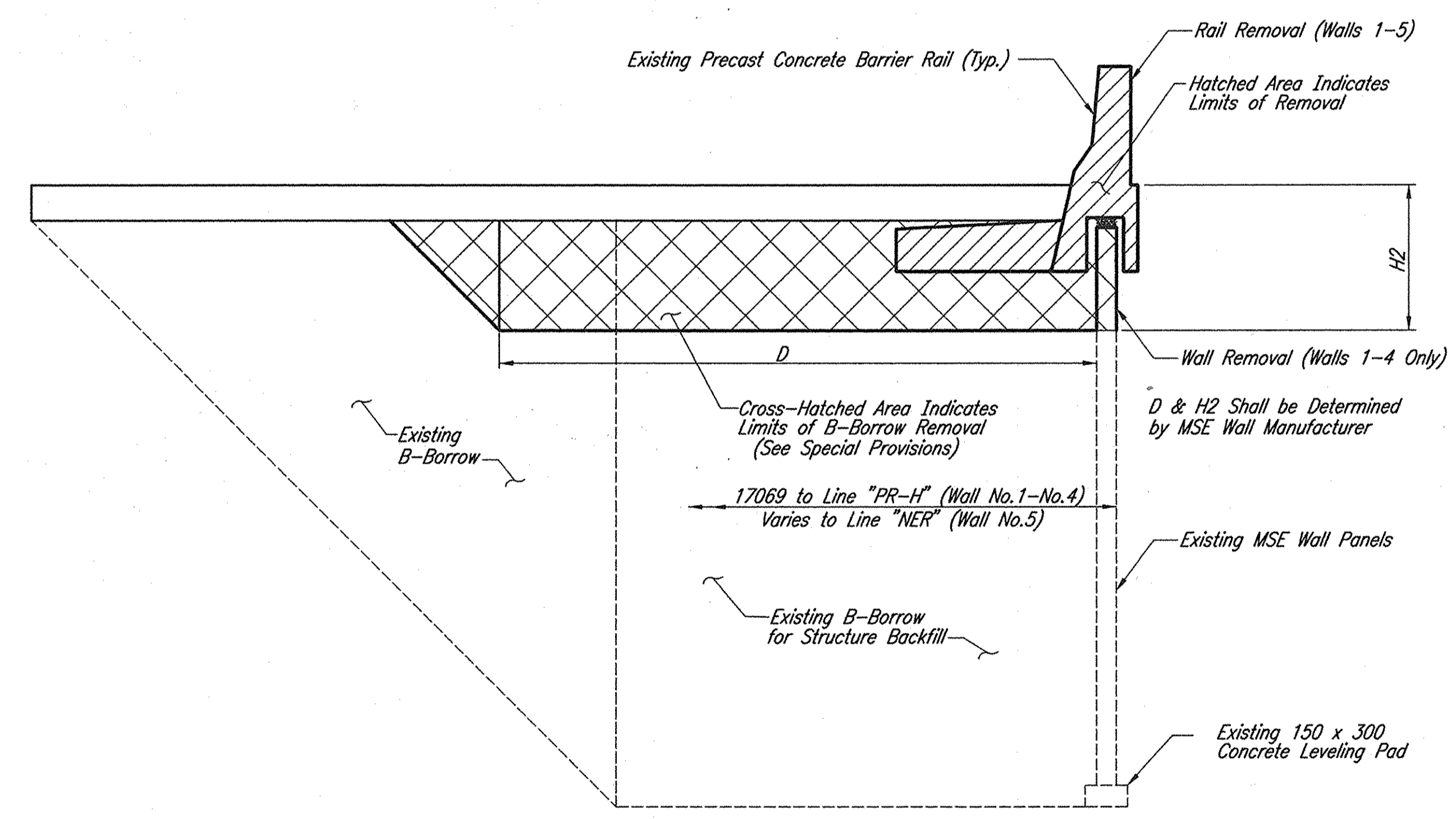
		RECOMMENDED FOR APPROVAL <i>M.W.Cox</i> 10/8/01 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1:100 BRIDGE FILE
		DESIGNED: CMS CHECKED: MWC	DRAWN: TR CHECKED: CMS	VERTICAL SCALE 1:100 DESIGNATION 9223010
RETAINING WALL DETAILS			DRAWING NO. CONTRACT R-24951	SHEETS 63 of 147 PROJECT NH-006-4 (047)

\\medanid\p\project\3307\bridge Plans\Retaining Walls\3307282P.dwg Mon Oct 08 03:57:48 2001 CHR



WALL REMOVAL LIMITS

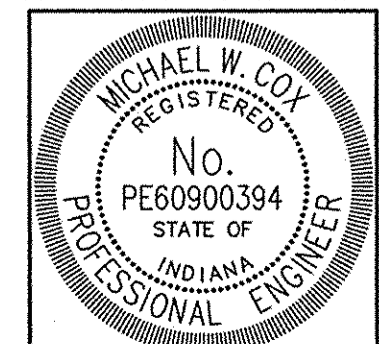
* Actual Removal Limits Shall be Determined by the MSE Wall Manufacturer.



SECTION B-B

Notes:
Plans for existing walls are on file in the Design Section at the Indiana Department of Transportation, as Project No.F-006-4(20), and are available upon request.

Where new work is to be fitted to the old work, the Contractor shall check and verify all dimensions, elevations and conditions in the field and report any errors or discrepancies to the Engineer and assume responsibility for their correctness and the fit of the new construction to the existing walls.

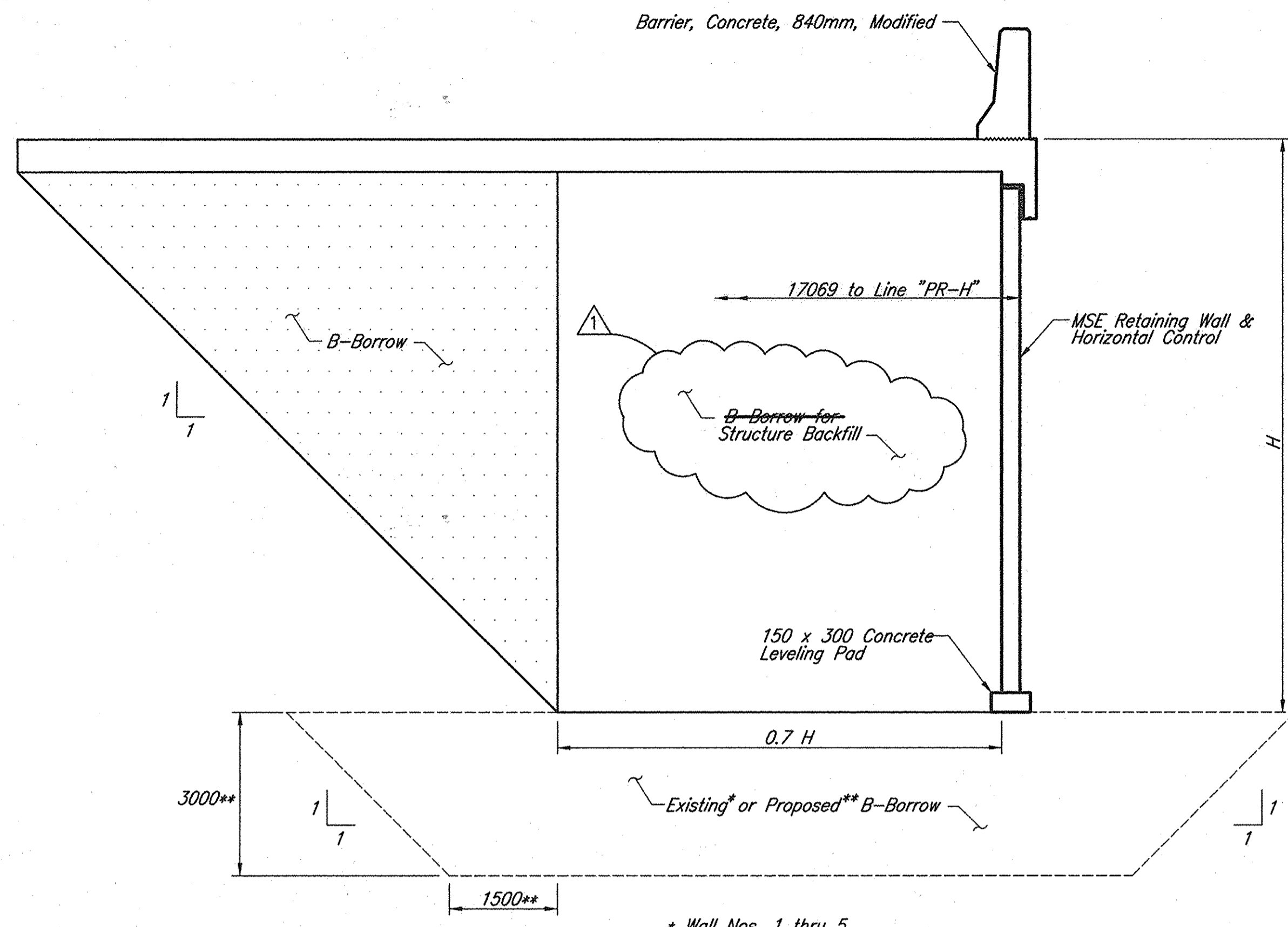


RECOMMENDED FOR APPROVAL	<i>Michael W. Cox</i> 10/8/01
DESIGNED: CMS	DRAWN: CMS
CHECKED: MWC	CHECKED: MWC

INDIANA DEPARTMENT OF TRANSPORTATION

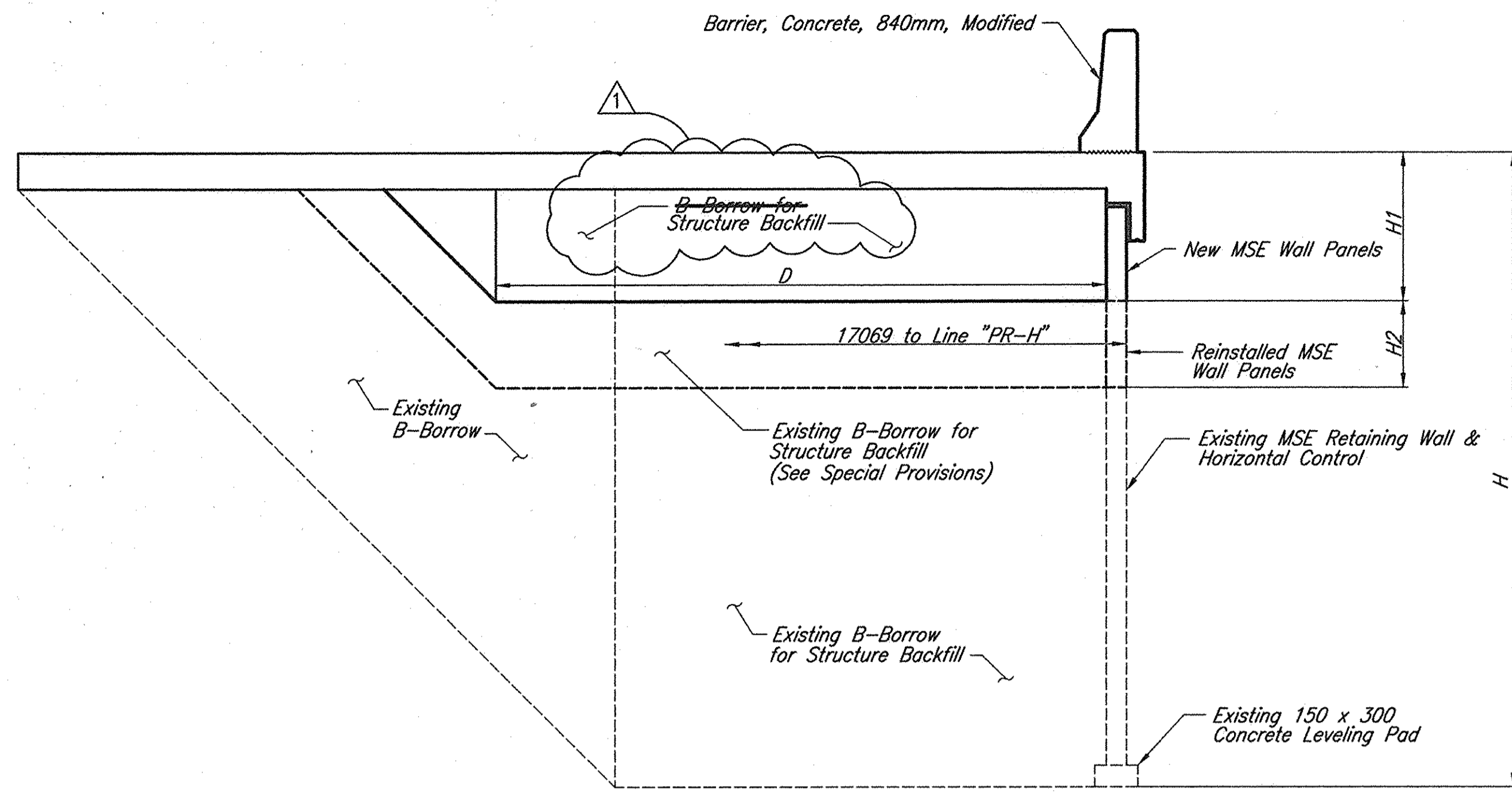
RETAINING WALL DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
1:100	9223010
DRAWING NO.	SHEETS
	64 of 147
CONTRACT	PROJECT
R-24951	NH-006-4 (047)



TYPICAL PROPOSED WALL SECTION
No Scale

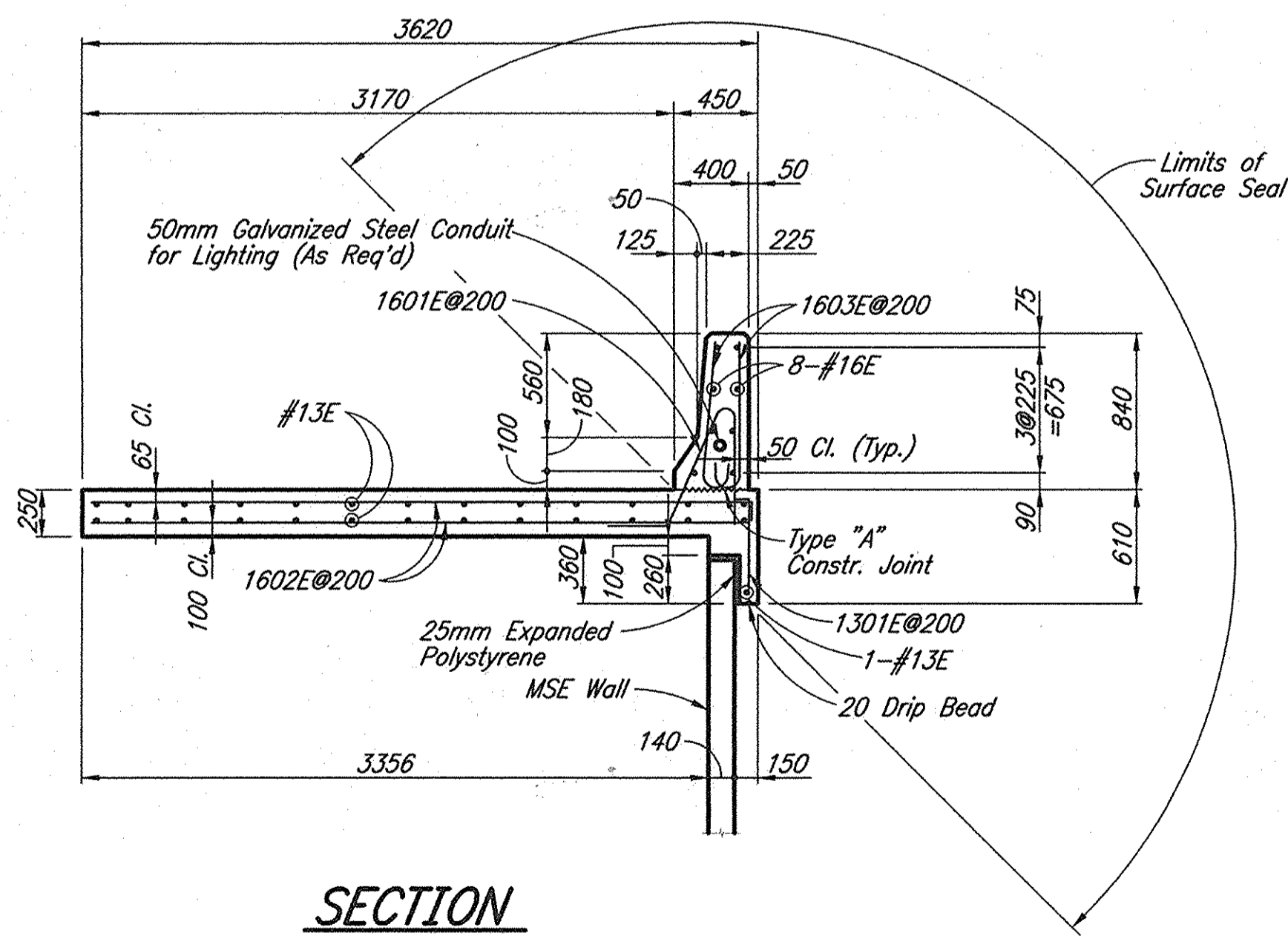
* Wall Nos. 1 thru 5
** Wall Nos. 2 and 4 Extensions



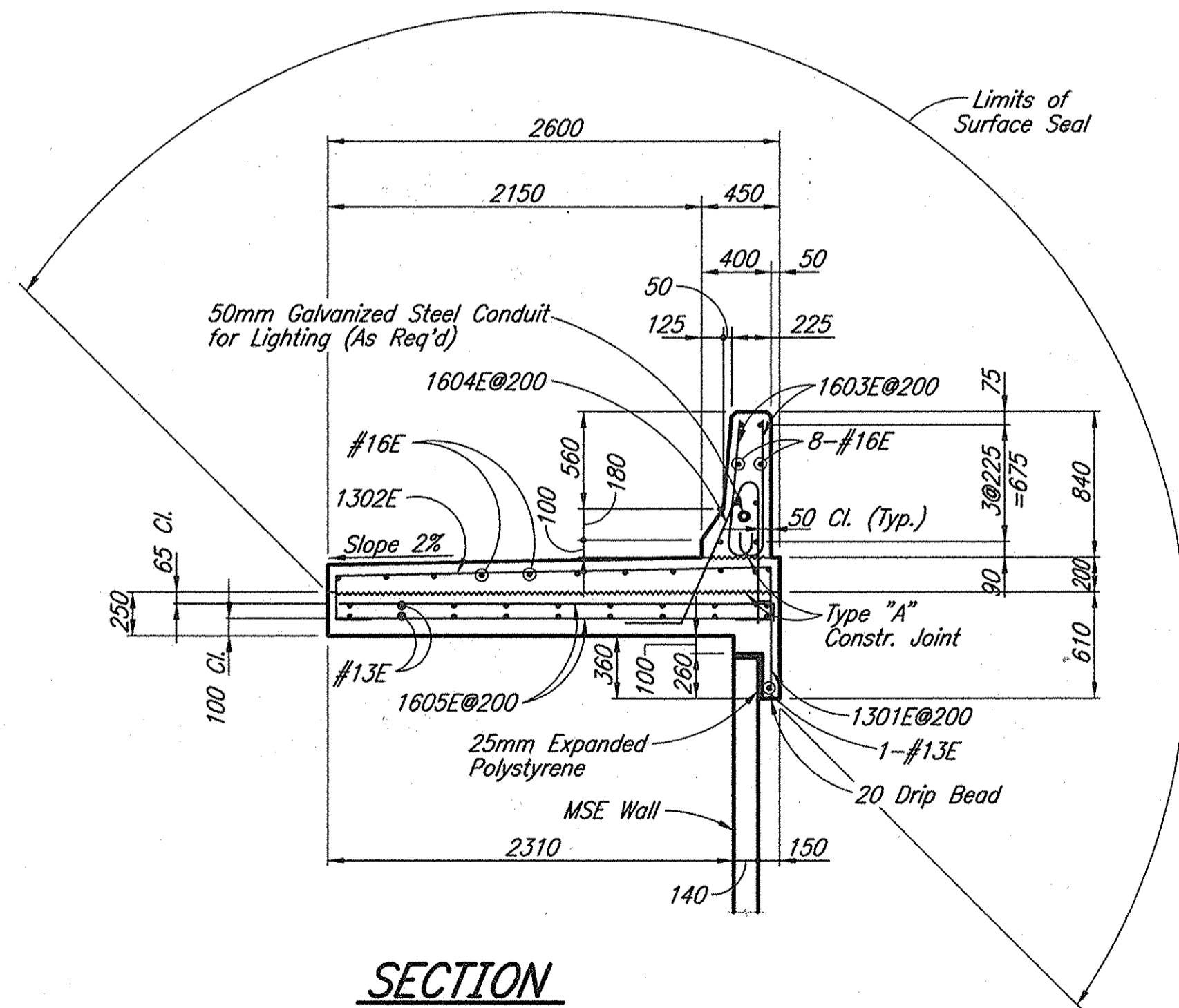
TYPICAL EXISTING WALL SECTION
No Scale

H1, H2 and D shall be Determined by MSE Wall Manufacturer
Minimum D shall not be less than 0.75H

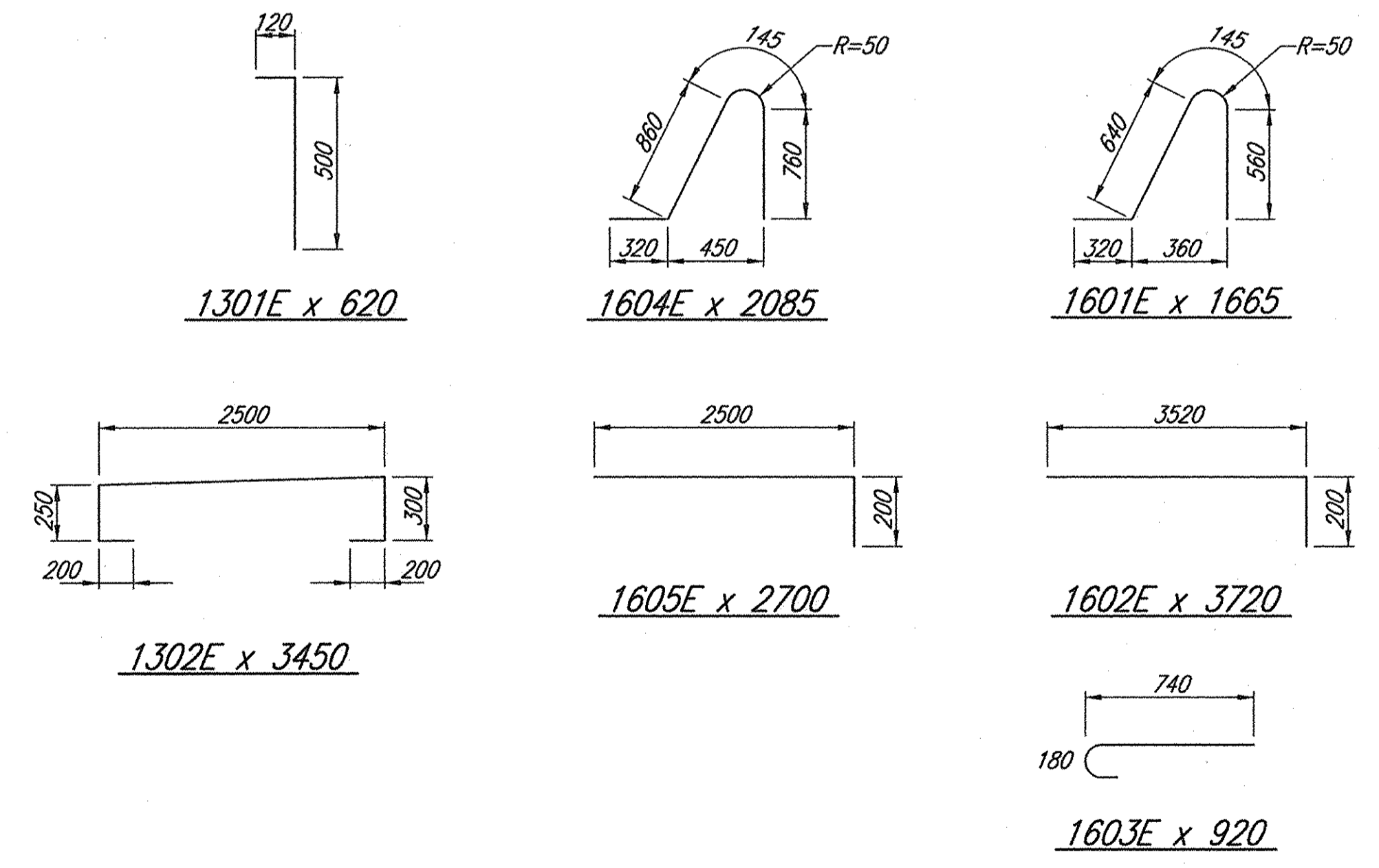
WALL No.	REINFORCED BARRIER WALL on MSE WALLS 840mm		LOCATION	BARRIER LENGTH	SURFACE SEAL		REINFORCED SHOULDER		
	BEGINNING STATION	ENDING STATION			m ² /m	Area	Width	Area	Depth mm
1	4+713.040	5+000.466	"PR-H" Rt.	287.4	2.6	747	3.17	911.1	250
2	4+750.000	5+002.503	"PR-H" Lt.	252.5	2.6	657	3.17	800.4	250
3	5+110.066	5+348.835	"PR-H" Rt.	241.4	2.6	628	3.17	756.9	250
4	5+110.066	5+275.000	"PR-H" Lt.	166.8	2.6	434	3.17	522.8	250
5	0+76.200	0+251.700	"NER" Rt.	175.5	5.1	895	2.0	351.0	250
TOTALS				1123.6		3361		3342.2	



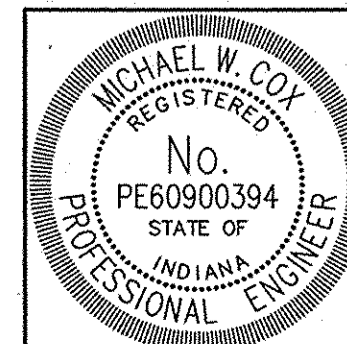
SECTION
(Wall Nos. 1, 2, 3 & 4)
Scale: 1:30



SECTION
(Wall No. 5)
Scale: 1:30



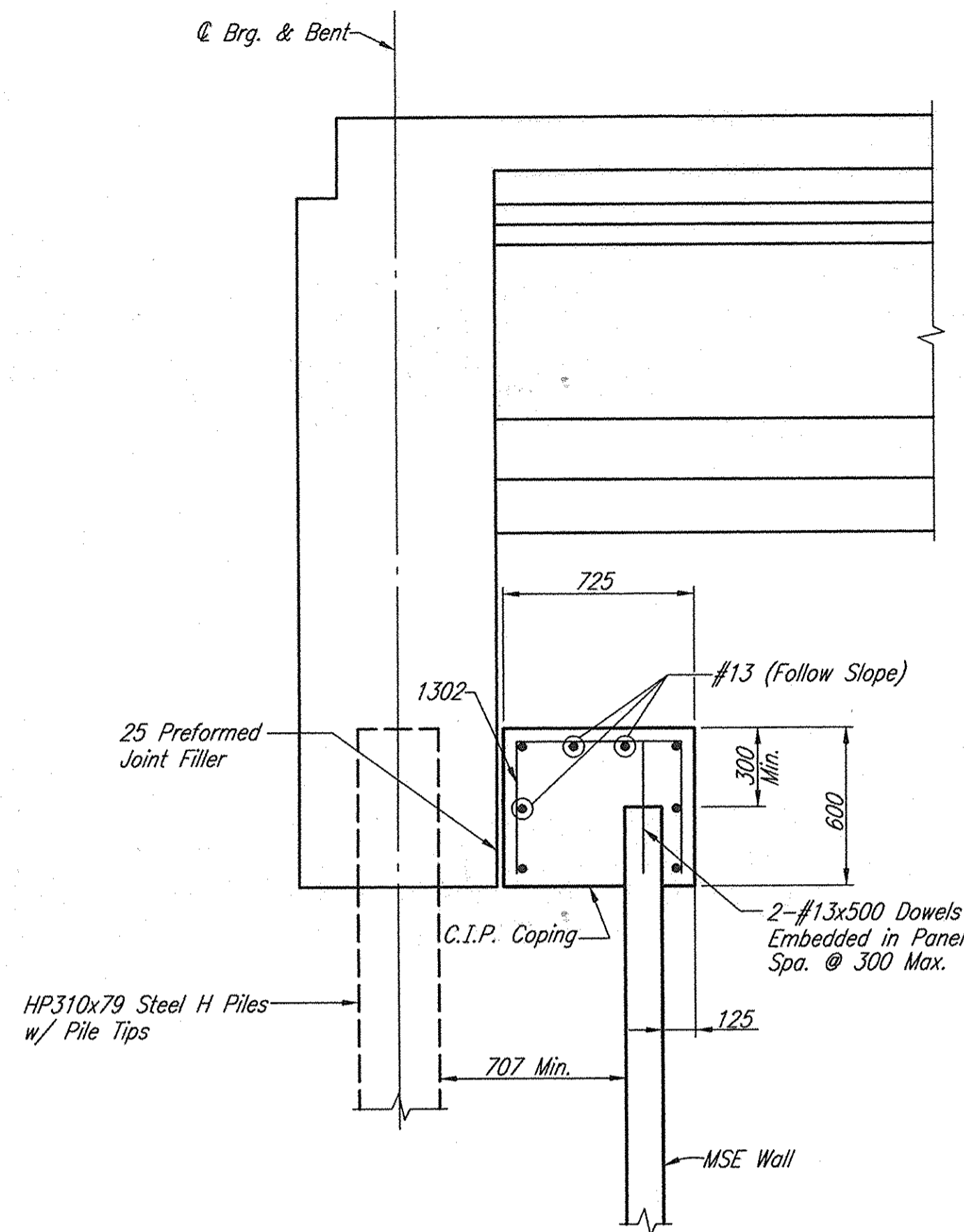
Notes:
For Additional Bridge Lighting Details, See Bridge Std. Dwg. No. 807-BLIT-01, 02 & 03
For Light Pole Locations, See Shts. 53 to 63
For Barrier Rail Joints, See Bridge Plans
Net Allowable Bearing Pressure = 268 kPa



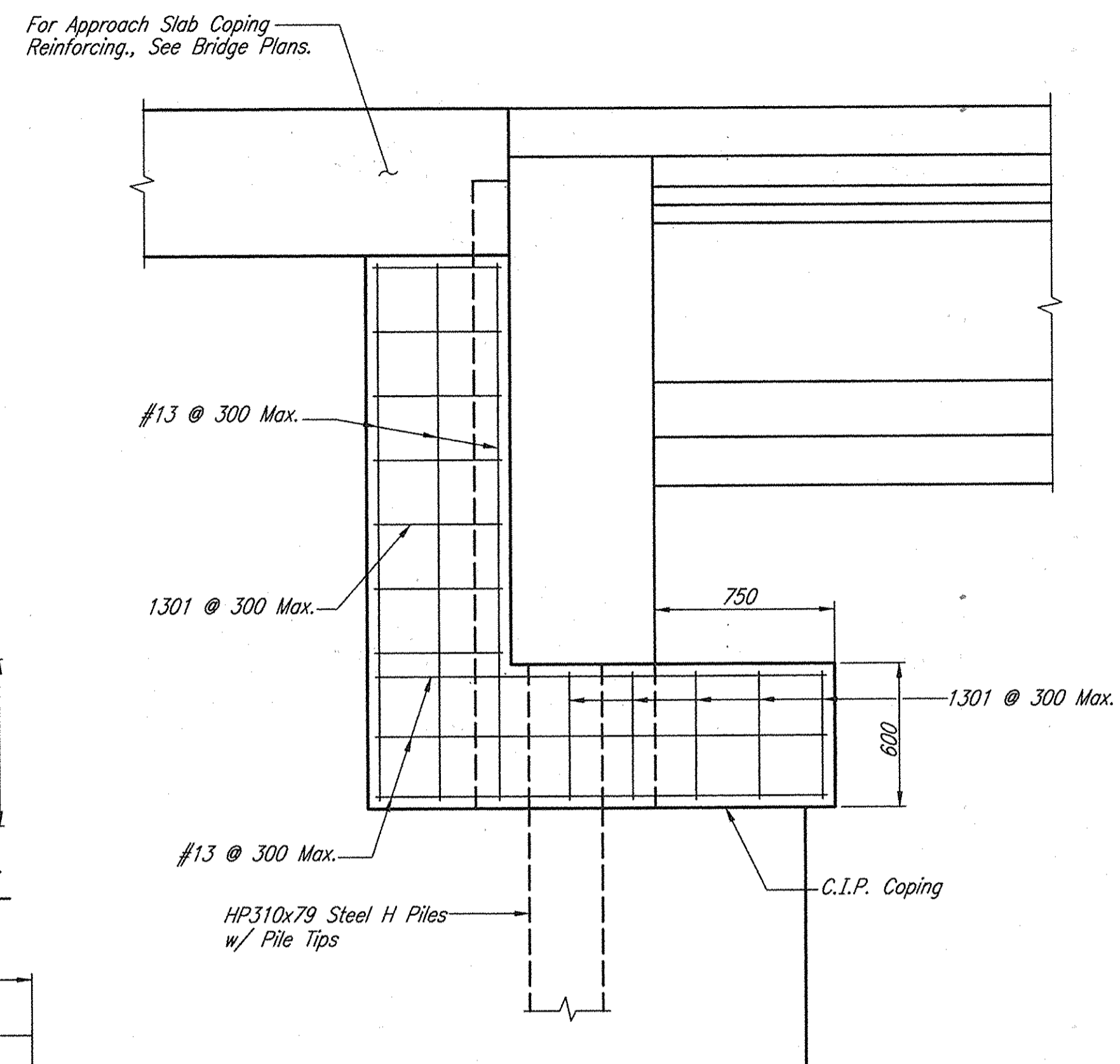
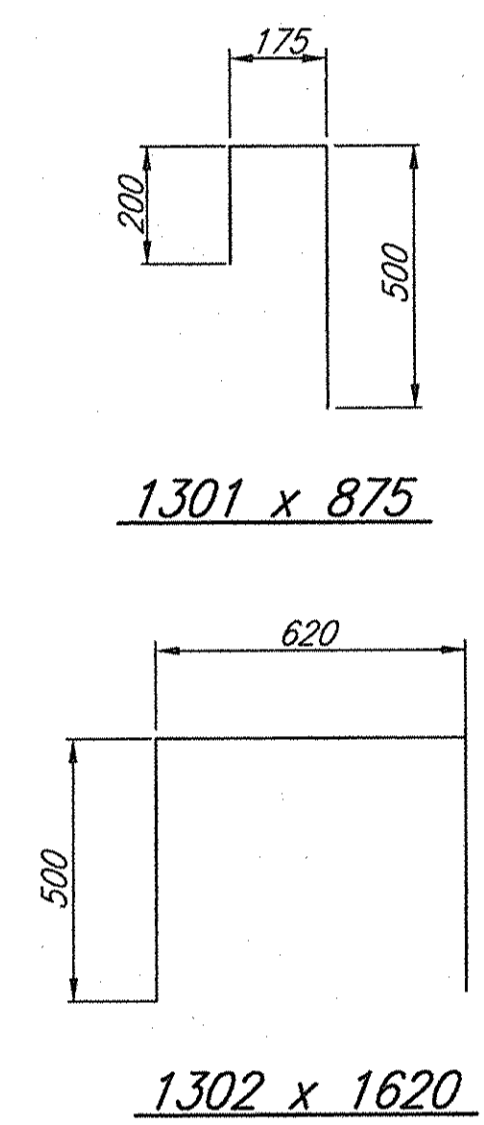
RECOMMENDED FOR APPROVAL: *Michael W. Cox* 9/12/02
DESIGN ENGINEER DATE
DESIGNED: CMS DRAWN: CMS
CHECKED: MWC CHECKED: MWC

INDIANA DEPARTMENT OF TRANSPORTATION
RETAINING WALL DETAILS

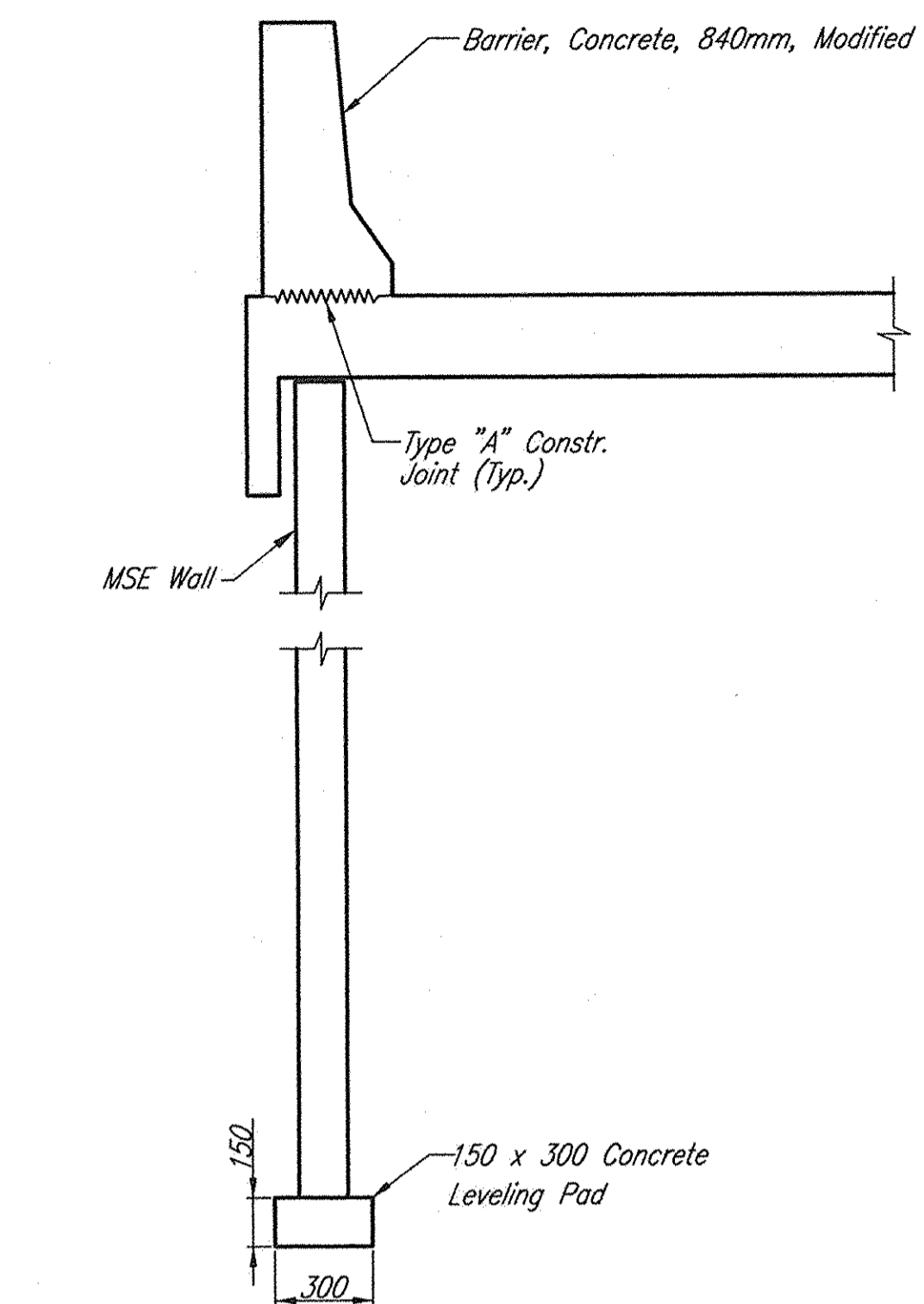
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	9223010
DRAWING NO.	SHEETS
	65 of 147
CONTRACT	PROJECT
R-24951	NH-006-4 (047)



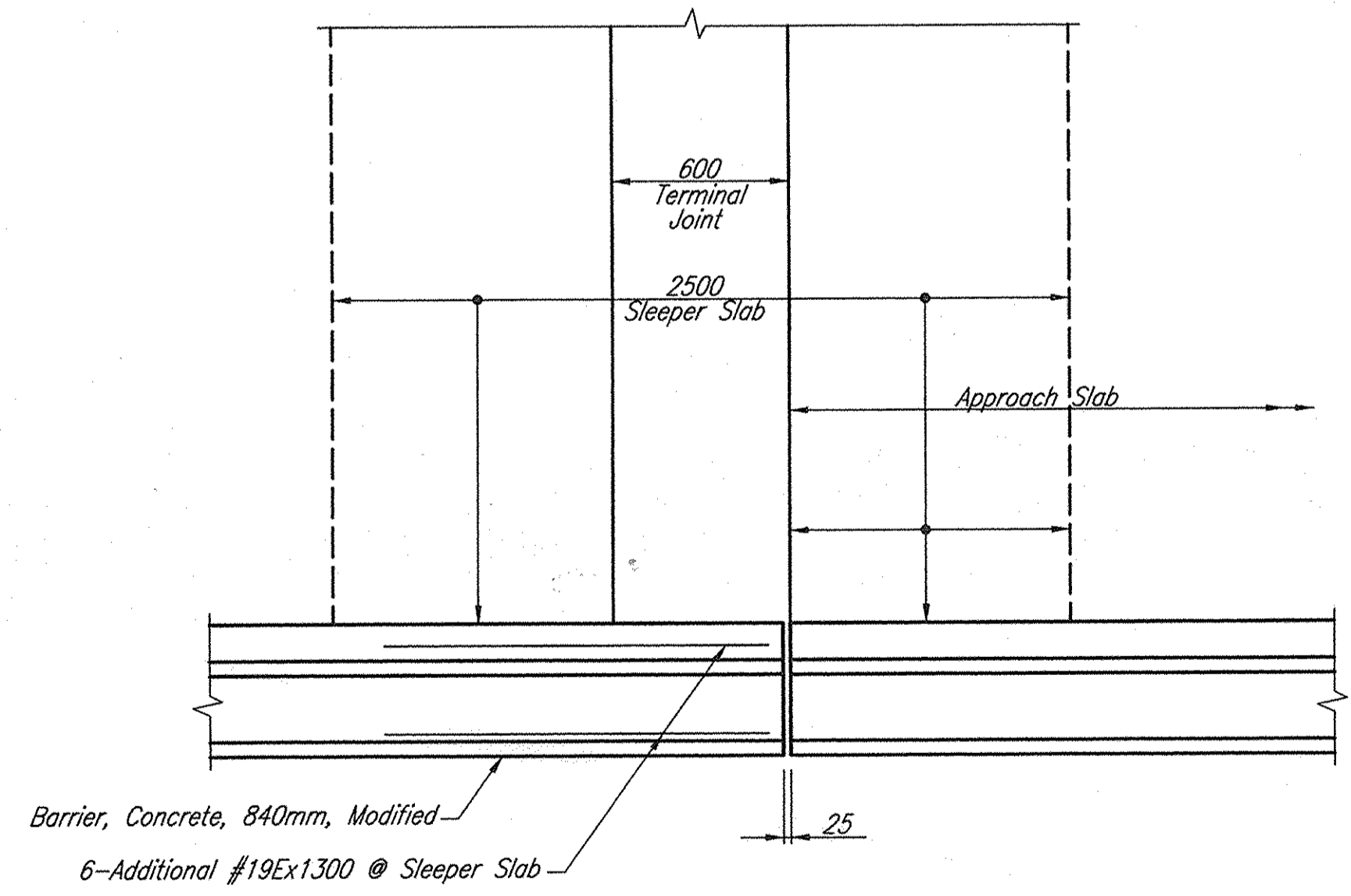
SECTION A-A
Scale: 1:20



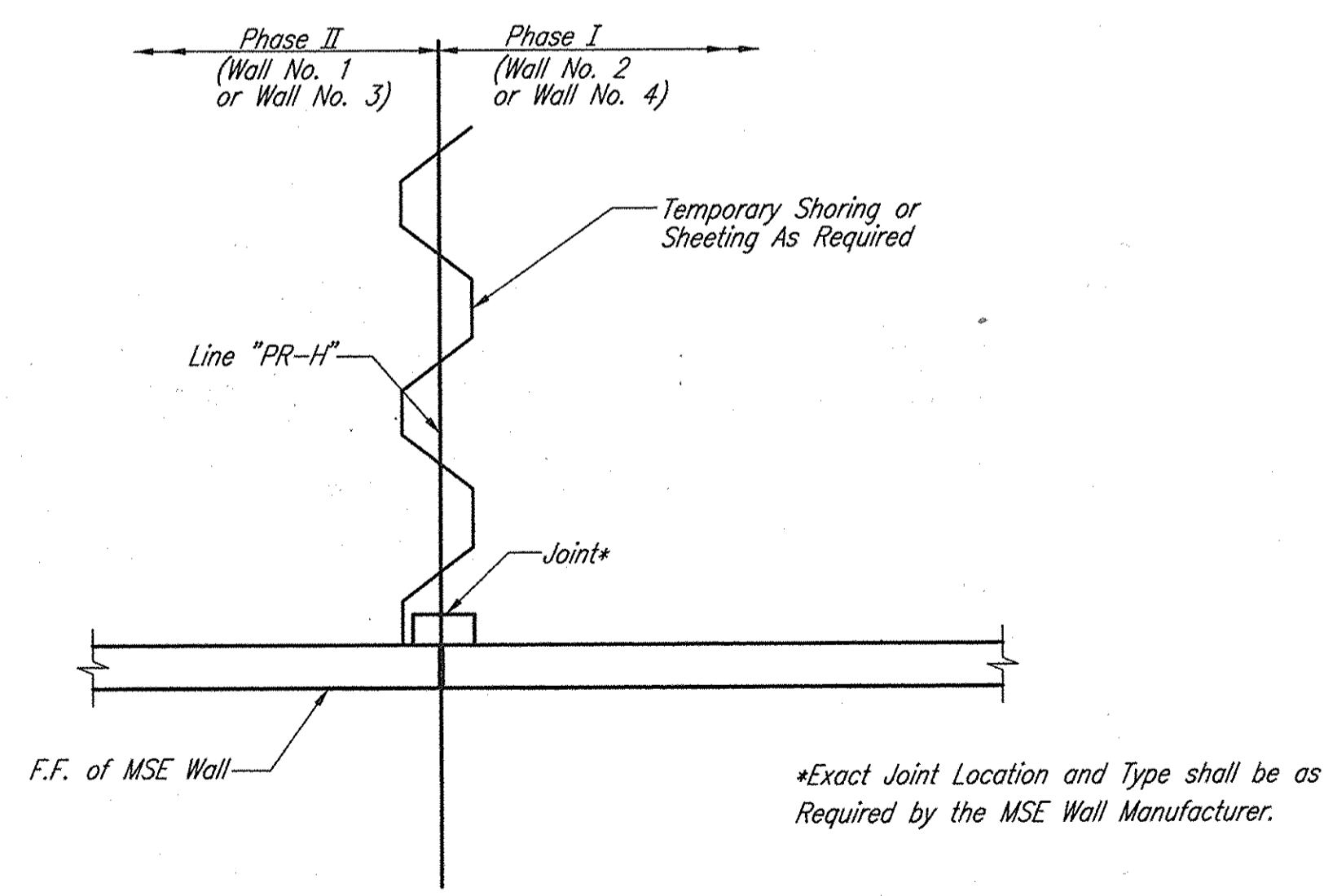
SECTION A-A
Scale: 1:20



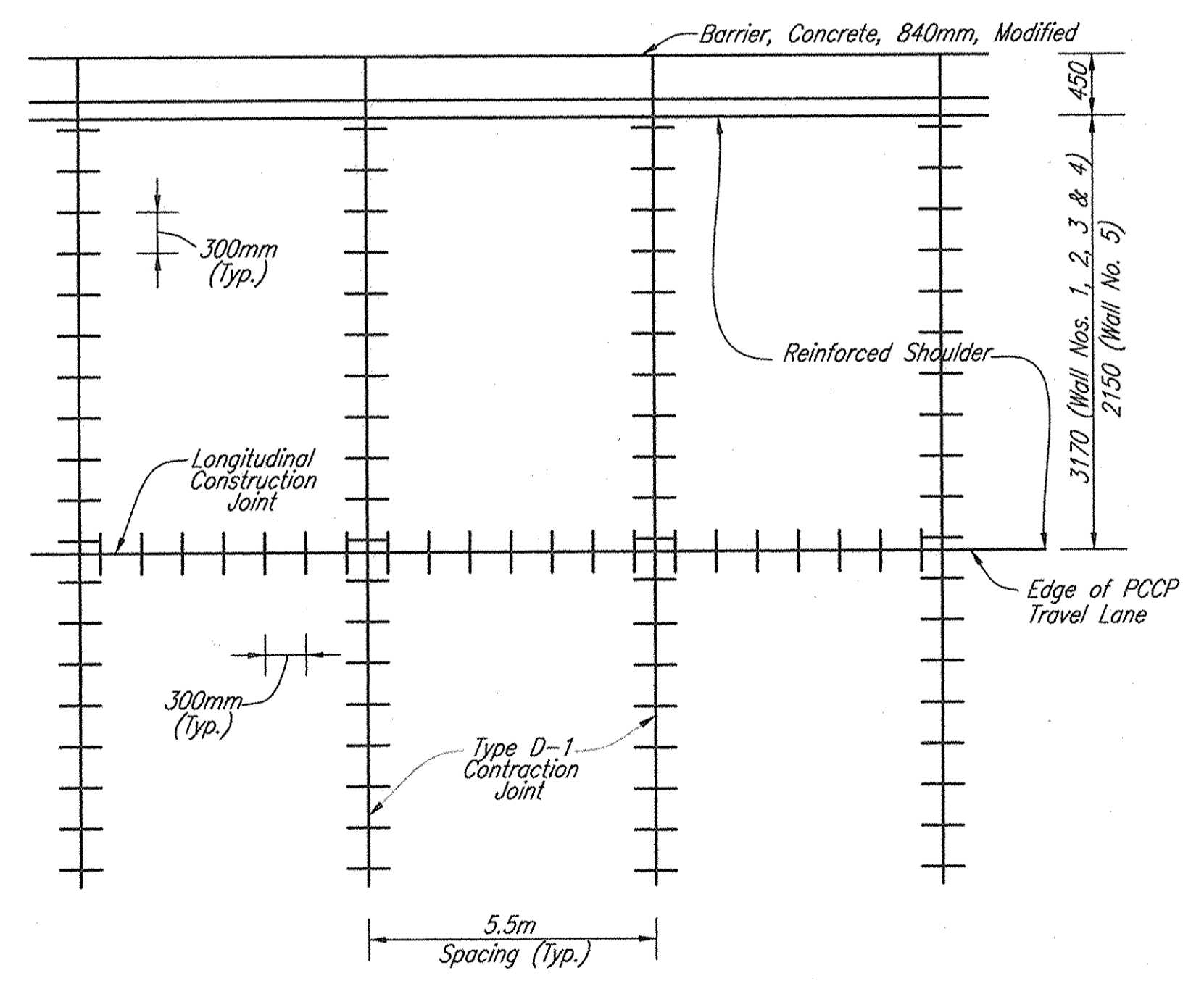
APPROACH SLAB DETAIL
No Scale



BARRIER RAIL AT TERMINAL JOINT
Scale: 1:20



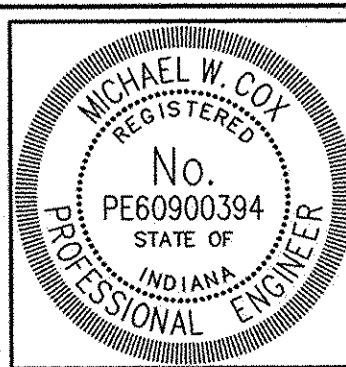
MSE WALL JOINT DETAIL
Scale: 1:20



REINFORCED SHOULDER JOINTS
No Scale

Notes:
For Reinforcing Bar Notes, See Std.Dwg.No.703-BRST-01
For Terminal Joint & Sleeper Slab Details,
See Std.Dwg.No.610-RCBA-02
For Additional Approach Slab Details, See Bridge Plans

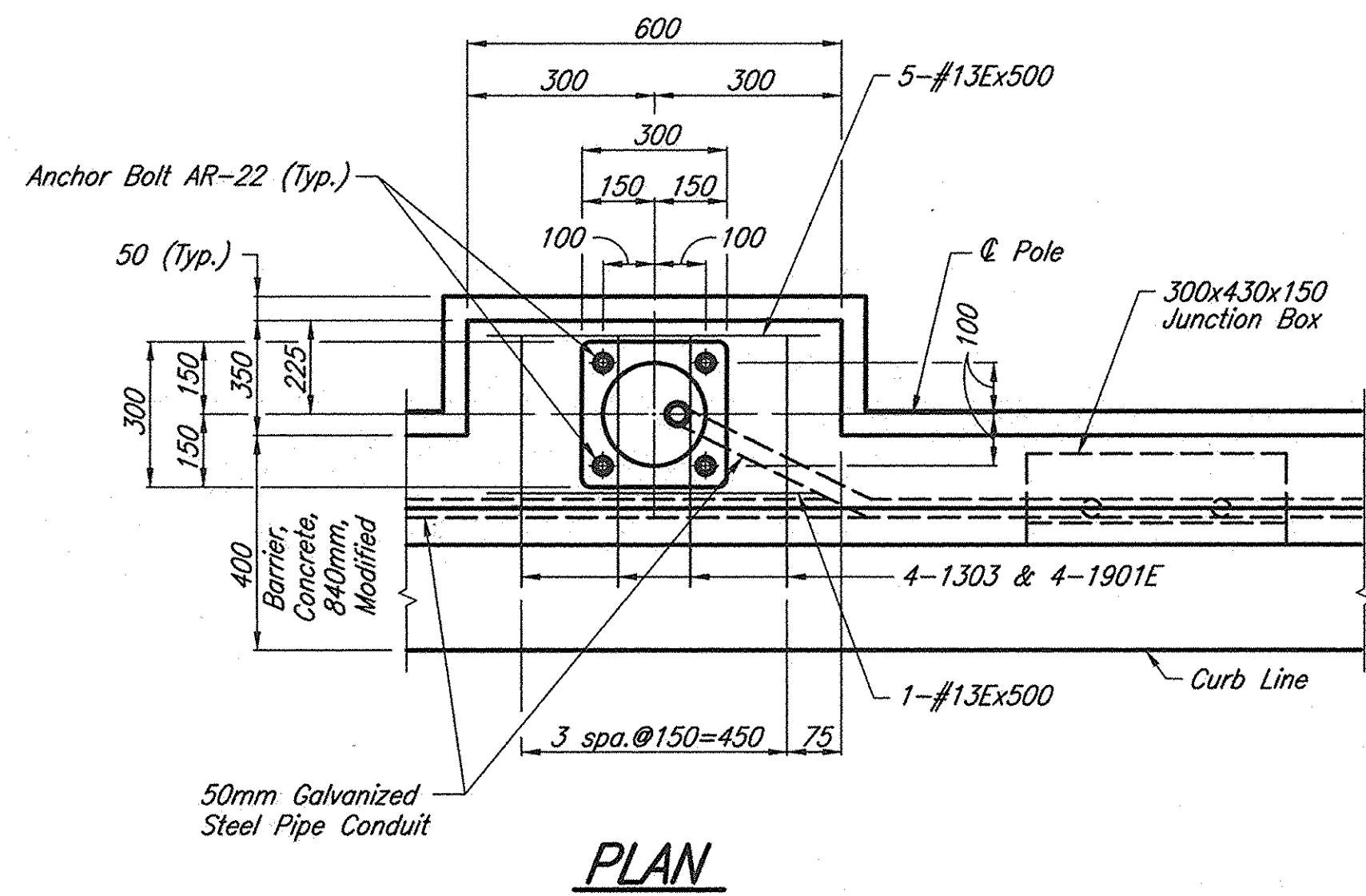
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RECOMMENDED FOR APPROVAL	<i>[Signature]</i> 4/15/02	DESIGN ENGINEER	DATE
DESIGNED: MWC	DRAWN: CMS	CHECKED: CMS	CHECKED: MWC

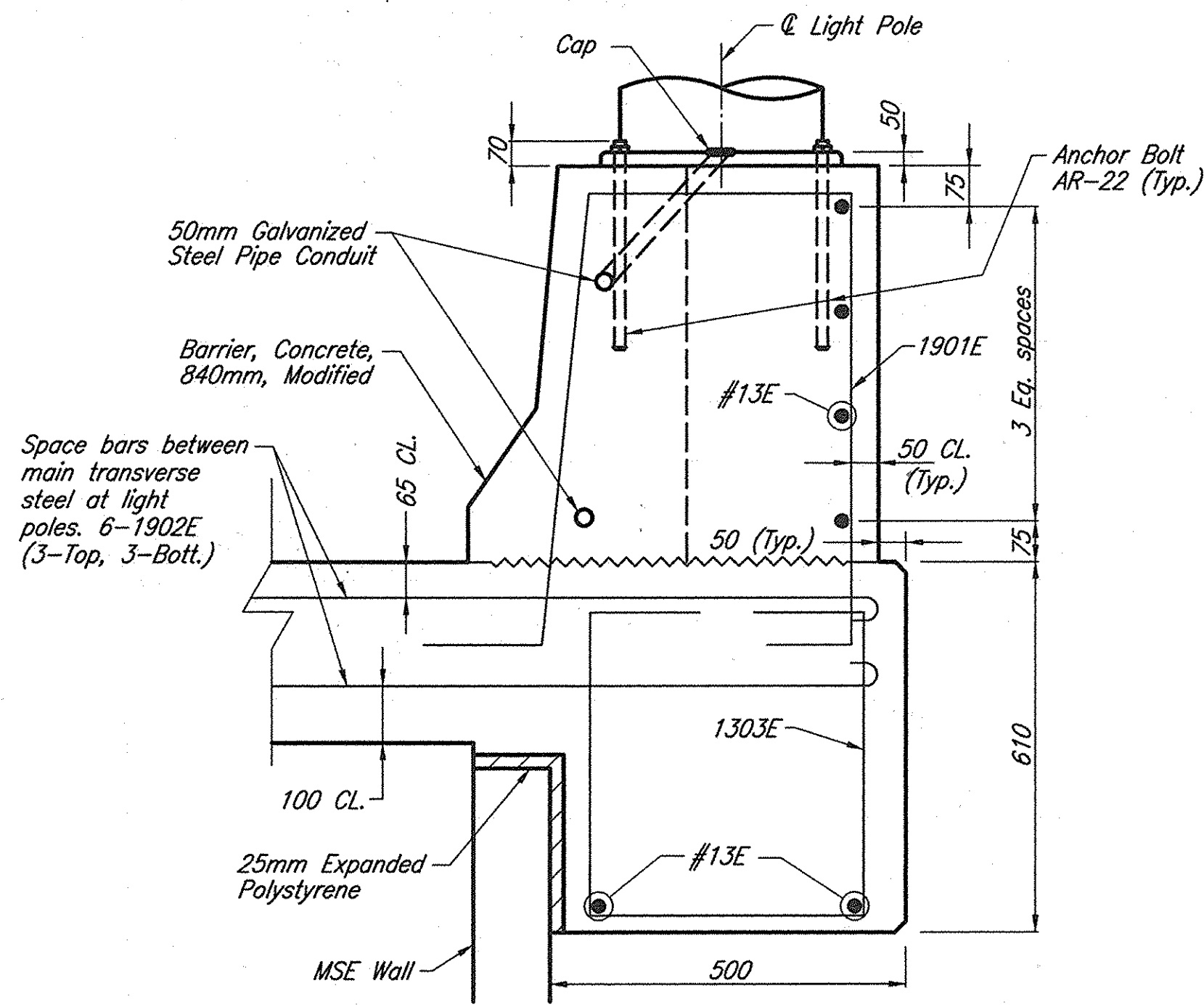
INDIANA DEPARTMENT OF TRANSPORTATION	
RETAINING WALL DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	
VERTICAL SCALE	DESIGNATION
AS NOTED	9223010
DRAWING NO.	SHEETS
	66 of 147
CONTRACT	PROJECT
R-24951	NH-006-4 (047)

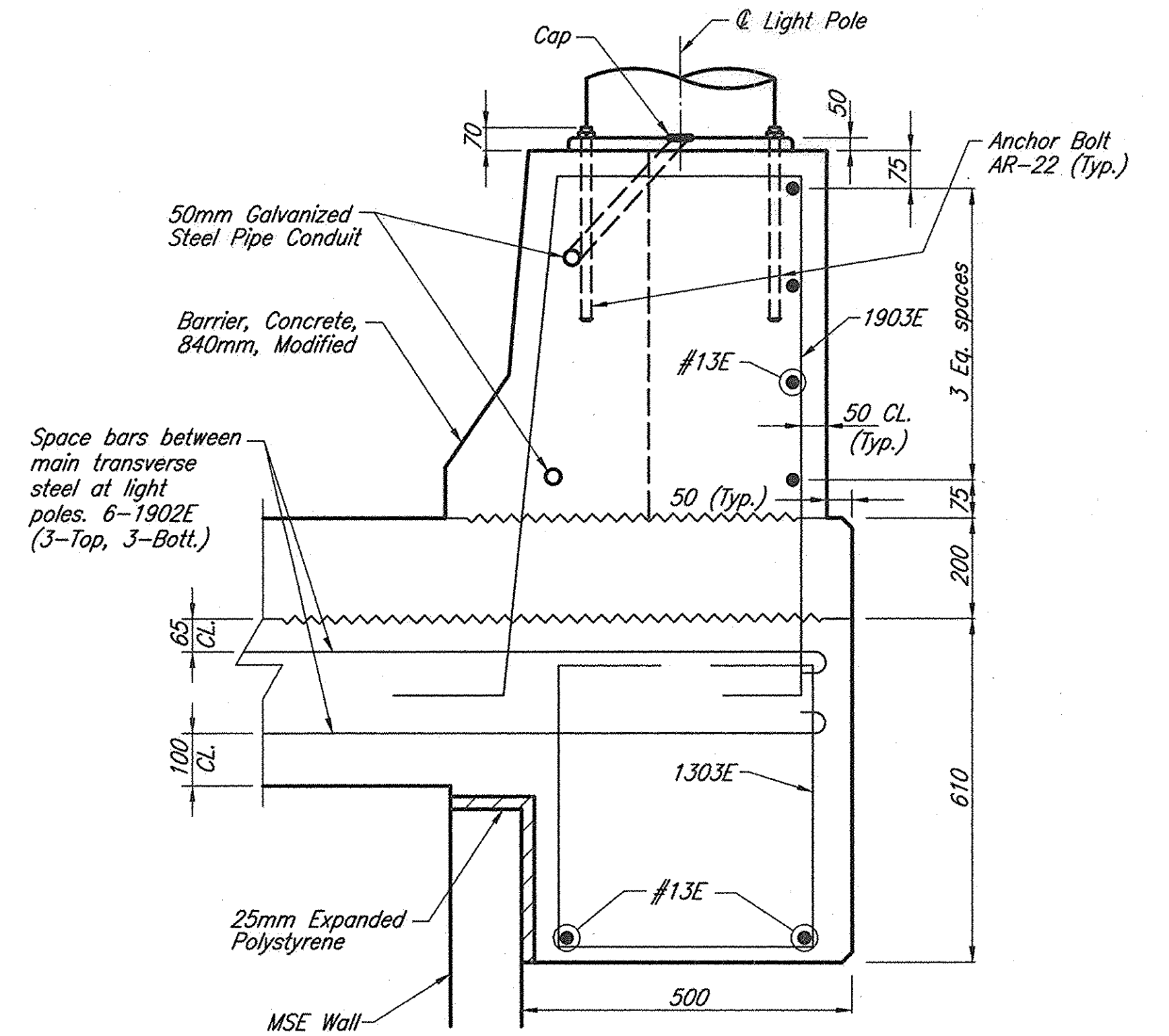


PLAN

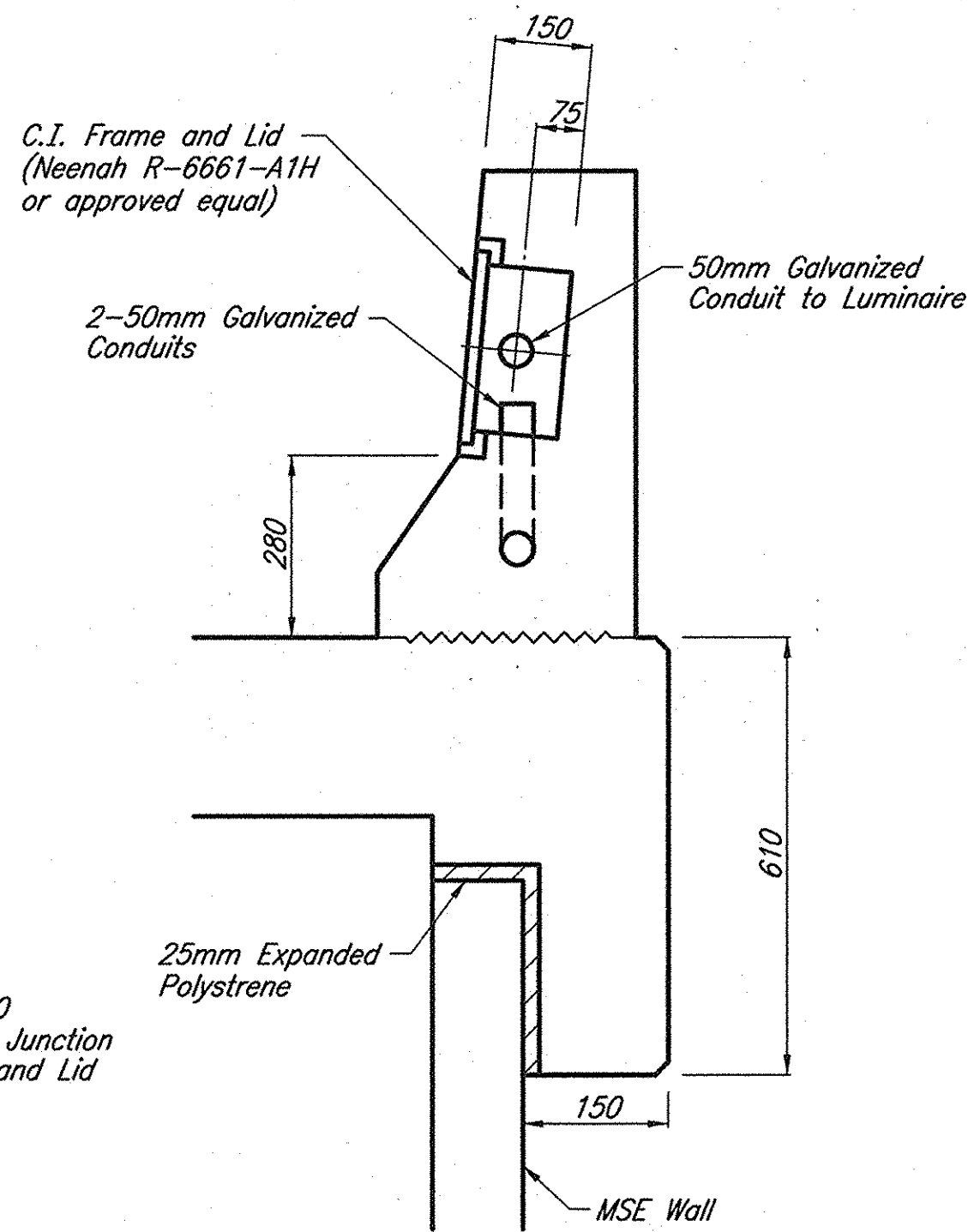
Note:
 Bar 1901E, 1902E & 13Ex500 for light pole foundation shall be placed in addition to reinforcing steel shown in barrier detail drawings.
 Anchor Bolt circle diameter is approximately 280.



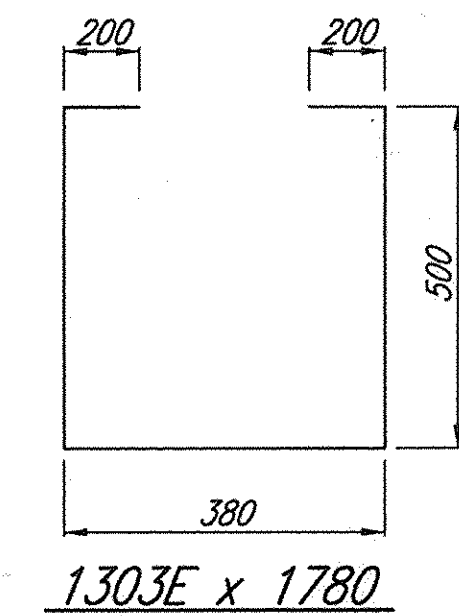
SECTION B-B
 (Wall Nos. 1, 2, 3 & 4)



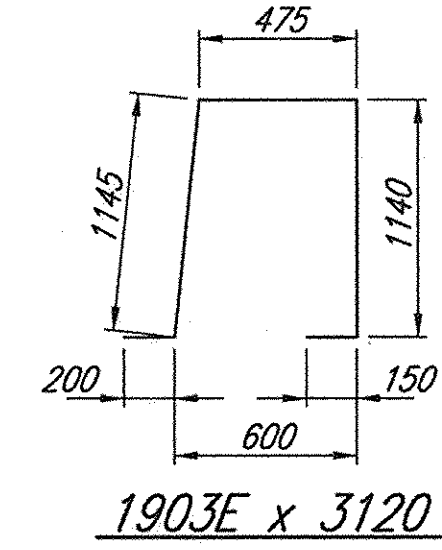
SECTION B-B
 (Wall No. 5)



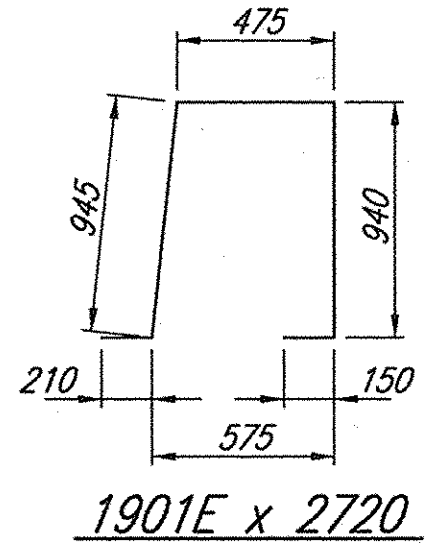
SECTION A-A



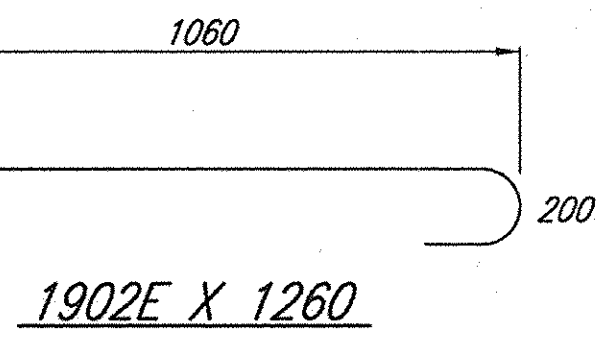
1303E x 1780



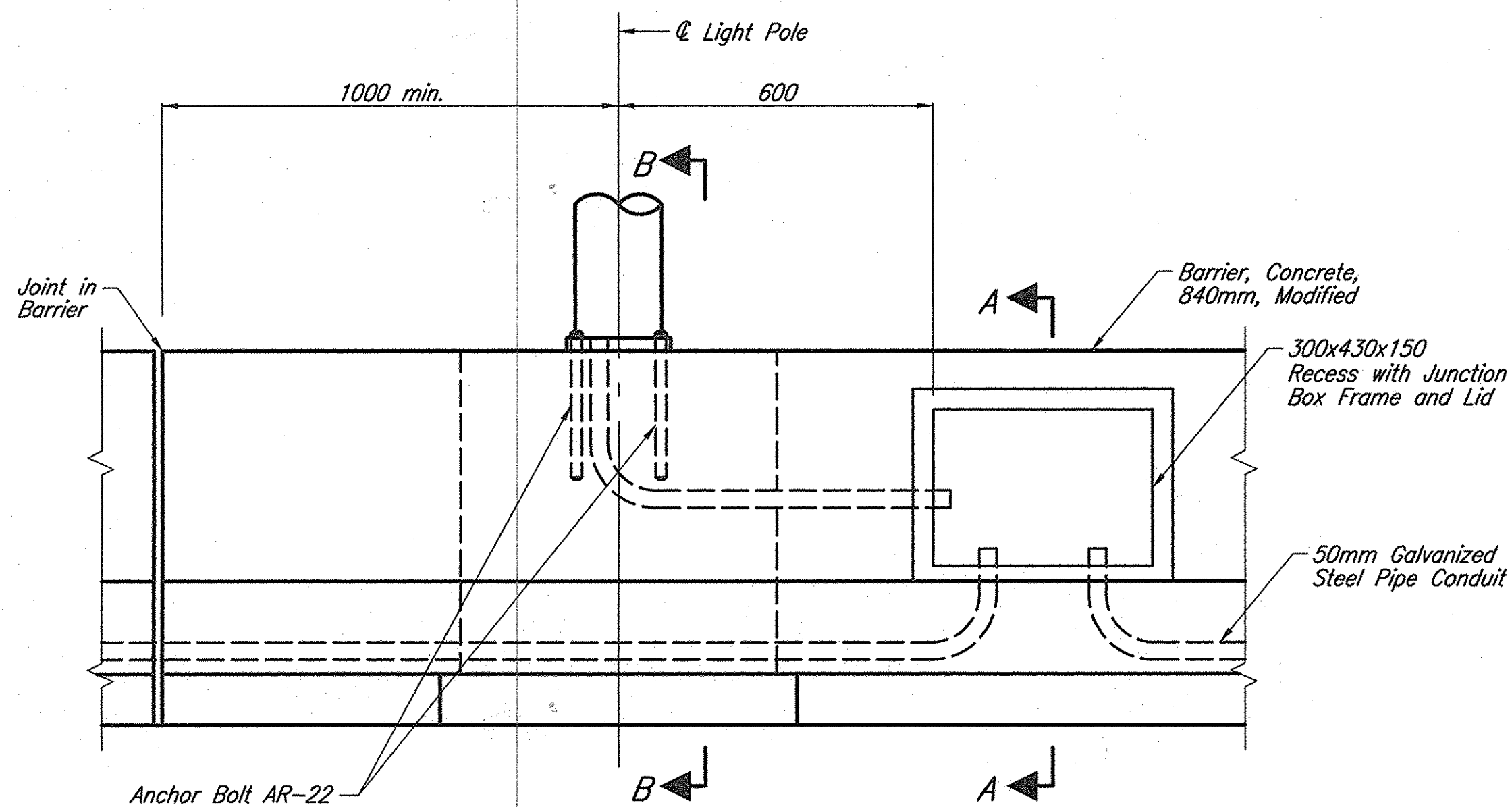
1903E x 3120



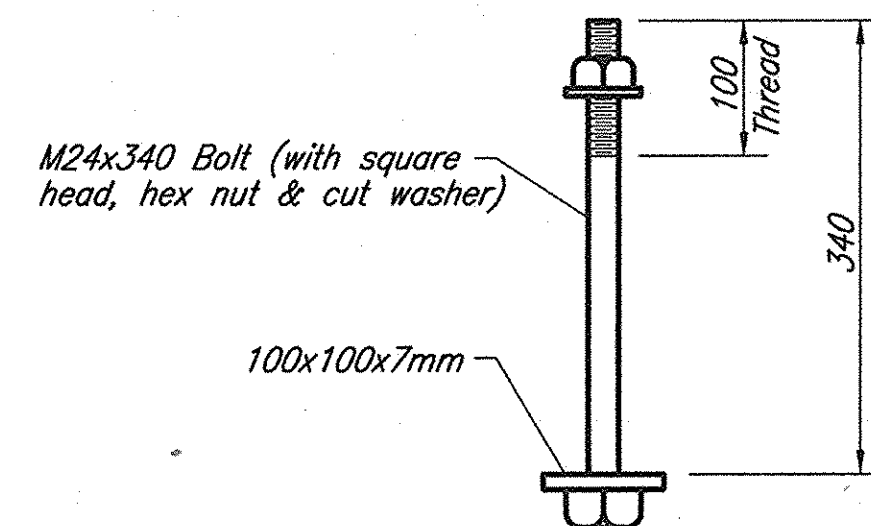
1901E x 2720



1902E x 1260



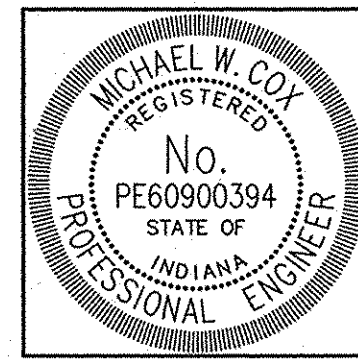
TYPICAL ELEVATION



ANCHOR BOLT AR-22

GENERAL NOTES

- All Reinforcing Steel shall be Epoxy Coated.
- Chamfer exposed corners of concrete 25mm unless noted.
- Continuous concrete pours shall be required between construction joints, unless otherwise approved by the Engineer.
- Waterproof Concrete Barrier in accordance with Art. 702.23 of the Standard Specifications.
- Mechanically Stabilized Earth (MSE) walls shall be designed in accordance with the Indiana Department of Transportation "Plan Development Guidelines for Earth Retaining Systems", revised December 1995 and the Special Provision "Mechanically Stabilized Earth Retaining Walls."
- Ground reinforcement shall be skewed to clear obstructions.
- Ground reinforcement shall be galvanized.
- No field cutting of ground reinforcement will be allowed.
- Surface seal shall be required as shown.
- Top of Wall Elevations shown on Retaining Wall Profiles are top of reinforced concrete shoulder or top of concrete coping unless otherwise noted.
- Where new work is to be fitted to old work, The Contractor shall check all dimensions and conditions in the field and report any errors or discrepancies to the Engineer and assume responsibility for their correctness and the fit of the new part to the old.



RECOMMENDED FOR APPROVAL	<i>Michael W. Coy</i>	DATE	08/01
DESIGNED:	CMS	DRAWN:	CTR
CHECKED:	MWC	CHECKED:	CMS

INDIANA DEPARTMENT OF TRANSPORTATION	
RETAINING WALL DETAILS	

HORIZONTAL SCALE	BRIDGE FILE
NO SCALE	
VERTICAL SCALE	DESIGNATION
NO SCALE	9223010
SURVEY BOOK	SHEETS
	66A of 147
CONTRACT	PROJECT
R-24951	NH-006-4 (047)

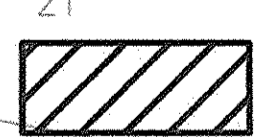
LEGEND

- (A) Cement Concrete Pavement, Plain, 250 mm on Subbase for Cement Concrete Pavement
- (E) 75 Kg/m² HMA Surface, 9.5 mm, Shoulder on 165 Kg/m² HMA Intermediate, 19.0 mm, Shoulder
- (J) Cement Concrete Shoulder, Plain, 250 mm on Subbase for Cement Concrete Pavement
- (P) Cement Concrete Pavement Patch
- (1) Concrete Median Barrier
- (2) Barrier Wall
- (3) Longitudinal Joint
- (14) Integral Concrete Curb
- (21) Longitudinal Construction Joint

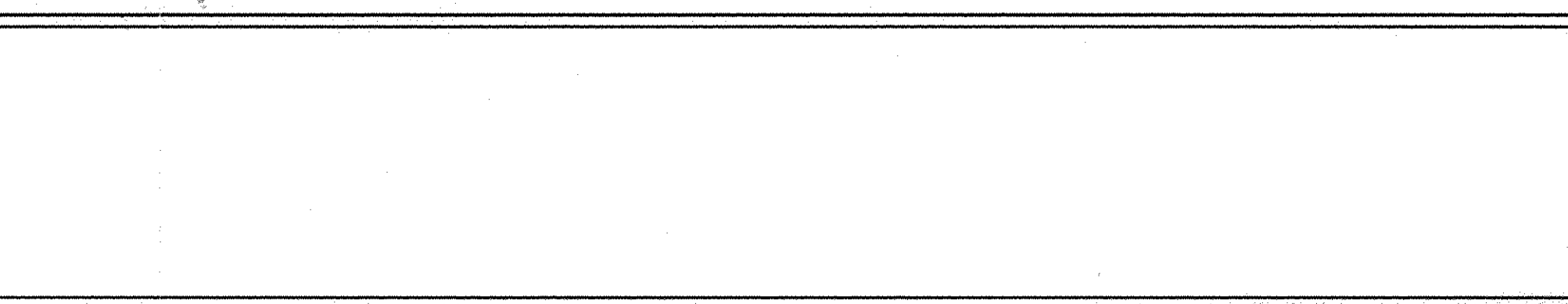
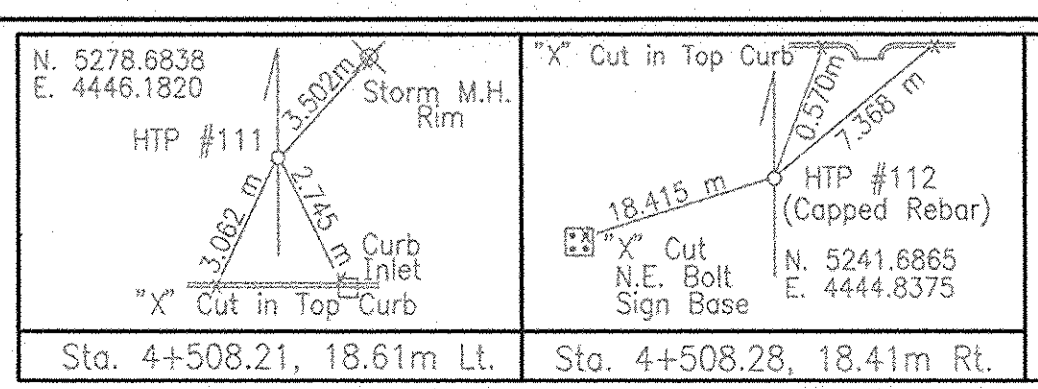
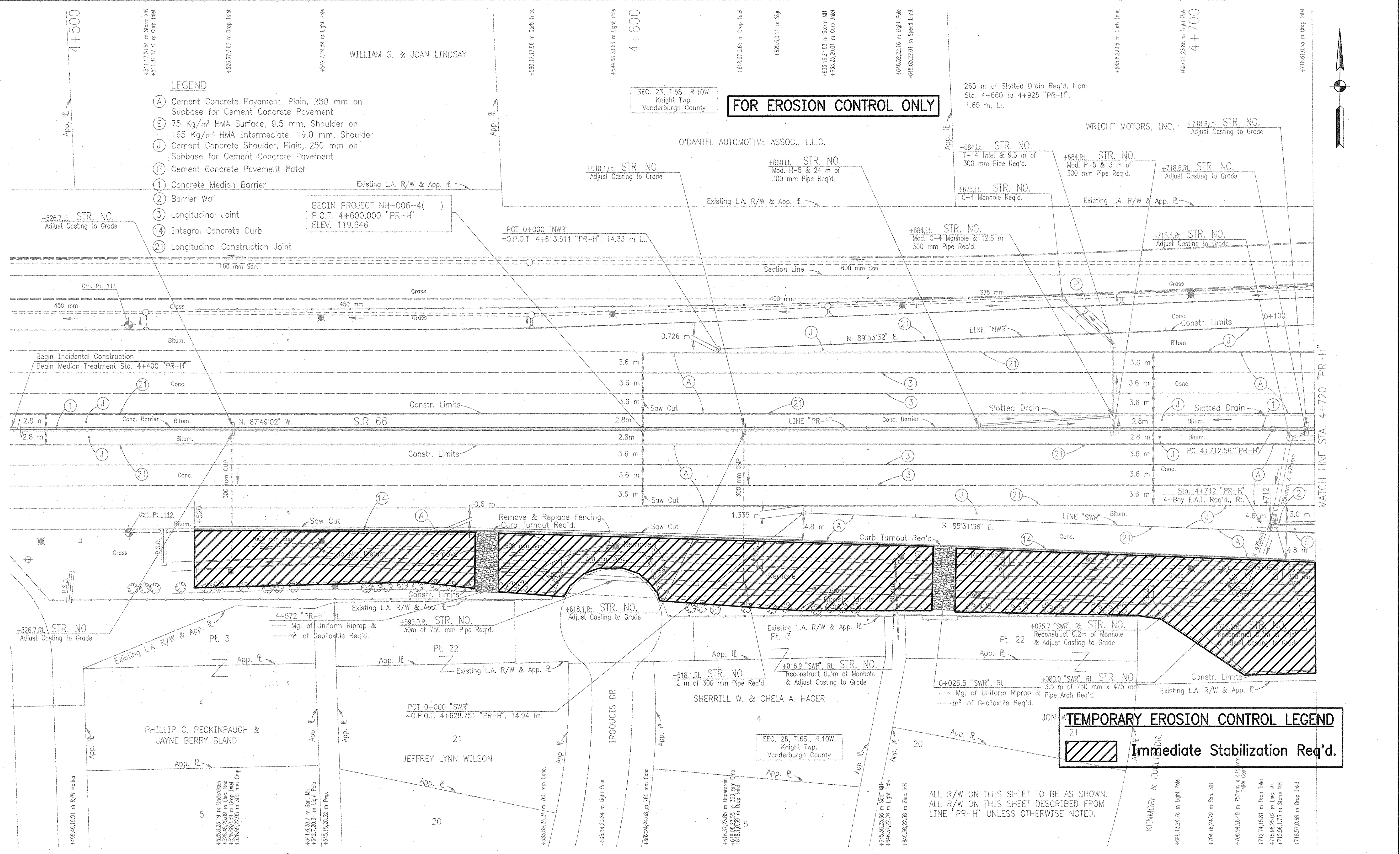
BEGIN PROJECT NH-006-4()
P.O.T. 4+600.000 "PR-H"
ELEV. 119.646

FOR EROSION CONTROL ONLY

TEMPORARY EROSION CONTROL LEGEND

 Immediate Stabilization Req'd.

ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "PR-H" UNLESS OTHERWISE NOTED.



DANIEL J. GIESON
REGISTERED PROFESSIONAL ENGINEER
No. 920262
STATE OF INDIANA

RECOMMENDED FOR APPROVAL: *D.J.G.* 4/1/02
DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN - S.R. 66
BEGIN TO STA. 4+720 "PR-H"

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	67 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

FOR EROSION CONTROL ONLY


WRIGHT MOTORS, INC.

265 m of Slotted Drain Req'd. from Sta. 4+660 to Sta. 4+925 "PR-H", 1.65 m Lt.

LEGEND

- (A) Cement Concrete Pavement, Plain, 250 mm on Subbase for Cement Concrete Pavement
- (E) 75 Kg/m² HMA Surface 9.5 mm, Shoulder, on 165 Kg/m² HMA Intermediate 19.0 mm, Shoulder
- (A) Cement Concrete Shoulder, Plain, 250 mm on Subbase for Cement Concrete Pavement
- (1) Concrete Median Barrier
- (2) Barrier Wall
- (3) Longitudinal Joint
- (14) Integral Concrete Curb
- (21) Longitudinal Construction Joint

TEMPORARY EROSION CONTROL LEGEND

-  Immediate Stabilization Req'd.
- (P) Temporary Silt Fence

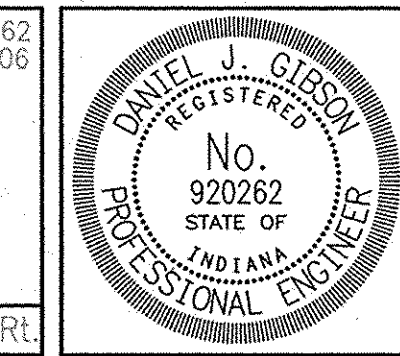
ROBERT M. KENT

Temporary Silt Fence

SEC. 23, T.6S., R.10W.
Knight Twp.
Vanderburgh County

SEC. 26, T.6S., R.10W.
Knight Twp.
Vanderburgh County

SEC. 26, T.6S., R.10W.
Knight Twp.
Vanderburgh County

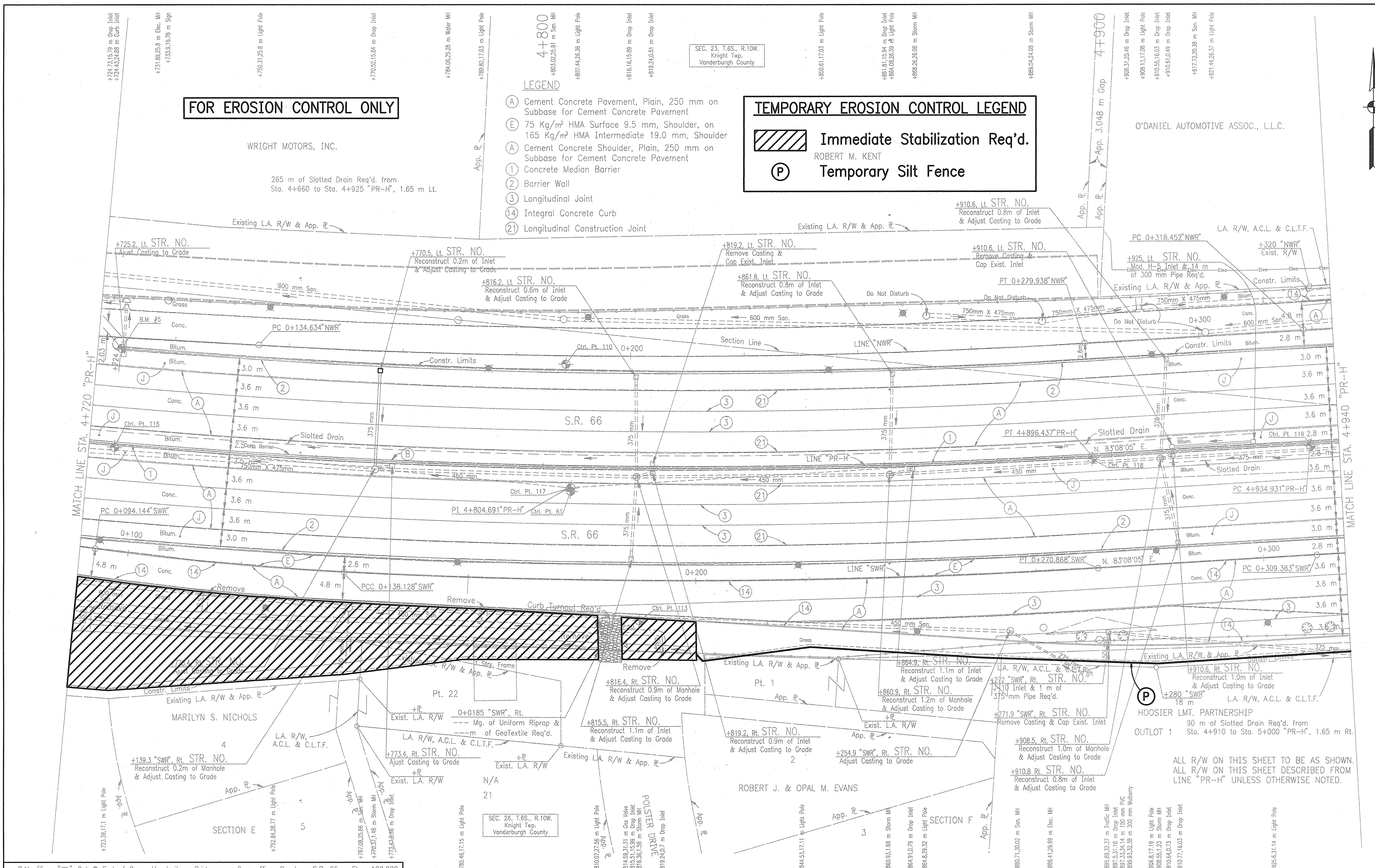


RECOMMENDED FOR APPROVAL	<i>[Signature]</i>	DATE	4-1-02
DESIGNED BY	DJG	DRAWN BY	MTM
CHECKED BY	MAE	CHECKED BY	DJG

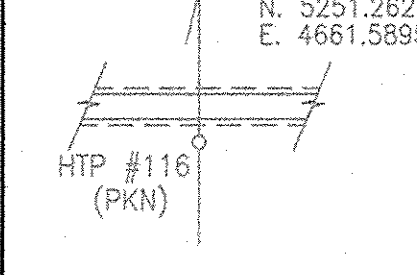
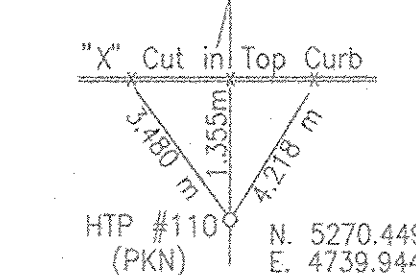
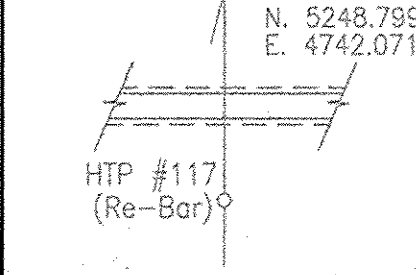
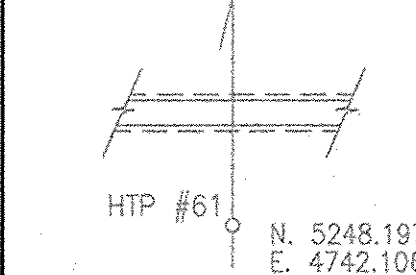
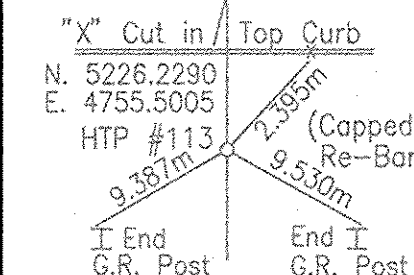
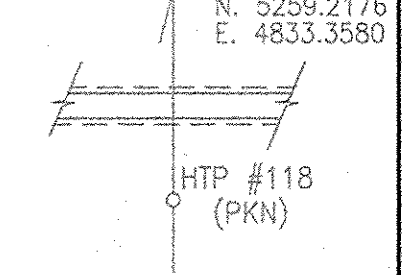
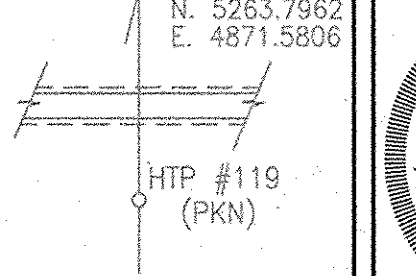
INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN - S.R. 66
STA. 4+720 TO 4+940 "PR-H"


HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	68 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)




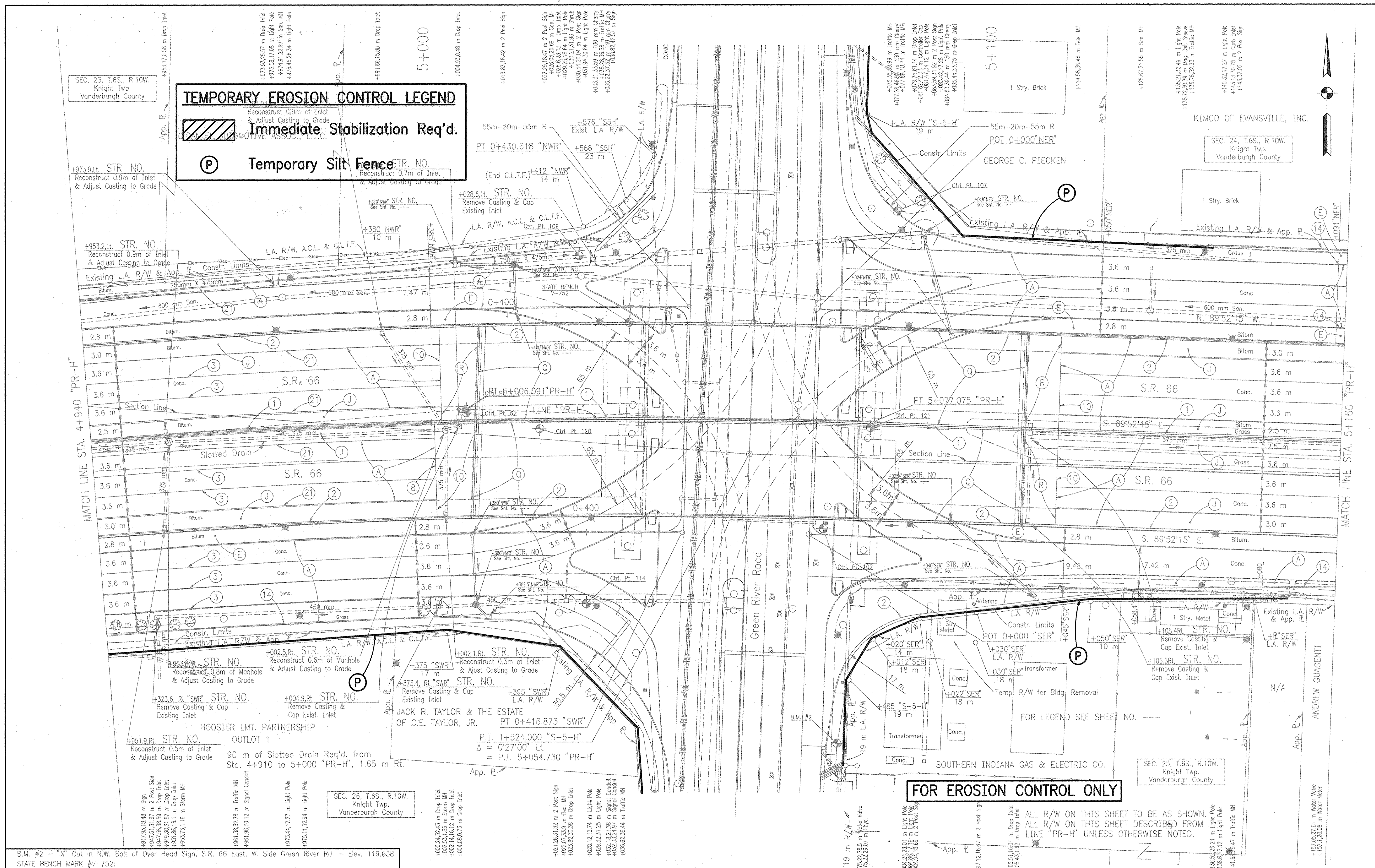
B.M. #5 - "□" Cut @ End of Conc. Handrail on Bridge over Green River Road on S.R. 66 - Elev. 120.080

 N. 5251.2621 E. 4661.5895 HTP #116 (PKN)	 N. 5270.4492 E. 4739.9446 HTP #110 (PKN)	 N. 5248.7990 E. 4742.0718 HTP #117 (Re-Bar)	 N. 5248.1972 E. 4742.1063 HTP #61	 N. 5226.2290 E. 4755.5005 HTP #113 (Capped Re-Bar)	 N. 5259.2176 E. 4833.3580 HTP #118 (PKN)	 N. 5263.7962 E. 4871.5806 HTP #119 (PKN)
Sta. 4+724.50, 0.65m Rt.	Sta. 4+803.58, 18.07m Lt.	Sta. 4+804.83, 3.65m Rt.	Sta. 4+804.83, 4.25m Rt.	Sta. 4+817.04, 26.82m Rt.	Sta. 4+896.52, 0.60m Rt.	Sta. 4+935.04, 0.63m Rt.

TEMPORARY EROSION CONTROL LEGEND

 Immediate Stabilization Req'd.

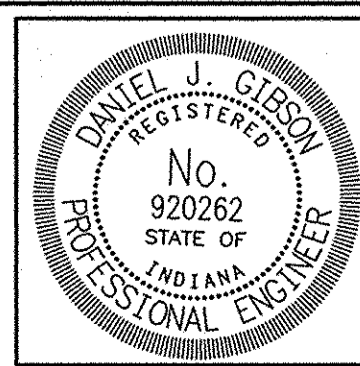
 Temporary Silt Fence



FOR EROSION CONTROL ONLY

B.M. #2 - "X" Cut in N.W. Bolt of Over Head Sign, S.R. 66 East, W. Side Green River Rd. - Elev. 119.638
 STATE BENCH MARK #V-752:
 Brass Tablet, N.W. Cor. of Handrail on Bridge Over Green River Road on S.R. 66 - Elev. 127.132

N. 5272.8474 E. 4942.2402	N. 5272.2833 E. 4942.2265
HTP #131	HTP #62 (PKN)
Sta. 5+006.17, 2.10m Lt.	Sta. 5+006.12, 1.53m Lt.



RECOMMENDED FOR APPROVAL	<i>D.J.G.</i> 4/1/02	DESIGN ENGINEER	DATE
DESIGNED: DJG	DRAWN: MTM	CHECKED: MAE	CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN - S.R. 66
STA. 4+940 TO 5+160 "PR-H"

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	69 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

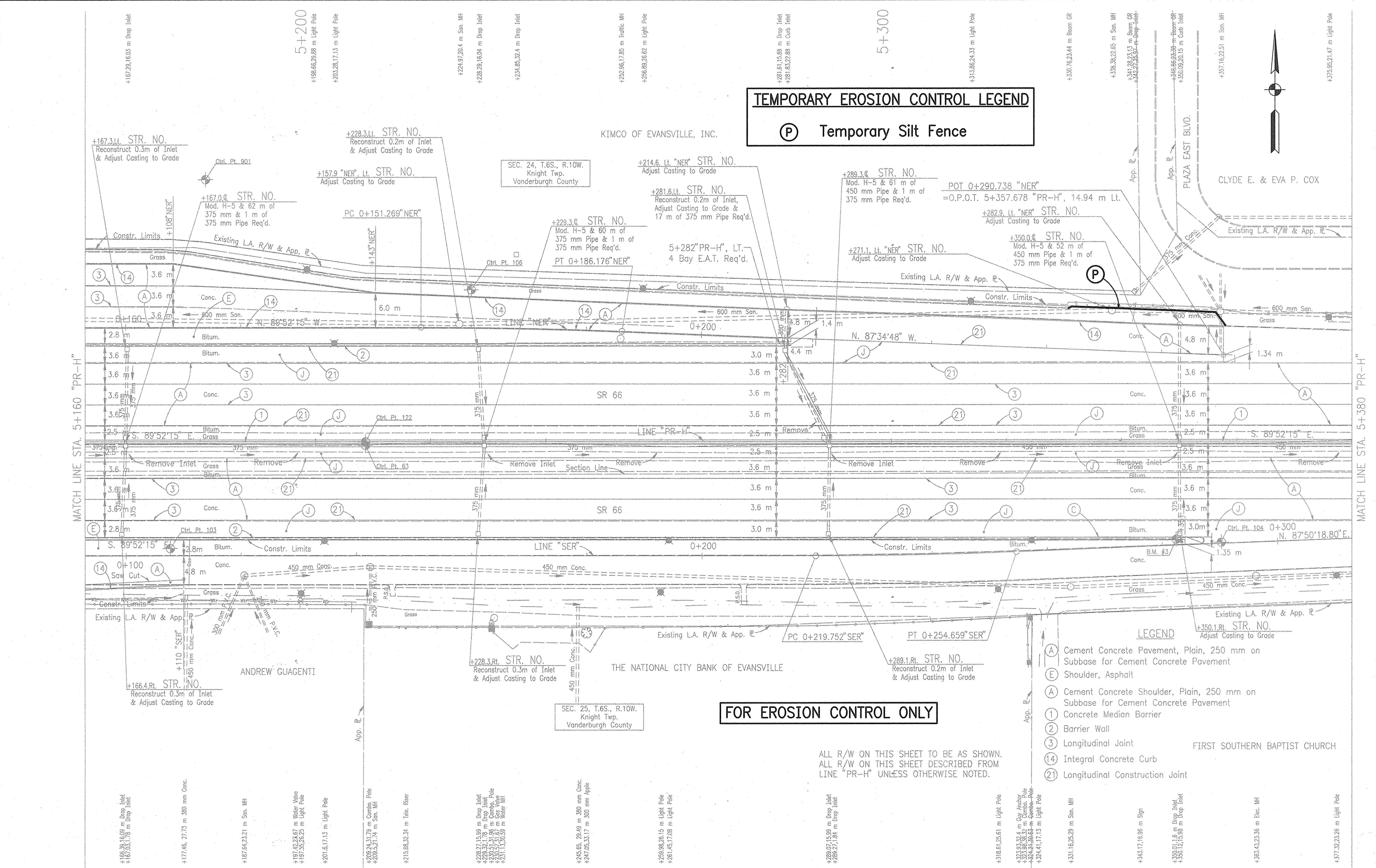
TEMPORARY EROSION CONTROL LEGEND

Ⓟ Temporary Silt Fence

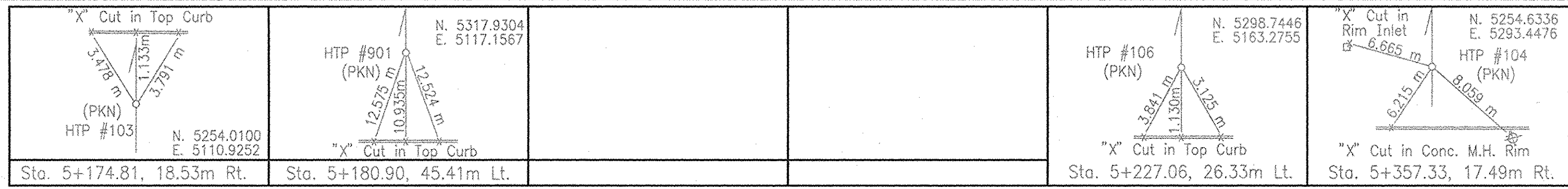
FOR EROSION CONTROL ONLY

ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "PR-H" UNLESS OTHERWISE NOTED.

- LEGEND**
- (A) Cement Concrete Pavement, Plain, 250 mm on Subbase for Cement Concrete Pavement
 - (E) Shoulder, Asphalt
 - (A) Cement Concrete Shoulder, Plain, 250 mm on Subbase for Cement Concrete Pavement
 - (1) Concrete Median Barrier
 - (2) Barrier Wall
 - (3) Longitudinal Joint
 - (14) Integral Concrete Curb
 - (21) Longitudinal Construction Joint

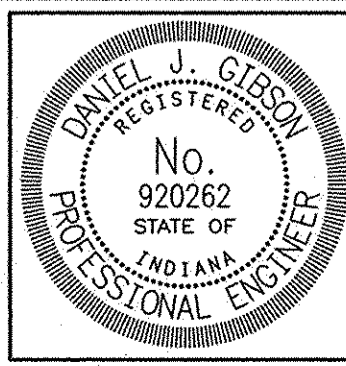


B.M. #3 - "□" Cut in Concrete Handrail @ End of West Bound Merge Lane to S.R. 66 - Elev. 119.988



RECOMMENDED FOR APPROVAL: *D. O'Neil* 1/1/02
DESIGN ENGINEER DATE

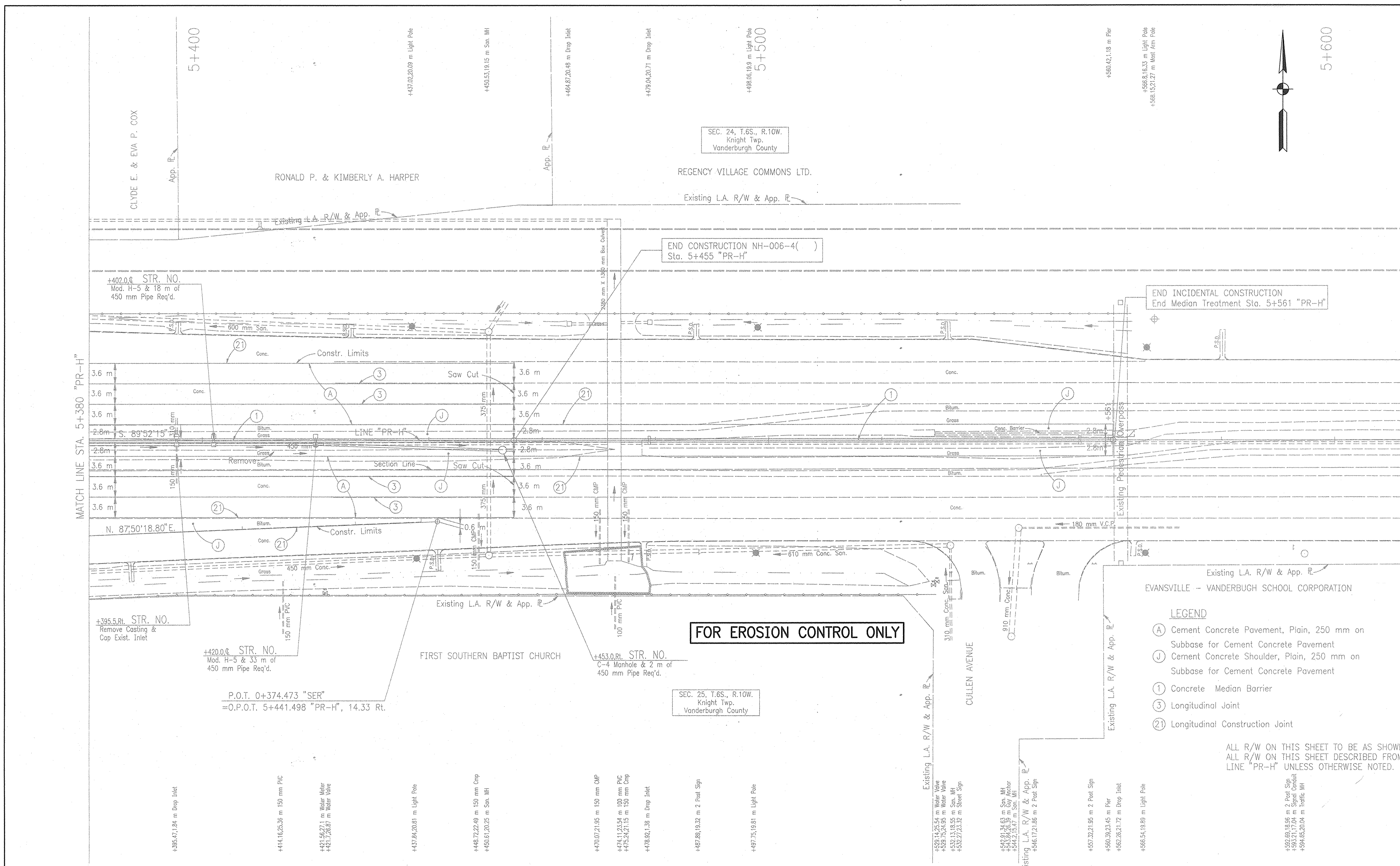
DESIGNED: DJG DRAWN: MTM
CHECKED: M.A.E. CHECKED: DJG



INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN - S.R. 66
STA. 5+160 TO STA. 5+380 "PR-H"

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	70 of 147
CONTRACT	PROJECT NO.
R-24951	NH-066-4(047)



SEC. 24, T.6S., R.10W.
Knight Twp.
Vanderburgh County

REGENCY VILLAGE COMMONS LTD.

RONALD P. & KIMBERLY A. HARPER

Existing L.A. R/W & App. R.

END CONSTRUCTION NH-006-4()
Sta. 5+455 "PR-H"

END INCIDENTAL CONSTRUCTION
End Median Treatment Sta. 5+561 "PR-H"

+402.0 STR. NO.
Mod. H-5 & 18 m of
450 mm Pipe Req'd.

+395.5 RL STR. NO.
Remove Casting &
Cap Exist. Inlet

+420.0 STR. NO.
Mod. H-5 & 33 m of
450 mm Pipe Req'd.

P.O.T. 0+374.473 "SER"
=O.P.O.T. 5+441.498 "PR-H", 14.33 Rt.

+453.0 RL STR. NO.
C-4 Manhole & 2 m of
450 mm Pipe Req'd.

SEC. 25, T.6S., R.10W.
Knight Twp.
Vanderburgh County

FOR EROSION CONTROL ONLY

EVANSVILLE - VANDERBUGH SCHOOL CORPORATION

LEGEND

- (A) Cement Concrete Pavement, Plain, 250 mm on Subbase for Cement Concrete Pavement
- (J) Cement Concrete Shoulder, Plain, 250 mm on Subbase for Cement Concrete Pavement
- (1) Concrete Median Barrier
- (3) Longitudinal Joint
- (21) Longitudinal Construction Joint

ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "PR-H" UNLESS OTHERWISE NOTED.

+395.471.84 m Drop Inlet

+414.1625.36 m 150 mm PVC

+421.5627.1 m Water Meter
+421.7267 m Water Valve

+437.84.20.81 m Light Pole

+448.722.49 m 150 mm Comp
+450.61.20.25 m San. MH

+470.07.21.95 m 150 mm CMP

+474.11.21.54 m 100 mm PVC
+475.24.21.15 m 150 mm Comp

+478.921.38 m Drop Inlet

+487.89.19.32 m 2 Post Sign

+497.75.19.81 m Light Pole

+525.14.25.54 m Water Valve
+527.75.24.95 m Water Valve
+532.13.18.55 m San. MH
+532.27.23.52 m Street Sign

+542.91.11.63 m San. MH
+542.91.11.63 m San. MH
+544.21.15.27 m San. MH

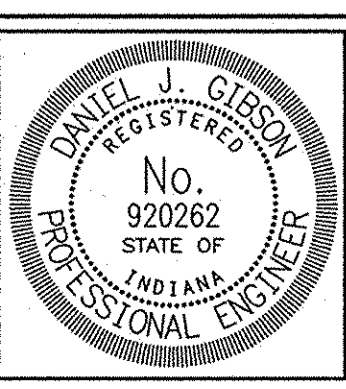
Existing L.A. R/W & App. R.
+546.172.186 m 2 Post Sign

+557.32.21.95 m 2 Post Sign

+560.39.23.45 m Pier
+562.26.21.72 m Drop Inlet

+566.54.19.89 m Light Pole

+592.69.18.96 m 2 Post Sign
+592.21.17.04 m Signal Control
+594.65.20.04 m Traffic MH



RECOMMENDED FOR APPROVAL *D.J.G.* 4/1/02
DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN - S.R. 66
STA. 5+380 "PR-H" TO END

HORIZONTAL SCALE 1:300	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION NO. 9223010
SURVEY BOOK	SHEETS 71 of 147
CONTRACT R-24951	PROJECT NO. NH-006-4(047)

Points of Access To Be Allowed As Follows		
Location	Type	
1+366, Rt.	(2)	Class III Drives
1+386, Lt.		Class III Drive

TEMPORARY EROSION CONTROL LEGEND

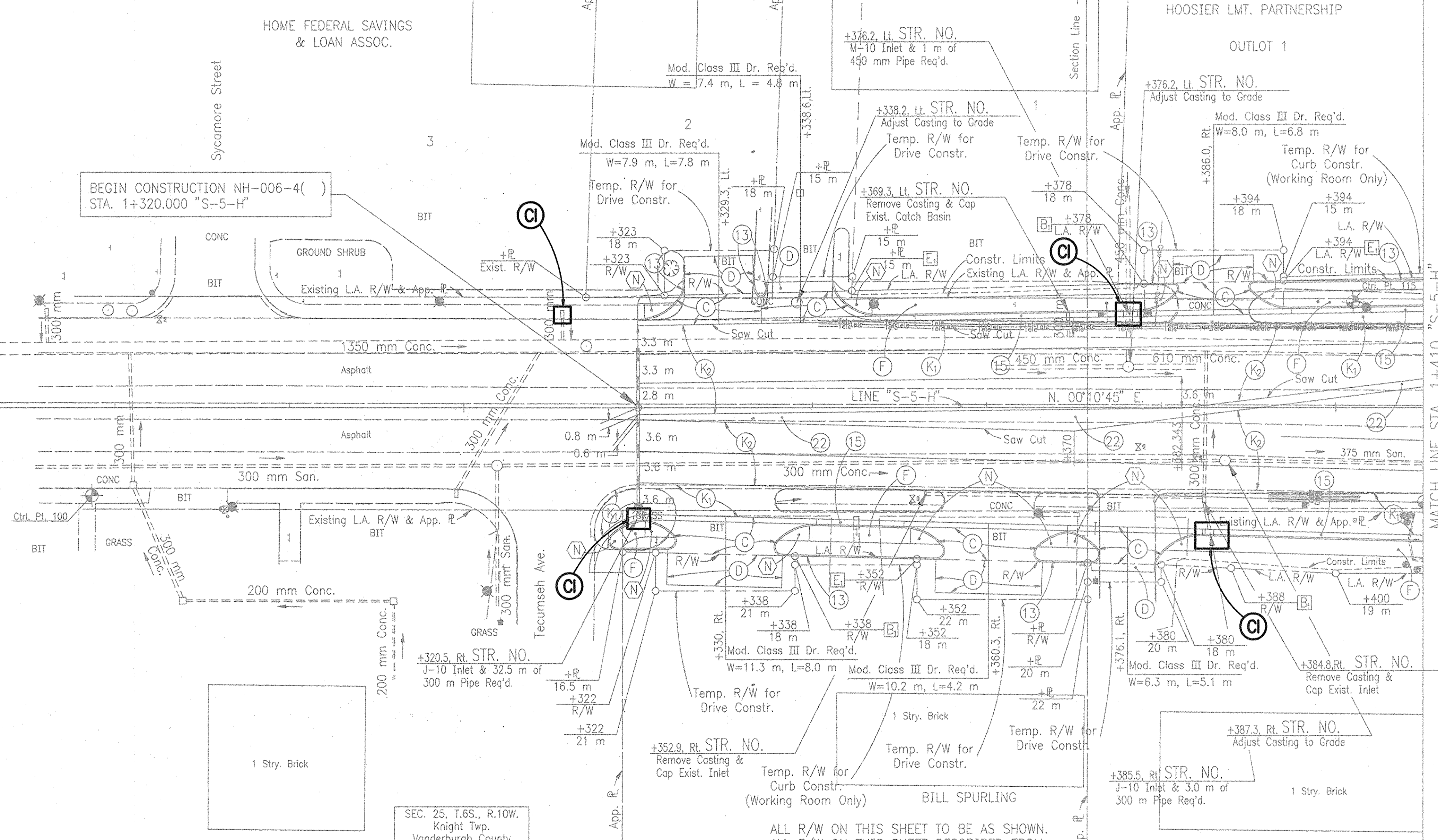
(C) Temporary Curb Inlet Protection

LEGEND

- (C) Cement Concrete Pavement for Drives, 150 mm on 150 mm Compacted Aggregate, Base No. 53
- (D) 240 kg/m² HMA for Approaches on 200 mm Compacted Aggregate Base, No. 53
- (F) Sidewalk, Concrete, 100 mm
- (K₁) Full Depth HMA Pavement
- (K₂) HMA Pavement Overlay
- (13) Curb, Concrete
- (15) Curb & Gutter, Combined, Concrete
- (22) Center Curb, Concrete, Type "A"
- (N) Curb Ramp, Concrete, Type "N"
- (E) Begin L.A. R/W
- (F) End L.A. R/W

1+200
+251.34, 12.28 m Light Pole
+252.03, 10.67 m Catch Basin
+254.13, 14.93 m 2 Post Sign
+259.22, 11.17 m Tele. MH
+259.44, 18.33 m Sign
+261.96, 11.09 m Tele. MH
+264.28, 13.2 m Flyd.
+265.03, 10.11 m Water Valve

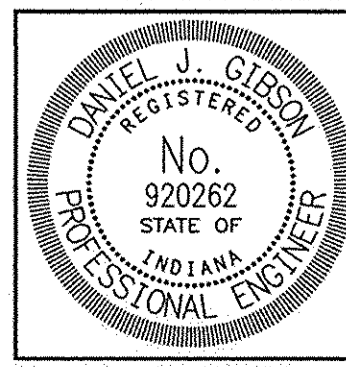
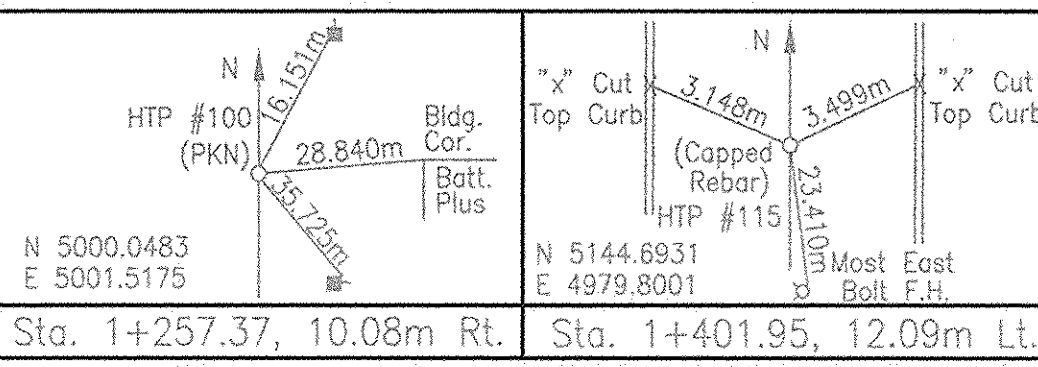
1+300
+276.69, 15.1 m Street Sign
+281.65, 12.04 m Sign
+285.82, 15.14 m 2 Post Sign
+297.21, 12.2 m Light Pole
+311.16, 10.52 m Catch Basin
+314.03, 7.07 m Son. MH
+323.74, 15.99 m 330 mm Locust
+333.92, 14.85 m Sign
+334.02, 22.67 m Sign
+338.21, 12.05 m Son. MH
+338.55, 24.56 m Drop Inlet
+343.22, 17.1 m 2 Post Sign
+347.04, 11.88 m Light Pole
+351.72, 10.34 m Sign
+363.31, 11.73 m Sign
+369.27, 10.23 m Catch Basin
+373.05, 10.67 m Pwp.
+373.74, 11.96 m Water Meter
+376.21, 4.64 m Son. MH
+376.10, 7.7 m Water Valve
+378.48, 10.88 m Flyd.



FOR EROSION CONTROL ONLY

+221.5, 11.18 m Light/Combo Pole
+262.12, 8.94 m Drop Inlet
+267.81, 22.13 m Drop Inlet
+272.92, 12.44 m Water Meter
+272.95, 11.62 m Water Valve
+273.46, 11.35 m Light/Combo Pole
+279.92, 15.14 m 2 Post Sign
+291.97, 22.17 m Drop Inlet
+299.03, 9.37 m Catch Basin
+302.69, 21 m P&L Lamp Post
+302.62, 6.64 m Son. MH
+304.79, 24.61 m Combo. Pole
+304.53, 18.24 m Sign
+304.85, 14.36 m Street Sign
+316.63, 15.79 m Sign
+320.06, 11.41 m Light/Combo Pole
+321.12, 15.26 m 2 Post Sign
+344.97, 14.11 m 2 Post Sign
+346.23, 20.02 m Sign
+351.29, 10.63 m Water Meter
+351.48, 10.44 m Water Valve
+352.87, 9.89 m Catch Basin
+370.69, 14.98 m Sign
+371.89, 11.49 m Combo. Pole
+373.52, 18.93 m Sign
+373.52, 18.93 m Sign
+377.36, 4.54 m Water Valve
+379.24, 12.14 m 250 mm Conc.
+384.84, 6.06 m Water Valve
+385.29, 11.69 m Combo. Pole
+387.3, 6.09 m Son. MH
+393.45, 11.62 m Guy Anchor
+394.52, 11.73 m Guy Anchor
+402.18, 12.2 m R/W Marker
+407.76, 12.32 m Sign
+408.04, 17.96 m Sign
+408.94, 12.28 m Sign
+409.1, 5.1 m Sign
+409.35, 18.55 m Sign

B.M. #1 - R.R. Spike in Pwp., N.E. Cor. of Amco Gas, East Side of Green River Road. - Elev. 119.860



RECOMMENDED FOR APPROVAL	<i>D.J.G.</i>	DATE	
DESIGNED BY	DJG	DRAWN BY	MTM
CHECKED BY	MAE	CHECKED BY	DJG

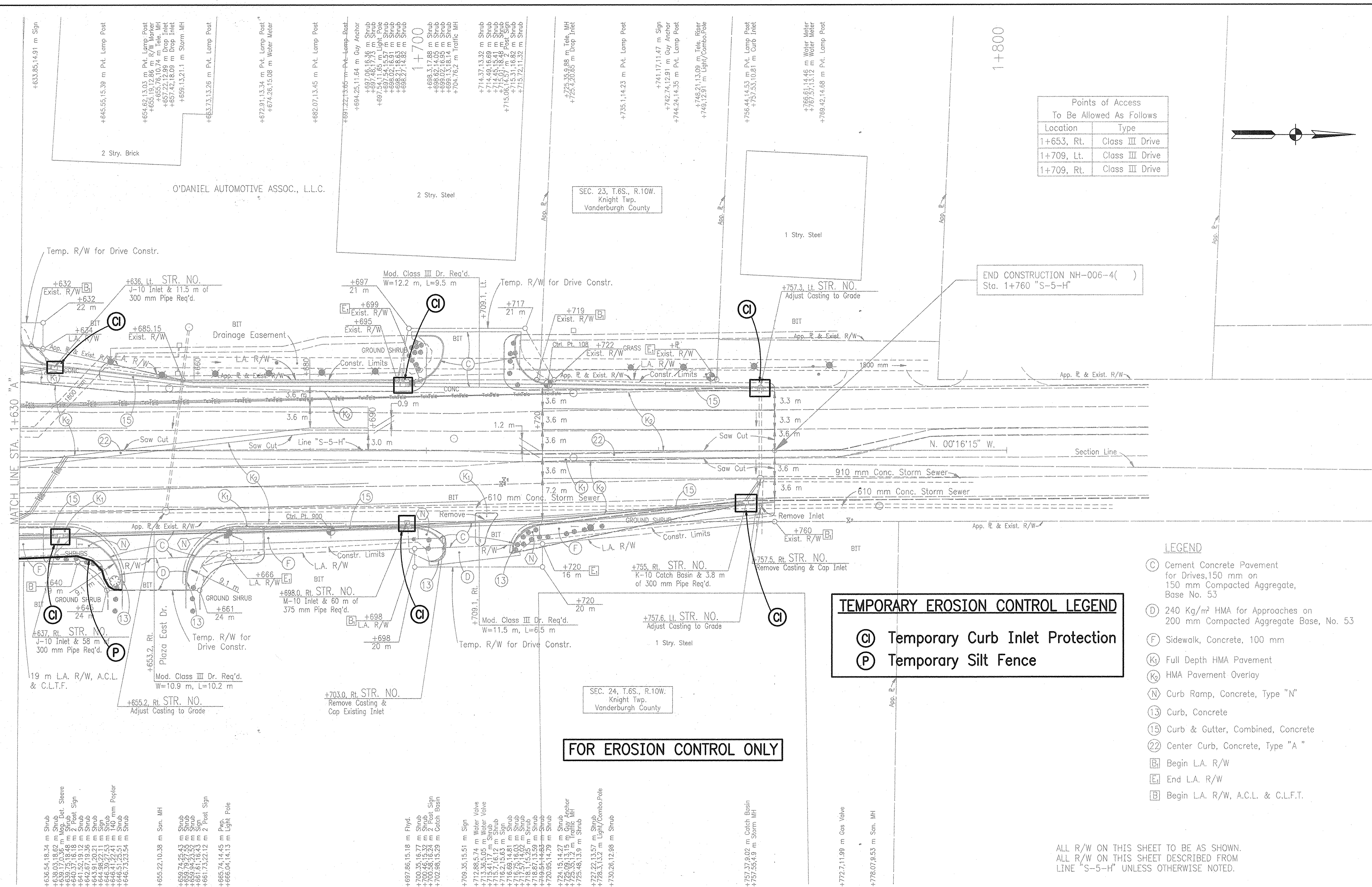
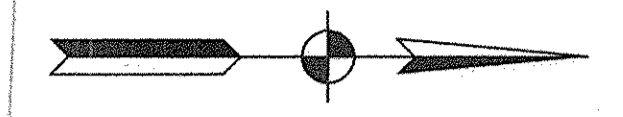
INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL - GREEN RIVER ROAD

BEGIN TO STA. 1+410 "S-5-H"

HORIZONTAL SCALE	1:300	BRIDGE FILE	
VERTICAL SCALE	N/A	DESIGNATION NO.	9223010
SURVEY BOOK		SHEETS	72 of 147
CONTRACT	R-24951	PROJECT NO.	NH-006-4(047)

Points of Access To Be Allowed As Follows	
Location	Type
1+653, Rt.	Class III Drive
1+709, Lt.	Class III Drive
1+709, Rt.	Class III Drive



TEMPORARY EROSION CONTROL LEGEND

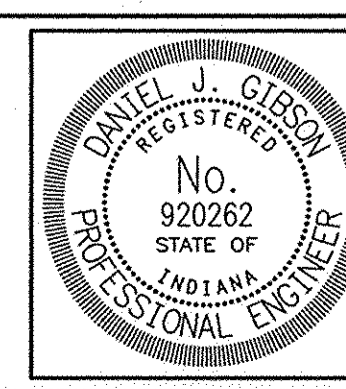
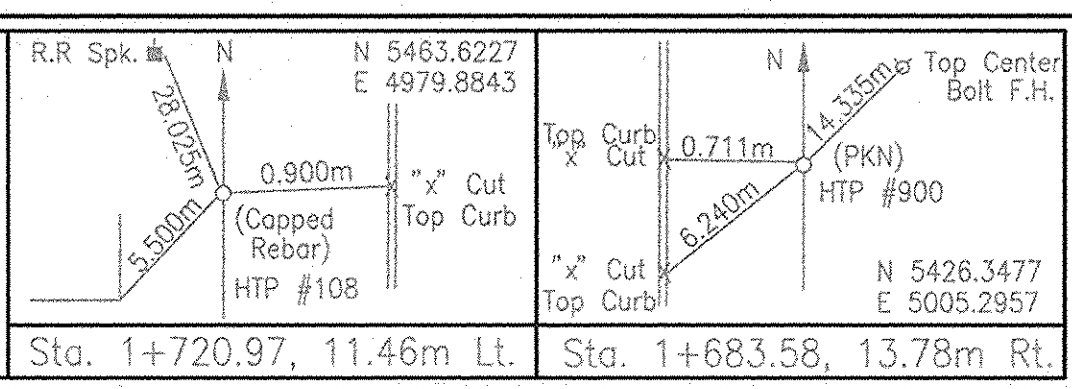
- (C) Temporary Curb Inlet Protection
- (P) Temporary Silt Fence

- LEGEND**
- (C) Cement Concrete Pavement for Drives, 150 mm on 150 mm Compacted Aggregate, Base No. 53
 - (D) 240 Kg/m² HMA for Approaches on 200 mm Compacted Aggregate Base, No. 53
 - (F) Sidewalk, Concrete, 100 mm
 - (K₁) Full Depth HMA Pavement
 - (K₂) HMA Pavement Overlay
 - (N) Curb Ramp, Concrete, Type "N"
 - (13) Curb, Concrete
 - (15) Curb & Gutter, Combined, Concrete
 - (22) Center Curb, Concrete, Type "A"
 - (B) Begin L.A. R/W
 - (E) End L.A. R/W
 - (L) Begin L.A. R/W, A.C.L. & C.L.F.T.

FOR EROSION CONTROL ONLY

ALL R/W ON THIS SHEET TO BE AS SHOWN.
ALL R/W ON THIS SHEET DESCRIBED FROM
LINE "S-5-H" UNLESS OTHERWISE NOTED.

- +636.54, 18.34 m Shrub
- +638.03, 18.62 m Shrub
- +639.17, 0.36 m Agg. Det. Sleeve
- +639.75, 18.48 m Shrub
- +641.20, 19.12 m Sign
- +642.67, 19.36 m Shrub
- +643.91, 20.21 m Sign
- +644.98, 22.11 m Sign
- +645.31, 22.41 m 140 mm Poplar
- +646.51, 25.51 m Shrub
- +646.73, 23.54 m Shrub
- +655.22, 10.38 m Son. MH
- +659.74, 9.43 m Shrub
- +659.79, 9.75 m Shrub
- +659.84, 23.52 m Shrub
- +661.51, 22.42 m 2 Post Sign
- +661.75, 22.42 m 2 Post Sign
- +665.74, 14.45 m Pwn
- +666.04, 14.13 m Light Pole
- +697.86, 15.18 m Flyd.
- +700.35, 16.77 m Shrub
- +700.46, 15.32 m Shrub
- +702.88, 15.29 m Catch Basin
- +709.35, 15.51 m Sign
- +712.88, 5.74 m Water Valve
- +713.36, 5.05 m Water Valve
- +713.41, 16.07 m Shrub
- +716.2, 15.63 m Sign
- +716.69, 14.81 m Shrub
- +716.75, 16.03 m Shrub
- +718.71, 16.29 m Shrub
- +718.67, 13.59 m Shrub
- +719.65, 14.79 m Shrub
- +720.95, 14.27 m Shrub
- +725.09, 13.15 m Guy Anchor
- +725.35, 13.15 m Traffic MH
- +725.46, 13.39 m Shrub
- +727.22, 13.57 m Shrub
- +728.3, 13.2 m Light/Combo.Pole
- +730.26, 12.98 m Shrub
- +757.37, 9.02 m Catch Basin
- +757.55, 9 m Storm MH
- +772.7, 11.99 m Gas Valve
- +778.07, 8.53 m Son. MH

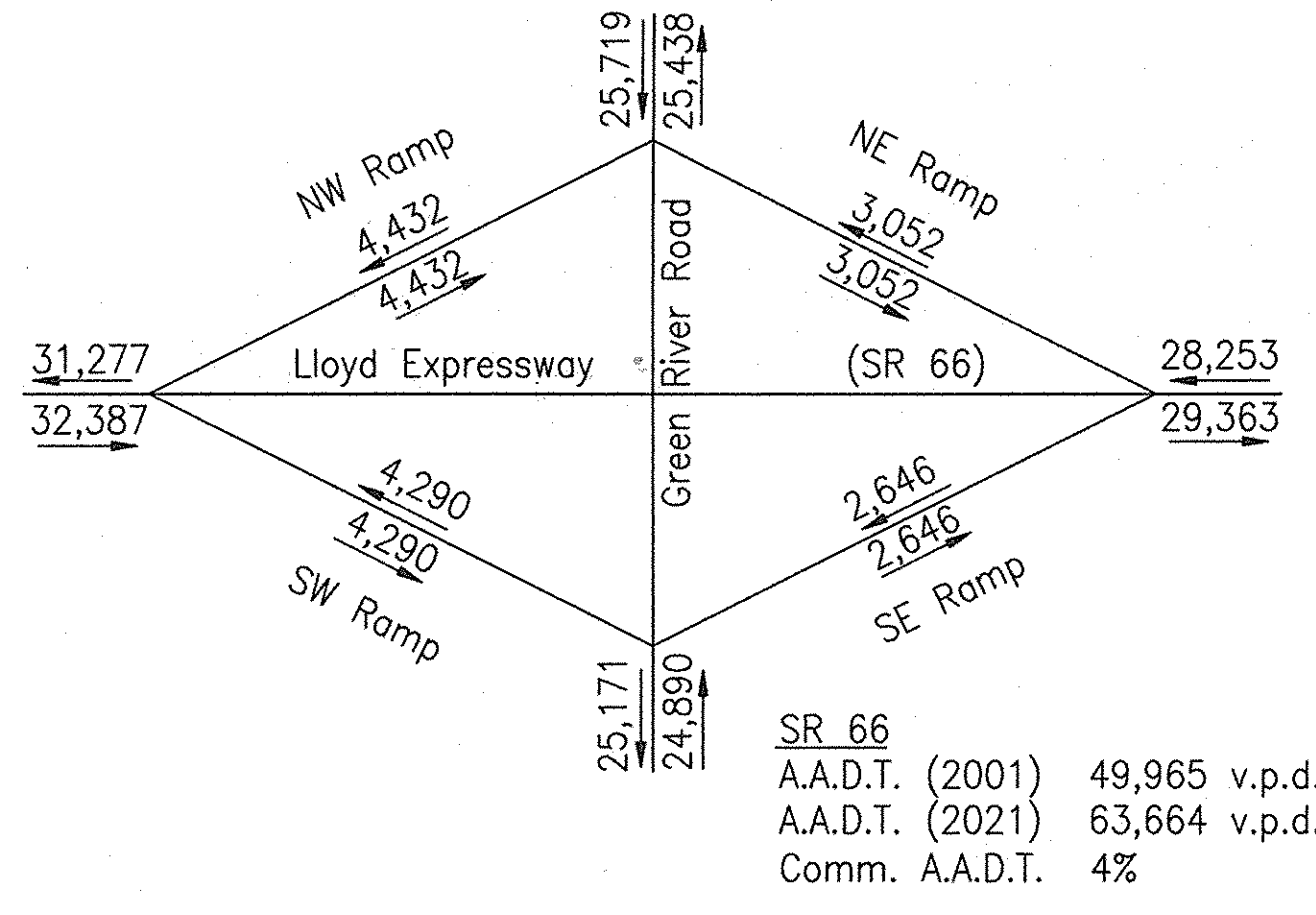


RECOMMENDED FOR APPROVAL	<i>D. O'Neil</i> a/1/62	DATE
DESIGNED BY	DJG	DRAWN BY
CHECKED BY	MAE	CHECKED BY

INDIANA DEPARTMENT OF TRANSPORTATION

EROSION CONTROL. - GREEN RIVER ROAD
STA. 1+630 "S-5-H" TO END

HORIZONTAL SCALE	BRIDGE FILE
1:300	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	74 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

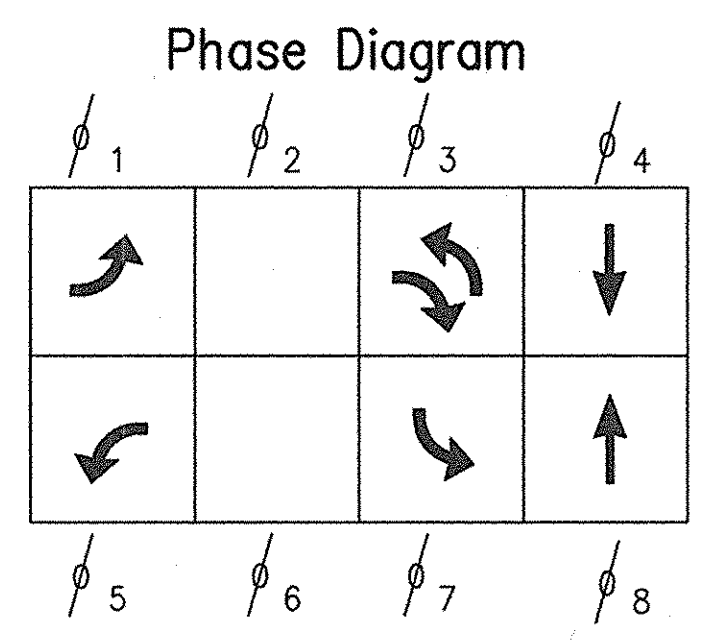


LEGEND

- ➔ Traffic Signal Head, 3 Face, 305 mm Red, Amber, Green
- ➔ Traffic Signal Head, 3 Face, 305 mm Red, Amber Arrow, Green Arrow
- ☐ Controller & Cabinet, Secondary, Menu Driven, 8-Phase on P-1 Foundation
- Signal Strain Pole, Steel, 9.2 m on Signal Support Foundation, 915 mm x 915 mm x 3.7 m
- Signal Pole, Mast Arm 12.2 m on Signal Support Foundation, 900 mm x 900 mm x 2.5 m
- Signal Pedestal, 3.6 m on Signal Pedestal Foundation, A
- Signal Handhole
- Disconnect Hanger
- Preformed Loop Detector
- ⑨ Span, Catenary & Tether
- Conduit, Steel, Galvanized, 50 mm

NOTES:
 Distance to Back Loops on Ramps to be 83.5 m behind Stop Line.
 Backplates Req'd. on all Span Mounted Signal Heads.
 Tunnel Visors Req'd. for ERA & ERB Traffic Signal Heads.
 Interconnect Runs South, East & West.
 Coordinate Signal with City of Evansville System.

LOOP TAGGING TABLE	
LANE	TAG NUMBER
NLA	NLA3-1,2,3,4
NLB	NLB3-1,2,3,4
WLA	WLA5-1,2,3,4
WLB	WLB5-1,2,3,4
WA,WB	WA,B5-1,1
SLA	SLA7-1,2,3,4
SLB	SLB7-1,2,3,4
ELA	ELA1-1,2,3,4
ELB	ELB1-1,2,3,4
EA,EB	EA,B1-1,1
ERA	ERA3-1,2,3,4
ERB	ERB3-1,2,3,4
EC,ED	EC,D3-1,1



SR 66 Ramps Flash Red (Ø1,Ø5)
 Green River Road Flashes Red (Ø3,Ø7)

SR 66 Design Speed = 80 Km/h (50 m.p.h.)
 SR 66 Ramp Design Speed = 60 Km/h (40 m.p.h.)
 Green River Road Design Speed = 50 Km/h (30 m.p.h.)

COMM. NO. 01-082-050

INDIANA DEPARTMENT OF TRANSPORTATION
 DIVISION OF DESIGN

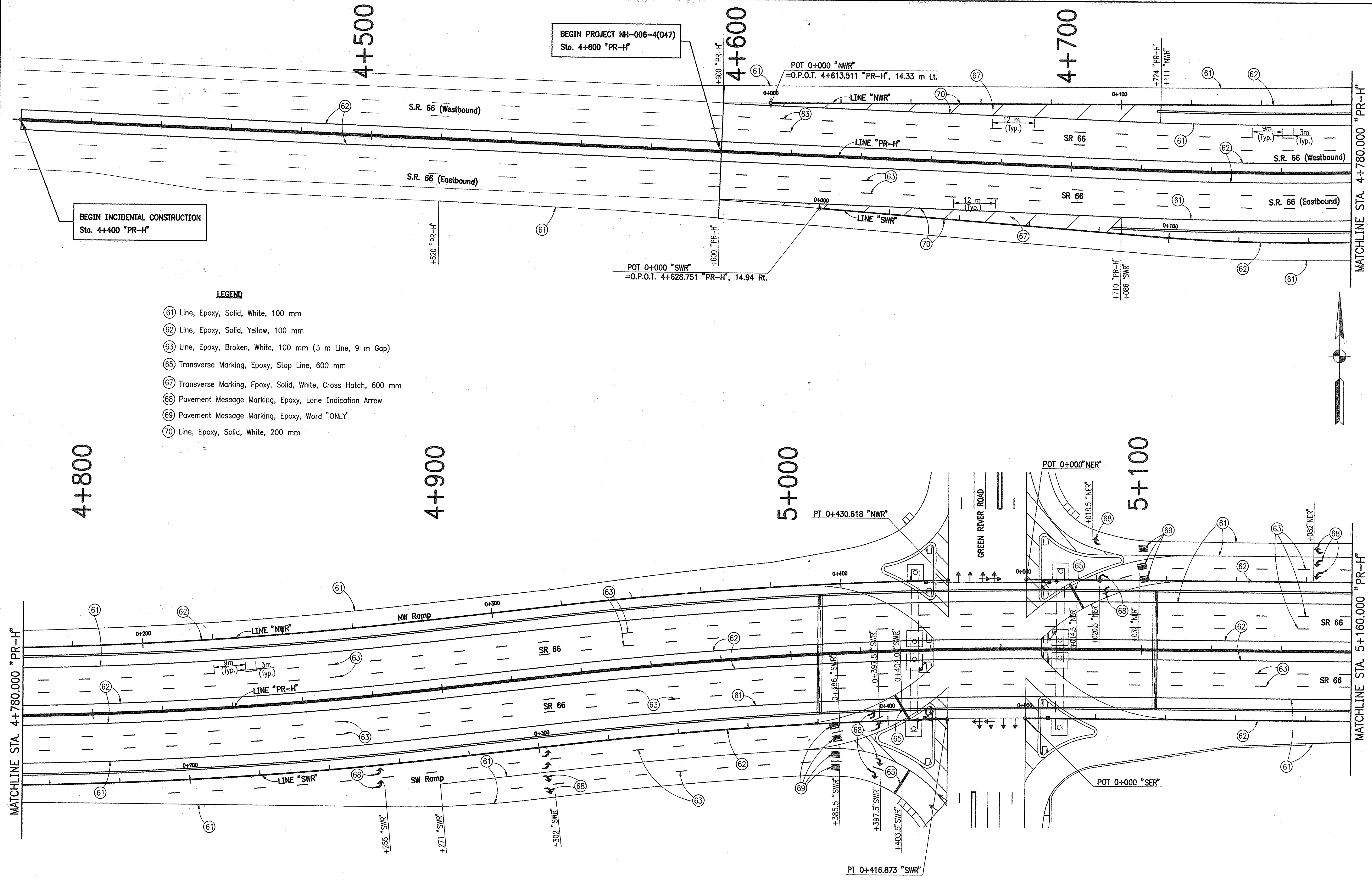
DESIGN ENGINEER: *D. J. G.* DATE: 6-14-01

TRAFFIC SIGNAL MODERNIZATION
S.R. 66 & GREEN RIVER ROAD
EVANSVILLE
VANDERBURGH COUNTY
VINCENNES DISTRICT

CONTRACT NO. R-24951

DES. NO.	PROJECT NO.	YEAR	SHEET	TOTAL
972301A	NH-006-4(047)	2001	75	147

SCALE: 1:300



BEGIN INCIDENTAL CONSTRUCTION
Sta. 4+400 "PR-H"

BEGIN PROJECT NH-006-4(047)
Sta. 4+600 "PR-H"

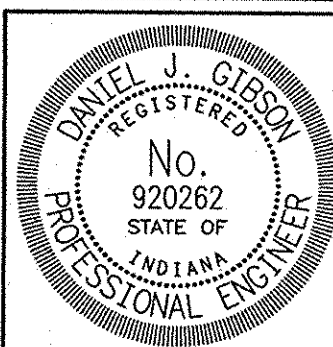
- LEGEND**
- (61) Line, Epoxy, Solid, White, 100 mm
 - (62) Line, Epoxy, Solid, Yellow, 100 mm
 - (63) Line, Epoxy, Broken, White, 100 mm (3 m Line, 9 m Gap)
 - (65) Transverse Marking, Epoxy, Stop Line, 600 mm
 - (67) Transverse Marking, Epoxy, Solid, White, Cross Hatch, 600 mm
 - (68) Pavement Message Marking, Epoxy, Lane Indication Arrow
 - (69) Pavement Message Marking, Epoxy, Word "ONLY"
 - (70) Line, Epoxy, Solid, White, 200 mm

MATCHLINE STA. 4+780.000 "PR-H"

MATCHLINE STA. 4+780.000 "PR-H"

MATCHLINE STA. 5+160.000 "PR-H"

MATCHLINE STA. 5+160.000 "PR-H"



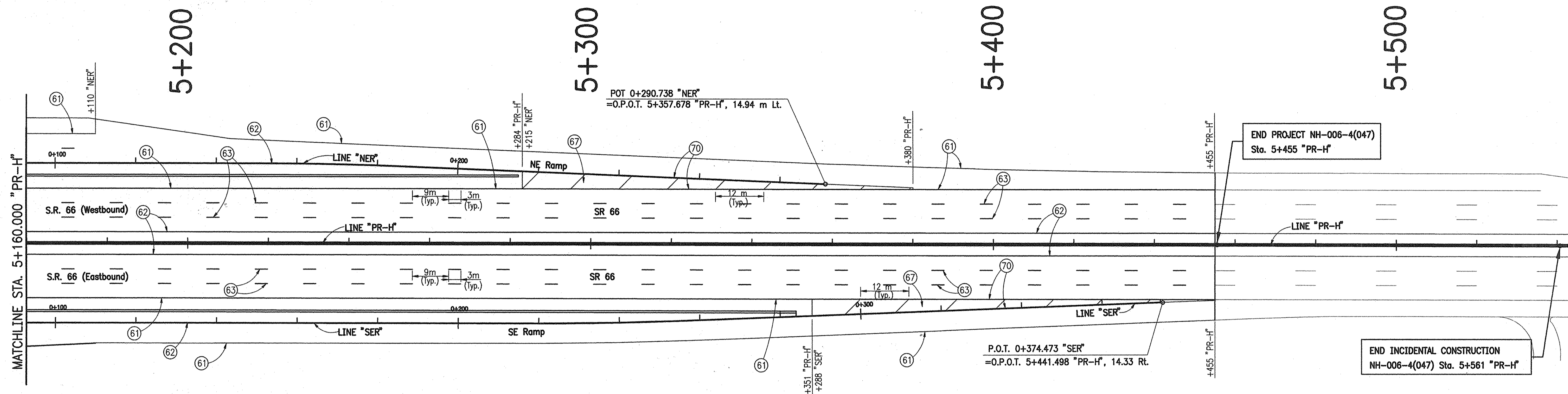
RECOMMENDED FOR APPROVAL *D. J. Gibson* 4/6/02
DESIGN/ENGINEER DATE

DESIGNED: DJG DRAWN: LZH
CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
LINE "PR-H" S.R. 66

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	76 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)



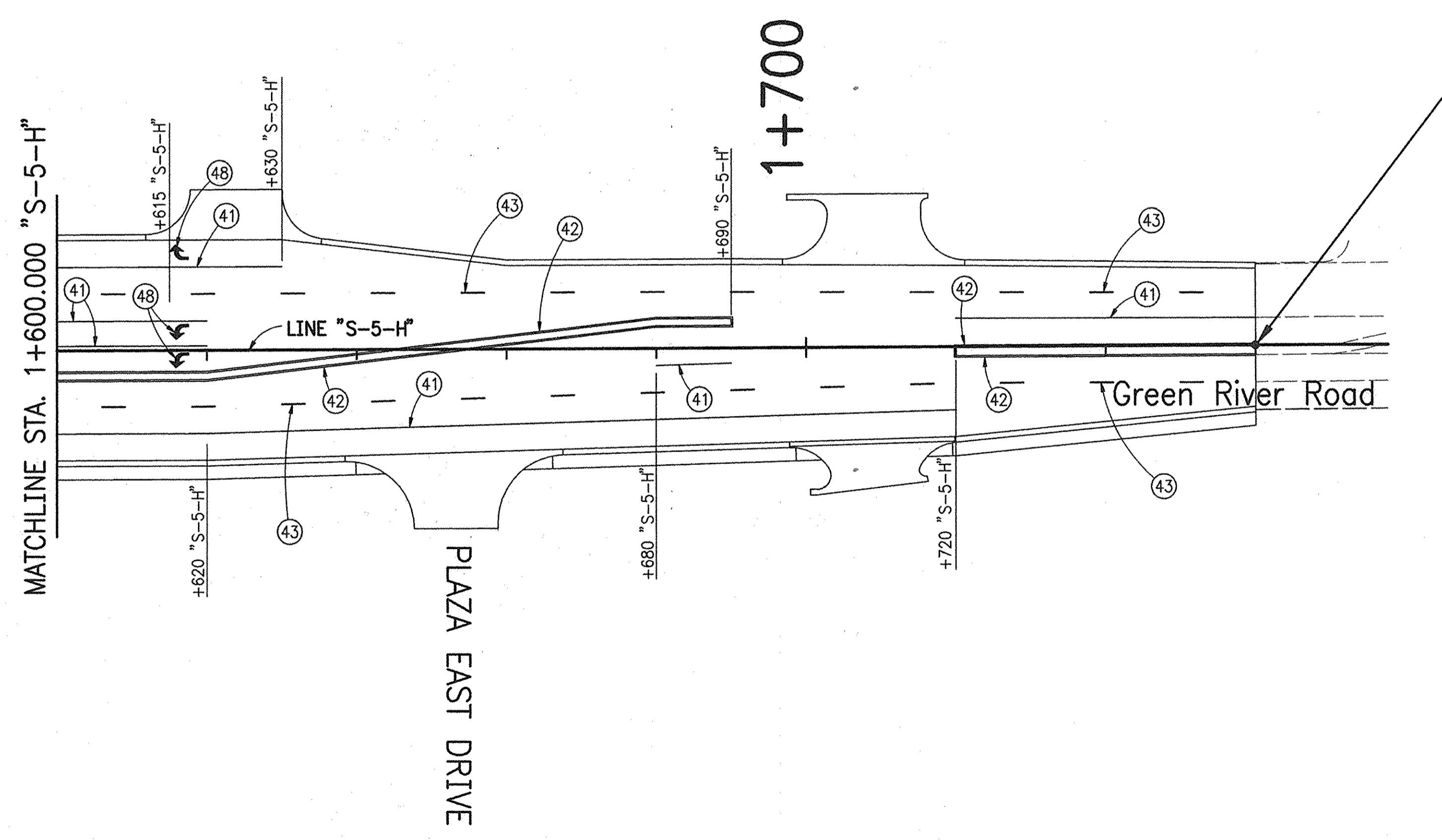
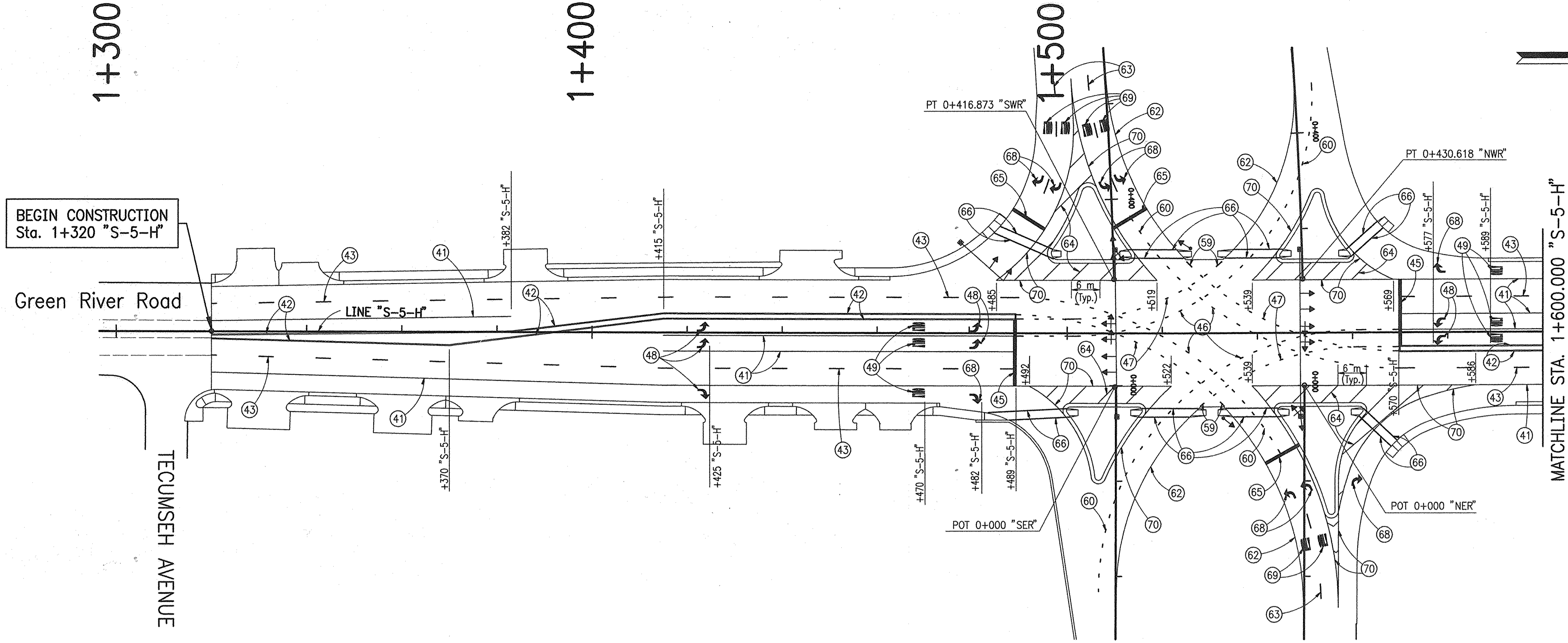
LEGEND

- (61) Line, Epoxy, Solid, White, 100 mm
- (62) Line, Epoxy, Solid, Yellow, 100 mm
- (63) Line, Epoxy, Broken, White, 100 mm (3 m Line, 9 m Gap)
- (67) Transverse Marking, Epoxy, Solid, White, Cross Hatch, 600 mm
- (70) Line, Epoxy, Solid, White, 200 mm

D:\Project\3307\Plans\10_Pavement_Markings\3307\pvt\62.dwg Tue Apr 30 14:56:53 2002 DLG

		RECOMMENDED FOR APPROVAL		DATE	4/1/02	INDIANA DEPARTMENT OF TRANSPORTATION PAVEMENT MARKING LINE "PR-H" S.R. 66	HORIZONTAL SCALE	BRIDGE FILE
		DESIGNED: DJG	DRAWN: LZH	CHECKED: MAE	CHECKED: DJG		1:500	DESIGNATION
							SURVEY BOOK	SHEETS
							CONTRACT	77 of 147
							R-24951	PROJECT
								NH-006-4(047)

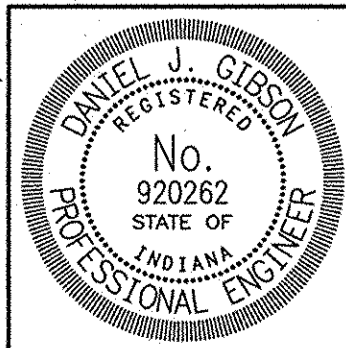
D:\Project\3307\Plans\10_Pavement_Markings\3307\pvt3.dwg Tue Apr 30 14:57:05 2002 D.J.G.



END CONSTRUCTION
Sta. 1+760 "S-5-H"

LEGEND

- ④1 Line, Thermoplastic, Solid, White, 100 mm
- ④2 Line, Thermoplastic, Solid, Yellow, 100 mm
- ④3 Line, Thermoplastic, Broken, White, 100 mm (3 m Line, 9 m Gap)
- ④5 Transverse Marking, Thermoplastic, Stop Line, 600 mm
- ④6 Line, Thermoplastic, Dotted, White, 100 mm (600 mm Line, 1200 mm Gap)
- ④7 Line, Thermoplastic, Dotted, Yellow, 100 mm (600 mm Line, 1200 mm Gap)
- ④8 Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- ④9 Pavement Message Marking, Thermoplastic, Word "ONLY"
- ⑤9 Line, Epoxy, Dotted, Yellow, 100 mm (600 mm Line, 1200 mm Gap)
- ⑥0 Line, Epoxy, Dotted, White, 100 mm (600 mm Line, 1200 mm Gap)
- ⑥1 Line, Epoxy, Solid, White, 100 mm
- ⑥2 Line, Epoxy, Solid, Yellow, 100 mm
- ⑥3 Line, Epoxy, Broken, White, 100 mm (3 m Line, 9 m Gap)
- ⑥4 Transverse Marking, Epoxy, Solid, White, Cross Hatch, 300 mm
- ⑥5 Transverse Marking, Epoxy, Stop Line, 600 mm
- ⑥6 Transverse Markings, Epoxy, Crosswalk, Line, 150 mm
- ⑥8 Pavement Message Marking, Epoxy, Lane Indication Arrow
- ⑥9 Pavement Message Marking, Epoxy, Word "ONLY"
- ⑦0 Line, Epoxy, Solid, White, 200 mm



RECOMMENDED FOR APPROVAL: *D.J.G.* 4/1/02
DESIGN ENGINEER DATE

DESIGNED: DJG DRAWN: LZH
CHECKED: MAE CHECKED: DJG

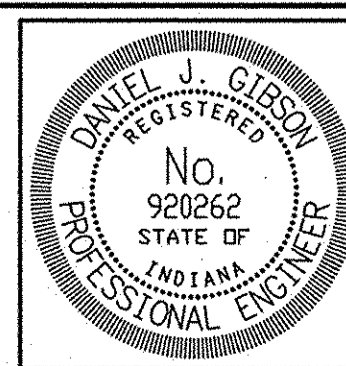
INDIANA DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
LINE "S-5-H" (GREEN RIVER ROAD)

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
N/A	9223010
SURVEY BOOK	SHEETS
	78 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

PAVEMENT MARKING QUANTITIES

DESCRIPTION	COLOR	LOCATION	LENGTH (m)	PAY LENGTH (m)	DESCRIPTION	COLOR	LOCATION	LENGTH (m)	PAY LENGTH (m)	DESCRIPTION	COLOR	LOCATION	LENGTH (m)	PAY LENGTH (m)
(41) LINE, THERMOPLASTIC, SOLID WHITE, 100 mm	WHITE	1+320 Lt. to 1+382 Lt. "S-5-H" 1+320 Rt. to 1+492 Rt. "S-5-H" 1+415 Rt. to 1+489 Rt. "S-5-H" 1+570 Lt. to 1+620 Lt. "S-5-H" 1+570 Lt. to 1+630 Lt. "S-5-H" 1+585 Rt. to 1+720 Rt. "S-5-H" 1+680 Rt. to 1+690 Rt. "S-5-H" 1+720 Lt. to 1+760 Lt. "S-5-H"	62 172 74 50 61 134 10 40	62 172 148 100 61 134 10 40	(59) LINE, EPOXY, DOTTED, YELLOW, 100 mm (600 mm LANE, 1200 mm GAP)	YELLOW	0+426, Rt. to 0+430, Rt. "NWR" 0+413, Lt. to 0+417, Lt. "SWR" 0+000, Rt. to 0+005, Rt. "NER" 0+000, Lt. to 0+005, Lt. "SER"	7 6 6 7	2.5 2 2 2.5	(67) LINE, EPOXY, SOLID WHITE, CROSSHATCH, 600 mm	WHITE	4+600 Rt. to 4+710 Rt. "PR-H" 4+600 Lt. to 4+724 Lt. "PR-H" 5+284 Lt. to 5+380 Lt. "PR-H" 5+351 Rt. to 5+455 Rt. "PR-H"	44 57 38 42	44 57 38 42
		TOTAL		727			TOTAL		9			TOTAL		181
(42) LINE, THERMOPLASTIC, SOLID YELLOW, 100 mm	YELLOW	1+320 Rt. to 1+489 Lt. "S-5-H" 1+570 Rt. to 1+690 Lt. "S-5-H" 1+720 Lt. to 1+760 Lt. "S-5-H" 1+720 Rt. to 1+760 Rt. "S-5-H"	169 120 41 41	338 240 41 41	(60) LINE, EPOXY, DOTTED, WHITE, 100 mm (600 mm LANE, 1200 mm GAP)	WHITE	0+390, Lt. to 0+430, Rt. "NWR" 0+407, Lt. to 0+417, Lt. "SWR" 0+000, Rt. to 0+015, Rt. "NER" 0+000, Lt. to 0+043, Rt. "SER"	47 17 18 48	15.5 5.5 6 16	(68) PAVEMENT MESSAGE MARKING, EPOXY, LANE INDICATION ARROW	WHITE	1+482 "S-5-H" 1+577 "S-5-H" 0+302 "SWR" 0+397.5 "SWR" 0+018.5 "NER" 0+020.5 "NER" 0+082 "NER"	1 1 4 4 1 2 3	1 1 4 4 1 2 3
		TOTAL		578			TOTAL		43			TOTAL		16
(43) LINE, THERMOPLASTIC, BROKEN WHITE, 100 mm (3 m Line, 9 m Gap)	WHITE	1+320 Lt. to 1+489 Lt. "S-5-H" 1+320 Rt. to 1+489 Rt. "S-5-H" 1+570 Lt. to 1+760 Lt. "S-5-H" 1+570 Rt. to 1+760 Rt. "S-5-H"	169 169 190 190	42.5 42.5 47.5 47.5	(61) LINE, EPOXY, SOLID, WHITE, 100 mm	WHITE	4+520 Rt. to 4+629 Rt. "PR-H" 4+600 Rt. to 4+614 Rt. "PR-H" 4+710 Rt. to 5+351 Rt. "PR-H" 4+724 Lt. to 5+284 Lt. "PR-H" 5+358 Lt. to 5+455 Lt. "PR-H" 5+380 Lt. to 5+455 Lt. "PR-H" 5+441 Rt. to 5+455 Lt. "PR-H" 0+000 Lt. to 0+431 Lt. "NWR" 0+000 Rt. to 0+417 Lt. "SWR" 0+271 Rt. to 0+374 Rt. "SWR" 0+000 Lt. to 0+291 Lt. "NER" 0+047 Lt. to 0+110 Lt. "NER" 0+000 Rt. to 0+374 Rt. "SER"	109 14 641 560 97 75 14 456 433 103 309 63 387	109 14 641 560 97 75 14 456 433 103 309 63 387	(69) PAVEMENT MESSAGE MARKING, EPOXY, WORD, "ONLY"	WHITE	0+385.5 "SWR" 0+032 "NER"	4 3	4 3
		TOTAL		180			TOTAL		3261			TOTAL		7
(45) TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, 600 mm	WHITE	1+489 Rt. "S-5-H" 1+570 Lt. "S-5-H"	14 14	14 14	(62) LINE, EPOXY, SOLID, YELLOW, 100 mm	YELLOW	4+400 Lt. to 5+561 Lt. "PR-H" 4+400 Rt. to 5+561 Rt. "PR-H" 0+111, Rt. to 0+431, Rt. "NWR" 0+086, Lt. to 0+417, Lt. "SWR" 0+005, Rt. to 0+216, Rt. "NER" 0+005, Lt. to 0+288, Lt. "SER"	1161 1161 319 331 216 289	1161 1161 319 331 216 289	(70) LINE, EPOXY, SOLID, 200 mm	WHITE	1+485 Lt. to 1+519 Lt. "S-5-H" 1+492 Rt. to 1+522 Rt. "S-5-H" 1+539 Lt. to 1+569 Lt. "S-5-H" 1+539 Rt. to 1+586 Rt. "S-5-H" 4+600 Rt. to 4+710 Rt. "PR-H" 4+600 Lt. to 4+724 Lt. "PR-H" 0+413, Lt. to 0+431, Lt. "NWR" 0+413, Lt. to 0+431, Lt. "NWR" 0+374, Rt. to 0+417, Lt. "SWR" 0+000, Lt. to 0+047 Lt. "NER" 0+000, Rt. to 0+047, Lt. "NER" 0+000, Lt. to 0+020 Rt. "SER" 0+000, Rt. to 0+020, Rt. "SER" 5+284 Lt. to 5+380 Lt. "PR-H" 5+351 Rt. to 5+455 Rt. "PR-H"	34 30 30 47 110 124 24 22 47 48 63 51 24 24 96 104	34 30 30 47 220 248 24 22 47 48 63 51 24 24 192 208
		TOTAL		28			TOTAL		3477			TOTAL		1312
(46) LINE, THERMOPLASTIC, DOTTED, WHITE, 100 mm (600 mm LANE, 1200 mm GAP)	WHITE	1+489 Lt. to 1+534 Rt. "S-5-H" 1+489 Rt. to 1+534 Lt. "S-5-H" 1+524 Lt. to 1+570 Rt. "S-5-H" 1+527 Rt. to 1+570 Lt. "S-5-H"	50 47 51 45	17 16 17 15	(63) LINE, EPOXY, BROKEN, WHITE, 100 mm (3 m Line, 9 m Gap)	WHITE	4+600 Lt to 5+455 Lt. "PR-H" 4+600 Rt to 5+455 Rt. "PR-H" 0+194 Rt. to 0+404 Lt. "SWR" 0+271 Rt. to 0+403.5 Rt. "SWR" 1+014.5 Rt. to 0+110 Lt. "NER"	855 855 210 132.5 95.5	427.5 427.5 52 33 24			TOTAL		964
		TOTAL		65			TOTAL		964			TOTAL		200
(47) LINE, THERMOPLASTIC, DOTTED, YELLOW, 100 mm (600 mm LANE, 1200 mm GAP)	YELLOW	1+489 Lt. to 1+528 Rt. "S-5-H" 1+489 Lt. to 1+529 Lt. "S-5-H" 1+529 Lt. to 1+570 Rt. "S-5-H" 1+534 Rt. to 1+570 Rt. "S-5-H"	40.5 43.5 44.5 38	13.5 14.5 15 13	(64) TRANSVERSE MARKING, EPOXY, SOLID, WHITE, CROSS HATCH, 300 mm	WHITE	1+485 Lt. to 1+519 Lt. "S-5-H" 1+492 Rt. to 1+522 Rt. "S-5-H" 1+539 Lt. to 1+569 Lt. "S-5-H" 1+539 Rt. to 1+586 Rt. "S-5-H"	50 50 50 50	50 50 50 50			TOTAL		200
		TOTAL		56			TOTAL		200			TOTAL		24
(48) PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW	WHITE	1+425 "S-5-H" 1+482 "S-5-H" 1+577 "S-5-H" 1+615 "S-5-H"	3 2 2 3	3 2 2 3	(65) TRANSVERSE MARKING, EPOXY STOP LINE, 600 mm	WHITE	0+403.5 Rt. "SWR" 0+404 Lt. "SWR" 0+014.5 Rt. "NER"	8 8 8	8 8 8			TOTAL		24
		TOTAL		10 EA.			TOTAL		24			TOTAL		26
(48) PAVEMENT MESSAGE MARKING, THERMOPLASTIC, WORD "ONLY"	WHITE	1+470 "S-5-H" 1+577 "S-5-H"	3 3	3 3	(66) TRANSVERSE MARKING, EPOXY CROSSWALK LINE, 150 mm	WHITE	1+485, Lt. to 1+497, Lt. "S-5-H" 1+486, Rt. to 1+499, Rt. "S-5-H" 1+513, Lt. to 1+524, Lt. "S-5-H" 1+515, Rt. to 1+528, Rt. "S-5-H" 1+534, Lt. to 1+544, Lt. "S-5-H" 1+534, Rt. to 1+544, Rt. "S-5-H" 1+560, Lt. to 1+569, Lt. "S-5-H" 1+562, Rt. to 1+569, Rt. "S-5-H"	13 13 11 13 10 10 9 9	26 26 22 26 20 20 18 18			TOTAL		176
		TOTAL		6 EA.			TOTAL		176			TOTAL		



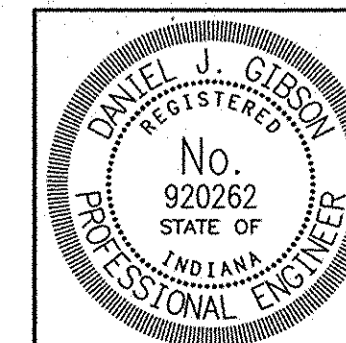
RECOMMENDED FOR APPROVAL *D.J.G.* 6/14/01
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: MTM
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION NO.
1:1000	9223010
SURVEY BOOK	SHEETS
	80 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	B-BORROW FOR STR. BACKFILL	REVETMENT RIPRAP	CONCRETE, CLASS A, FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS	
	STATION	LEFT	RIGHT							CROSS	UP STREAM									DOWN STREAM	TYPE	SLOPE	EA.	SLOPE			EA.
36	4+861.8 "PR-H"	X			375	--	S-14 Inlet	1	1.6	120.963	120.953	75	N	6.5	1	1.7											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.
37	4+864.9 "PR-H"		X				Existing Inlet																				Reconstruct 1.1 m of Inlet & Adjust Casting to Grade
38	4+908.5 "PR-H"		X				Existing Manhole																				Reconstruct 1.0 m of Manhole & Adjust Casting to Grade
39	4+910.6 "PR-H"	X			375	--	S-14 Inlet	1	1.2	122.806	122.791	75	N	6.5	1	1.5											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collars Req'd.
40	4+910.6 "PR-H"	X					Existing Inlet																				Remove Casting & Cap Existing Inlet
41	4+910.6 "PR-H"		X				Existing Inlet																				Reconstruct 1.0 m of Inlet & Adjust Casting to Grade
42	4+910.8 "PR-H"		X		375	--	S-14 Inlet	1	1.4	122.856	122.834	75	N	6.5	1	1.9											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.
43	4+925.0 "PR-H"	X			300	2	Mod. H-5 Inlet	14	0.3	124.219	122.897	75	N	6.5	1	20.0								40			
44	4+951.9 "PR-H"		X		375	--	S-14 Inlet	1	1.5	123.797	123.786	75	N	6.5	1	1.6											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.
45	4+953.2 "PR-H"	X					Existing Inlet																				Reconstruct 0.9 m of Inlet & Adjust Casting to Grade
46	4+953.8 "PR-H"		X				Existing Manhole																				Reconstruct 0.8 m of Manhole & Adjust Casting to Grade
47	Not Used																										
48	4+997.0 "PR-H"			X	375	2	Mod. H-5 Inlet	1.2	0.6	125.325	125.280	75	N	6.5	1	1.3								49			
49	4+997.0 "PR-H"		X		375	--	C-4 Manhole	1	1.4	124.375	124.349	75	N	6.5	1	2.0											Connect to Existing 375 mm Pipe
50	4+997.0 "PR-H"		X		375	2	S-14 Inlet	13.8	0.4	124.980	124.700	75	N	6.5	1	17.0								49			
51	Not Used																										
52	5+105.4 "PR-H"	X					Existing Inlet																				Remove Existing Inlet
53	5+105.4 "PR-H"		X				Existing Inlet																				Remove Existing Inlet
54	5+105.5 "PR-H"		X				Existing Inlet																				Remove Existing Inlet
55	5+166.4 "PR-H"		X		375	--	S-14 Inlet	1	1.1	123.825	123.817	75	N	6.5	1	1.4											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.
56	5+167.0 "PR-H"	X					Existing Inlet																				Reconstruct 0.4 m of Inlet & Adjust Casting to Grade
56A	5+167.0 "PR-H"		X				Existing Inlet																				Reconstruct 0.4 m of Inlet & Adjust Casting to Grade
57	5+167.3 "PR-H"	X			375	--	S-14 Inlet	1	1.1	123.825	123.817	75	N	6.5	1	1.4											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.
58	5+228.3 "PR-H"	X			375	--	S-14 Inlet	1	1.2	121.920	121.912	75	N	6.5	1	1.5											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.
59	5+228.3 "PR-H"		X		375	--	S-14 Inlet	1	1.2	121.920	121.912	75	N	6.5	1	1.5											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.
60	5+229.3 "PR-H"	X					Existing Inlet																				Reconstruct 0.3 m of Inlet & Adjust Casting to Grade



RECOMMENDED FOR APPROVAL *D.J.G.* 9/12/02
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
 STRUCTURE DATA

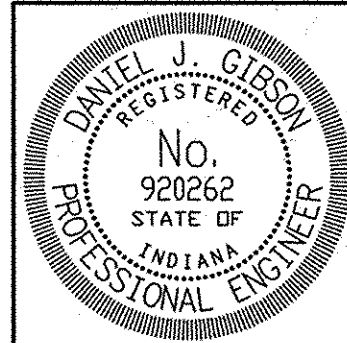
HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	86 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

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UNDERDRAIN TABLE

UNDERDRAIN - LEFT EDGE OF PAVEMENT												OUTLET - LEFT EDGE OF PAVEMENT						UNDERDRAIN - EASTBOUND RIGHT EDGE OF PAVEMENT												OUTLET - EASTBOUND RIGHT EDGE OF PAVEMENT																	
BEGIN		END		PIPE DIA. (mm)		SPECIAL GRADE	AGGREGATE FOR UNDERDRAINS		GEOTEXTILE FOR UNDERDRAINS		INTERCEPT	END		OUTFALL TYPE			STR. NO.	STR. INV./DITCH FL. ELEVATION AT OUTLET	PIPE	REMARKS	BEGIN		END		PIPE DIA. (mm)		SPECIAL GRADE	AGGREGATE FOR UNDERDRAINS		GEOTEXTILE FOR UNDERDRAINS		INTERCEPT	END		OUTFALL TYPE			STR. NO.	STR. INV./DITCH FL. ELEVATION AT OUTLET	PIPE	REMARKS						
STA.	ELEV.	STA.	ELEV.	100	150	%	m ³	m ²	STA.	ELEV.	STA.	ELEV.	1	2	3	STA.					ELEV.	STA.	ELEV.	100	150	%	m ³	m ²	STA.	ELEV.	STA.	ELEV.	1	2	3	STA.	ELEV.					STA.	ELEV.	1	2	3	
Underdrain Totals																																															
Pipe, Type 4, Circular, 150 mm = 4133 m																																															
Pipe, Underdrain Outlet, 150 mm = 117.8 m																																															
(14 Elbows @ 0.6 m) = 8.4 m																																															
Total = 126.2 m																																															
Geotextile for Underdrains = 15561.8 m ²																																															
Aggregate for Underdrains = 772.7 m ³																																															
Outlet Protector, Type 1 = 1 each																																															
Outlet Protector, Type 3 = 2 each																																															
Structure Backfill B-Borrow = 17 m ³																																															
Line "NER"																																															
0+091	119.387	0+160	121.600	69	0.32	12.9	277.4	0+091	119.387	0+69.3	119.247				*	119.097	28	2	Special Grade Req'd.	0+000	118.918	0+115	118.688	115	0.20	21.5	462.3	0+115	118.688	0+115	118.688				1		118.484	2.5	1	Special Grade Req'd.							
0+160	121.600	0+215	120.013	55	0.29	10.3	277.4	0+215	120.013	0+215	120.013				134	119.863			Special Grade Req'd.	0+115	118.688	0+272	118.374	157	0.20	29.4	631.1	0+272	118.374	0+272	118.374				124	118.374			Special Grade Req'd.								
0+215	120.013	0+283	118.458	68	0.23	12.7	277.4	0+283	118.458	0+283	118.458				134	118.308			Special Grade Req'd.	0+272	118.374	0+382	117.924	110	0.41	20.6	442.2	0+320	117.924	0+320	117.924				129	117.924			Special Grade Req'd.								
Line "NWR"																																															
0+318	118.010	0+400	117.921	82	0.22	15.3	277.4	0+400	117.921	0+400	117.921				134	114.667			Special Grade Req'd.	0+045	117.936	0+110	118.066	65	0.20	12.2	261.3	0+040	117.936	0+040	117.936				138	117.936			Special Grade Req'd.								
Subtotal				274		51.2	1109.6					28	2													Total	1633	305.4	6093.8					43.5	7												

D:\Project\3307\Plans\14_Underdrain Table\ud02.dwg @ 1000 m - Sep. 11, 2002 4:07 p.m.



RECOMMENDED FOR APPROVAL: *Daniel J. Gleason* 9/12/02
 DESIGN ENGINEER DATE

DESIGNED: DPF DRAWN: DPF
 CHECKED: DJG CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION

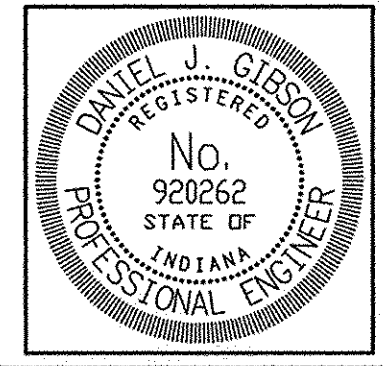
SR 66 & GREEN RIVER ROAD UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	84 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

UNDERDRAIN TABLE

UNDERDRAIN - WESTBOUND LANES OUTSIDE EDGE													OUTLET - WESTBOUND LANES OUTSIDE EDGE													UNDERDRAIN - MEDIAN													OUTLET - MEDIAN												
BEGIN		END		PIPE DIA. (mm)		SPECIAL GRADE		AGGREGATE FOR UNDERDRAINS		GEOTEXTILE FOR UNDERDRAINS		INTERCEPT		END		OUTFALL TYPE			STR. NO.	STR. INV./DITCH FL. ELEVATION AT OUTLET	PIPE	B-BORROW FOR STR. BACKFILL	REMARKS	BEGIN		END		PIPE DIA. (mm)		SPECIAL GRADE		AGGREGATE FOR UNDERDRAINS		GEOTEXTILE FOR UNDERDRAINS		INTERCEPT		END		OUTFALL TYPE			STR. NO.	STR. INV./DITCH FL. ELEVATION AT OUTLET	PIPE	B-BORROW FOR STR. BACKFILL	REMARKS				
STA.	ELEV.	STA.	ELEV.	100	150	%	m ²	m ²	STA.	ELEV.	STA.	ELEV.	1	2	3	STA.	ELEV.	STA.						ELEV.	100	150	%	m ²	m ²	STA.	ELEV.	STA.	ELEV.	1	2	3	STA.	ELEV.	STA.	ELEV.	1	2						3			
Line "PR-H"																							Line "PR-H"																												
4+600	118.438	4+684	118.270		84		15.7	337.7	4+684	118.270	4+684	118.270				19	118.120							4+400	119.116	4+527	118.721		127		23.7	510.5	4+527	118.721	4+527	118.610	1			11	118.022	22.3	4	Outlet to Ditch, Rt.							
																									4+527	118.721	4+618	118.503		91		17.0	365.8	4+618	118.503	4+618	118.383		1	14	118.189	24.0	4	Outlet to Ditch, Rt.							
																									4+618	118.653	4+660	118.552		42		7.8	168.8	4+660	118.552	4+660	118.552			17	118.302				2 Elbow's Req'd.						
																									4+660	118.402	4+684	118.355		24		4.5	96.5	4+684	118.355	4+684	118.355			20	118.182				Mod. Trench Depth						
																									4+684	118.355	4+719	118.518		35		6.6	140.5	4+684	118.355	4+684	118.355			20	118.182										
																									4+719	118.818	4+770	119.638		51		9.5	204.8	4+719	118.818	4+719	118.818			24	118.737				Mod. Trench Depth						
																									4+770	119.338	4+819	120.878		49		9.2	197.0	4+770	119.338	4+770	119.338			27	119.0										
																									4+819	120.878	4+862	122.386		43		8.0	172.8	4+819	120.878	4+819	120.878			33	119.9										
																									4+862	122.386	4+911	123.959		49		9.2	147.0	4+862	122.386	4+862	122.386			36	120.803										
																									4+925	124.259	4+953	125.219		28		5.2	125.2	4+925	124.259	4+925	124.259			43	124.219				Mod. Trench Depth						
																									4+953	124.919	4+997	125.540		44		8.2	196.7	4+953	124.919	4+953	124.919			45	124.031										
																									5+105	125.395	5+167	124.240		62		11.6	249.2	5+167	124.240	5+167	124.240			56	123.8										
																									5+167	124.240	5+229	122.303		62		11.6	249.2	5+229	122.303	5+229	122.303			60	121.8										
																									5+229	122.303	5+288	119.995		59		11.0	237.2	5+288	119.995	5+288	119.995			63	119.6										
																									5+288	119.995	5+350	118.383		62		11.6	249.2	5+350	118.383	5+350	118.383			64	118.2										
																									5+350	118.683	5+396	118.265		46		8.6	184.9	5+396	118.265	5+396	118.265			66	118.2				Mod. Trench Depth						
																									5+396	118.265	5+402	118.259		6		1.1	24.1	5+402	118.259	5+402	118.259			67	118.102				Mod. Trench Depth						
																									5+402	118.259	5+420	118.310		18		3.4	72.4	5+402	118.259	5+402	118.259			67	118.102				Mod. Trench Depth						
																									5+420	118.160	5+479	118.581		59		11.0	237.2	5+420	118.160	5+420	118.160			68	118.046				Mod. Trench Depth						
																									5+479	118.581	5+555	119.128		76		14.2	305.5	5+479	118.581	5+479	118.581			69	118.4				Mod. Trench Depth						
																									5+555	119.128	5+561	119.171		6		1.1	24.1	5+555	119.128	5+555	119.128			70	118.9				Mod. Trench Depth						
SUBTOTAL																							SUBTOTAL																												

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RECOMMENDED FOR APPROVAL: *D. Gibson* 9/12/02
 DESIGN ENGINEER DATE
 DESIGNED: DPF DRAWN: DPF
 CHECKED: DJG CHECKED: DJG

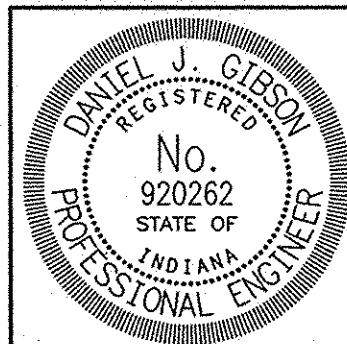
INDIANA DEPARTMENT OF TRANSPORTATION
 SR 66 & GREEN RIVER ROAD
 UNDERDRAIN TABLE

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION NO.
N/A	9223010
SURVEY BOOK	SHEETS
	83 of 147
CONTRACT	PROJECT NO.
R-24951	NH-006-4(047)

STRUCTURE DATA

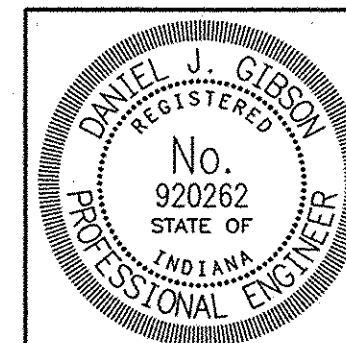
STRUCTURE NUMBER	LOCATION			SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	SKEW	COVER	FLOW LINE		SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	B-BORROW FOR STR. BACKFILL	REVEMENT RIPRAP	CONCRETE, CLASS A, FOR STRUCTURES	PIPE END SECTION	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS			
	STATION	LEFT	RIGHT							ELEV.	DOWN STREAM									ELEV.	YR.	EA.	TYPE	SLOPE			EA.	SLOPE	EA.
60A	5+229.3 "PR-H"		X			Existing Inlet																				Reconstruct 0.3 m of Inlet & Adjust Casting to Grade			
61	5+281.6 "PR-H"	X		375	--	T-14 Inlet	1		1.1	119.741	119.732	75	N	6.5	1	1.4											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.		
62	5+289.1 "PR-H"		X	375	--	S-14 Inlet	1		1.1	119.634	119.630	75	N	6.5	1	1.5											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.		
63	5+288.3 "PR-H"	X				Existing Inlet																					Reconstruct 0.2 m of Inlet & Adjust Casting to Grade		
63A	5+289.3 "PR-H"		X			Existing Inlet																					Reconstruct 0.2 m of Inlet & Adjust Casting to Grade		
64	5+350.0 "PR-H"	X				Existing Inlet																					Adjust Casting to Grade		
64A	5+350.0 "PR-H"		X			Existing Inlet																					Adjust Casting to Grade		
65	5+350.1 "PR-H"		X	375	--	S-14 Inlet	1		0.3	118.220	118.215	75	N	6.5	1	0.7											Remove Existing Inlet, Connect to Existing Pipe, 1 Pipe Collar Req'd.		
66	5+395.5 "PR-H"	X				Existing Inlet																					Remove Casting & Cap Existing Inlet		
66A	5+395.5 "PR-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet		
67	5+402.0 "PR-H"		X	450	2	H-5 Inlet	18		0.3	117.902	117.846	75	N	6.5	1	15.7								68					
68	5+420.0 "PR-H"		X	450	2	H-5 Inlet	1		0.3	117.846	117.843	75	N	6.5	1	0.9											Connect to Existing 450 mm Pipe, 1 Pipe Collar Req'd.		
68A	5+472.8"PR-H"		X			Exist. 2400 mm x 1350 mm Box Culvert																					No Change Req'd		
69	5+479.0 "PR-H"	X				Existing Inlet																					Adjust Casting to Grade		
69A	5+479.0 "PR-H"		X			Existing Inlet																					Adjust Casting to Grade		
70	5+555.0 "PR-H"	X				Existing Inlet																					Adjust Casting to Grade		
70A	5+555.0 "PR-H"		X			Existing Inlet																					Adjust Casting to Grade		
71	1+320.5 "S-5-H"		X	300	2	J-10 Inlet	19		0.3	118.470	118.375	75	N	6.5	1	12.6											Connect to Existing 1350 mm Pipe.		
72	1+338.2 "S-5-H"	X				Existing Sanitary Manhole																					Adjust Casting to Grade		
73	1+352.9 "S-5-H"		X			Existing Catch Basin																					Remove Casting & Cap Existing Catch Basin		
74	1+369.3 "S-5-H"	X				Existing Catch Basin																					Remove Casting & Cap Existing Catch Basin.		
75	1+376.2 "S-5-H"	X		450	2	M-10 Inlet	2.5		1.0	D.I.F.	D.I.F.	75	N	6.5	1	1.9										Connect to Existing 1350 mm Pipe.			
76	1+376.2 "S-5-H"	X				Existing Manhole																					Adjust Casting to Grade		
77	1+384.8 "S-5-H"		X			Existing Catch Basin																					Remove Casting & Cap Existing Inlet		
78	1+385.5 "S-5-H"	X		300	2	J-10 Inlet	3.2		0.3	118.481	118.465	75	N	6.5	1	1.8								77					

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	RECOMMENDED FOR APPROVAL <i>D.J.G.</i> 9/12/02 DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION STRUCTURE DATA	HORIZONTAL SCALE N/A	BRIDGE FILE
	DESIGNED: DJG CHECKED: MAE		DRAWN: LZH CHECKED: DJG	VERTICAL SCALE N/A
			SURVEY BOOK	SHEETS
			CONTRACT R-24951	87 of 147 PROJECT NO. NH-006-4(047)

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE mm	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE m	LENGTH	SKEW	COVER m	FLOW LINE			SITE DESIGNATION	PH	BACKFILL METHOD m ³	B-BORROW FOR STR. BACKFILL	REVETMENT RIPRAP Mg	CONCRETE CLASS A, FOR STRUCTURES m ³	PIPE END SECTION EA.	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS
	STATION	LEFT	RIGHT							CROSS	UP STREAM ELEV.	DOWN STREAM ELEV.								SERVICE LIFE YR.	TYPE	SLOPE	EA.	SLOPE	EA.		
79	1+387.3 "S-5-H"		X			Existing Sanitary Manhole																					Adjust Casting to Grade
80	1+418.0 "S-5-H"		X		300	2 J-10 Inlet	6		0.3	118.461	118.441	75	N	6.5	1	3.4										80	
81	1+422.5 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
82	1+422.6 "S-5-H"		X			Existing Catch Basin																					Remove Casting & Cap Existing Catch Basin
83	1+433.3 "S-5-H"		X		300	2 B-15 Inlet	4.2		0.4	118.291	118.270	75	N	6.5	1	3.2											Connect to Existing 1350 mm Pipe
84	1+433.3 "S-5-H"		X		300	2 B-15 Inlet	2.6		0.4	118.446	118.324	75	N	6.5	1	2.0											Connect to Existing 1350 mm Pipe
85	1+435.5 "S-5-H"		X		300	2 J-10 Inlet	16		0.3	118.549	118.461	75	N	6.5	1	7.3									80		
86	1+456.8 "S-5-H"		X			Existing Inlet																					Adjust Casting to Grade
87	1+469.2 "S-5-H"		X			Existing Inlet																					Adjust Casting to Grade
88	1+472.0 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
89	1+512.5 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
90	1+515.7 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
91	1+533.0 "S-5-H"		X			Existing Manhole																					Adjust Casting to Grade
92	1+536.3 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
93	1+551.7 "S-5-H"		X			Existing Manhole																					Adjust Casting to Grade
94	1+559.3 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
95	1+562.0 "S-5-H"		X			Existing Manhole																					Adjust Casting to Grade
96	1+584.5 "S-5-H"		X		300	2 J-10 Inlet	11.2		0.4	118.115	117.894	75	N	6.5	1	11.0											Connect to Existing 1800 mm Pipe
97	1+595.0 "S-5-H"		X		375	2 M-10 Inlet	42		0.3	118.150	117.940	75	N	6.5	1	32.1									104		
98	1+598.3 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
99	1+611.0 "S-5-H"		X		300	2 J-10 Inlet	14		0.3	118.184	118.114	75	N	6.5	1	9.3									101		
100	1+619.5 "S-5-H"		X		300	2 J-10 Inlet	5.1		0.3	118.333	118.091	75	N	6.5	1	3.9											Connect to Existing 1800 mm Pipe
101	1+625.0 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
102	1+628.6 "S-5-H"		X			Existing Inlet																					Remove Casting & Cap Existing Inlet
103	1+636.0 "S-5-H"		X		300	2 J-10 Inlet	11.5		0.3	118.172	118.114	75	N	6.5	1	7.6									100		
104	1+637.0 "S-5-H"		X		375	2 M-10 inlet	60		0.4	117.940	117.610	75	N	6.5	1	52.7									106		



RECOMMENDED FOR APPROVAL *Daniel J. Gleason* 9/12/02
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

INDIANA DEPARTMENT OF TRANSPORTATION
STRUCTURE DATA

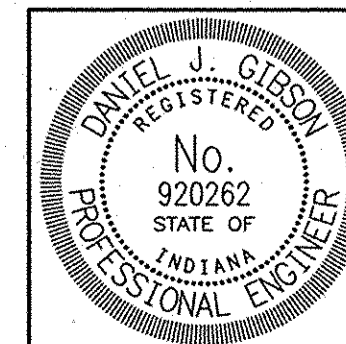
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VERTICAL SCALE N/A	DESIGNATION NO. 9223010
SURVEY BOOK	SHEETS 88 of 147
CONTRACT R-24951	PROJECT NO. NH-006-4(047)

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STRUCTURE DATA

STRUCTURE NUMBER	LOCATION			SIZE mm	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE m	LENGTH	SKEW	COVER m	FLOW LINE			SERVICE LIFE YR.	SITE DESIGNATION	PH	BACKFILL METHOD	B-BORROW FOR STR. BACKFILL	REVETMENT RIPRAP Mg	CONCRETE, CLASS A, FOR STRUCTURES	PIPE END SECTION EA.	GRATED BOX END SECTION			SAFETY METAL END SECTION			CONNECT TO STR. NO.	REMARKS		
	STATION	LEFT	RIGHT							UP STREAM ELEV.	DOWN STREAM ELEV.	TYPE									SLOPE	EA.	SLOPE	EA.						
130	0+369.3 "SWR"					Existing Inlet																							Remove Casting & Cap Existing Inlet	
131	0+018.4 "NER"	X			375	2	C-15 Inlet	15	0.3	117.966	117.891	75	N	65	1	22.2										95		Connect to Existing Storm Sewer		
132	0+024.0 "NER"		X		375	2	B-15 Inlet	19	0.3	118.116	117.966	75	N	65	1	25.7										125				
133	0+157.9 "NER"	X					Existing Sanitary Manhole																						Adjust Casting to Grade	
134	0+214.6 "NER"	X					Existing Inlet																						Adjust Casting to Grade	
135	0+271.1 "NER"	X					Existing Sanitary Manhole																						Adjust Casting to Grade	
136	0+282.9 "NER"	X					Existing Inlet																						Adjust Casting to Grade	
137	0+025.0 "SER"	X			375	2	C-15 Inlet	40	0.3	117.776	117.456	75	N	65	1	69.2													Connect to Existing 1350 mm Storm Sewer	
138	0+040.0 "SER"		X		375	2	B-15 Inlet	20	0.3	117.936	117.776	75	N	65	1	22.3										130				

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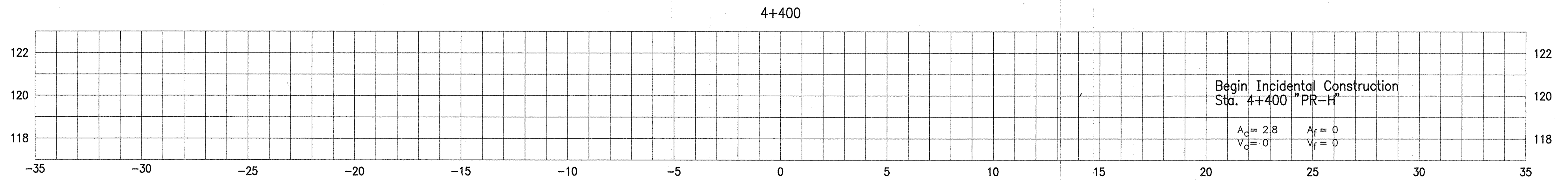
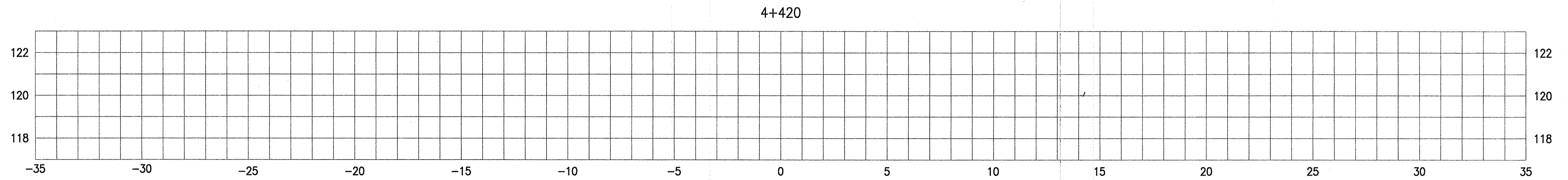
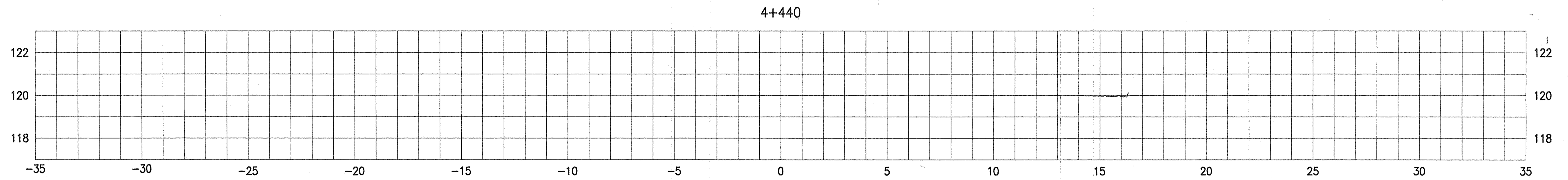
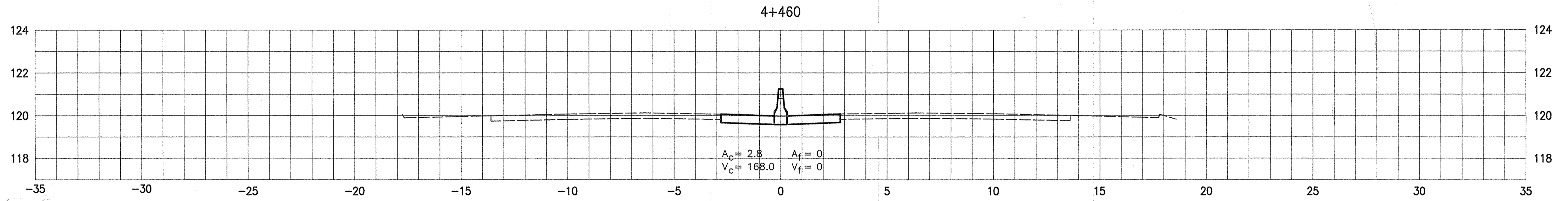


RECOMMENDED FOR APPROVAL *D.J.G.* 9/12/02
 DESIGN ENGINEER DATE
 DESIGNED: DJG DRAWN: LZH
 CHECKED: MAE CHECKED: DJG

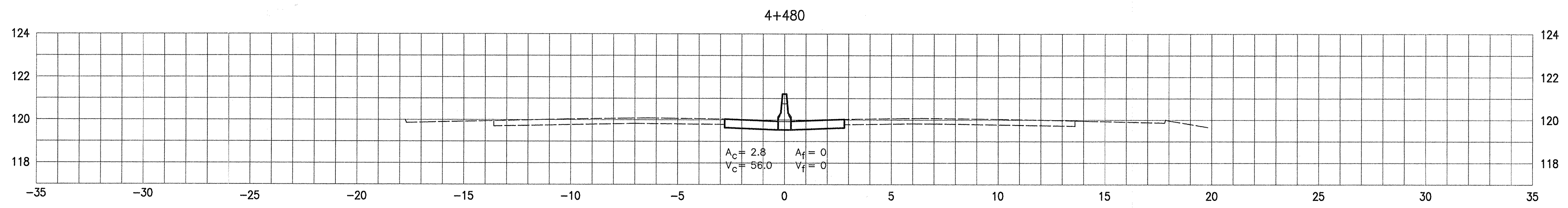
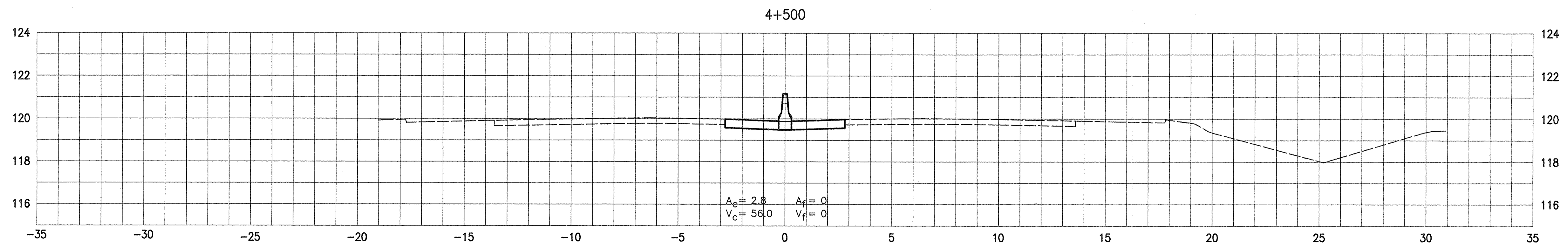
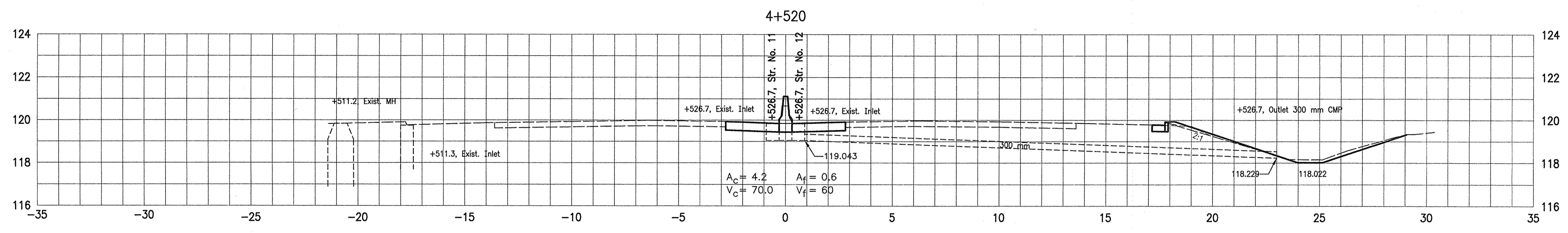
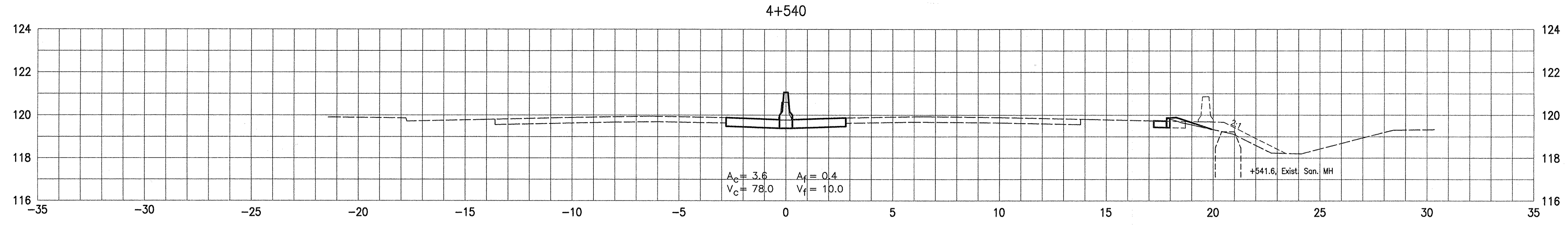
INDIANA DEPARTMENT OF TRANSPORTATION
STRUCTURE DATA

HORIZONTAL SCALE N/A	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION NO. 9223010
SURVEY BOOK	SHEETS 90 of 147
CONTRACT R-24951	PROJECT NO. NH-006-4(047)

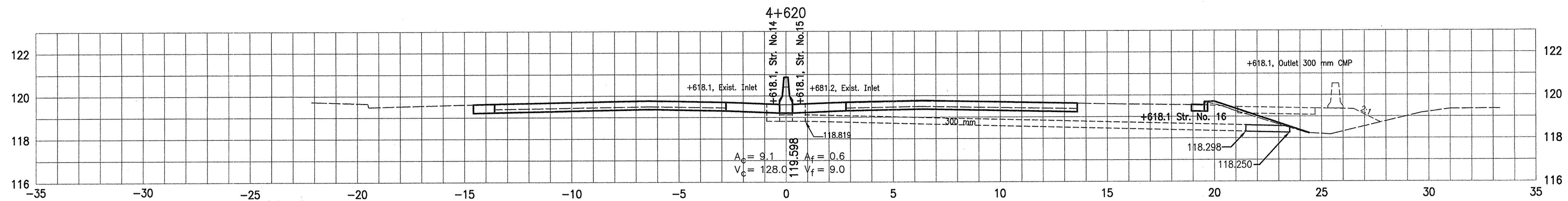
R-24951 2 of 2



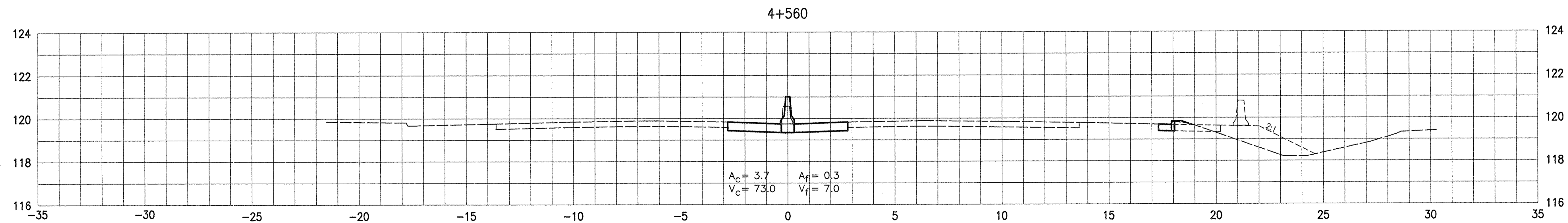
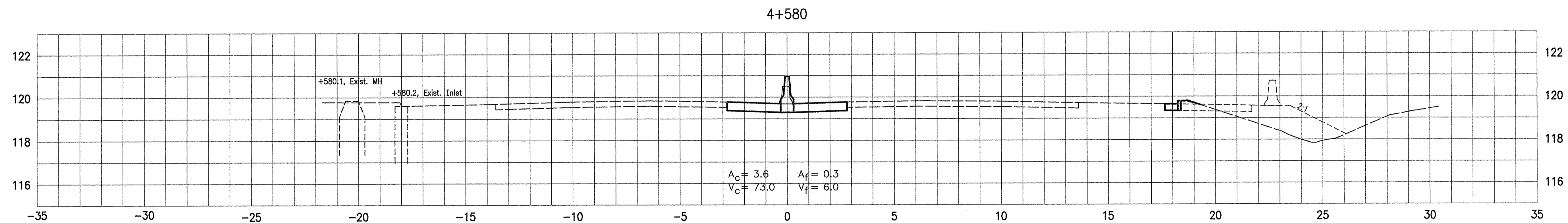
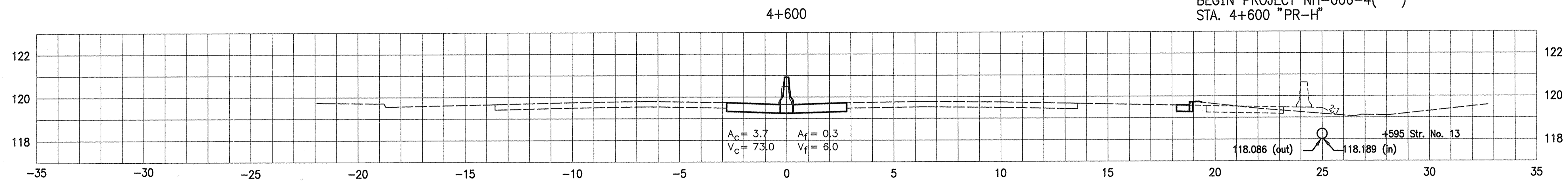
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		CROSS SECTIONS S.R. 66 - VANDERBURGH CO.		VERTICAL SCALE 1:100	DESIGNATION 9223010
DESIGNED: DJG	DRAWN: MTM			SURVEY BOOK	SHEETS
CHECKED: MAE	CHECKED: DJG				92 of 147
				CONTRACT R-24951	PROJECT NH-006-4(047)



INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9223010
CROSS SECTIONS S.R. 66 - VANDERBURGH CO.		SURVEY BOOK CONTRACT R-24951	SHEETS 93 of 147 PROJECT NH-006-4(047)
DESIGNED: DJG	DRAWN: MTM		
CHECKED: MAE	CHECKED: DJG		



BEGIN PROJECT NH-006-4()
STA. 4+600 "PR-H"

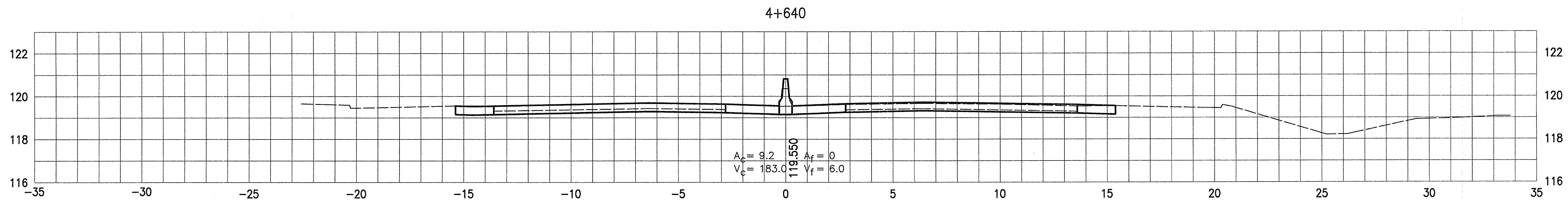
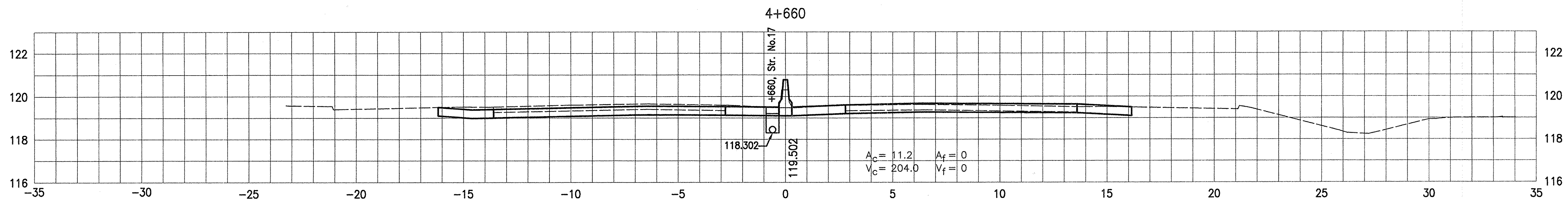
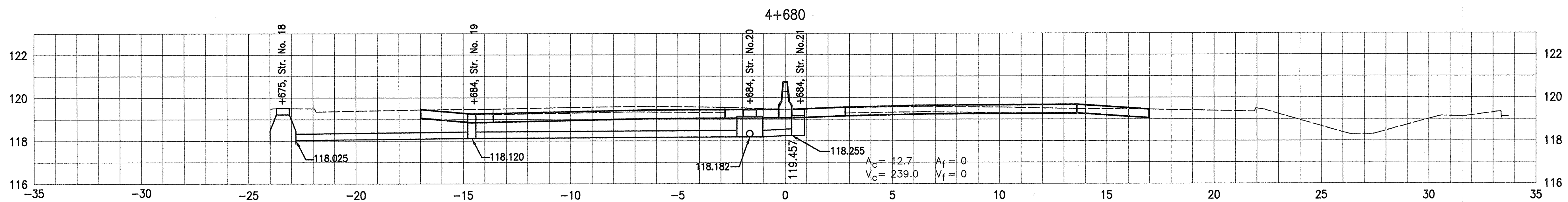
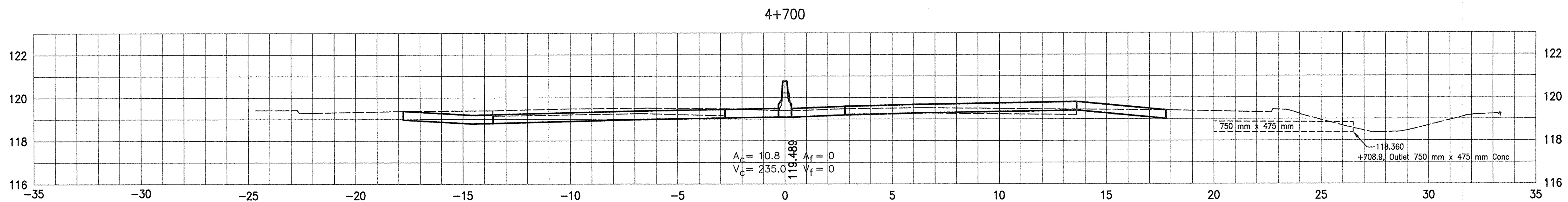


INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.

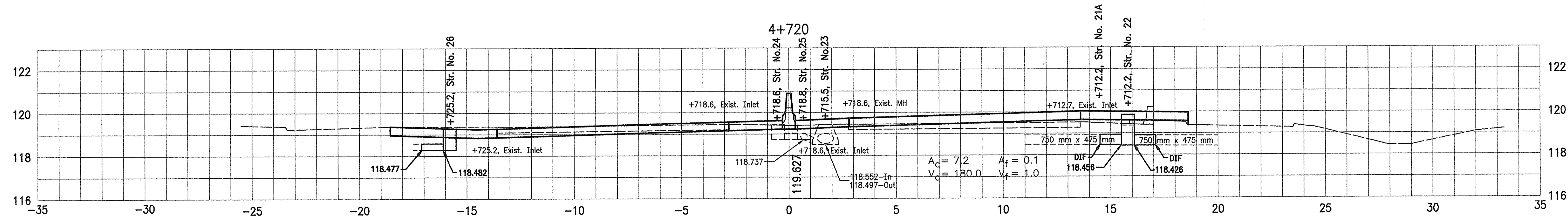
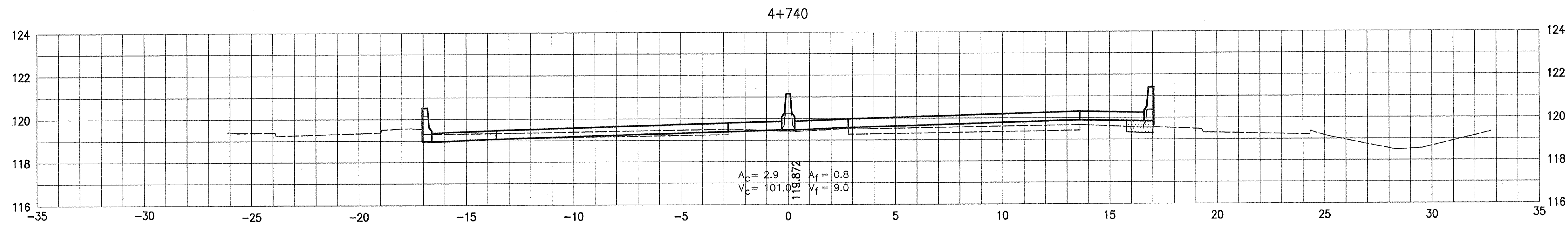
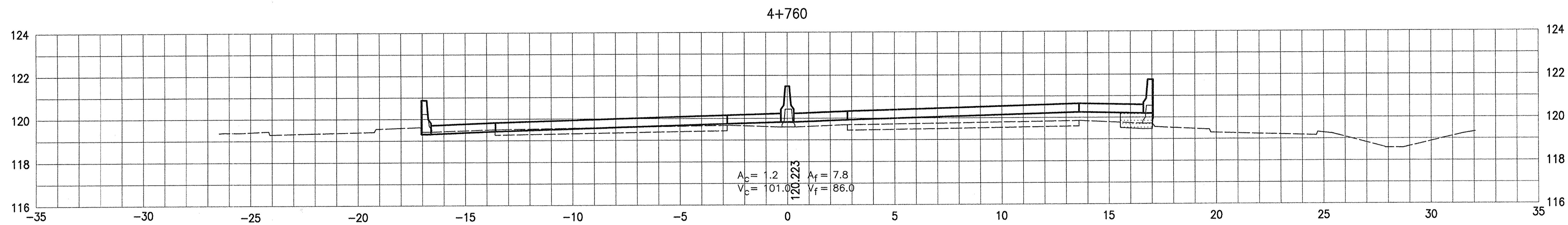
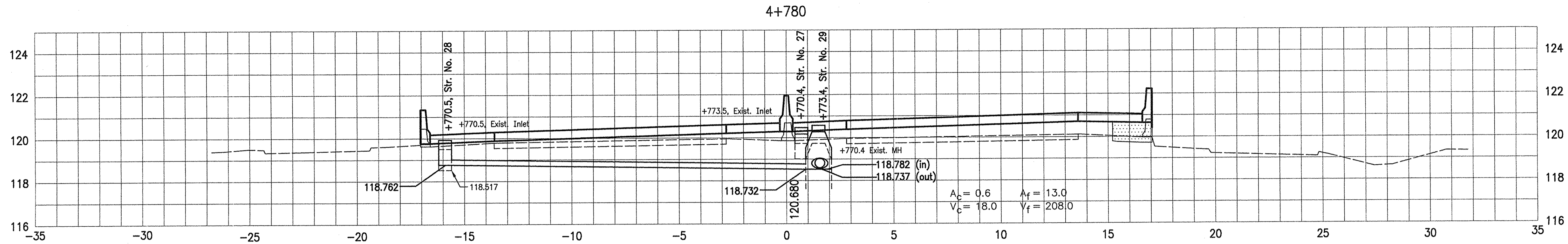
DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS 94 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)



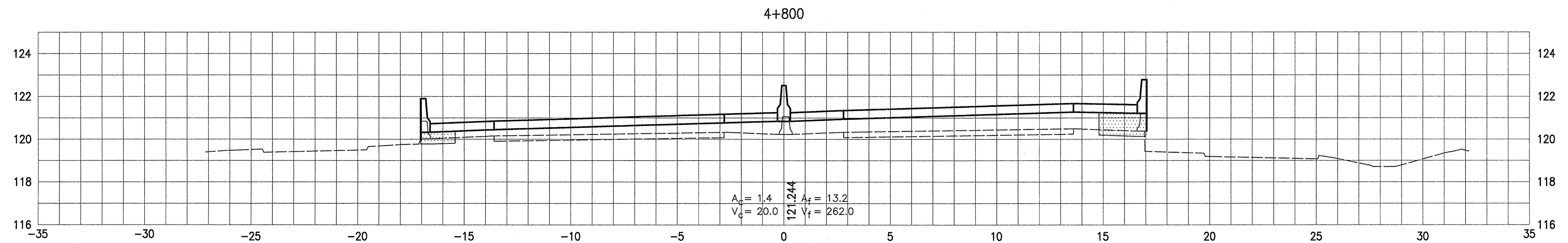
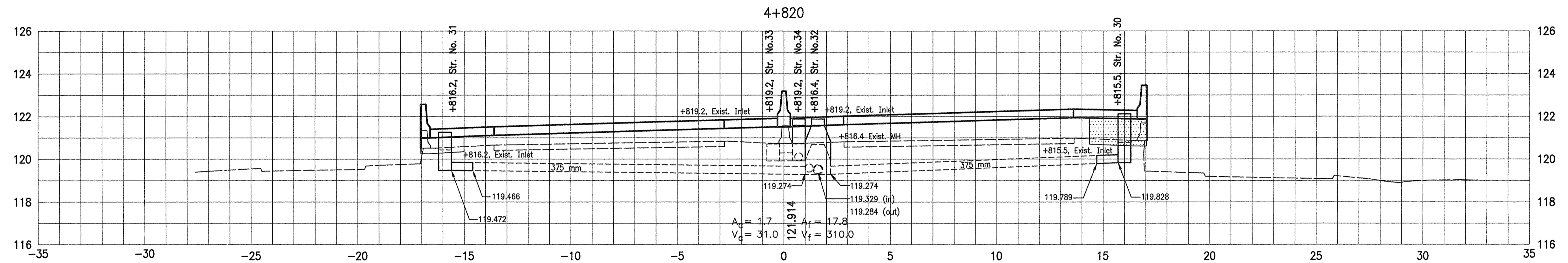
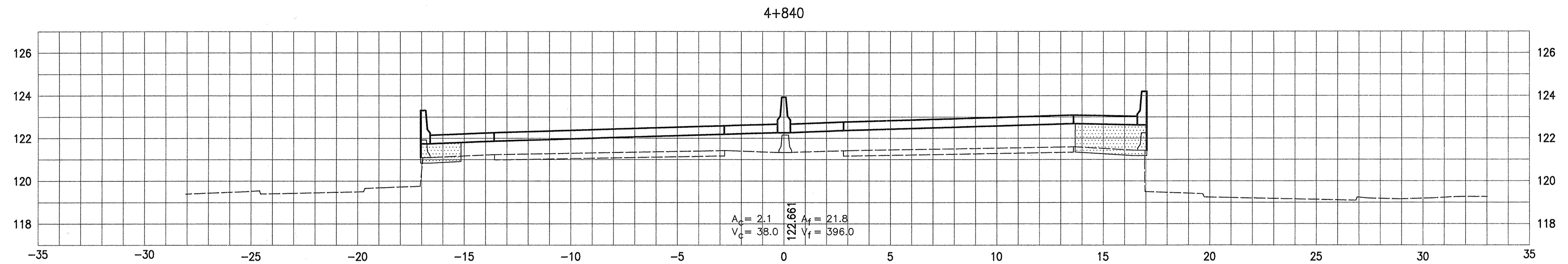
INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100	BRIDGE FILE
		VERTICAL SCALE 1:100	DESIGNATION 9223010
CROSS SECTIONS S.R. 66 - VANDERBURGH CO.		SURVEY BOOK	SHEETS 95 of 147
		CONTRACT R-24951	PROJECT NH-006-4(047)
DESIGNED: DJG	DRAWN: MTM		
CHECKED: MAE	CHECKED: DJG		

 B-Borrow For Structure Backfill



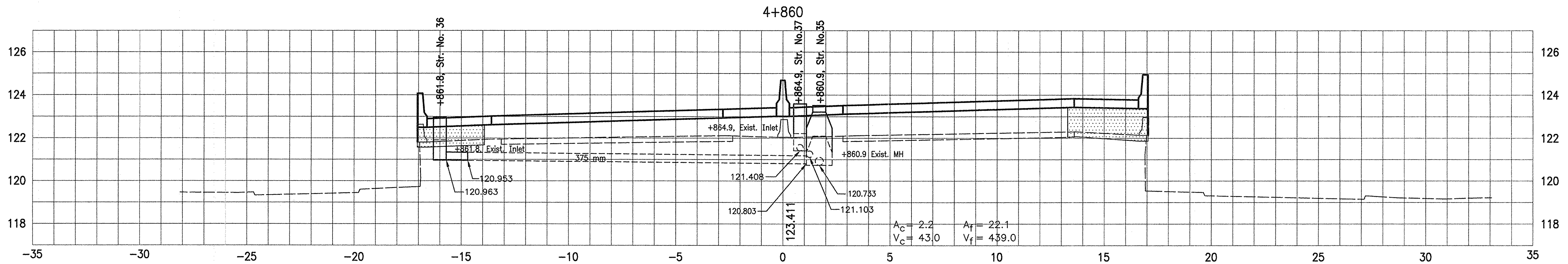
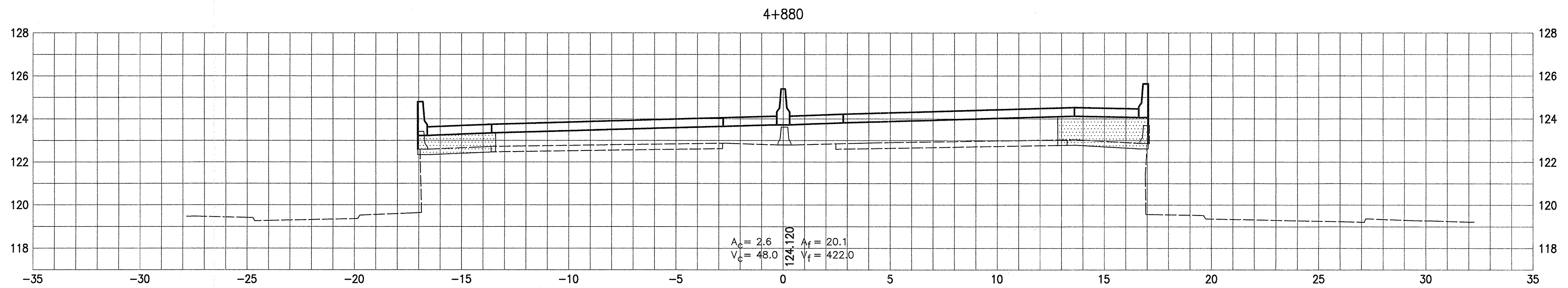
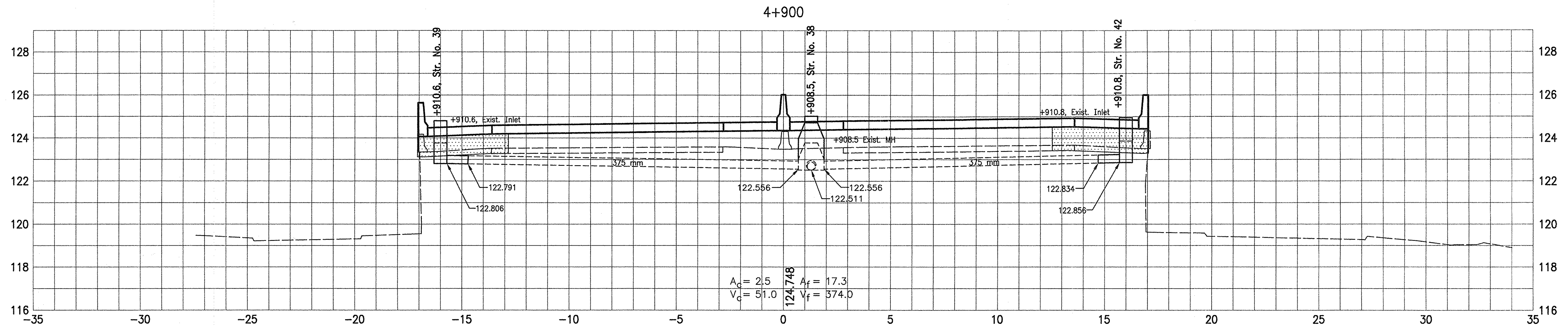
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						1:100	
						VERTICAL SCALE	DESIGNATION
						1:100	9223010
						SURVEY BOOK	SHEETS
							96 of 147
						CONTRACT	PROJECT
						R-24951	NH-006-4(047)

 B-Borrow For Structure Backfill

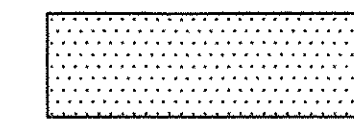


INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9223010
CROSS SECTIONS S.R. 66 - VANDERBURGH CO.		SURVEY BOOK CONTRACT R-24951	SHEETS 07 of 147 PROJECT NH-006-4(047)
DESIGNED: DJG	DRAWN: MTM		
CHECKED: MAE	CHECKED: DJG		

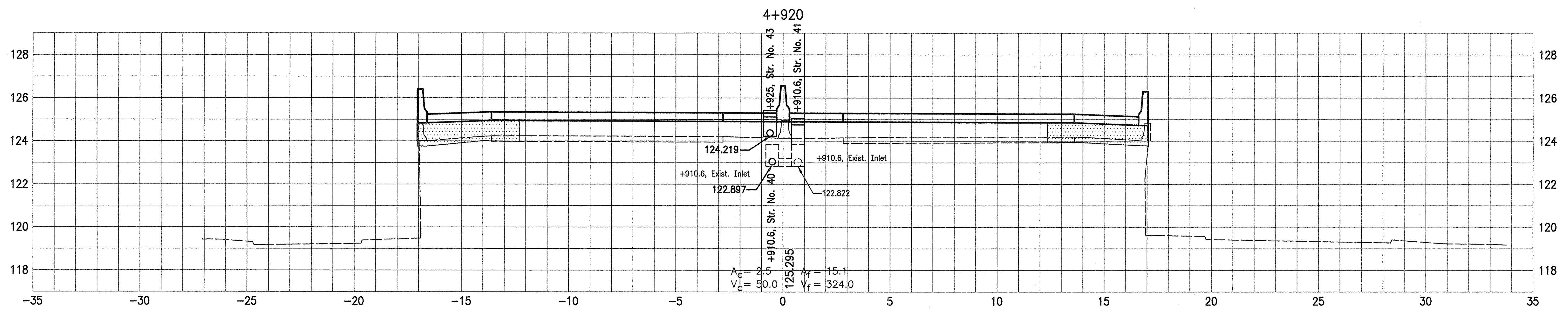
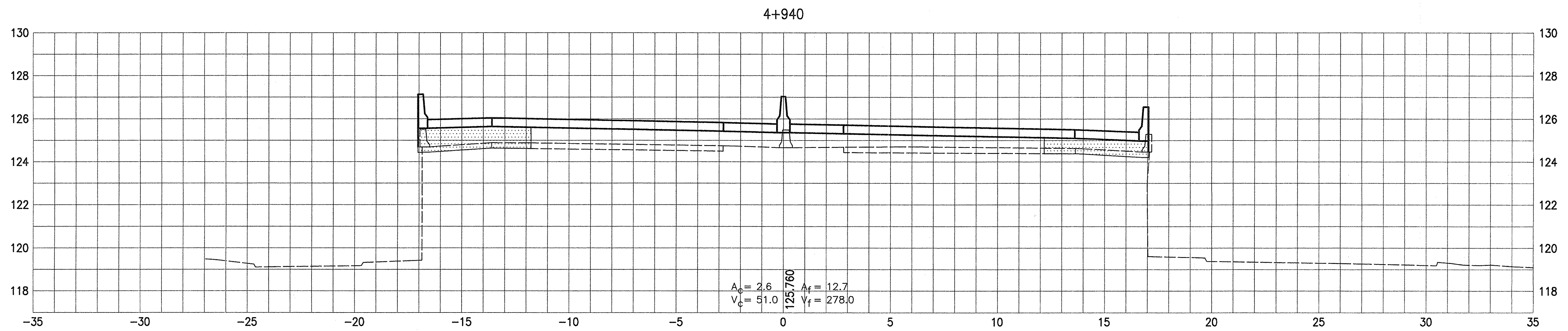
 B-Borrow For Structure Backfill



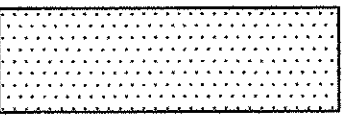
INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9223010
CROSS SECTIONS S.R. 66 - VANDERBURGH CO.		SURVEY BOOK CONTRACT R-24951	SHEETS 98 of 147 PROJECT NH-006-4(047)
DESIGNED: DJG	DRAWN: MTM		
CHECKED: MAE	CHECKED: DJG		



B-Borrow For Structure Backfill



INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9223010
CROSS SECTIONS S.R. 66 - VANDERBURGH CO.		SURVEY BOOK CONTRACT R-24951	SHEETS 99 of 147 PROJECT NH-006-4(047)
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CHECKED: MAE	CHECKED: DJG		

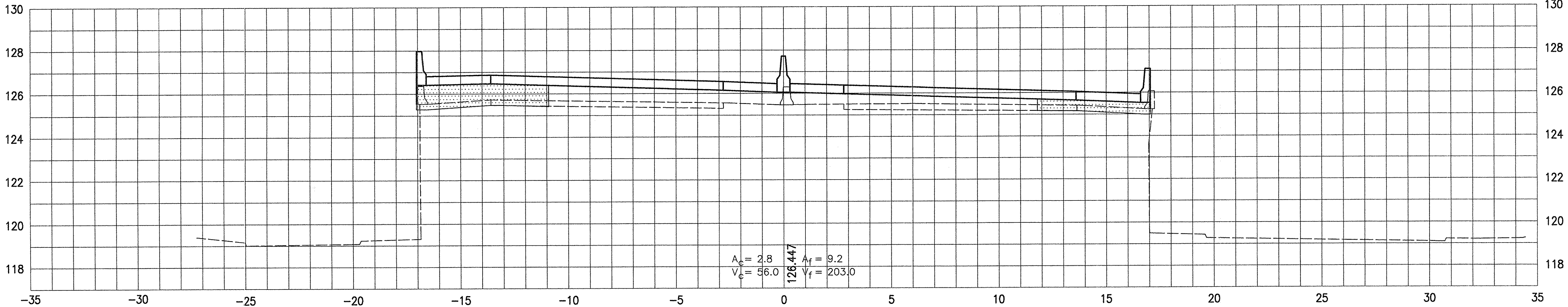


B-Borrow For Structure Backfill

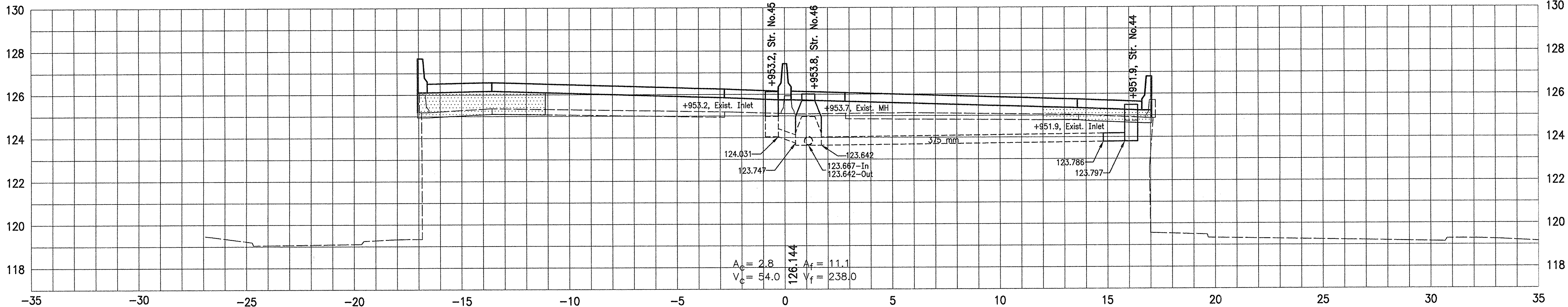
Begin 2.5:1 MSE Wall Panel Removal
Sta. 4+986.663 "PR-H"

$A_c = 2.9$ $A_f = 11.9$
 $V_c = 19$ $V_f = 70$

4+980



4+960

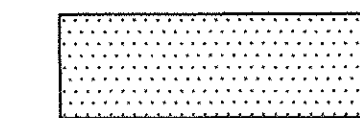


INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS 100 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG



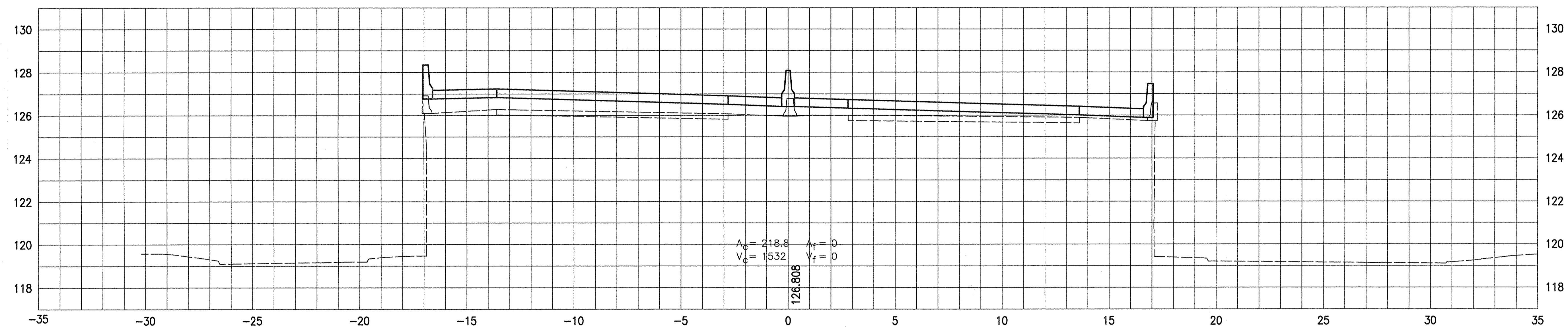
B-Borrow For Structure Backfill

End Exist. MSE Wall & Cut Section

Sta. 5+033 "PR-H"

$A_c = 218.8$ $A_f = 0$
 $V_c = 2844$ $V_f = 0$

5+020



End Proposed MSE Wall

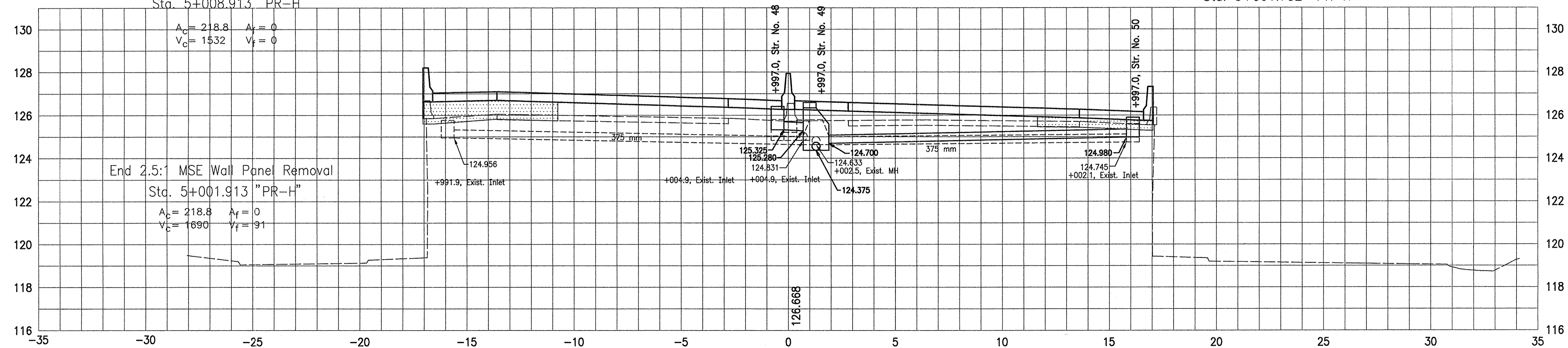
Sta. 5+008.913 "PR-H"

$A_c = 218.8$ $A_f = 0$
 $V_c = 1532$ $V_f = 0$

5+000

Begin Pavement Exception

Sta. 5+001.732 "PR-H"



INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
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HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
1:100	9223010
SURVEY BOOK	SHEETS
	101 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

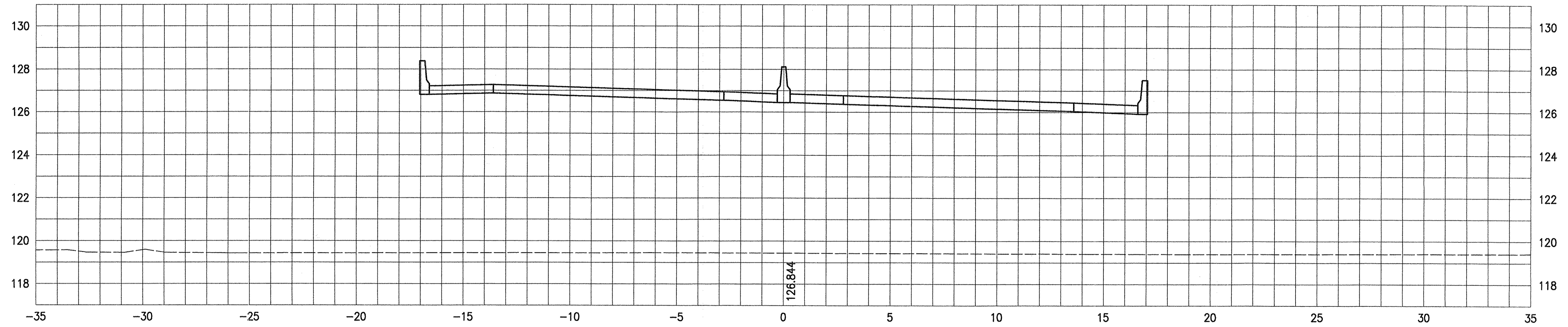
DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG

Begin Exist. MSE Wall

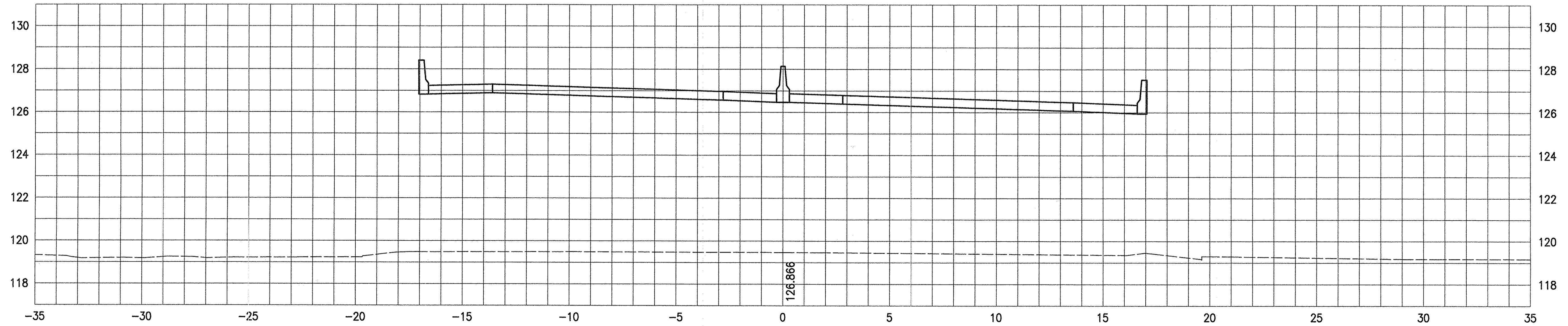
Sta. 5+075.0 "PR-H"

$A_c = 224.2$ $A_f = 0$
 $V_c = 0$ $V_f = 0$

5+060



5+040

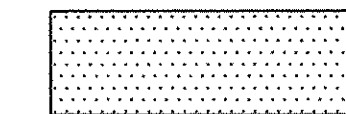


**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.**

DESIGNED: DJG DRAWN: MTM
 CHECKED: MAE CHECKED: DJG

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	102 of 147 PROJECT NH-006-4(047)



B-Borrow For Structure Backfill

Begin 2.5:1 MSE Wall Panel Remove

Sta. 5+110.661 "PR-H"

$A_c = 251.3$ $A_f = 0$
 $V_c = 1508.0$ $V_f = 0$

End 2.5:1 MSE Wall Panel Removal

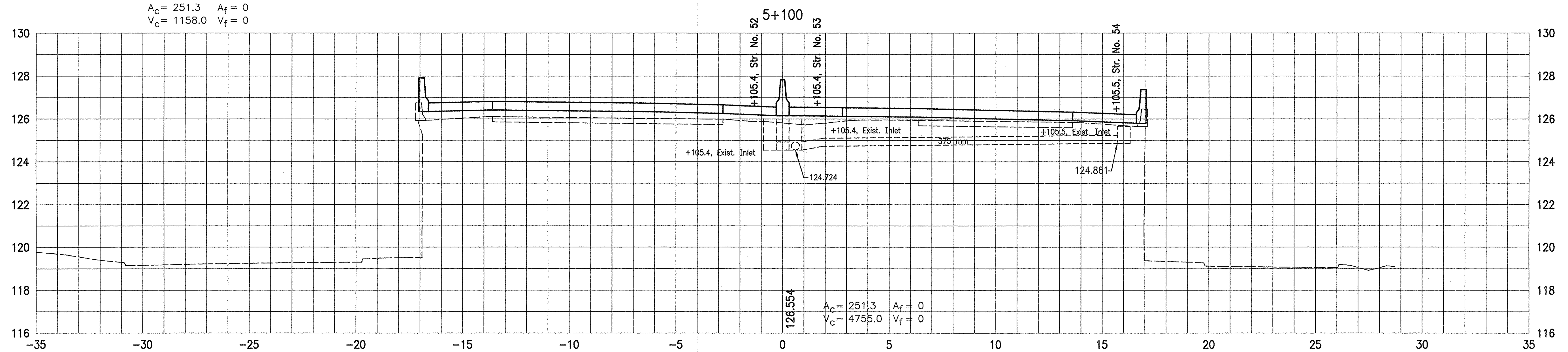
Begin Proposed MSE Wall

Sta. 5+104.661 "PR-H"

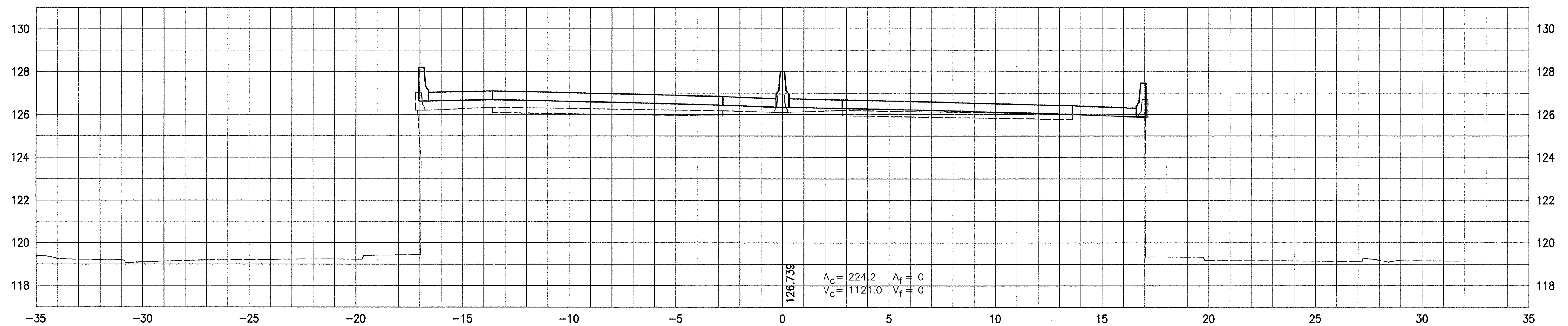
$A_c = 251.3$ $A_f = 0$
 $V_c = 1158.0$ $V_f = 0$

End Pavement Exception

Sta. 5+110.661 "PR-H"



5+080

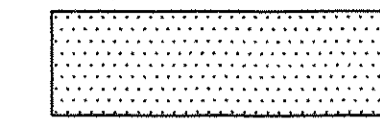


INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.

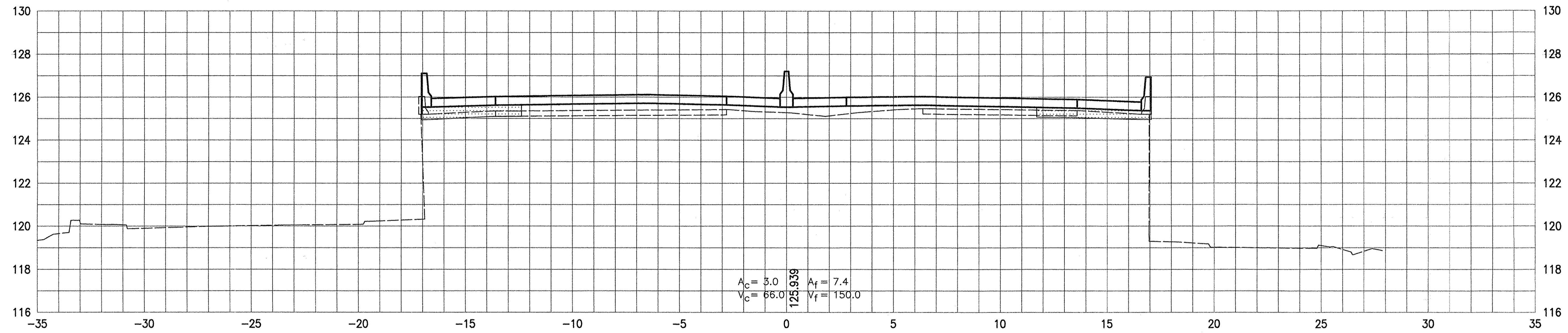
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CHECKED: MAE CHECKED: DJG

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS 103 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

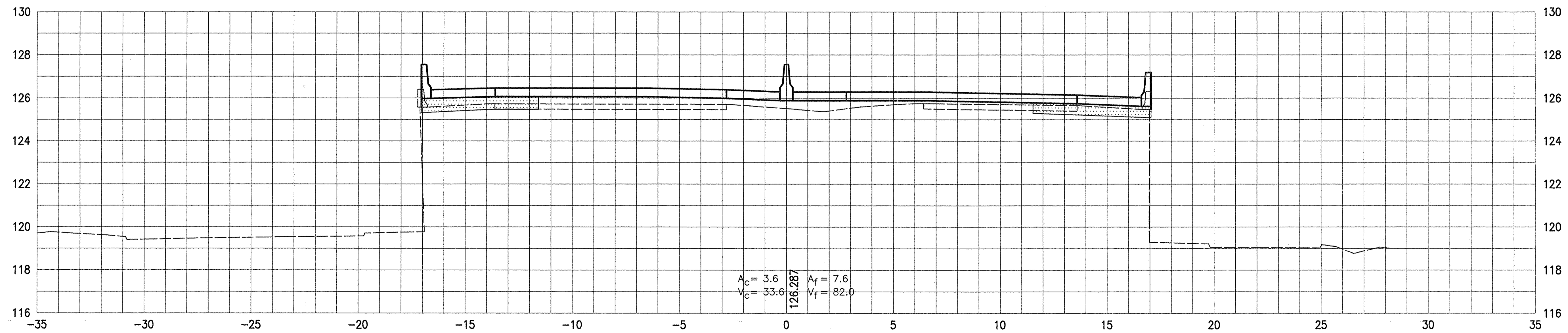


B-Borrow For Structure Backfill

5+140



5+120

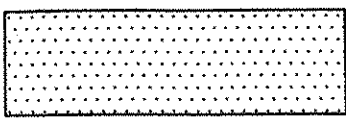


INDIANA
DEPARTMENT OF TRANSPORTATION

DESIGNED: DJG DRAWN: MTM
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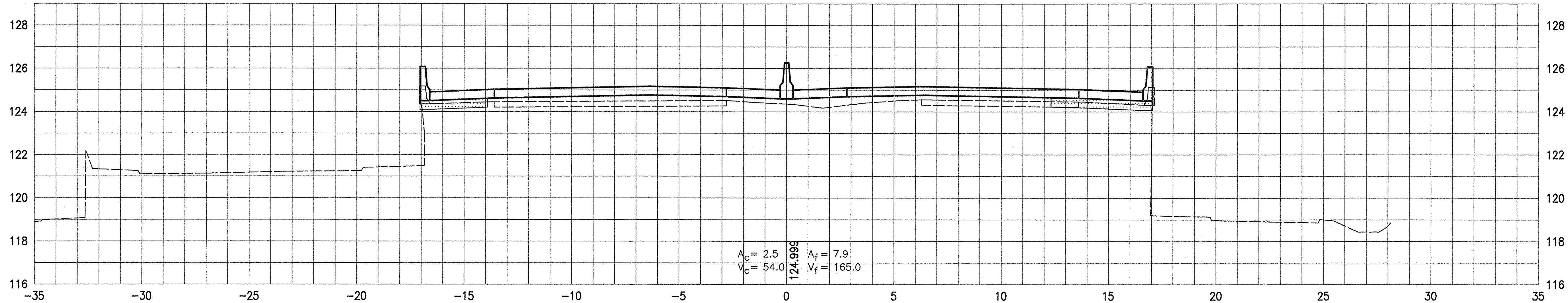
CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
	104 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

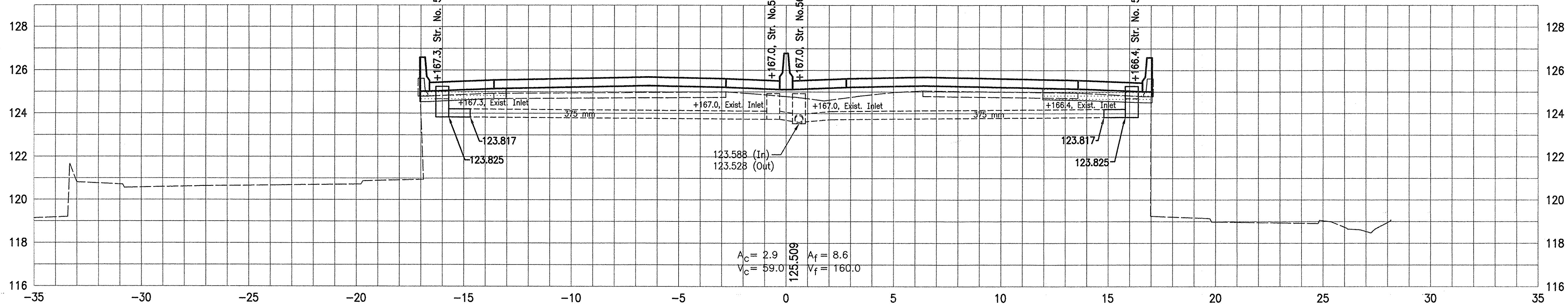


B-Borrow For Structure Backfill

5+180



5+160



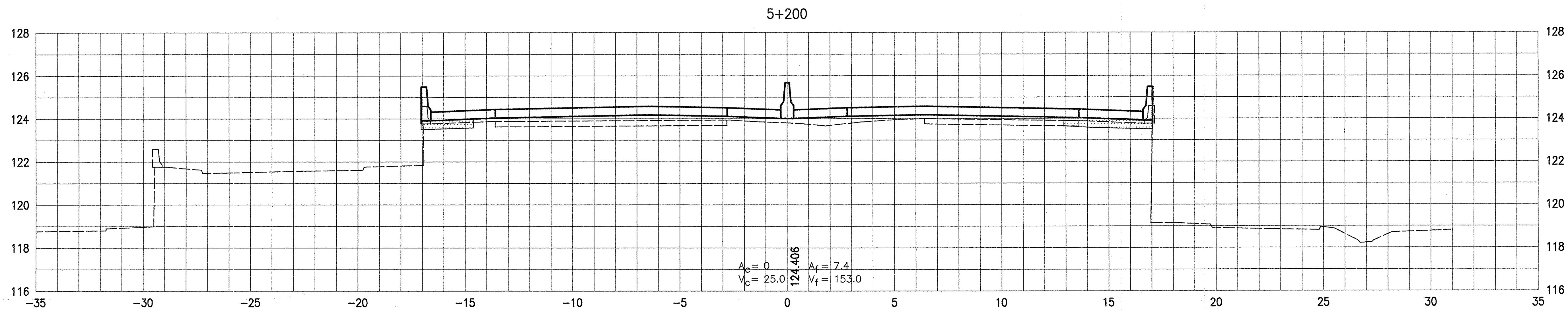
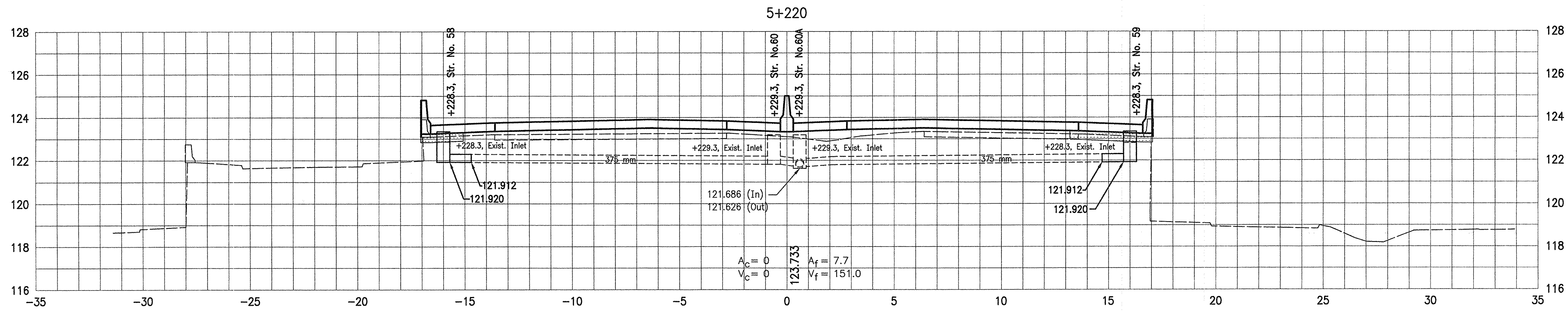
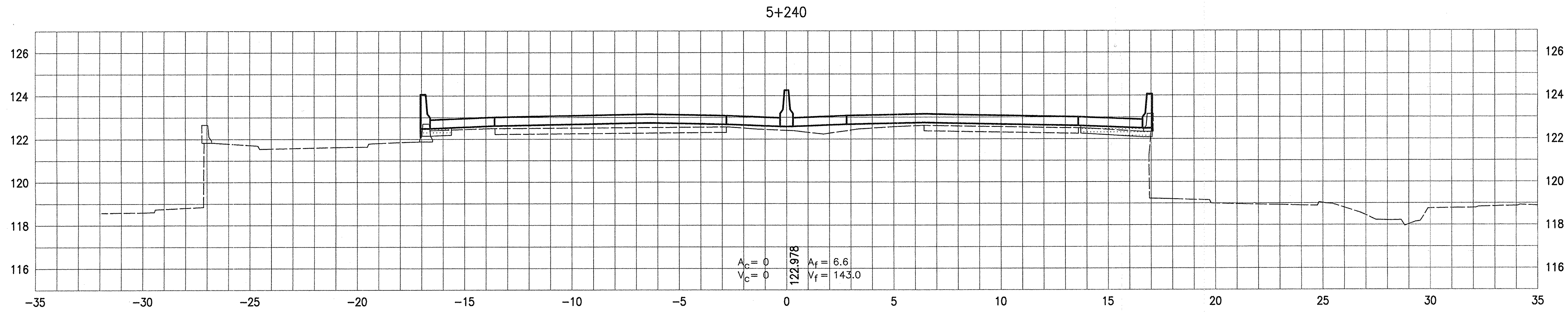
INDIANA
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.

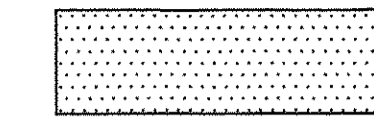
HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS 105 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG

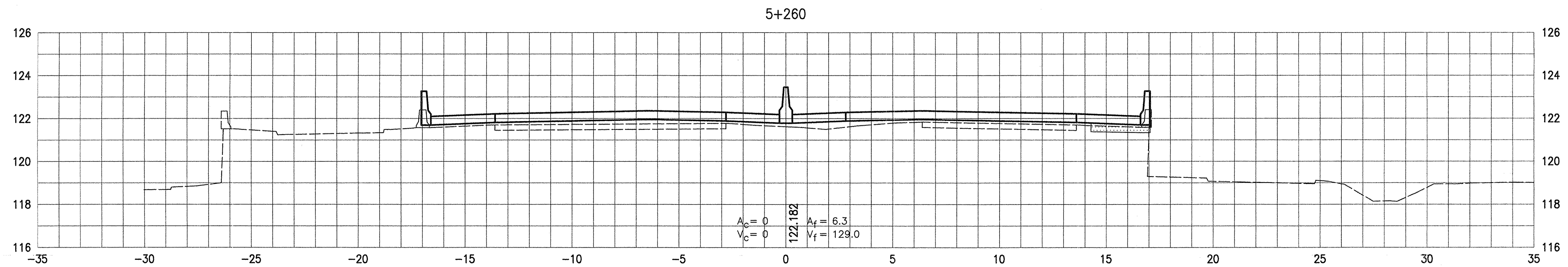
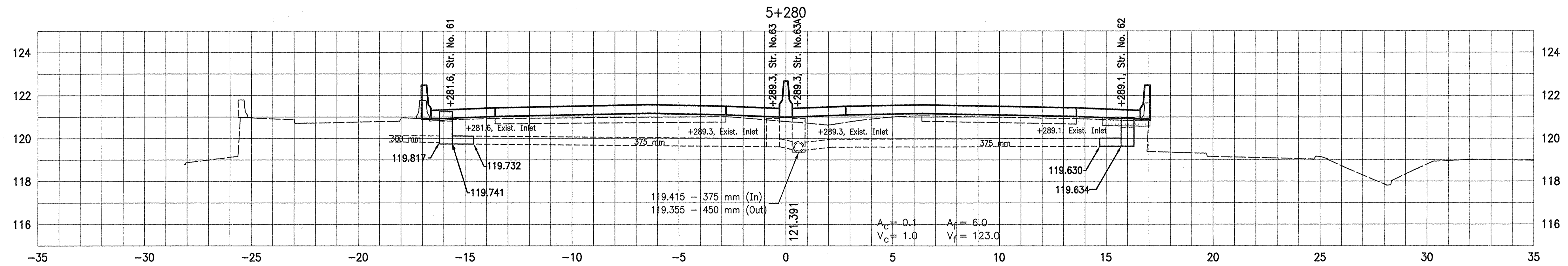
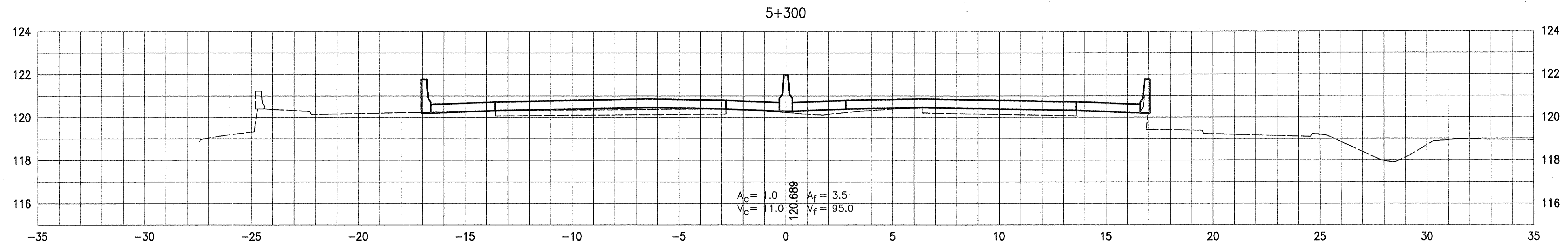
 B-Borrow For Structure Backfill



INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9223010
CROSS SECTIONS S.R. 66 - VANDERBURGH CO.		SURVEY BOOK CONTRACT R-24951	SHEETS 106 of 147 PROJECT NH-006-4(047)
DESIGNED: DJG	DRAWN: MTM		
CHECKED: MAE	CHECKED: DJG		



B-Borrow For Structure Backfill

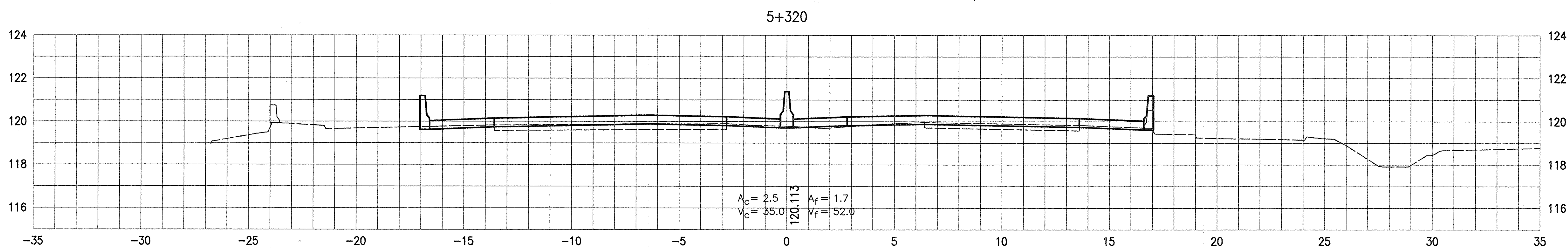
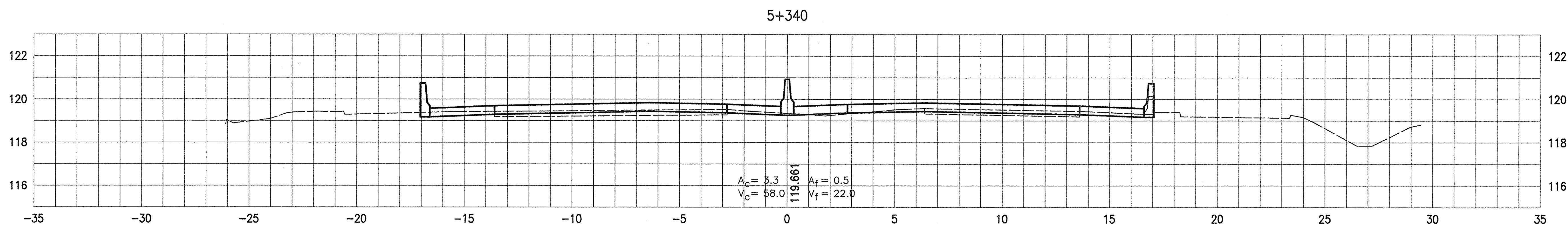
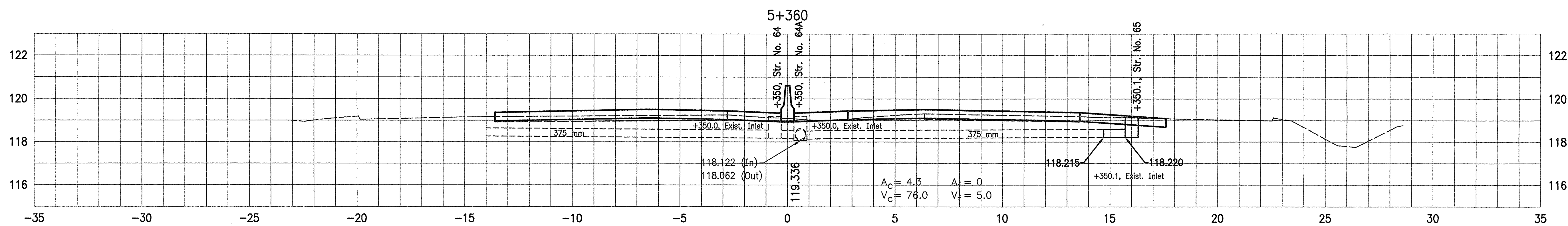
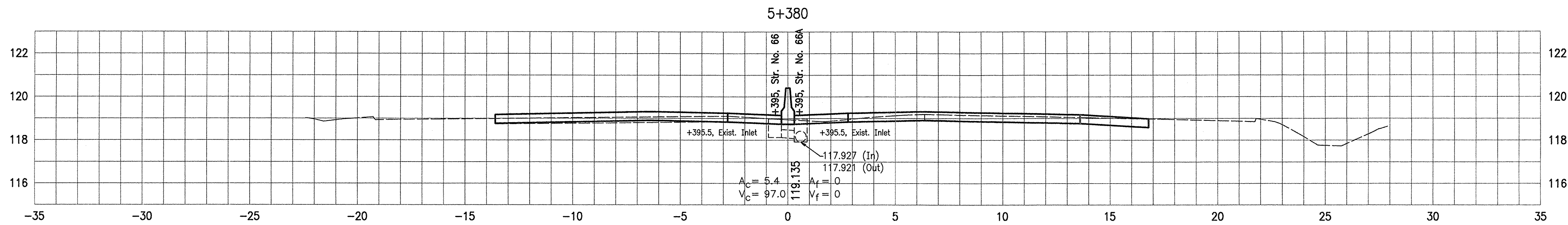


**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.**

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	107 of 147 PROJECT NH-006-4(047)

DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG

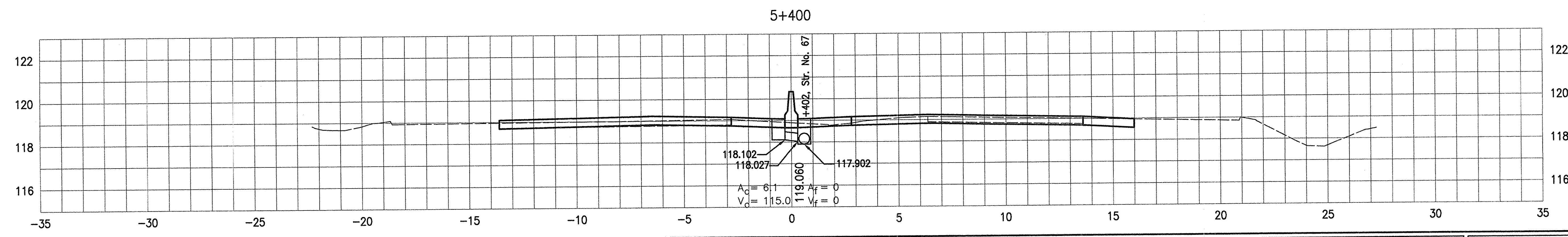
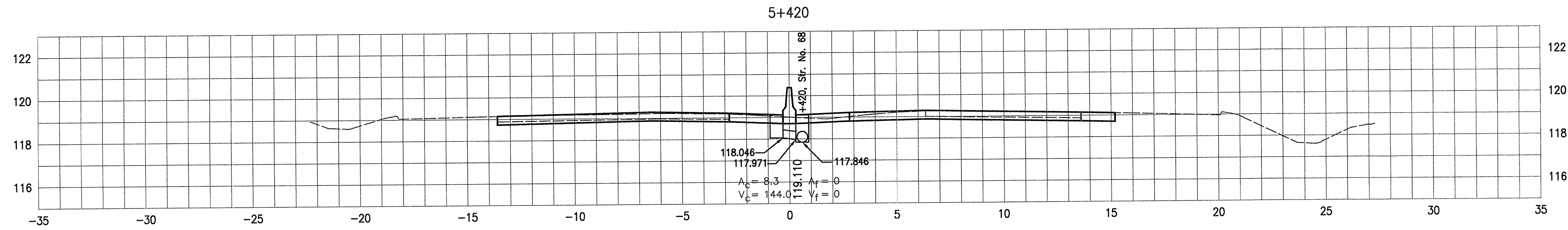
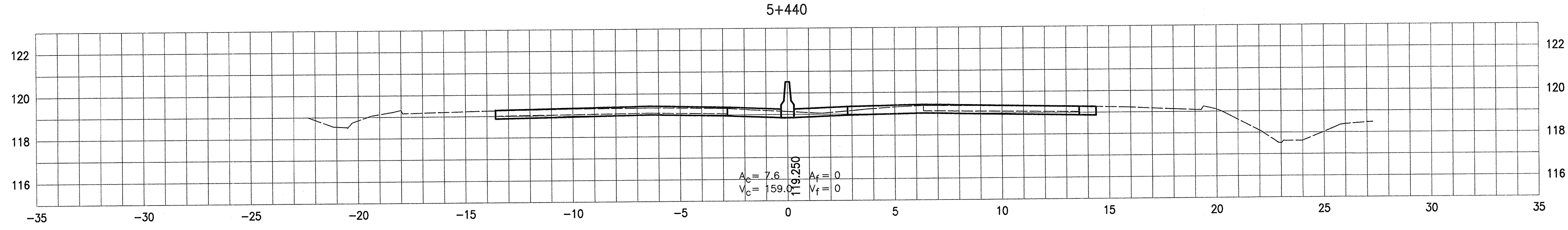
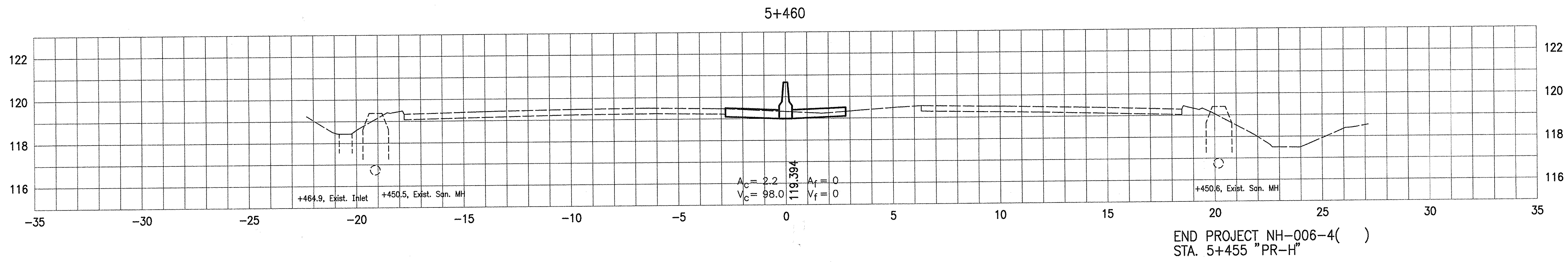


**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.**

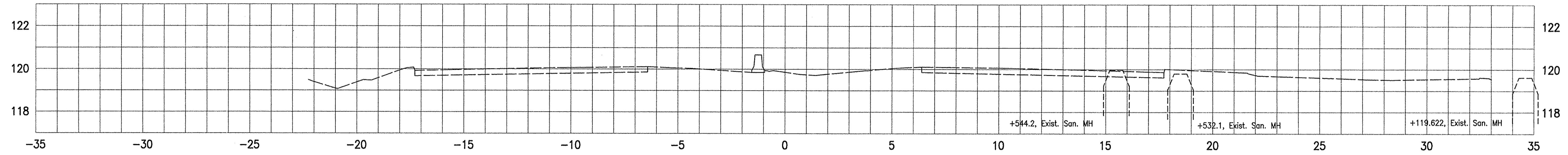
HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	108 of 147 PROJECT NH-006-4(047)

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

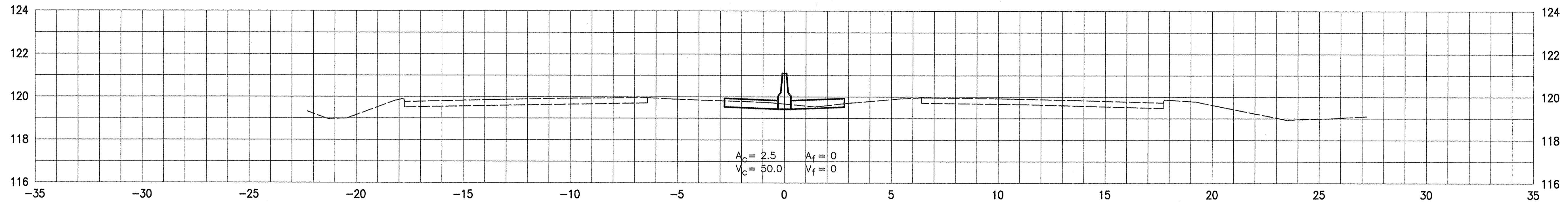


INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		1:100	DESIGNATION
CROSS SECTIONS S.R. 66 - VANDERBURGH CO.		VERTICAL SCALE	9223010
		1:100	SHEETS
DESIGNED: DJG	DRAWN: MTM	SURVEY BOOK	109 of 147
CHECKED: MAE	CHECKED: DJG	CONTRACT	PROJECT
		R-2495T	NH-006-4(047)

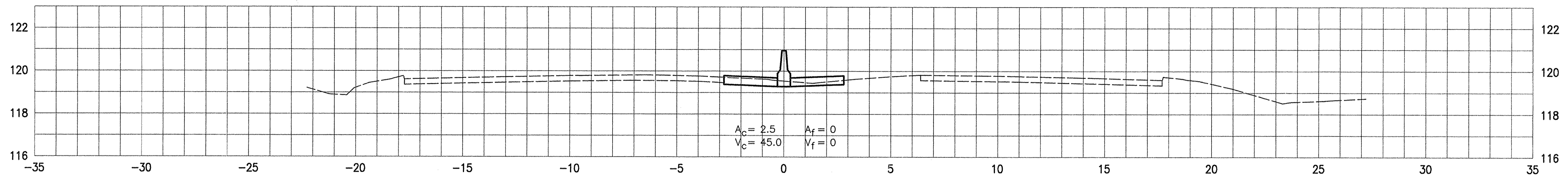
5+540



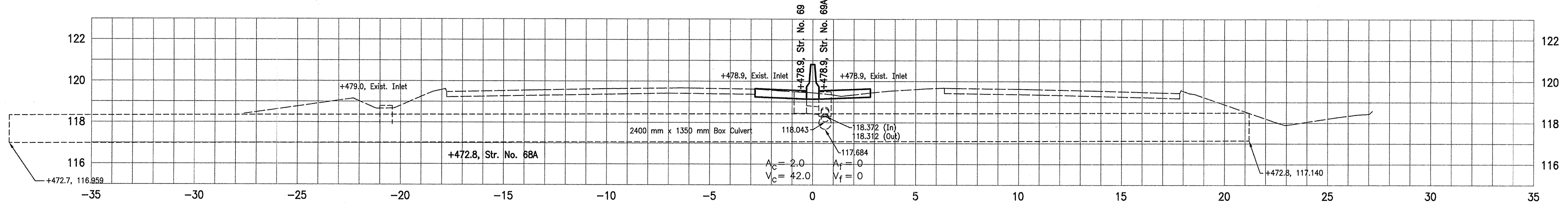
5+520



5+500



5+480

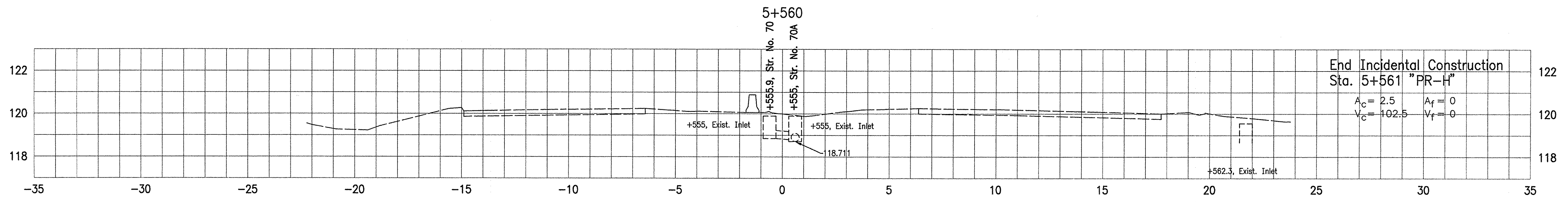
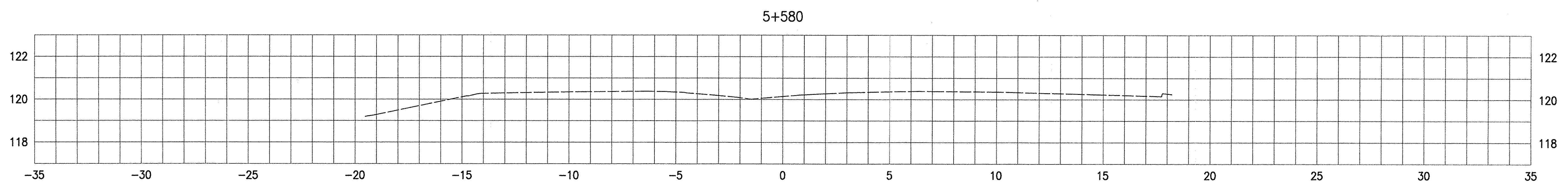
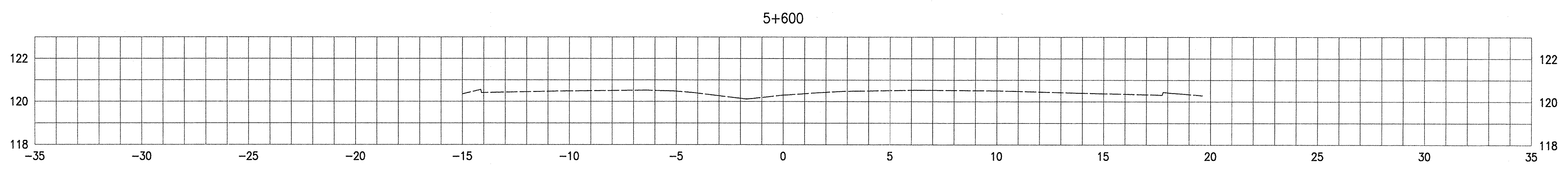
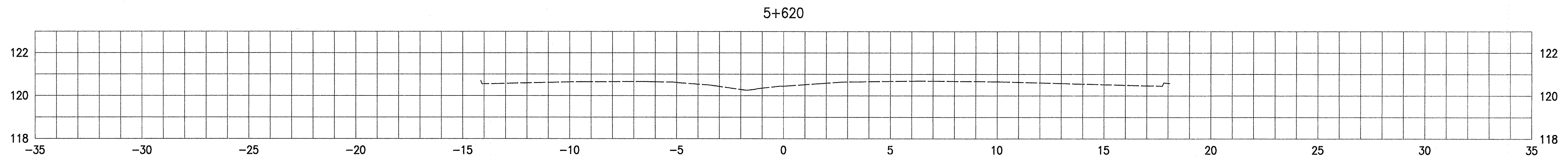


**INDIANA
DEPARTMENT OF TRANSPORTATION**

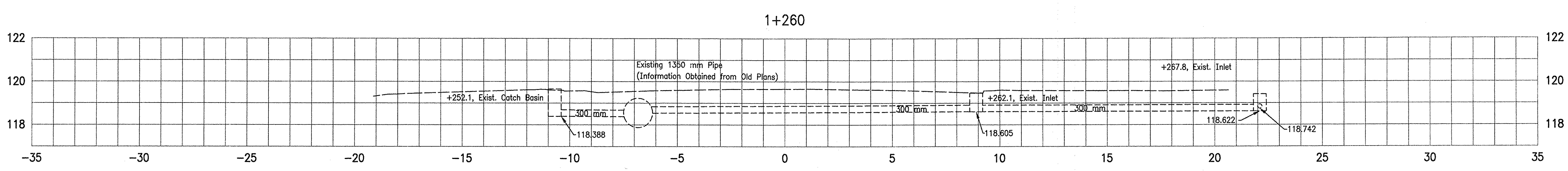
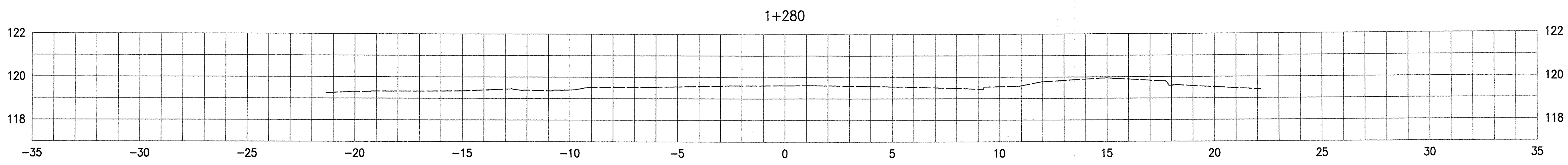
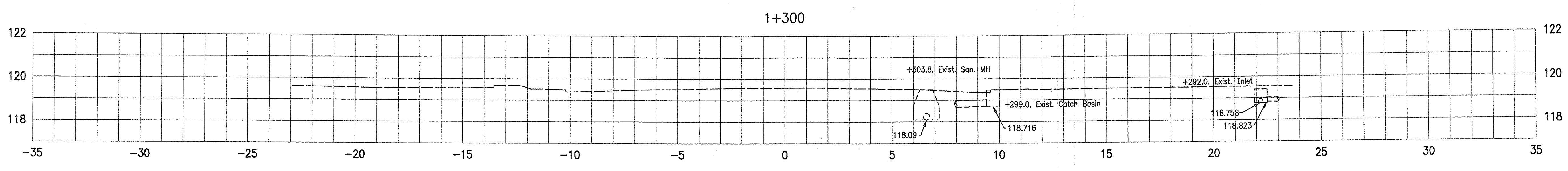
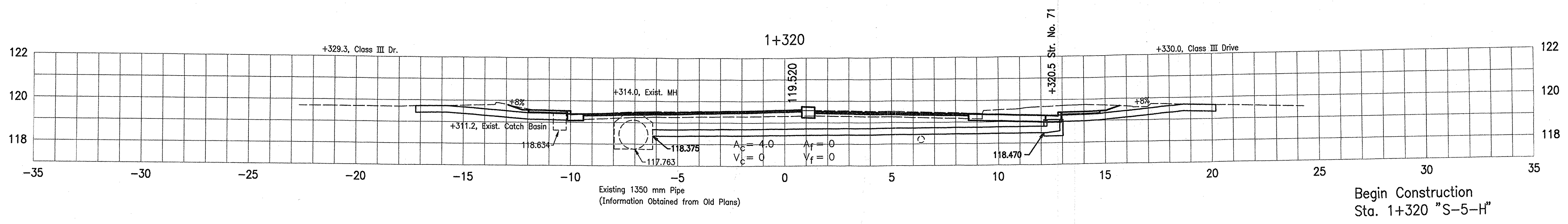
**CROSS SECTIONS
S.R. 66 - VANDERBURGH CO.**

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

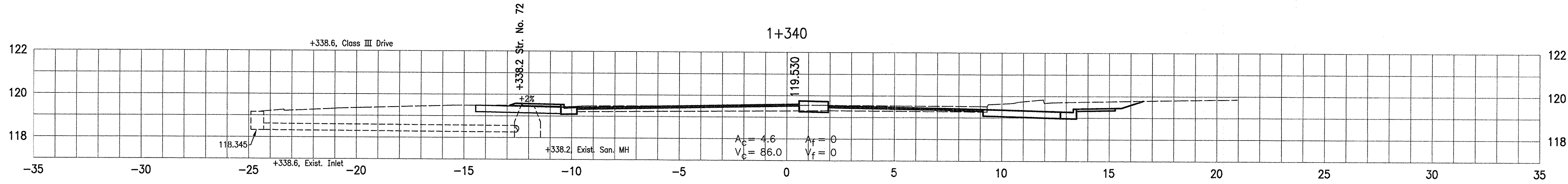
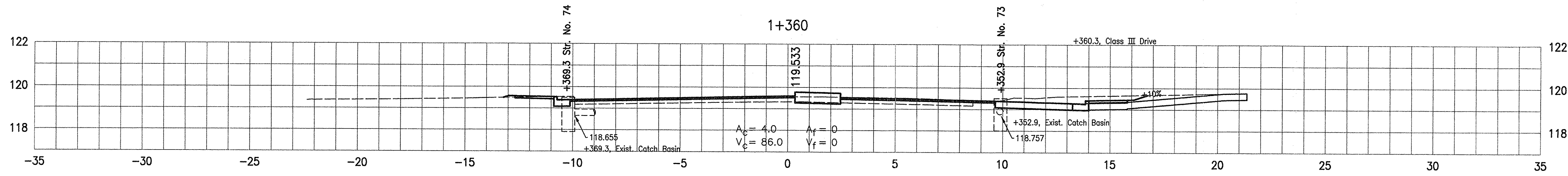
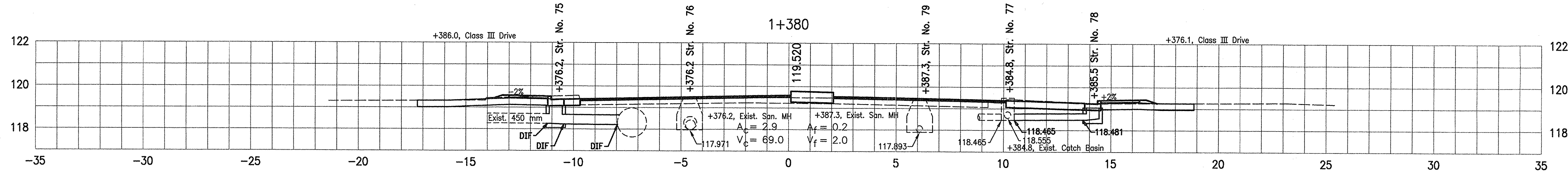
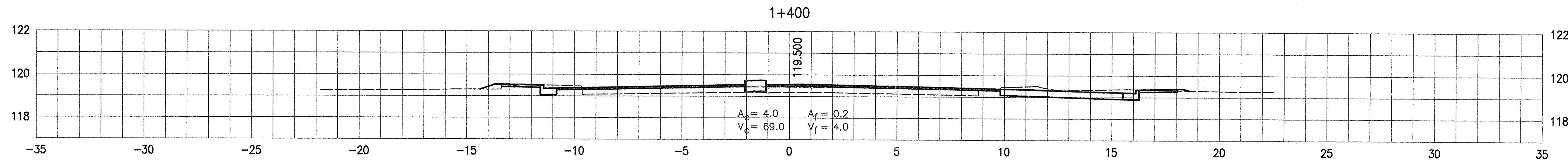
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VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS 110 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)



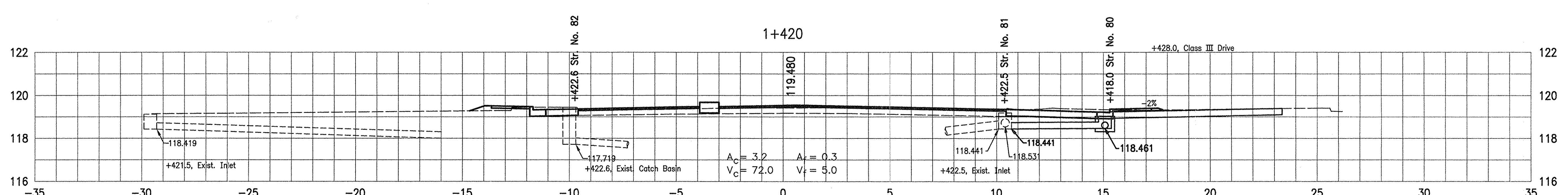
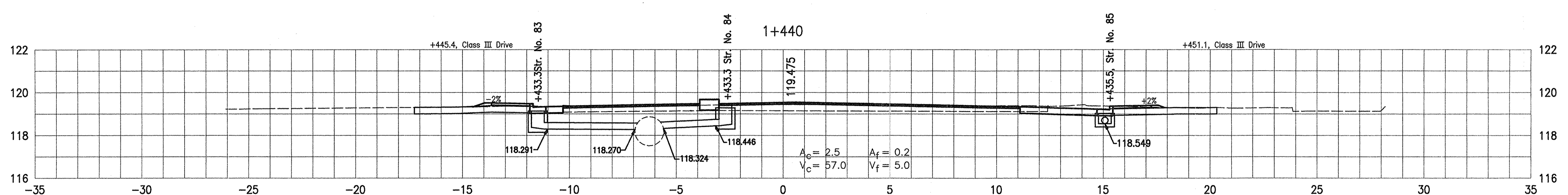
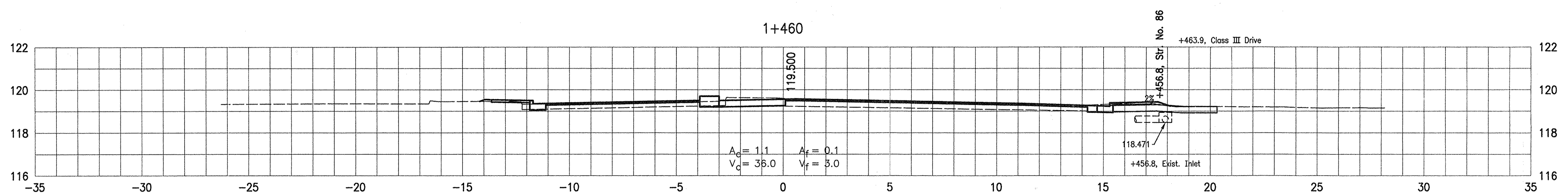
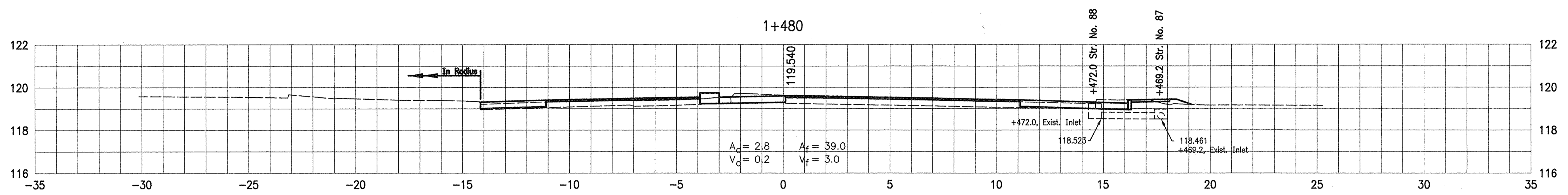
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SHEETS 111 of 147		PROJECT NH-006-4(047)



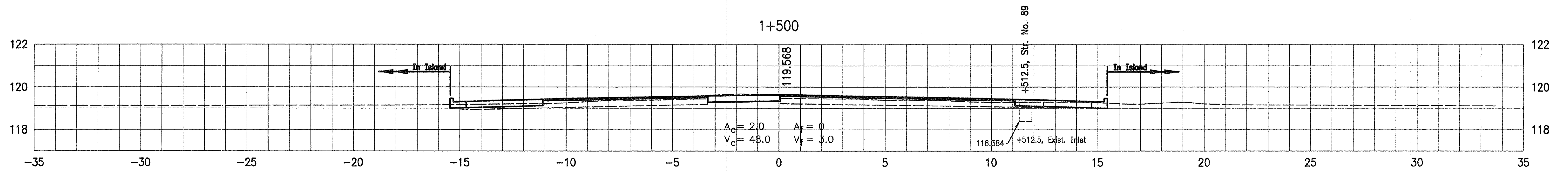
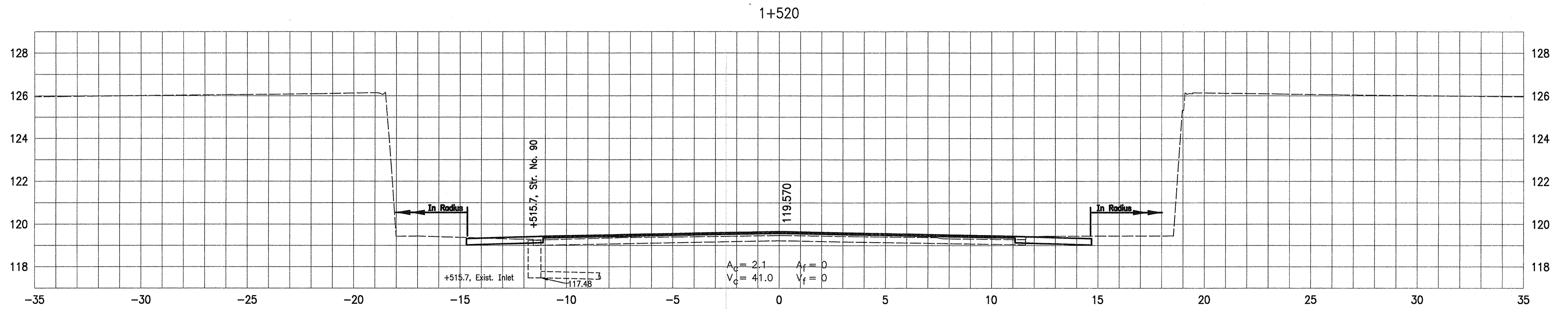
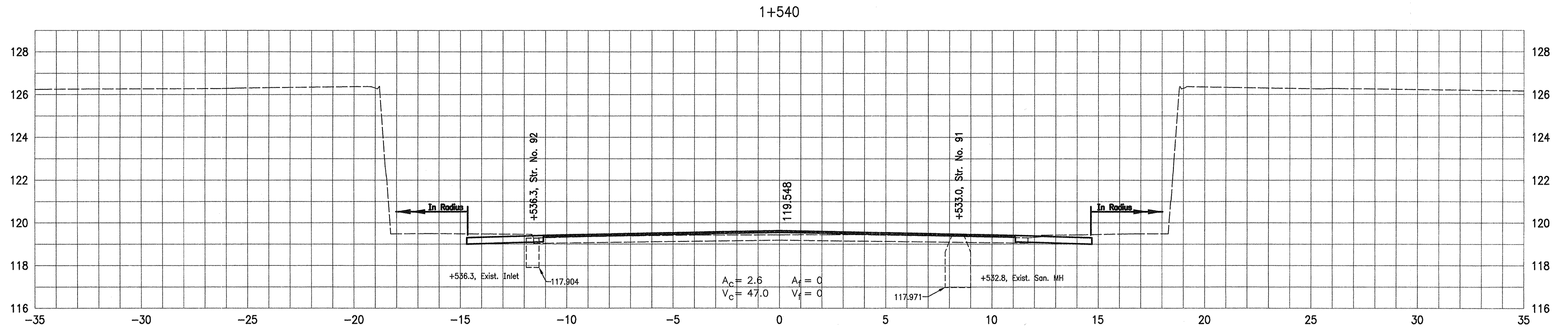
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				R-24957	NH-006-4(047)
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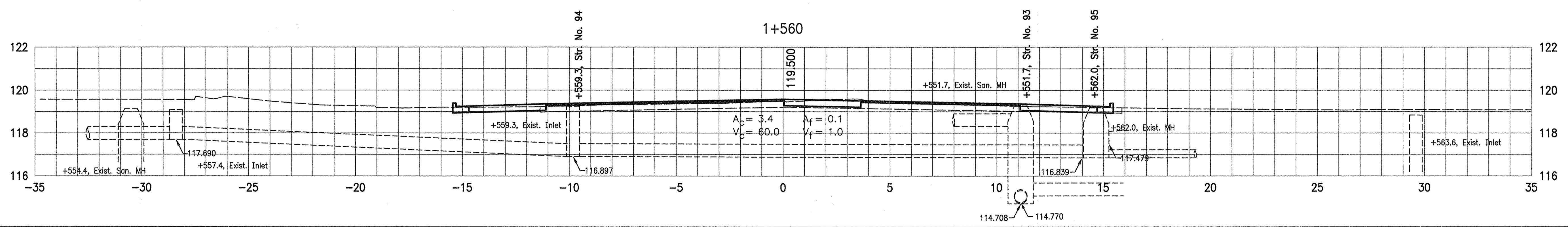
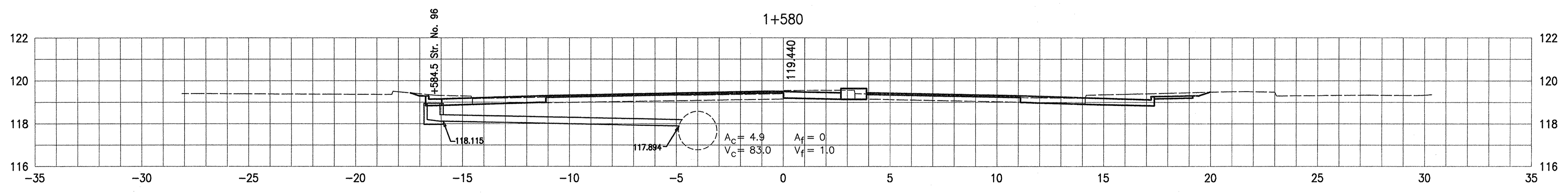
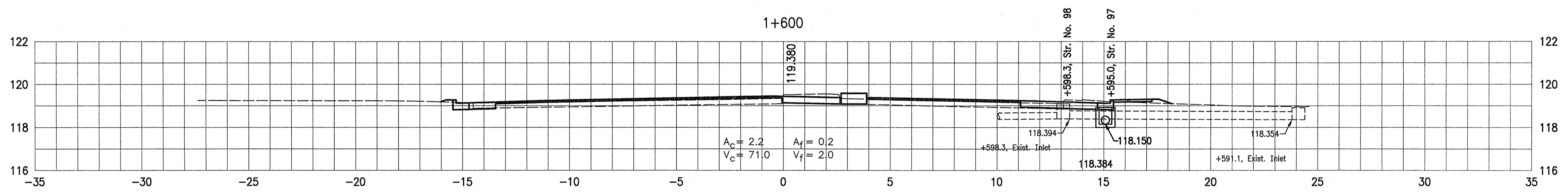
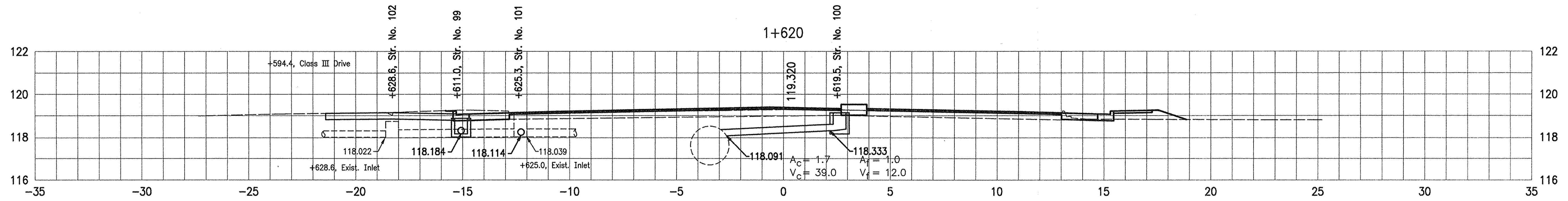
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							113 of 147
						CONTRACT	PROJECT
						R-2495T	NH-006-4(047)



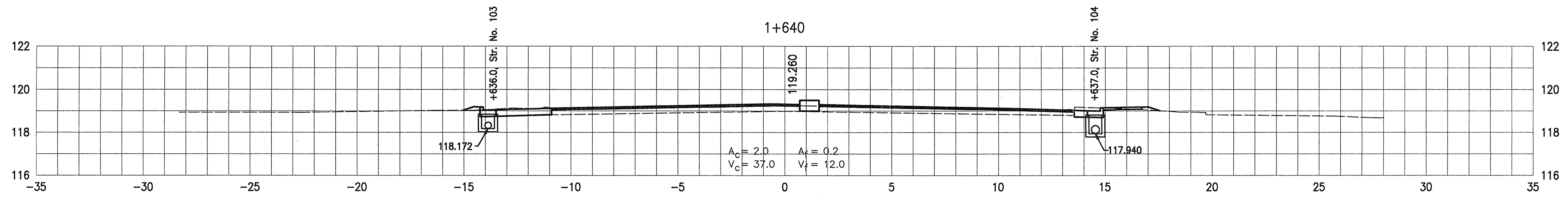
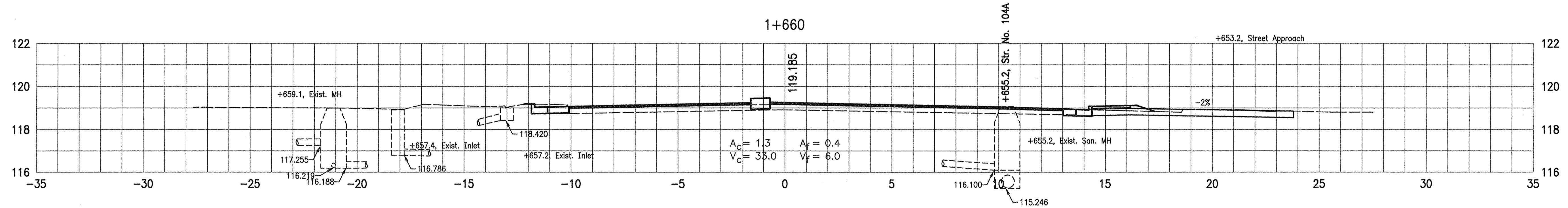
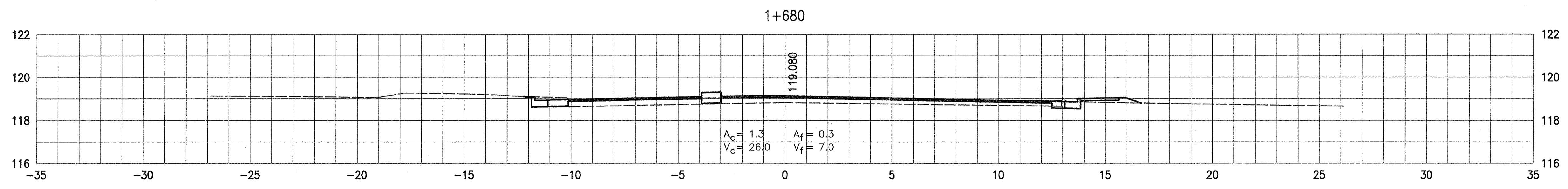
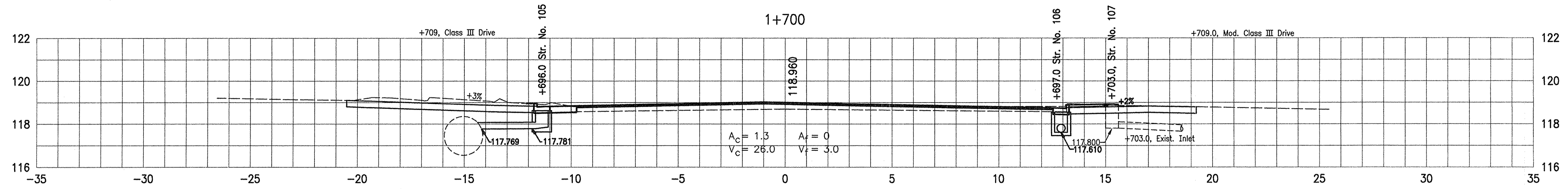
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						1:100	
						VERTICAL SCALE	DESIGNATION
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							114 of 147
						CONTRACT	PROJECT
						R-24951	NH-006-4(047)



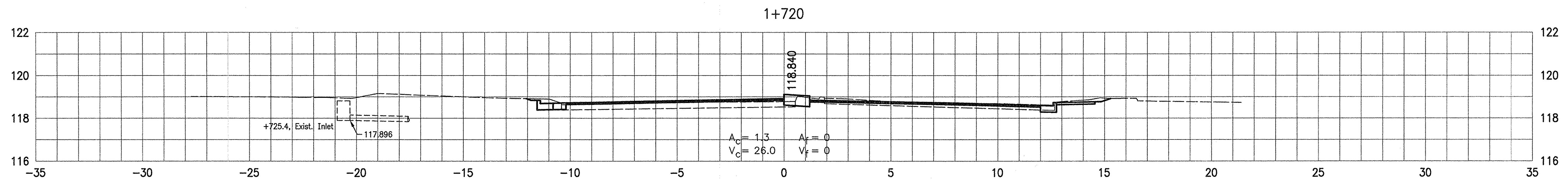
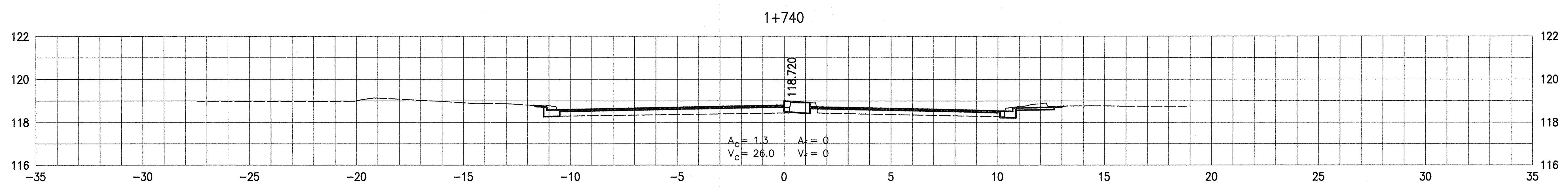
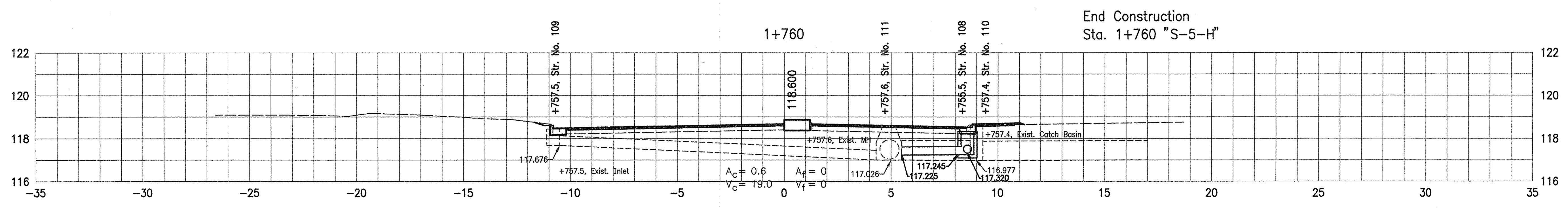
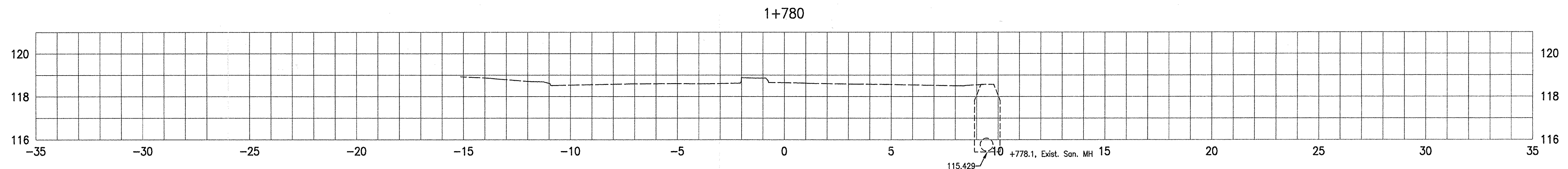
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		SHEETS 115 of 147 PROJECT NH-006-4(047)



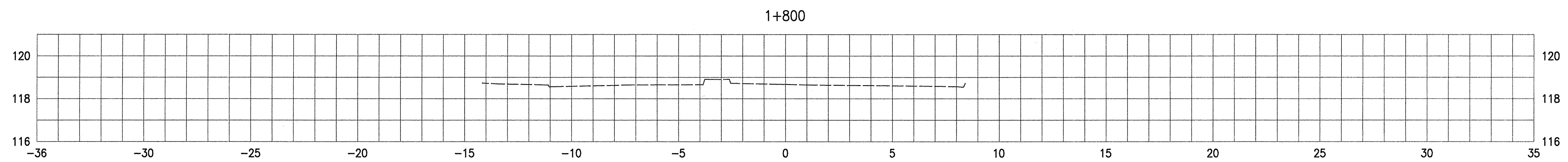
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CHECKED: MAE		CHECKED: DJG				VERTICAL SCALE	DESIGNATION
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						SURVEY BOOK	SHEETS
							116 of 147
						CONTRACT	PROJECT
						R-24951	NH-006-4(047)



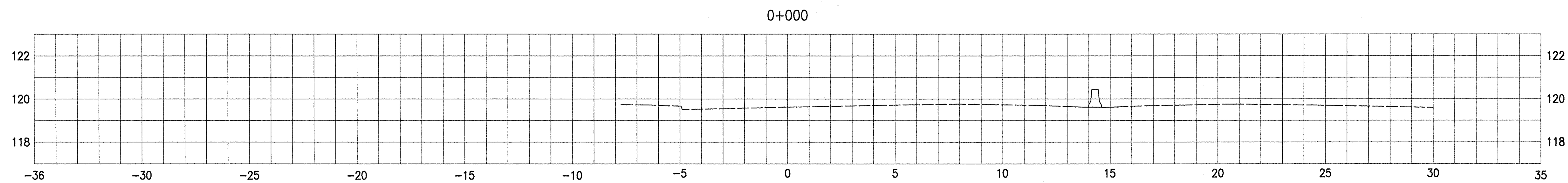
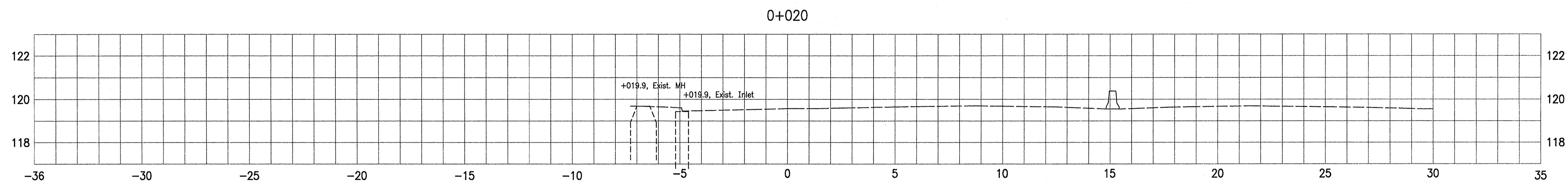
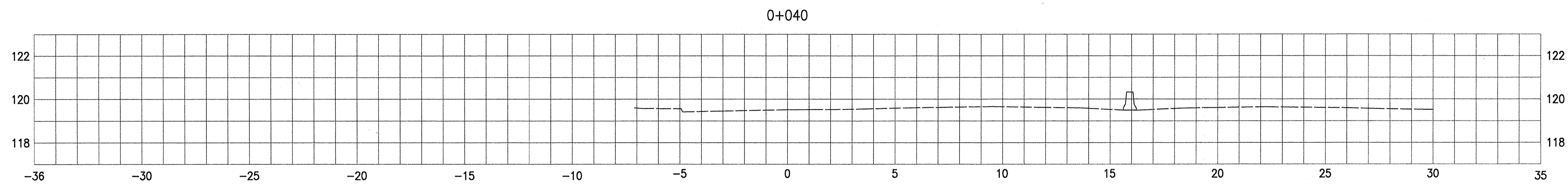
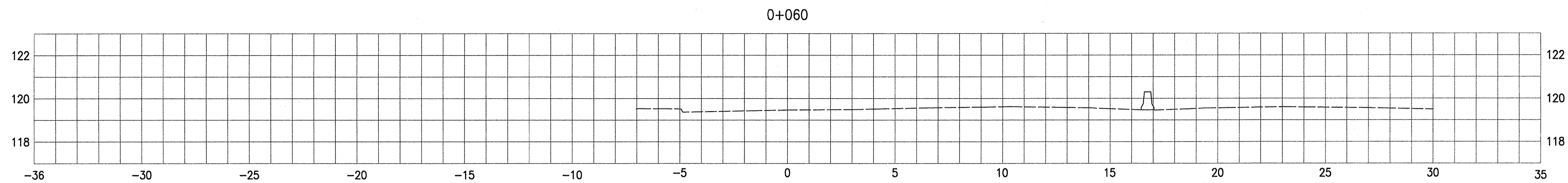
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								117 of 147	
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						R-24951		NH-006-4(047)	



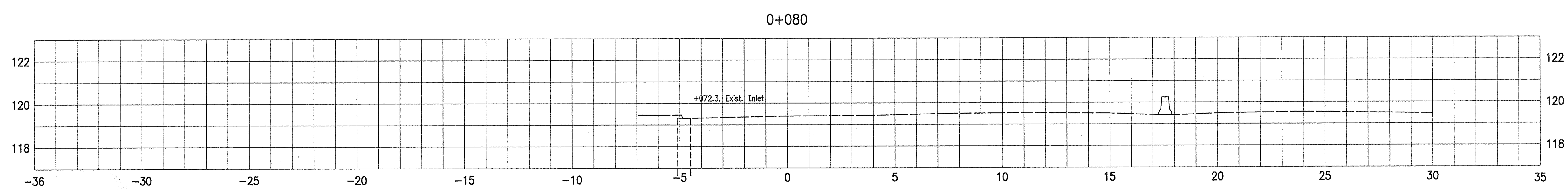
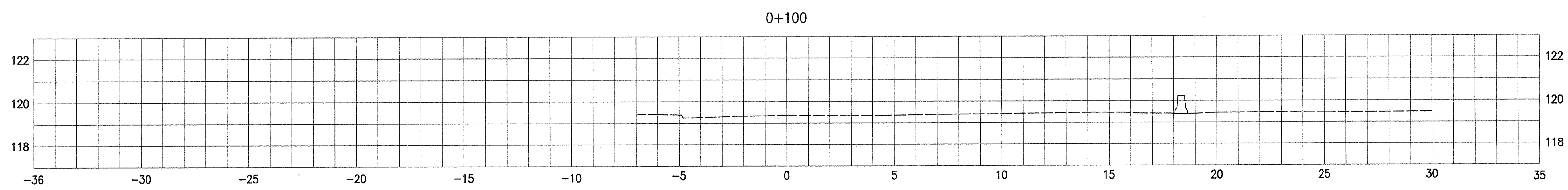
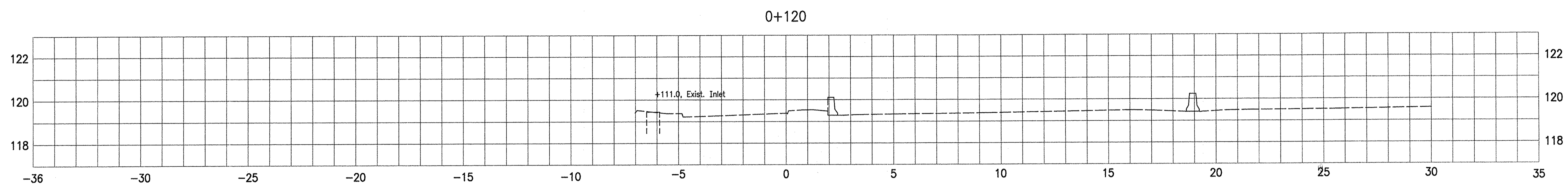
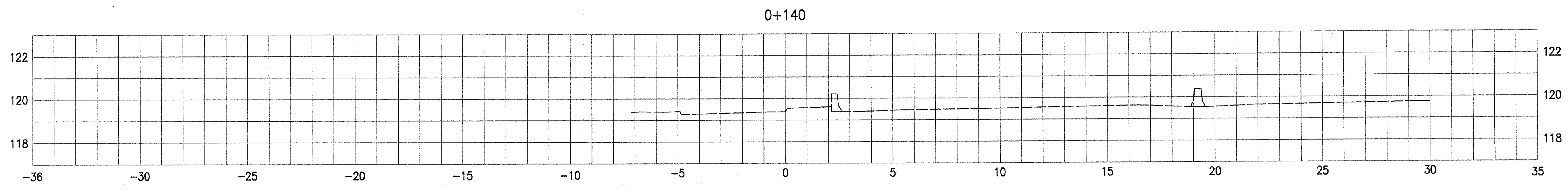
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CHECKED: MAE	CHECKED: DJG			CONTRACT R-24951	PROJECT NH-006-4(047)



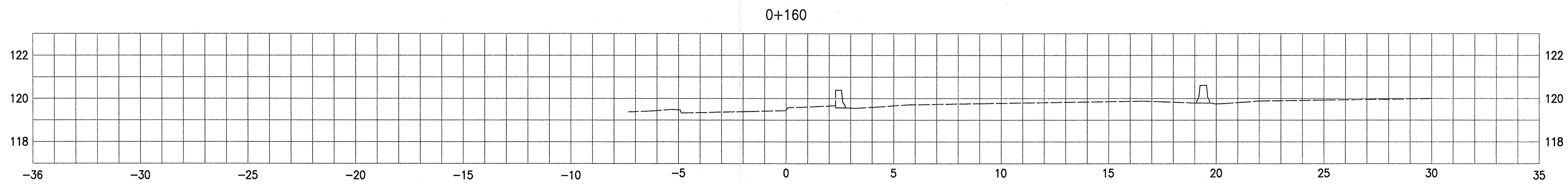
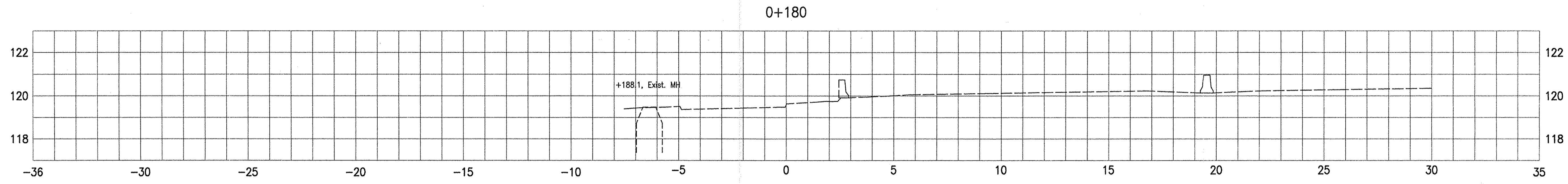
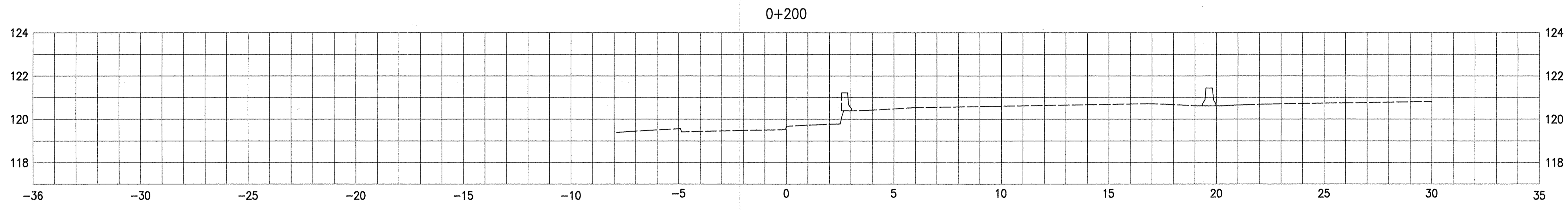
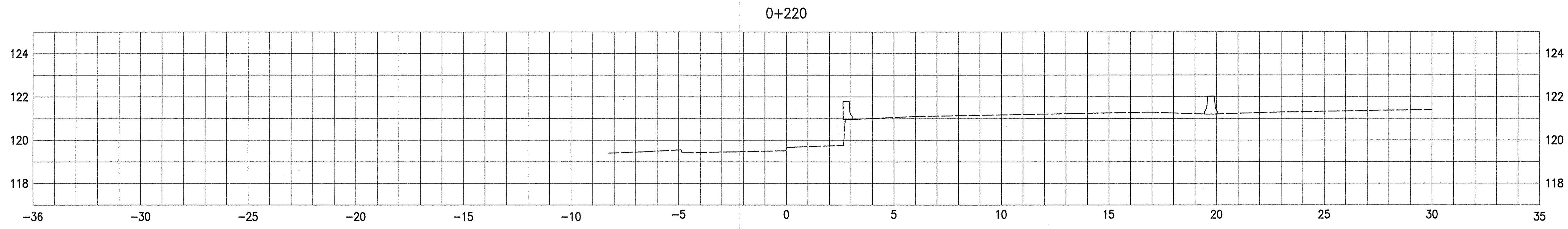
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				SURVEY BOOK	SHEETS
				CONTRACT R-24951	119 of 147 PROJECT NH-006-4(047)
		DESIGNED: DJG CHECKED: MAE	DRAWN: MTM CHECKED: DJG	CROSS SECTIONS - LINE "S-5-H" S.R. 66 - VANDERBURGH CO.	



		INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1:100	BRIDGE FILE
			VERTICAL SCALE 1:100	DESIGNATION 9223010
		CROSS SECTIONS - LINE "NWR" S.R. 66 - VANDERBURGH CO.	SURVEY BOOK	SHEETS 120 of 147
			CONTRACT R-24951	PROJECT NH-006-4(047)
DESIGNED: DJG	DRAWN: MTM			
CHECKED: MAE	CHECKED: DJG			



		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100	BRIDGE FILE
		CROSS SECTIONS - LINE "NWR" S.R. 66 - VANDERBURGH CO.		VERTICAL SCALE 1:100	DESIGNATION 9223010
		DESIGNED: DJG	DRAWN: MTM	SURVEY BOOK	
		CHECKED: MAE	CHECKED: DJG	SHEETS 121 of 147	
				CONTRACT R-24951	PROJECT NH-006-4(047)

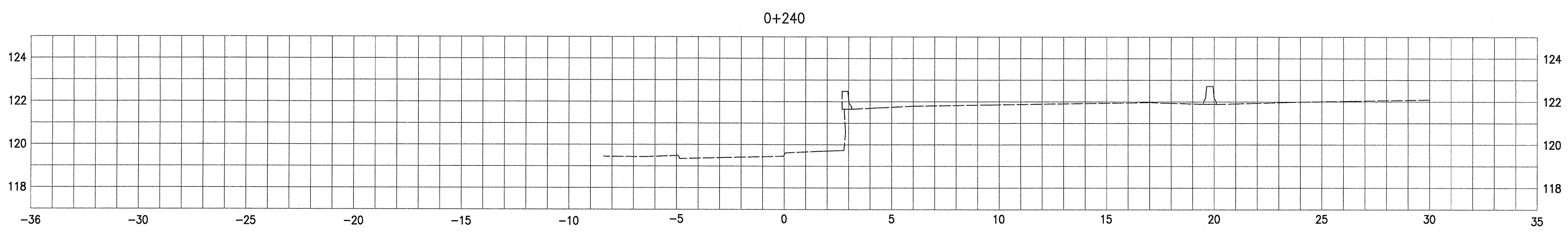
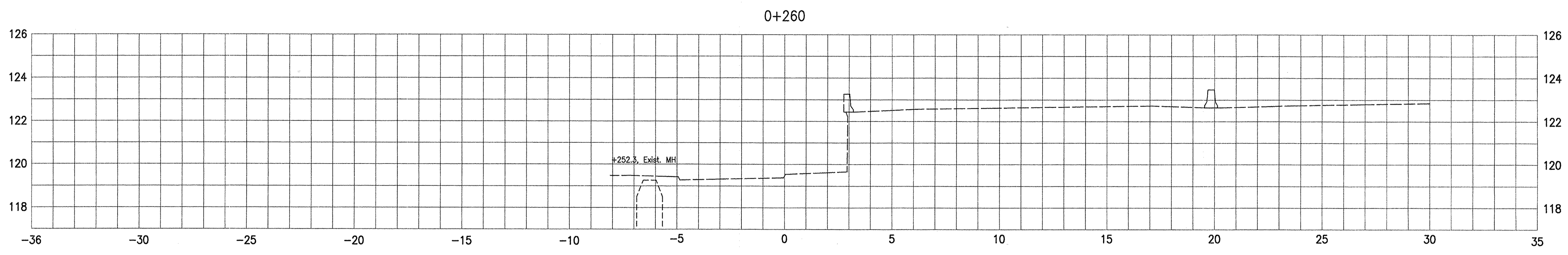
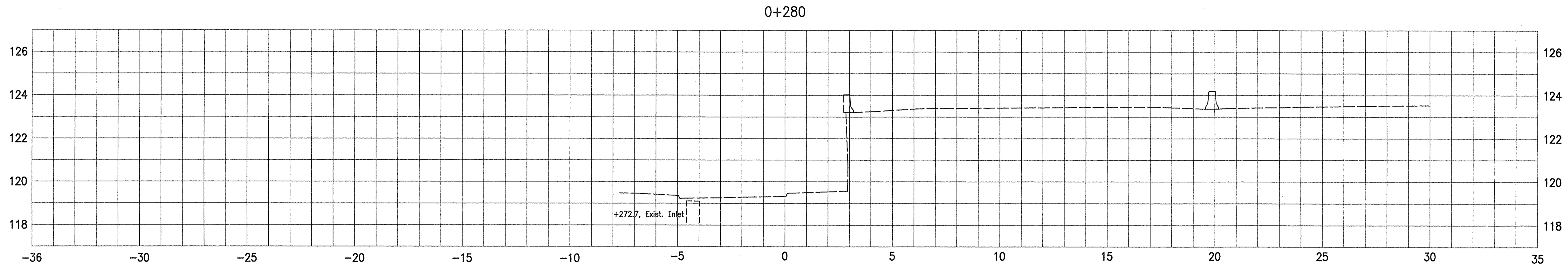


**INDIANA
DEPARTMENT OF TRANSPORTATION**

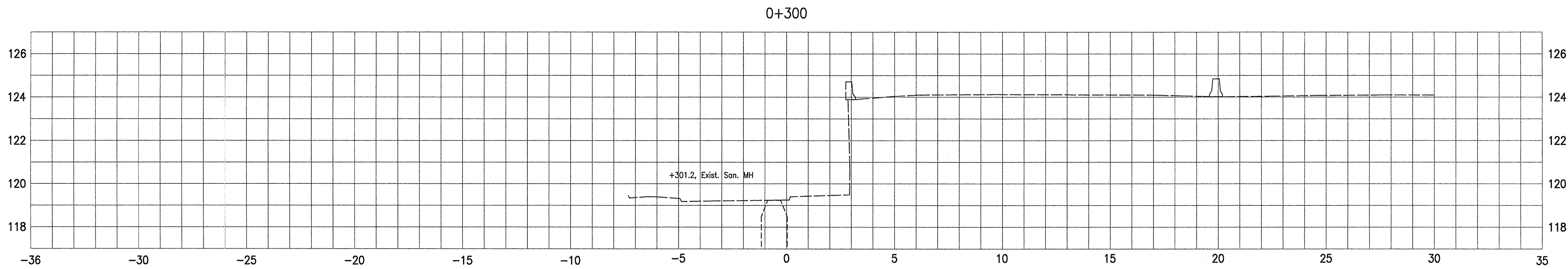
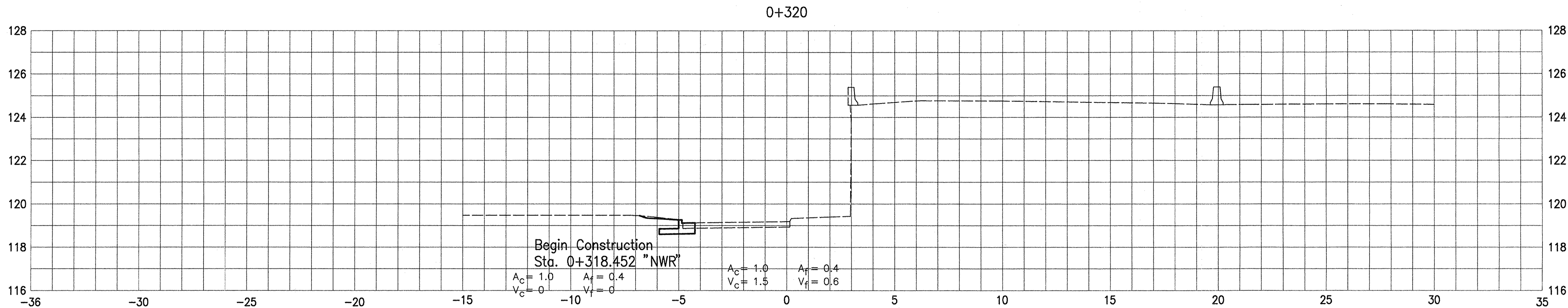
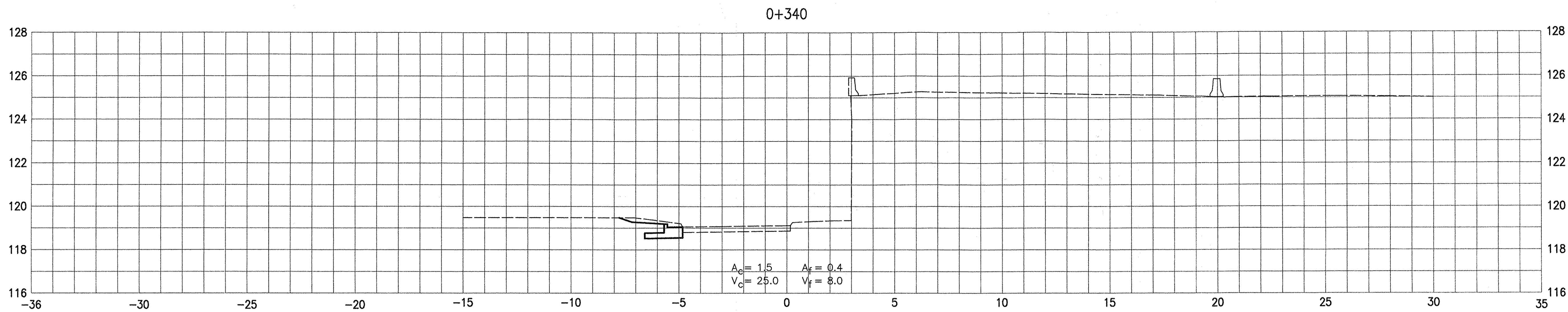
**CROSS SECTIONS - LINE "NWR"
S.R. 66 - VANDERBURGH CO.**

DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	122 of 147 PROJECT NH-006-4(047)

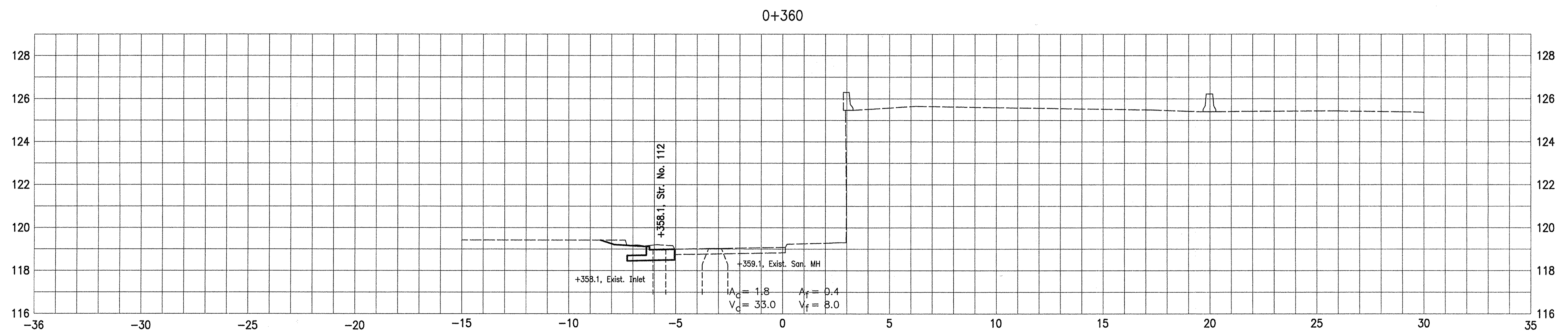
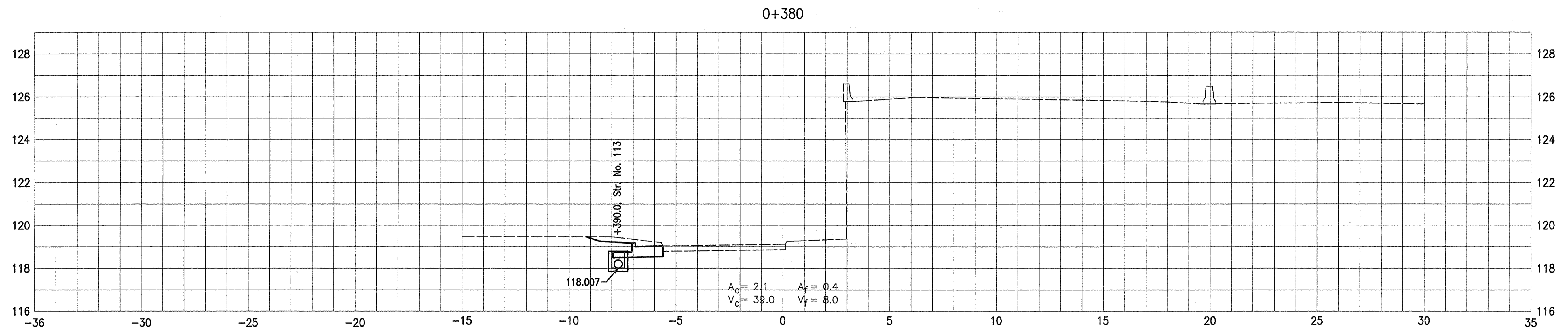


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DESIGNED: DJG	DRAWN: MTM		SURVEY BOOK	SHEETS
CHECKED: MAE	CHECKED: DJG		CONTRACT R-24951	123 of 147 PROJECT NH-006-4(047)



INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 BRIDGE FILE
CROSS SECTIONS - LINE "NWR" S.R. 66 - VANDERBURGH CO.		VERTICAL SCALE 1:100 DESIGNATION 9223010
DESIGNED: DJG CHECKED: MAE	DRAWN: MTM CHECKED: DJG	SURVEY BOOK R-24951
SHEETS 124 of 147		PROJECT NH-006-4(047)

End Construction
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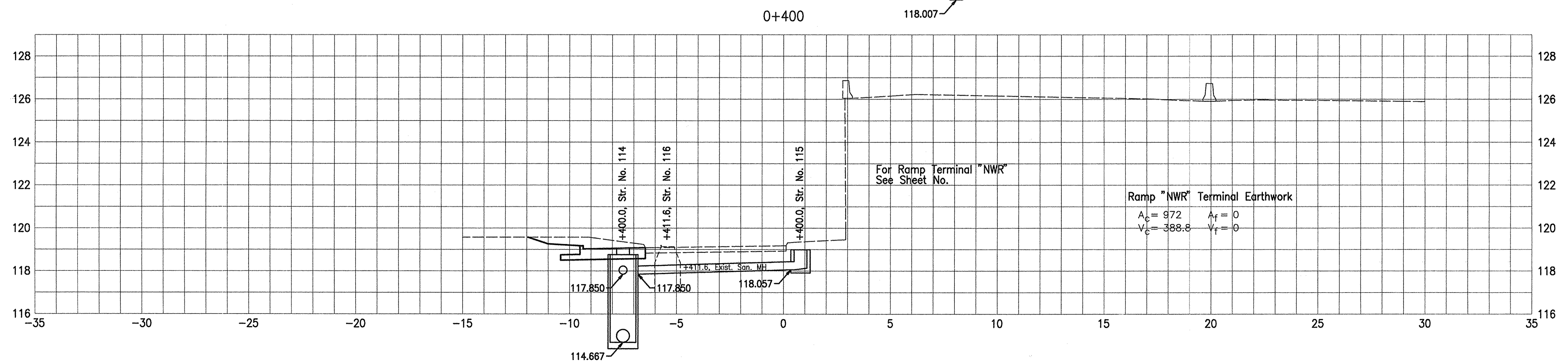
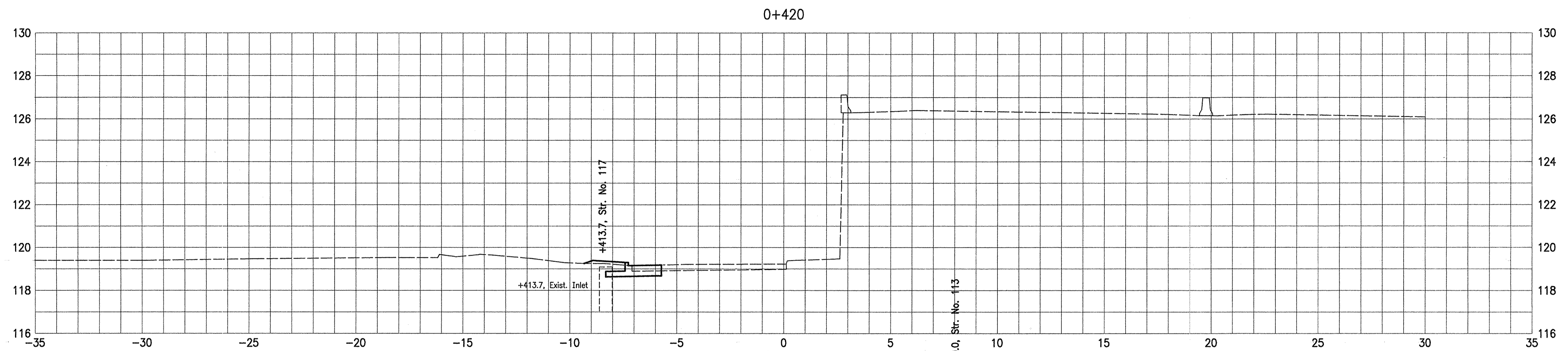


**INDIANA
 DEPARTMENT OF TRANSPORTATION**

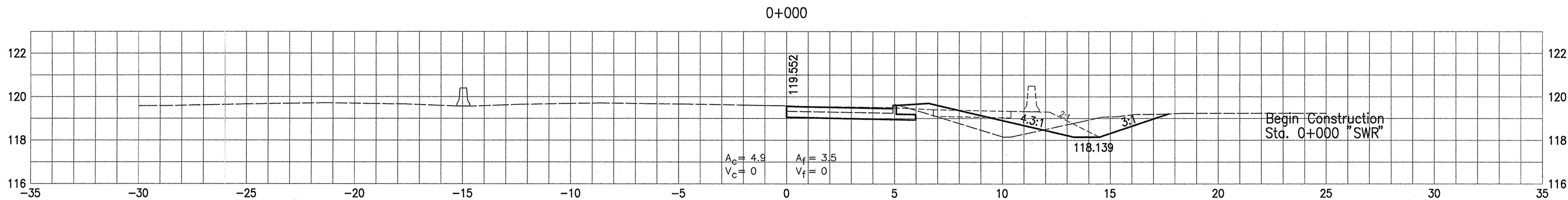
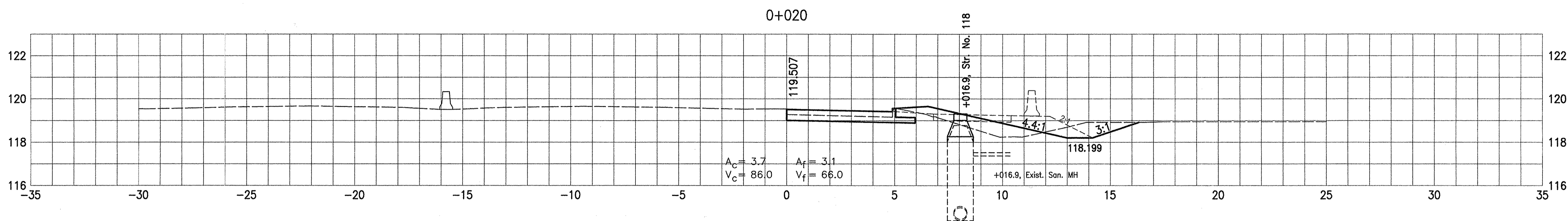
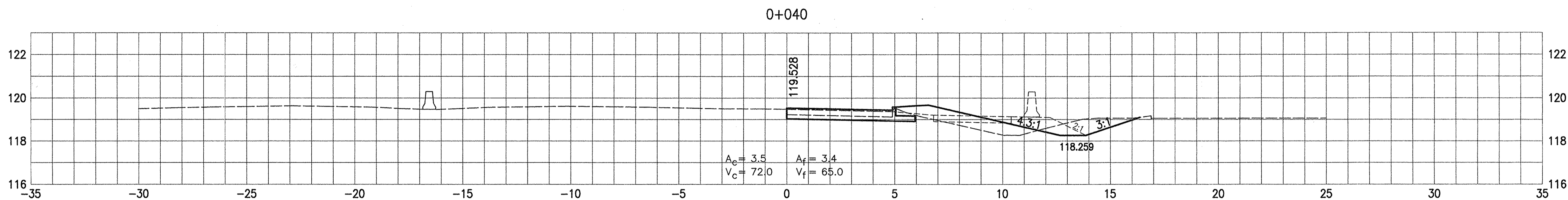
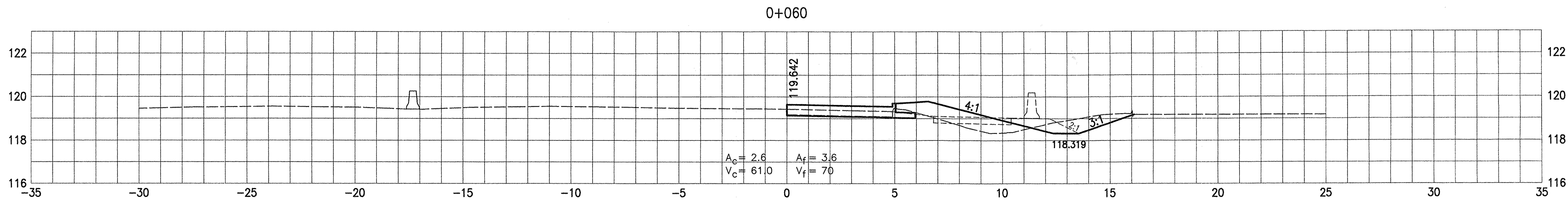
**CROSS SECTIONS - "NWR"
 S.R. 66 - VANDERBURGH CO.**

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	125 of 147 PROJECT NH-006-4(047)

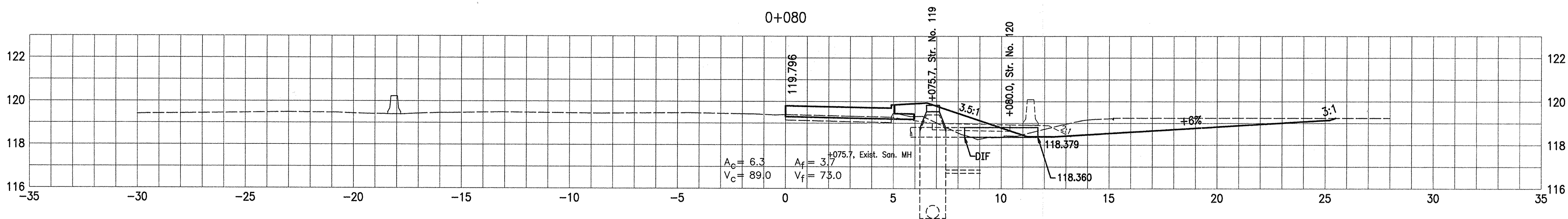
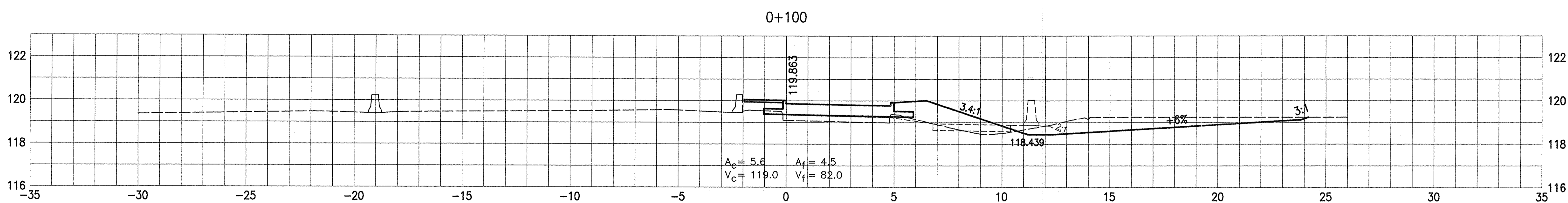
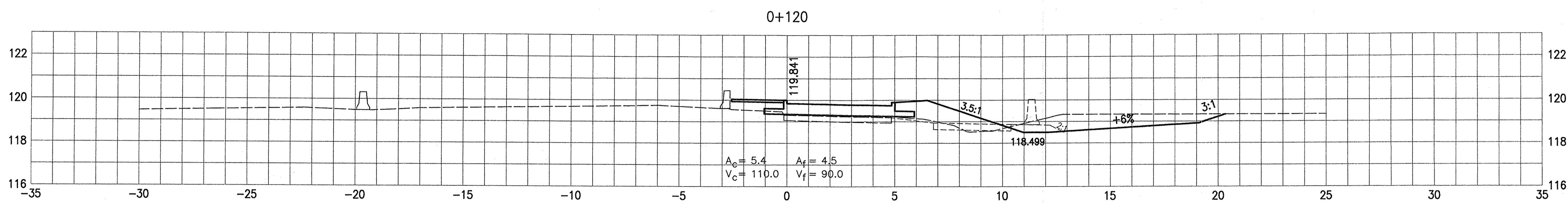
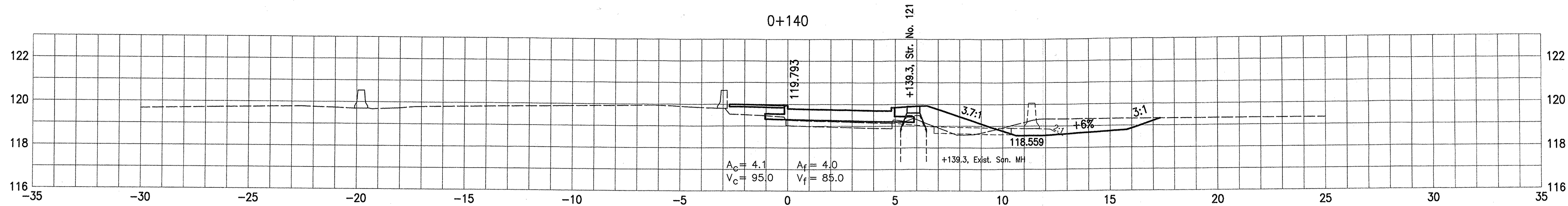
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DESIGNED: DJG		DRAWN: MTM		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE	
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						1:100		9223010	
						SURVEY BOOK		SHEETS	
								126 of 147	
						CONTRACT		PROJECT	
						R-24951		NH-006-4(047)	



				INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100	BRIDGE FILE
				CROSS SECTIONS - LINE "SWR"		VERTICAL SCALE 1:100	DESIGNATION 9223010
				S.R. 66 - VANDERBURGH CO.		SURVEY BOOK	SHEETS 127 of 147
DESIGNED: DJG		DRAWN: MTM				CONTRACT R-24951	PROJECT NH-006-4(047)
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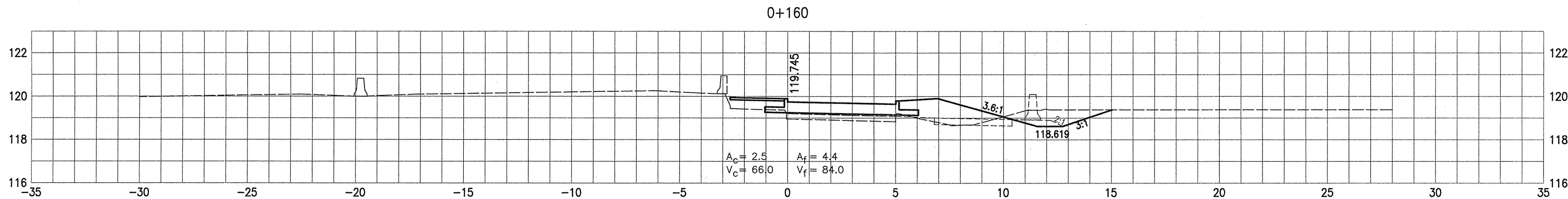
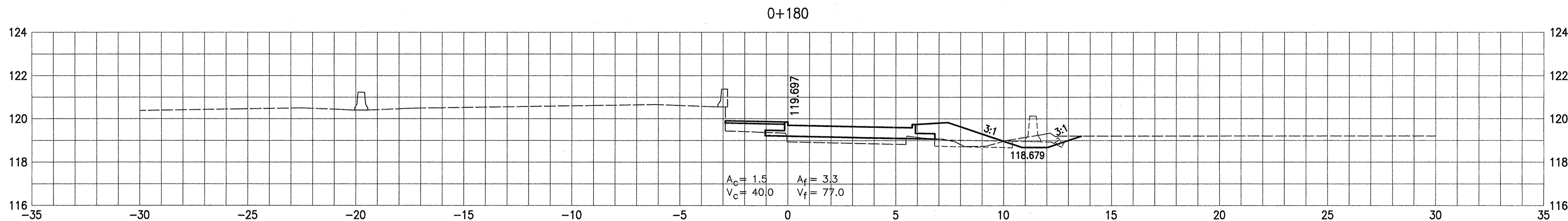
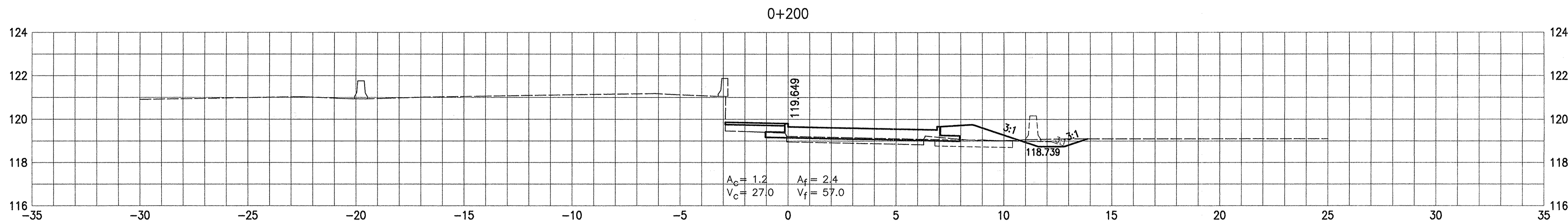


INDIANA
DEPARTMENT OF TRANSPORTATION

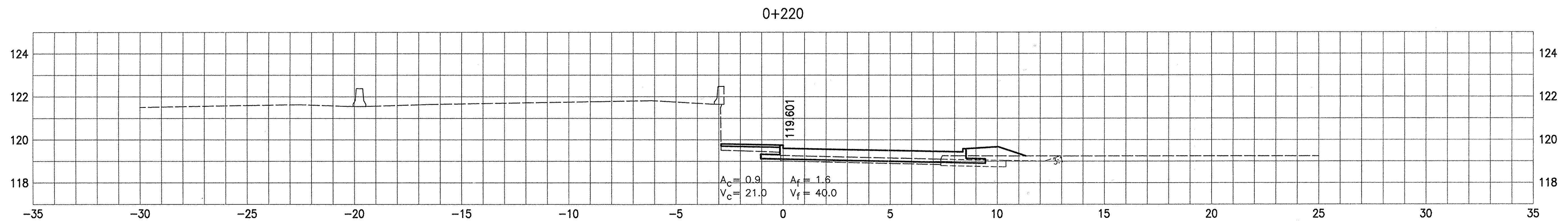
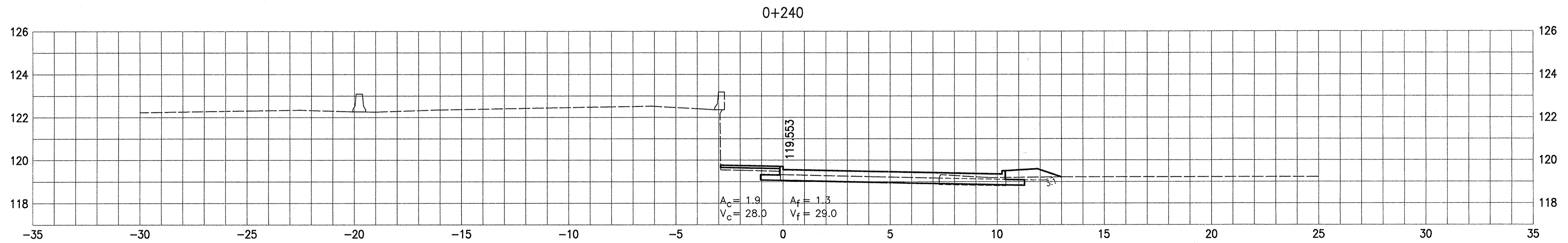
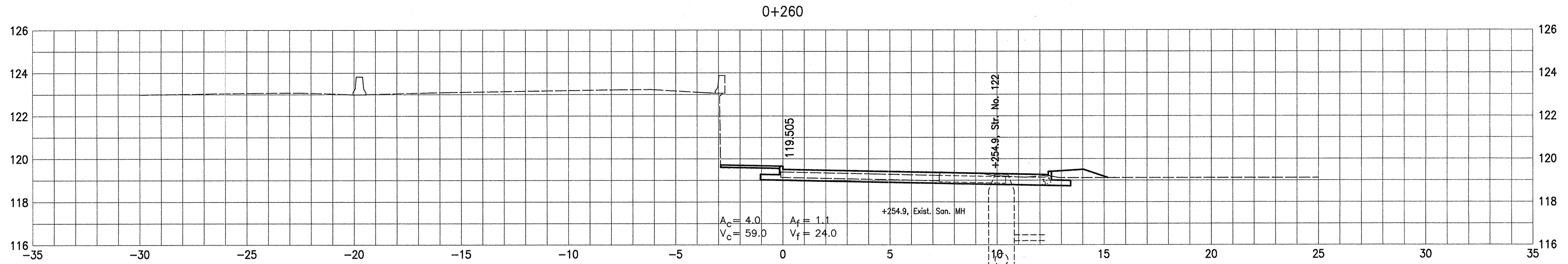
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CROSS SECTIONS - LINE "SWR"
S.R. 66 - VANDERBURGH CO.

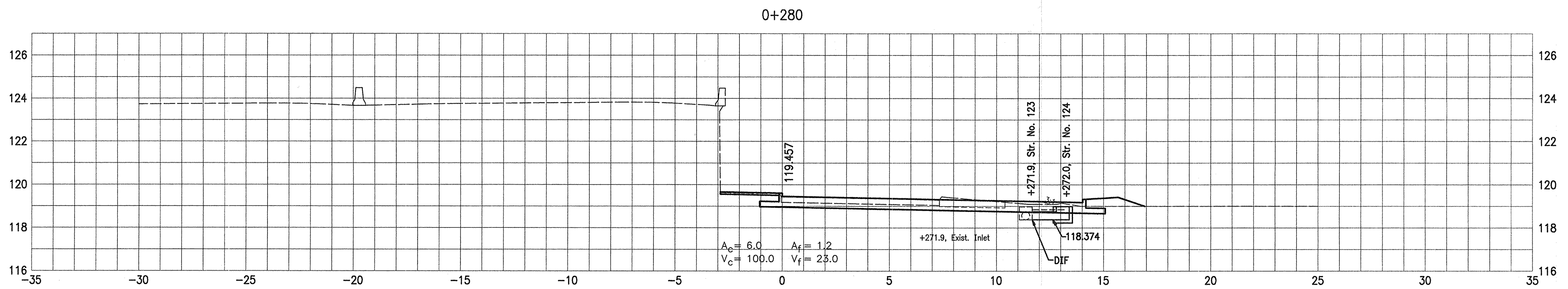
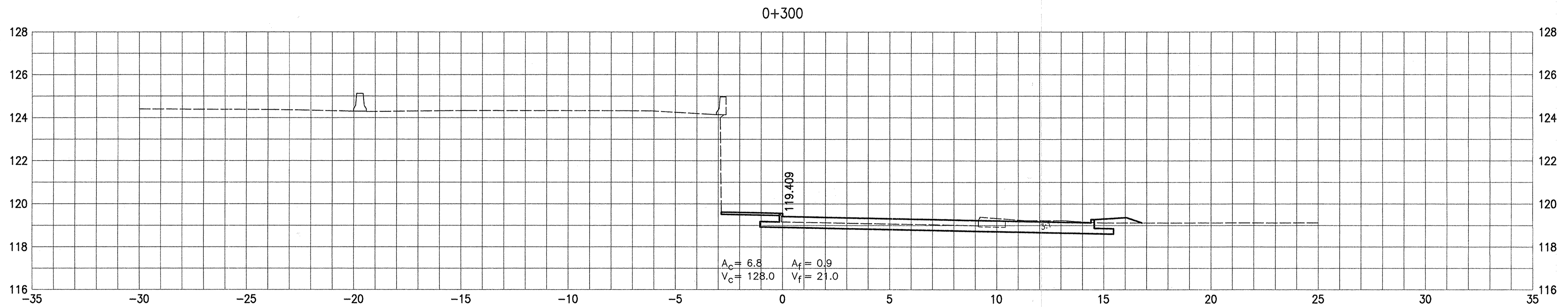
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VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	128 of 147 PROJECT NH-006-4(047)



		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100	BRIDGE FILE
		CROSS SECTIONS - LINE "SWR" S.R. 66 - VANDERBURGH CO.		VERTICAL SCALE 1:100	DESIGNATION 9223010
		DESIGNED: DJG	DRAWN: MTM	SURVEY BOOK	SHEETS
		CHECKED: MAE	CHECKED: DJG	CONTRACT R-24951	129 of 147 PROJECT NH-006-4(047)



INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 BRIDGE FILE
CROSS SECTIONS - LINE "SWR" S.R. 66 - VANDERBURGH CO.		VERTICAL SCALE 1:100 DESIGNATION 9223010
DESIGNED: DJG CHECKED: MAE	DRAWN: MTM CHECKED: DJG	SURVEY BOOK CONTRACT R-24951
SHEETS 130 of 147		PROJECT NH-006-4(047)

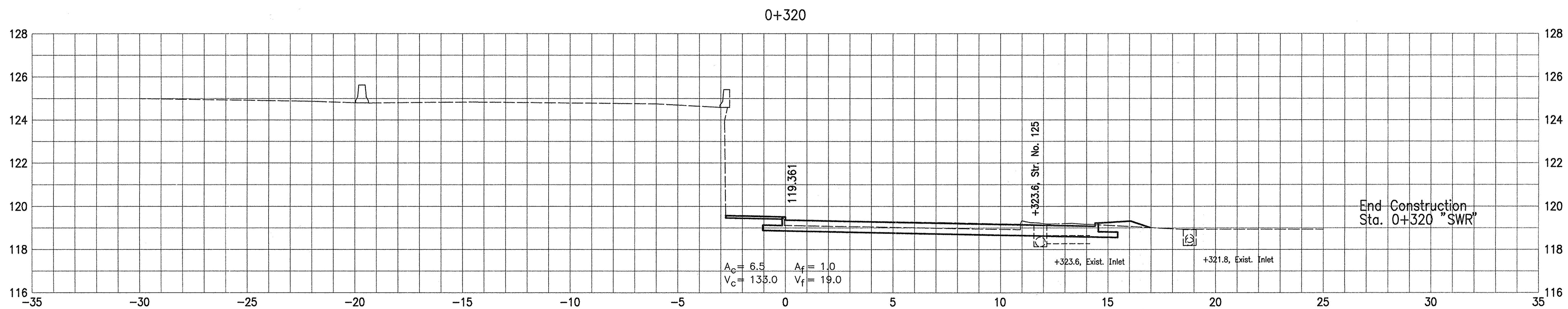
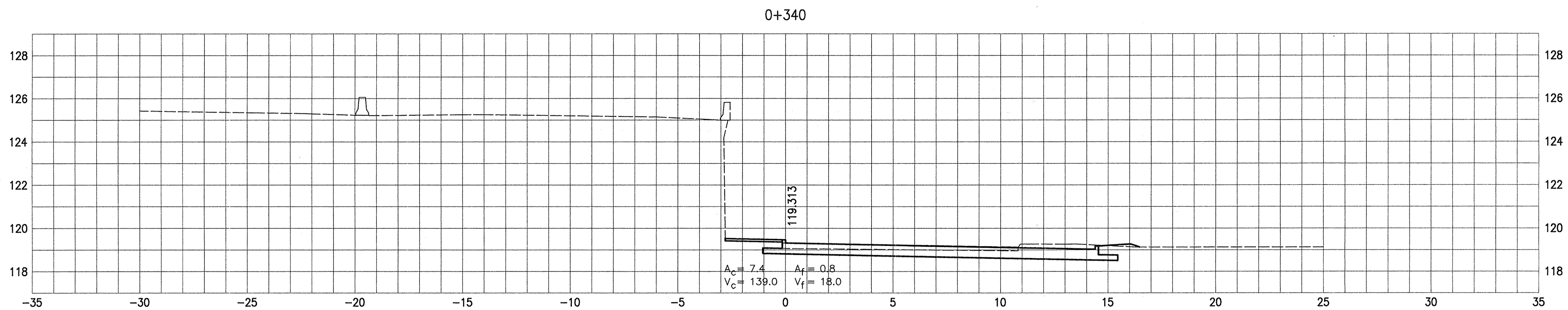


**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - LINE "SWR"
S.R. 66 - VANDERBURGH CO.**

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	131 of 147 PROJECT NH-006-4(047)

DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG

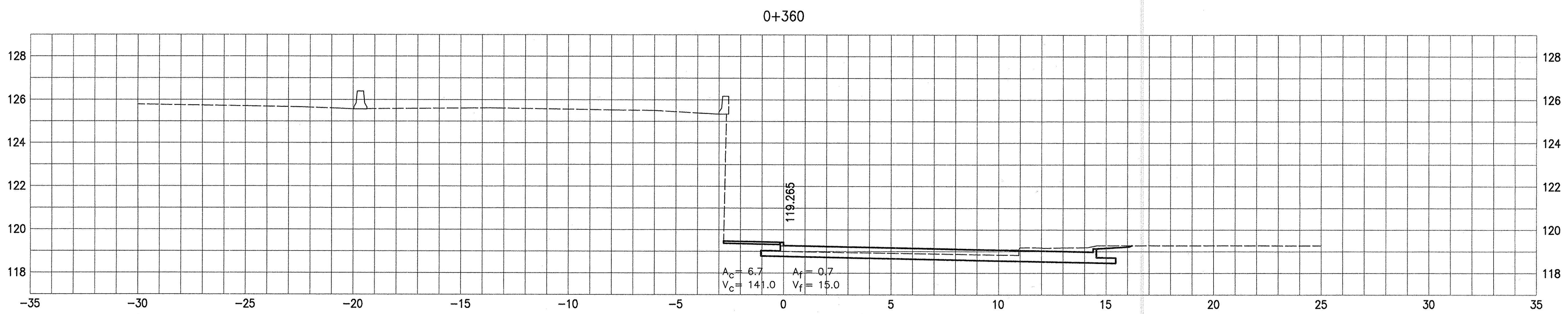
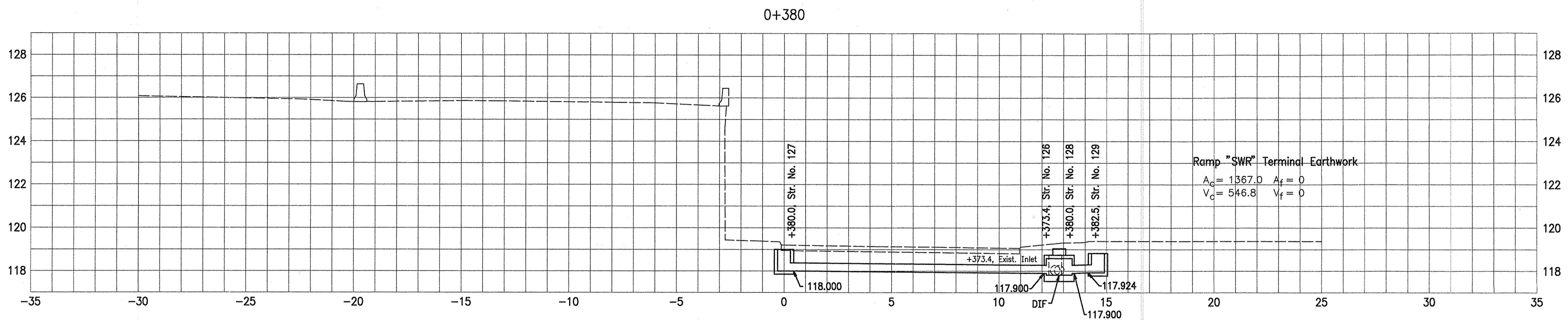


**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - LINE "SWR"
S.R. 66 - VANDERBURGH CO.**

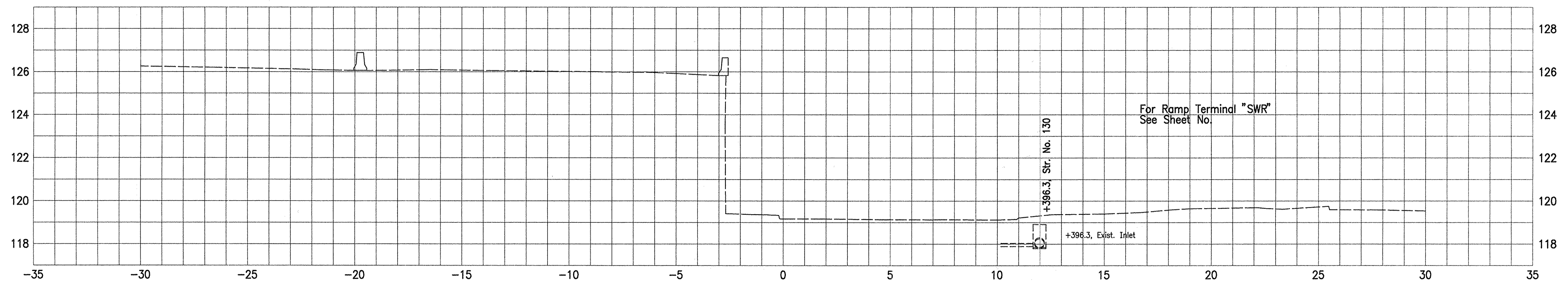
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VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
	132 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)

DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG



INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9223010
CROSS SECTIONS - LINE "SWR" S.R. 66 - VANDERBURGH CO.		SURVEY BOOK CONTRACT R-24951	SHEETS 133 of 147 PROJECT NH-006-4(047)
DESIGNED: DJG CHECKED: MAE	DRAWN: MTM CHECKED: DJG		

0+400

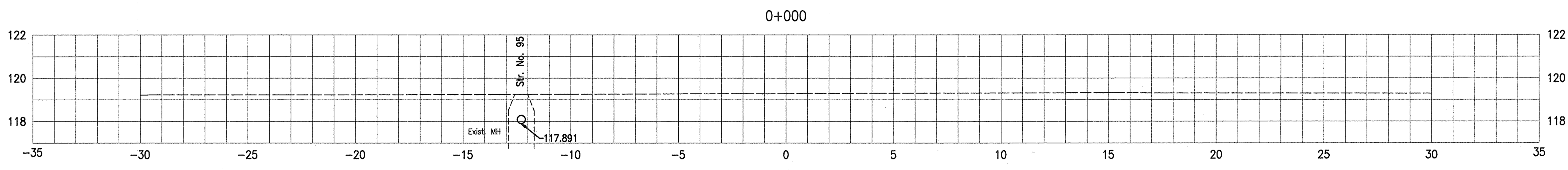
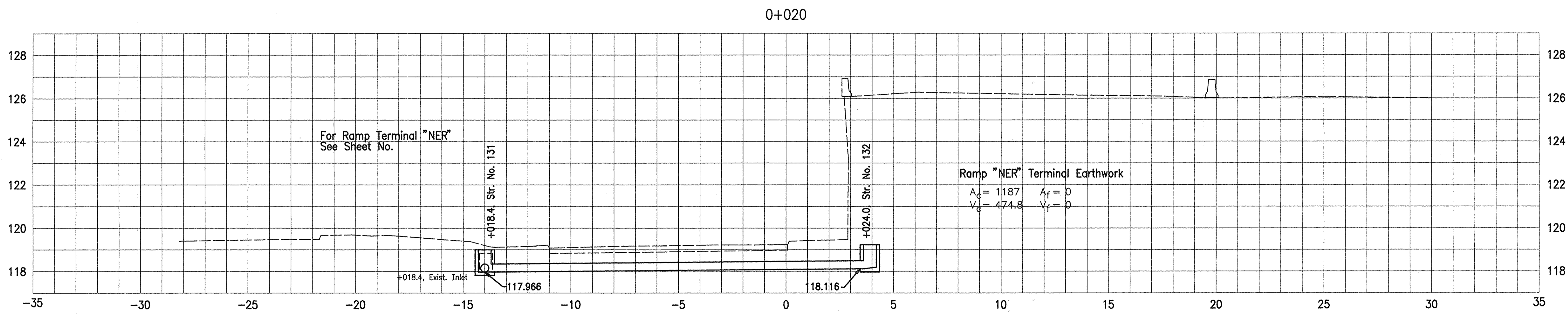
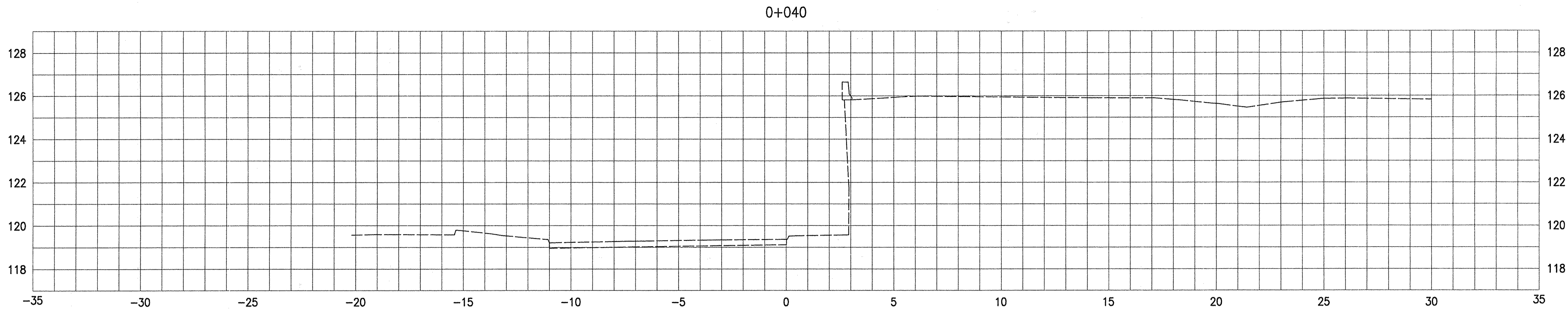


**INDIANA
DEPARTMENT OF TRANSPORTATION**

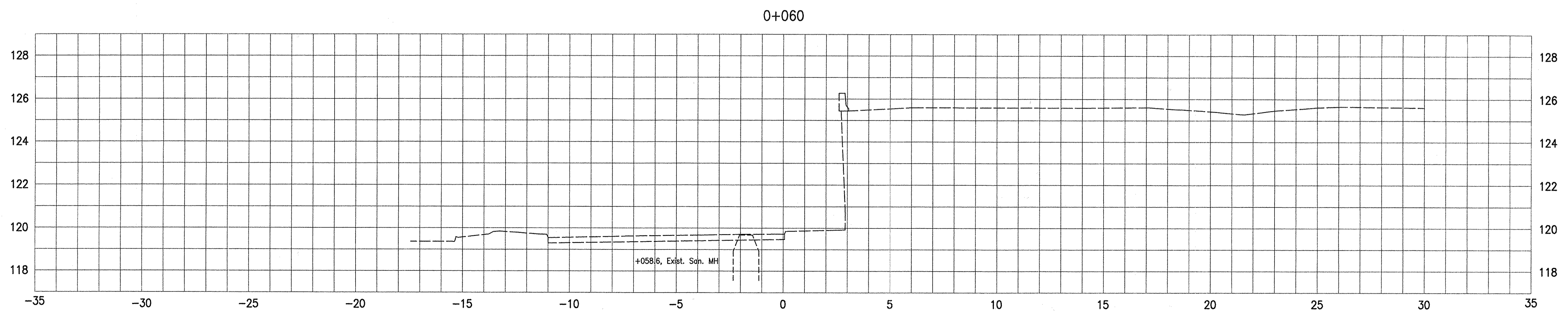
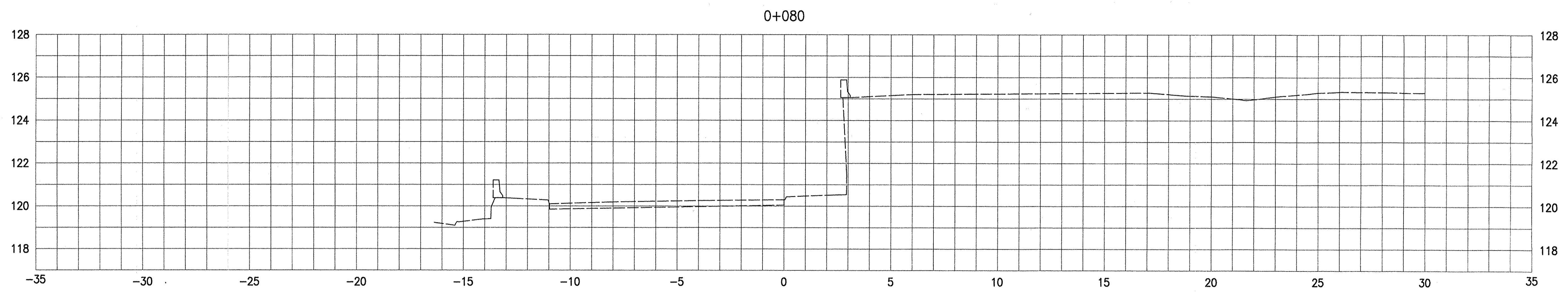
**CROSS SECTIONS - LINE "SWR"
S.R. 66 - VANDERBURGH CO.**

HORIZONTAL SCALE	BRIDGE FILE
1:100	
VERTICAL SCALE	DESIGNATION
1:100	9223010
SURVEY BOOK	SHEETS
	134 of 147
CONTRACT	PROJECT
R-24951	NH-006-4(047)

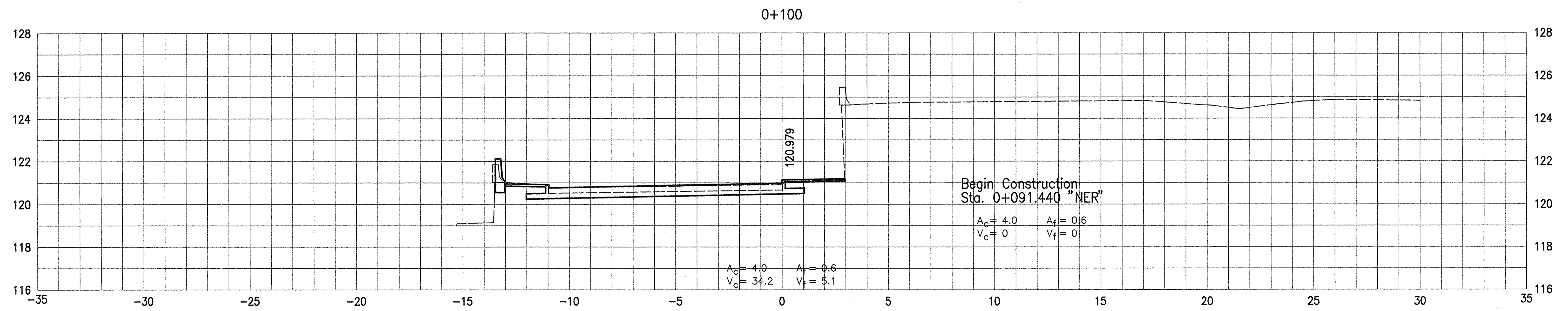
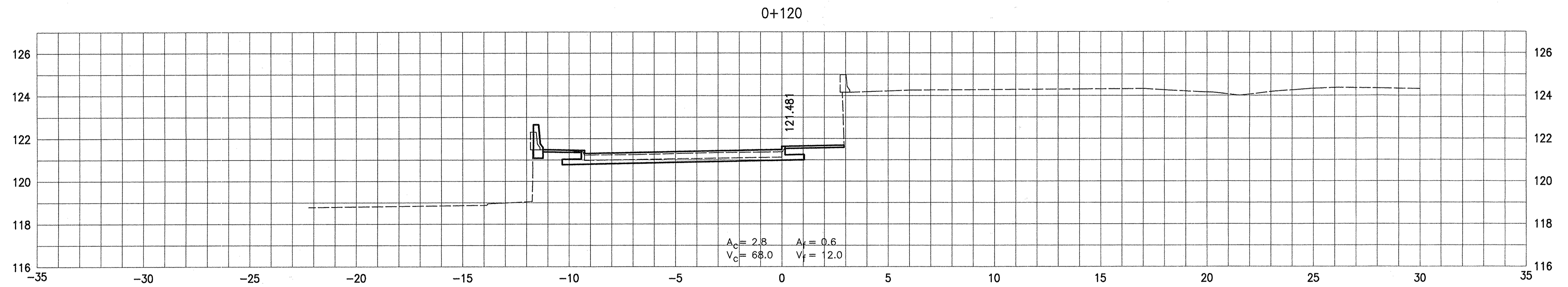
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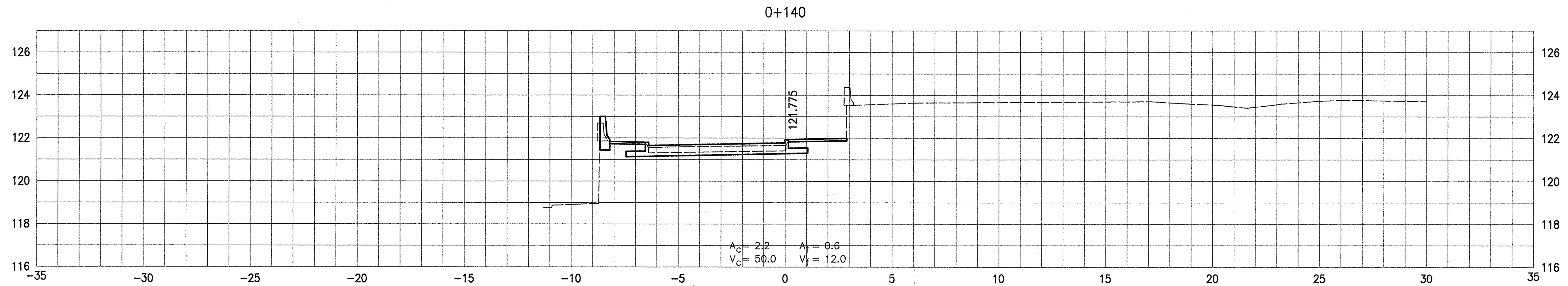
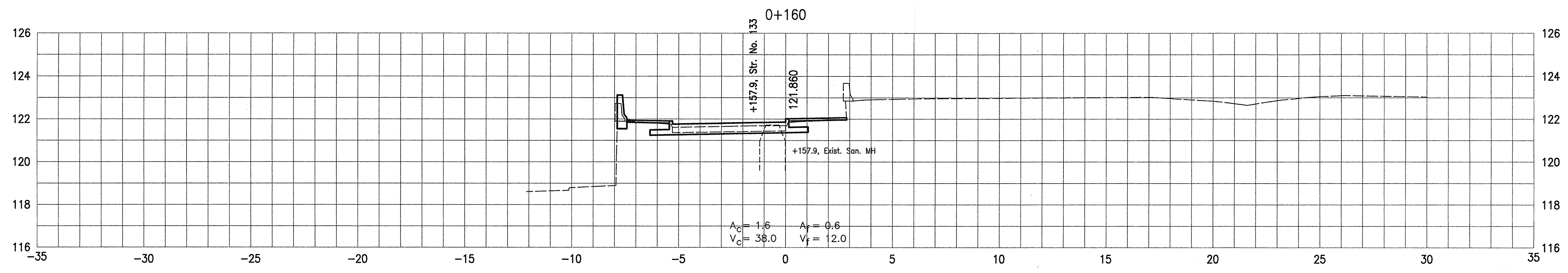
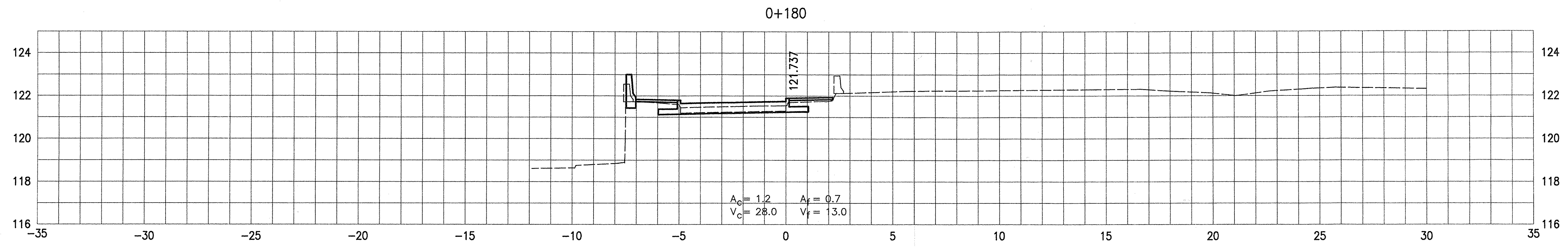
INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9223010
CROSS SECTIONS - LINE "NER" S.R. 66 - VANDERBURGH CO.		SURVEY BOOK CONTRACT R-24951	SHEETS 135 of 147 PROJECT NH-006-4(047)
DESIGNED: DJG	DRAWN: MTM		
CHECKED: MAE	CHECKED: DJG		



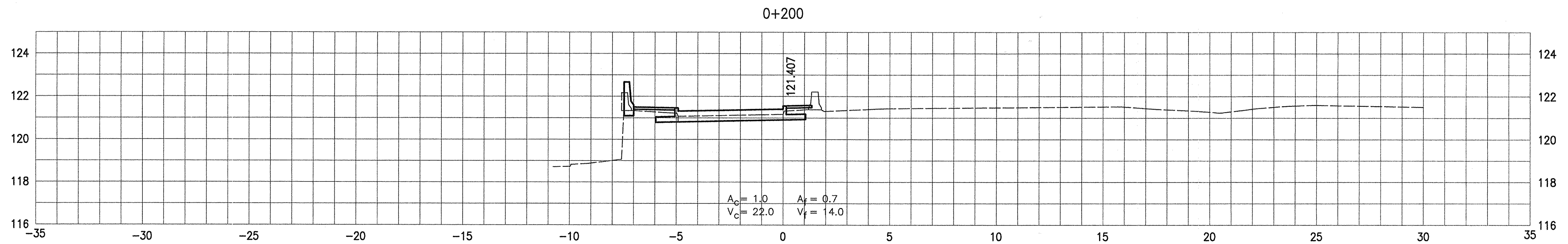
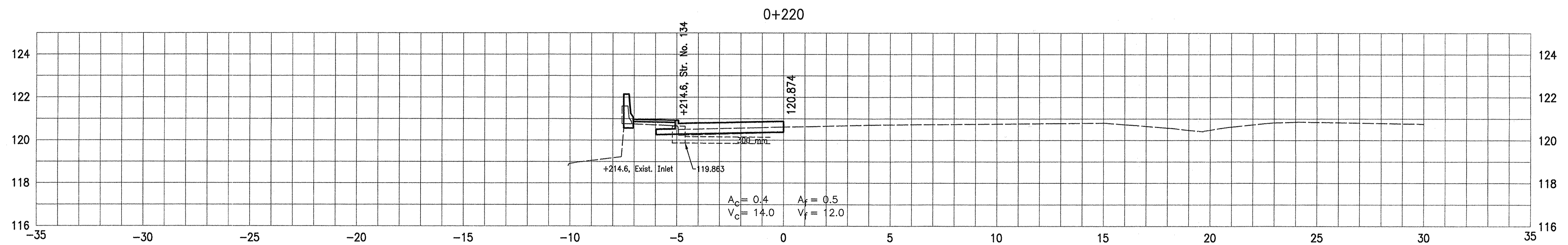
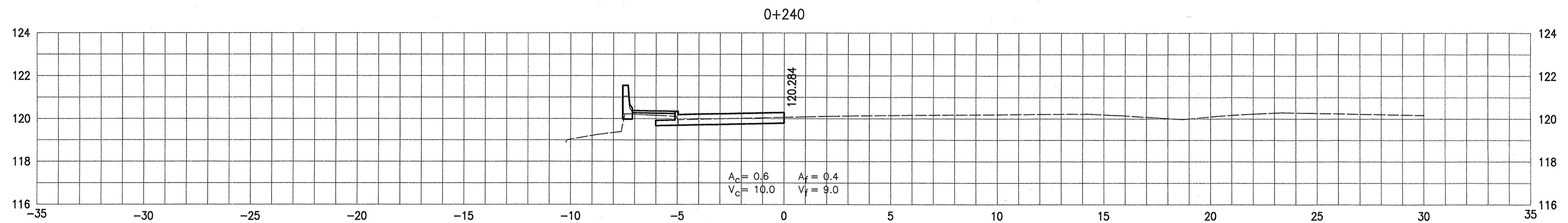
		INDIANA DEPARTMENT OF TRANSPORTATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>HORIZONTAL SCALE</td> <td>BRIDGE FILE</td> </tr> <tr> <td>1:100</td> <td></td> </tr> <tr> <td>VERTICAL SCALE</td> <td>DESIGNATION</td> </tr> <tr> <td>1:100</td> <td>9223010</td> </tr> <tr> <td>SURVEY BOOK</td> <td>SHEETS</td> </tr> <tr> <td></td> <td>136 of 147</td> </tr> <tr> <td>CONTRACT</td> <td>PROJECT</td> </tr> <tr> <td>R-24951</td> <td>NH-006-4(047)</td> </tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1:100		VERTICAL SCALE	DESIGNATION	1:100	9223010	SURVEY BOOK	SHEETS		136 of 147	CONTRACT	PROJECT	R-24951	NH-006-4(047)
HORIZONTAL SCALE	BRIDGE FILE																		
1:100																			
VERTICAL SCALE	DESIGNATION																		
1:100	9223010																		
SURVEY BOOK	SHEETS																		
	136 of 147																		
CONTRACT	PROJECT																		
R-24951	NH-006-4(047)																		
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DESIGNED: DJG	DRAWN: MTM																		
CHECKED: MAE	CHECKED: DJG																		



INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 BRIDGE FILE
CROSS SECTIONS - LINE "NER" S.R. 66 - VANDERBURGH CO.		VERTICAL SCALE 1:100 DESIGNATION 9223010
DESIGNED: DJG	DRAWN: MTM	SURVEY BOOK
CHECKED: MAE	CHECKED: DJG	SHEETS 137 of 147
		CONTRACT R-24951 PROJECT NH-006-4(047)



		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100	BRIDGE FILE
		CROSS SECTIONS - LINE "NER" S.R. 66 - VANDERBURGH CO.		VERTICAL SCALE 1:100	DESIGNATION 9223010
DESIGNED: DJG	DRAWN: MTM	CONTRACT R-24951		SURVEY BOOK	
CHECKED: MAE	CHECKED: DJG			SHEETS 138 of 147	
				PROJECT NH-006-4(047)	

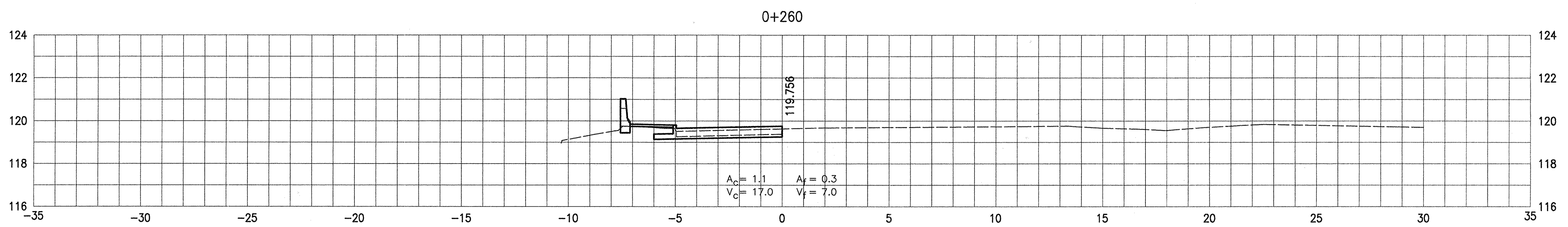
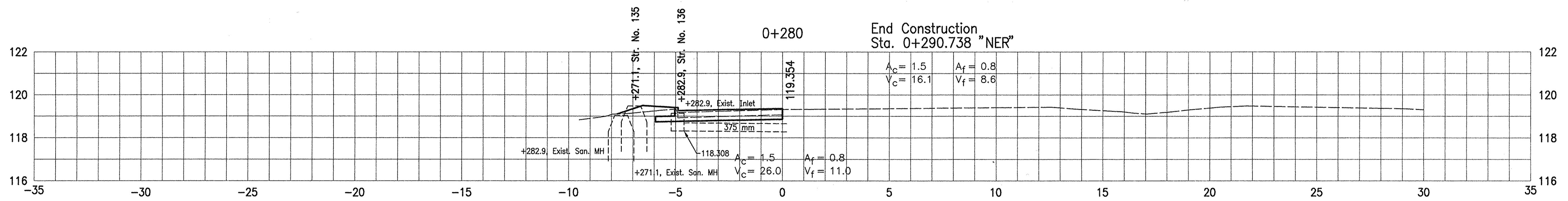


**INDIANA
DEPARTMENT OF TRANSPORTATION**

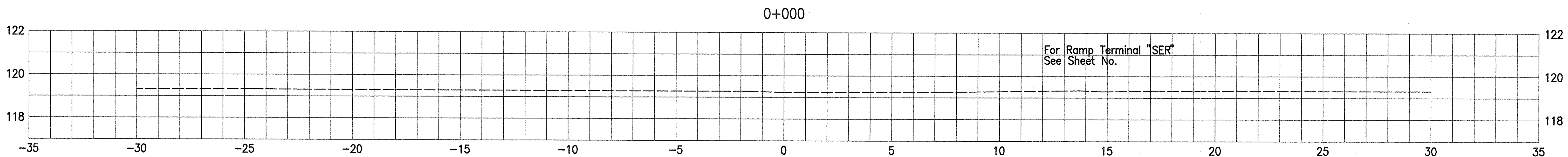
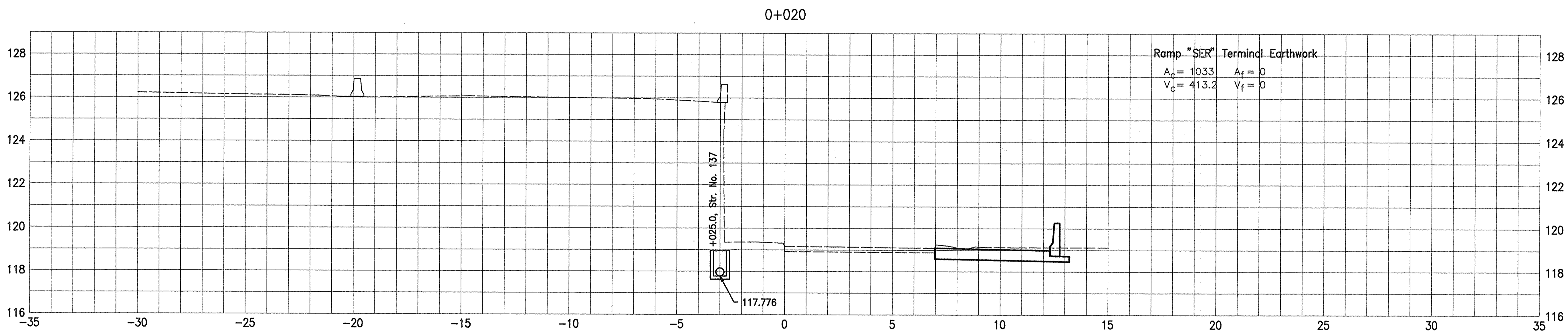
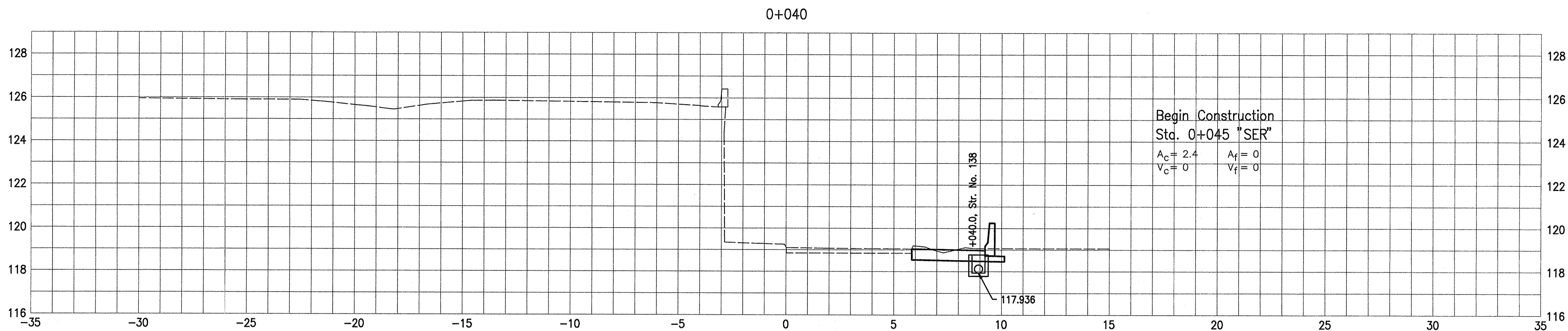
**CROSS SECTIONS - LINE "NER"
S.R. 66 - VANDERBURGH CO.**

DESIGNED: DJG DRAWN: MTM
CHECKED: MAE CHECKED: DJG

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	130 of 147 PROJECT NH-006-4(047)



		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100		BRIDGE FILE	
				VERTICAL SCALE 1:100		DESIGNATION 9223010	
		DESIGNED: DJG CHECKED: MAE		DRAWN: MTM CHECKED: DJG		SURVEY BOOK	
						CROSS SECTIONS - LINE "NER" S.R. 66 - VANDERBURGH CO.	
				CONTRACT R-24951		PROJECT NH-006-4(047)	



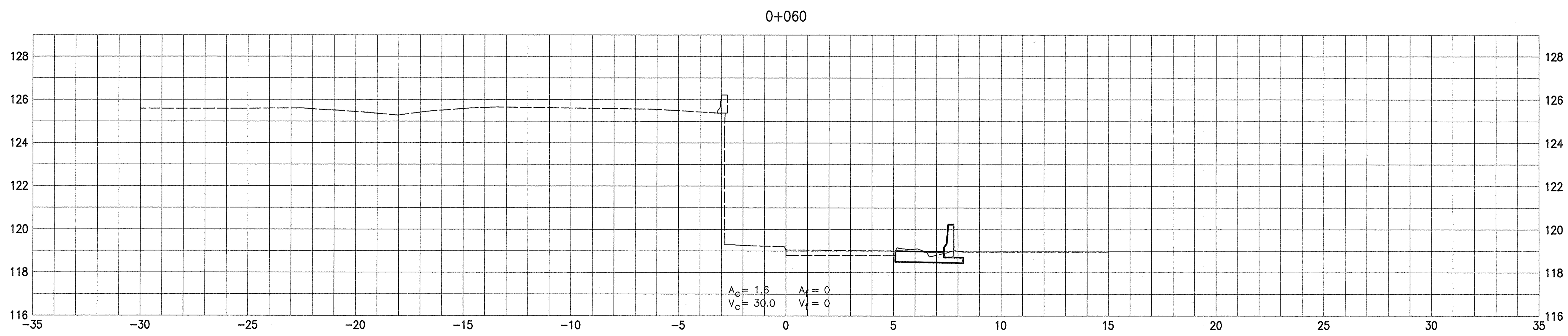
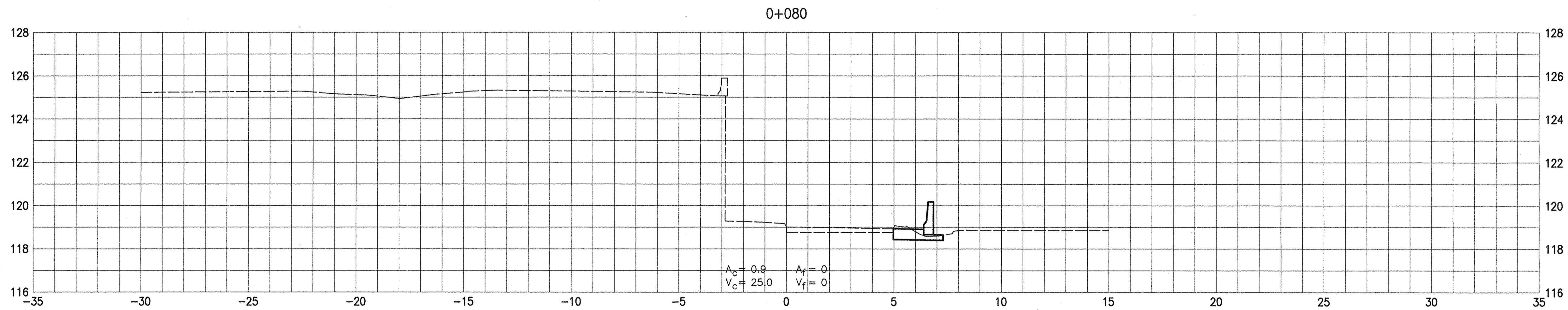
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**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - LINE "SER"
S.R. 66 - VANDERBURGH CO.**

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS 141 of 147
CONTRACT R-2495F	PROJECT NH-006-4(047)

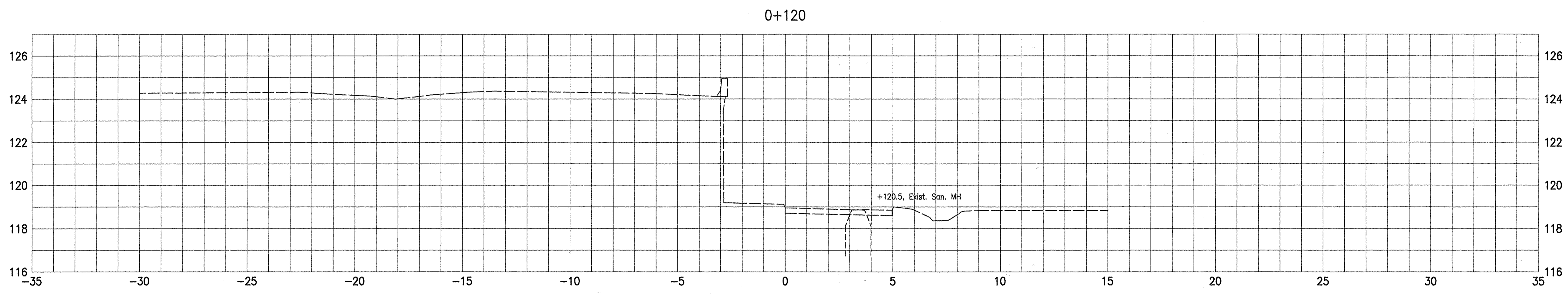


**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - LINE "SER"
S.R. 66 - VANDERBURGH CO.**

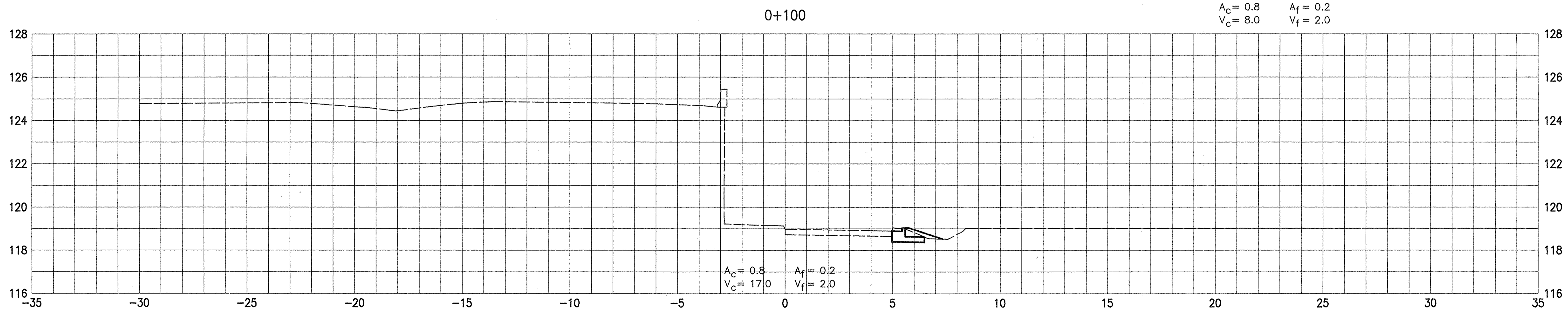
HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	142 of 147 PROJECT NH-006-4(047)

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CHECKED: MAE	CHECKED: DJG



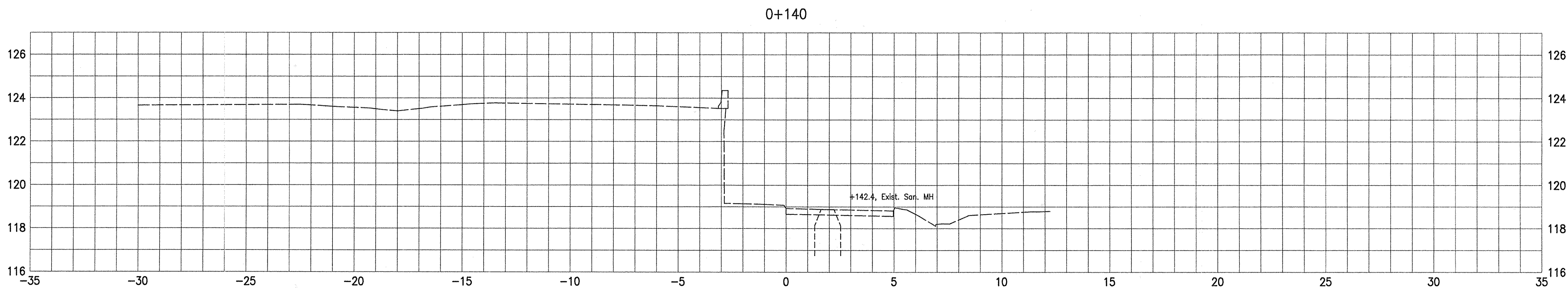
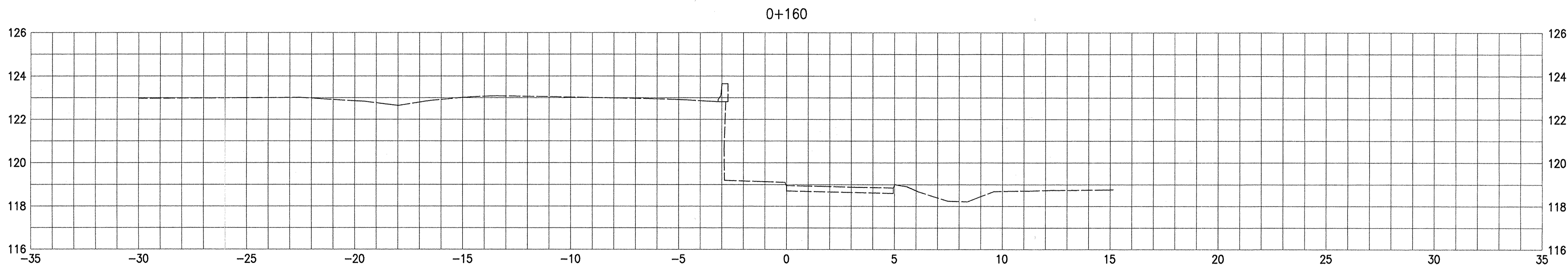
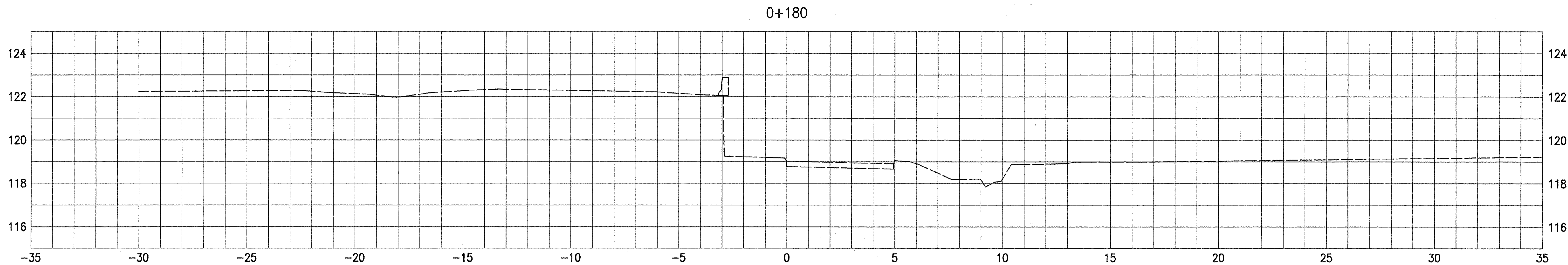
End Construction
Sta. 0+110 "SER"

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 $V_c = 8.0$ $V_f = 2.0$



$A_c = 0.8$ $A_f = 0.2$
 $V_c = 17.0$ $V_f = 2.0$

INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1:100 VERTICAL SCALE 1:100	BRIDGE FILE DESIGNATION 9223010
DESIGNED: DJG CHECKED: MAE	DRAWN: MTM CHECKED: DJG	CROSS SECTIONS - LINE "SER" S.R. 66 - VANDERBURGH CO.	
		SURVEY BOOK CONTRACT R-24951	SHEETS 143 of 147 PROJECT NH-006-4(047)



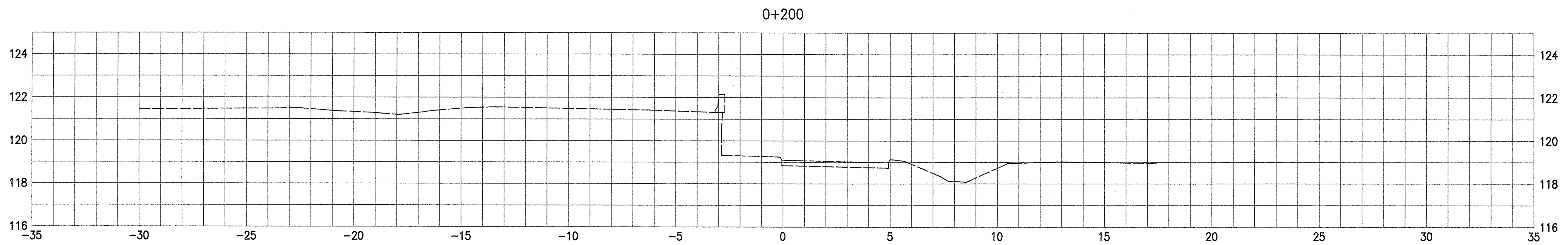
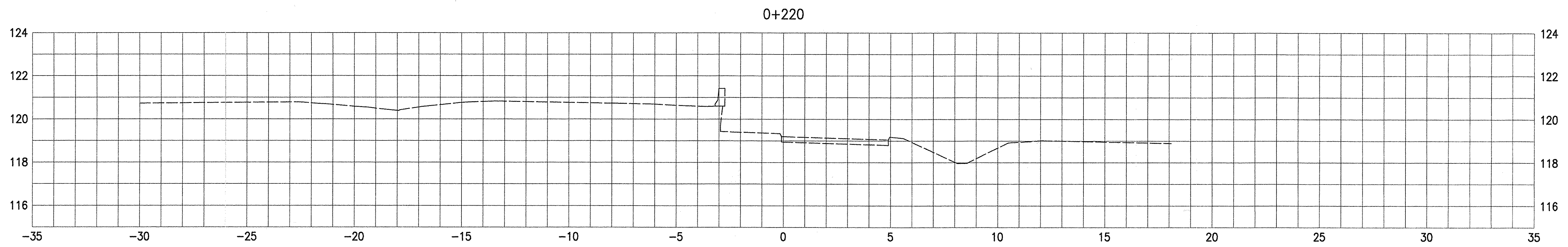
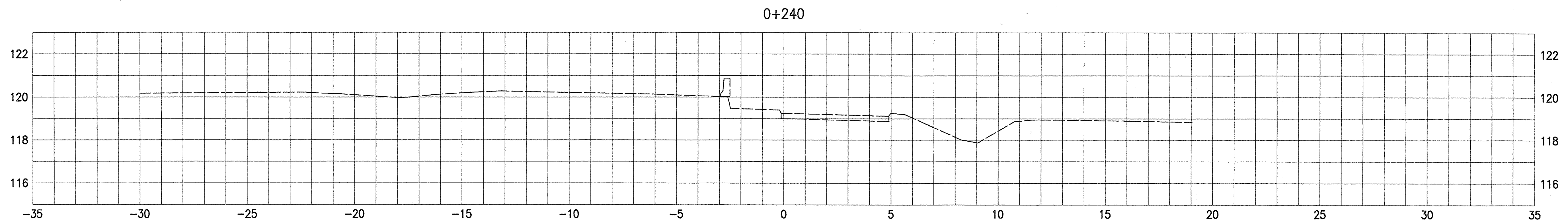
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DESIGNED: DJG	DRAWN: MTM
CHECKED: MAE	CHECKED: DJG

**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - LINE "SER"
S.R. 66 - VANDERBURGH CO.**

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-24951	44 of 147 PROJECT NH-006-4(047)



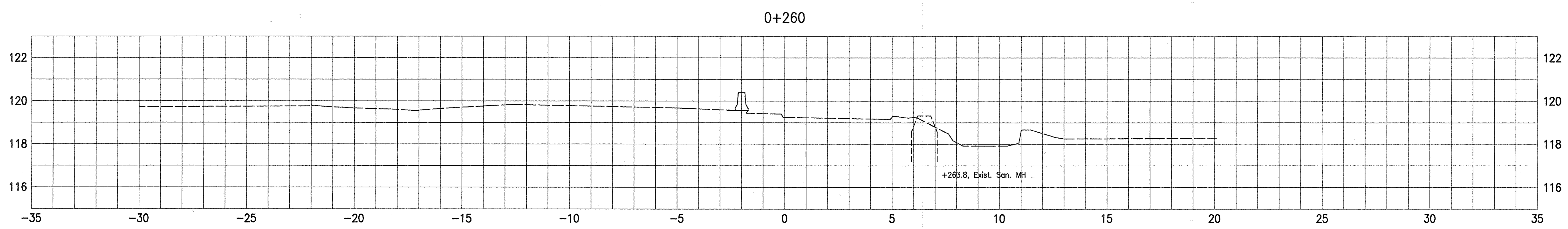
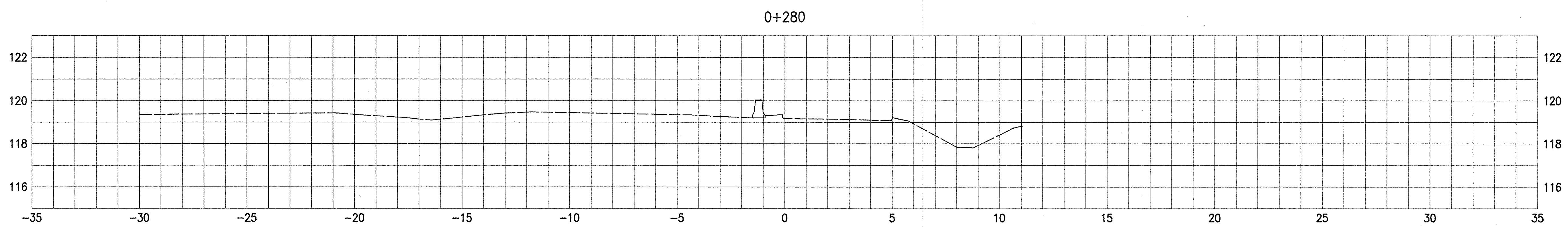
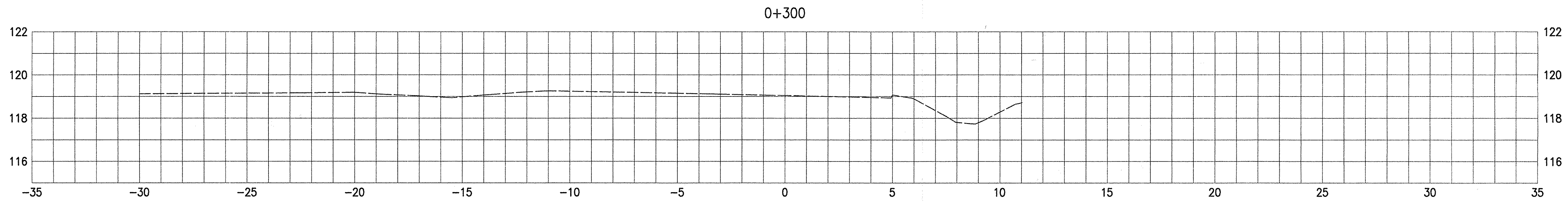
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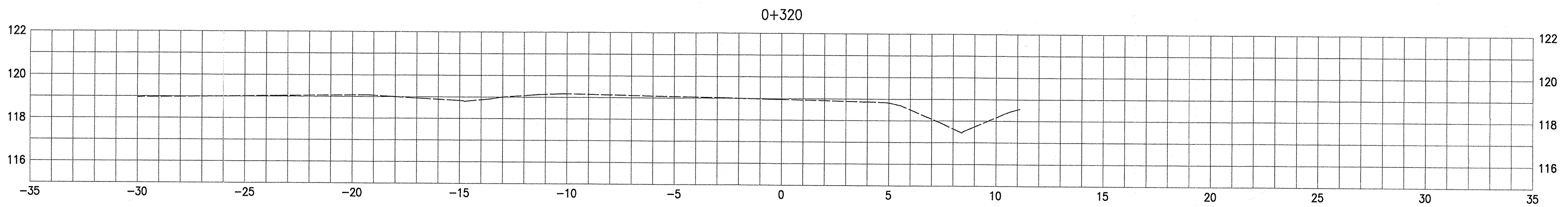
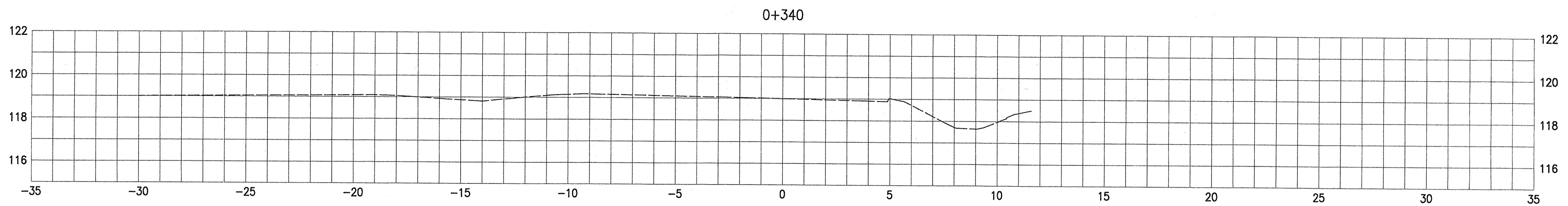
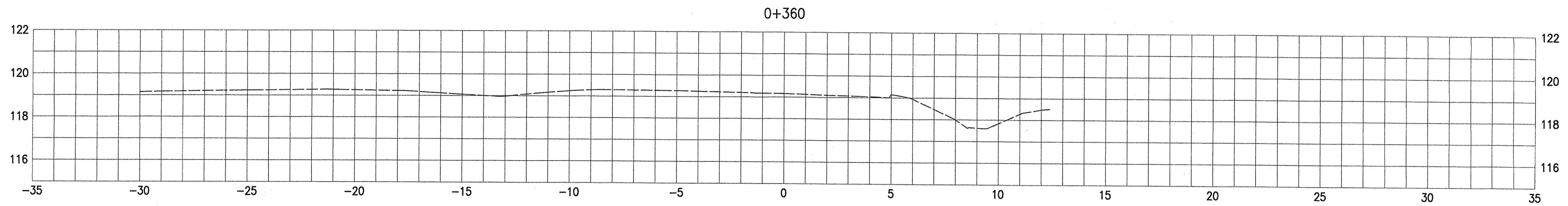
**INDIANA
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS - LINE "SER"
S.R. 66 - VANDERBURGH CO.**

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS
CONTRACT R-2495T	145 of 147 PROJECT NH-006-4(047)



		INDIANA DEPARTMENT OF TRANSPORTATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">HORIZONTAL SCALE</td><td style="font-size: small;">BRIDGE FILE</td></tr> <tr><td style="font-size: x-small;">1:100</td><td></td></tr> <tr><td style="font-size: small;">VERTICAL SCALE</td><td style="font-size: small;">DESIGNATION</td></tr> <tr><td style="font-size: x-small;">1:100</td><td style="font-size: x-small;">9223010</td></tr> <tr><td style="font-size: small;">SURVEY BOOK</td><td style="font-size: small;">SHEETS</td></tr> <tr><td></td><td style="text-align: center;">146 of 147</td></tr> <tr><td style="font-size: small;">CONTRACT</td><td style="font-size: small;">PROJECT</td></tr> <tr><td style="font-size: x-small;">R-24951</td><td style="font-size: x-small;">NH-006-4(047)</td></tr> </table>	HORIZONTAL SCALE	BRIDGE FILE	1:100		VERTICAL SCALE	DESIGNATION	1:100	9223010	SURVEY BOOK	SHEETS		146 of 147	CONTRACT	PROJECT	R-24951	NH-006-4(047)
HORIZONTAL SCALE	BRIDGE FILE																		
1:100																			
VERTICAL SCALE	DESIGNATION																		
1:100	9223010																		
SURVEY BOOK	SHEETS																		
	146 of 147																		
CONTRACT	PROJECT																		
R-24951	NH-006-4(047)																		
		CROSS SECTIONS - LINE "SER" S.R. 66 - VANDERBURGH CO.																	
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DESIGNED: DJG	DRAWN: MTM																		
CHECKED: MAE	CHECKED: DJG																		



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DESIGNED: DJG
 CHECKED: MAE

DRAWN: MTM
 CHECKED: DJG

**INDIANA
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS - LINE "SER"
 S.R. 66 - VANDERBURGH CO.

HORIZONTAL SCALE 1:100	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9223010
SURVEY BOOK	SHEETS 147 of 147
CONTRACT R-24951	PROJECT NH-006-4(047)