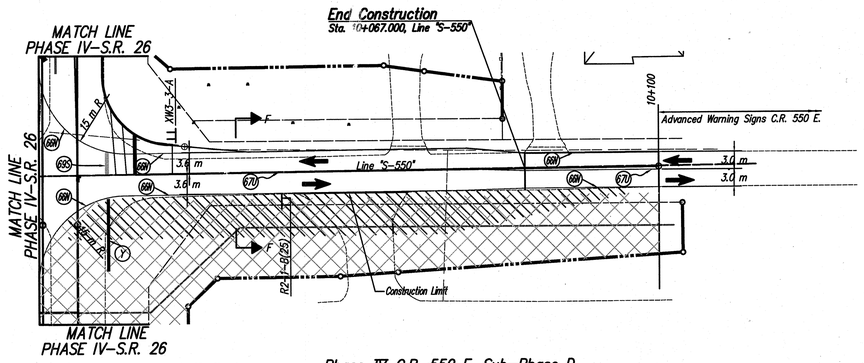
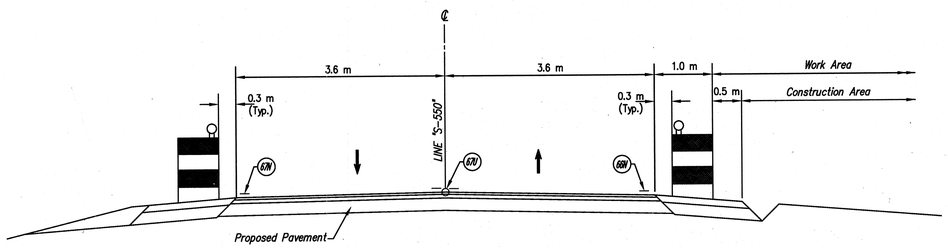


Maintain Existing Traffic Signal Installation At S.R. 26 And C.R. 550 E. See Sheet "Maintenance Of Traffic Maintaining Temporary Traffic Signal S.R. 26 And C.R. 550 E" For Detials

Phase IV-C.R. 550 E. Sub-Phase D



Maintenance Of Traffic Typical Section F-F
Phase IV-C.R. 550 E. Sub-Phase D
N.T.S.

Notes: Phase IV - C.R. 550 E. Sub-Phase D

1. The Construction Zone Speed Limit For The C.R. 550 E. Construction Zone Shall Be 40kph (25mph)
2. All Access To Road And Drive Approaches Shall Be Maintained At All Times. See "Road And Drive Approaches Access Maintenance Requirements" For Details.

Traffic Summary Phase IV C.R. 550 E. Sub-Phase D

Traffic On C.R. 550 E. Shall Be Maintained On The New And Existing Pavements. One Lane Temporary Closures Shall Be Allowed From 8am Through 3pm And From 7pm Through 6am. No Temporary Lane Closures Are Allowed For 1 Hour Before And 1 Hour After School And/or Church Sessions To Allow For The Movement Of Traffic To And From These Facilities.

Construction Activities Shall Include But Are Not Limited To The Following:
1. Erect And Maintain Construction Signage, Traffic Control Devices, And Temporary Pavement Markings.
2. All Open And Close Storm Drainage Systems Shall Maintain Positive Drainage.
3. Install And Maintain Erosion Control Devices.
4. Construct East Roadside, And All Remaining Work.
5. Construct Final Surface.
6. Construct Final Pavement Markings.
7. Maintain Temporary Traffic Signal At S.R. 26 And C.R. 550 E.

KENNETH R. HERCEG REGISTERED No. 15423 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 8/7/06 DATE

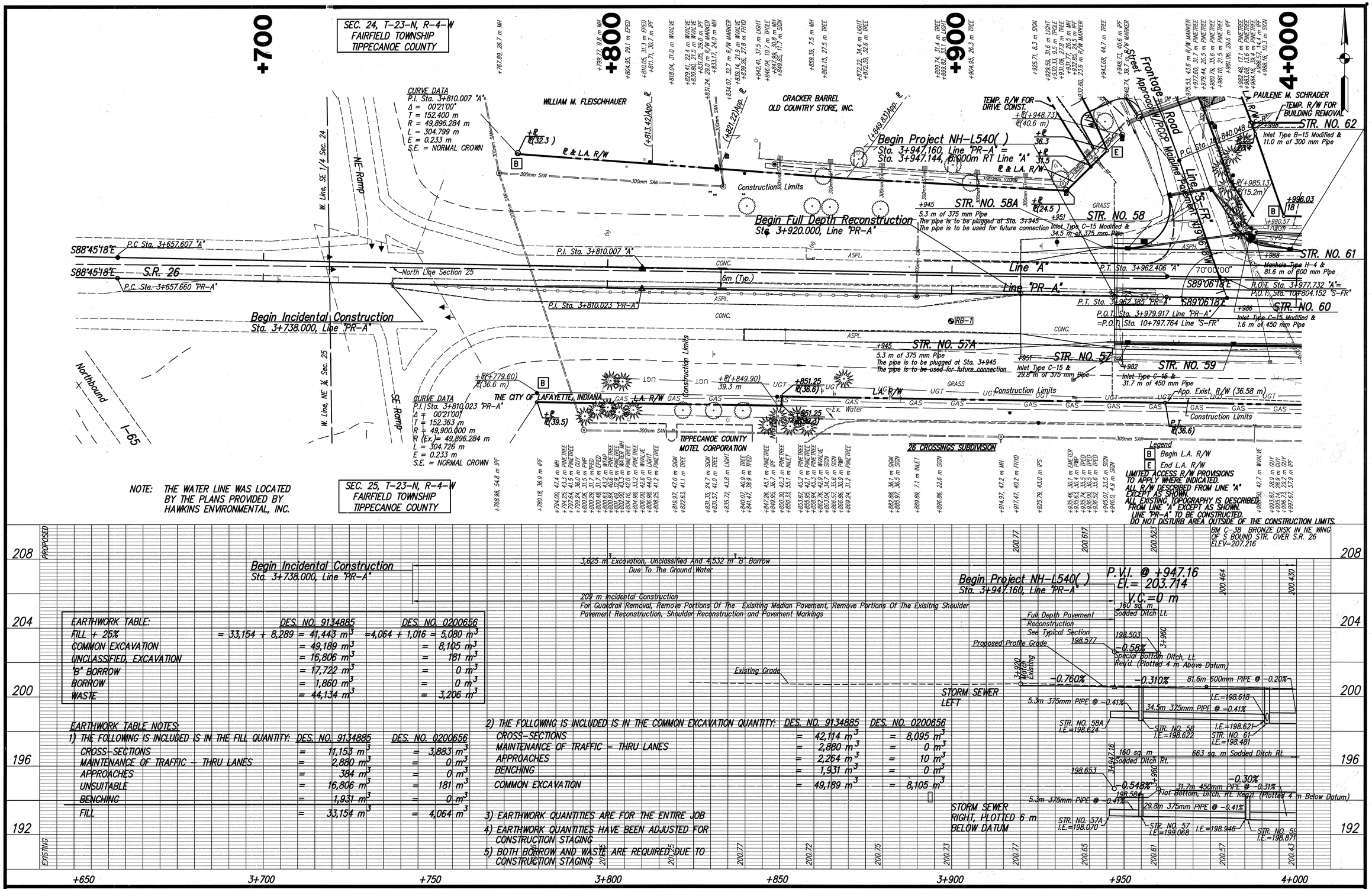
DESIGNED: R.O.N. DRAWN: B.A.B.
CHECKED: R.O.N. CHECKED: R.O.N.

INDIANA DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
PHASE IV - C.R. 550 E. SUB-PHASE D

HORIZONTAL SCALE	BRIDGE FILE
N.T.S.	
VERTICAL SCALE	DESIGNATION
	9134885
SURVEY BOOK	SHEETS
16519	40 of 131
CONTRACT	PROJECT
R-28381	NH-L540()

C:\9809\102\mt14r00.dwg, Layout1, 8/4/2006 4:23:38 PM, paul



EARTHWORK TABLE:	DES. NO. 9134885	DES. NO. 0200656
FILL + 25%	= 33,154 + 8,289 = 41,443 m³	=4,064 + 1,016 = 5,080 m³
COMMON EXCAVATION	= 49,189 m³	= 8,105 m³
UNCLASSIFIED EXCAVATION	= 16,806 m³	= 181 m³
"B" BORROW	= 17,722 m³	= 0 m³
BORROW	= 1,860 m³	= 0 m³
WASTE	= 44,134 m³	= 3,206 m³

EARTHWORK TABLE NOTES:

1) THE FOLLOWING IS INCLUDED IS IN THE FILL QUANTITY:

	DES. NO. 9134885	DES. NO. 0200656
CROSS-SECTIONS	= 11,153 m³	= 3,883 m³
MAINTENANCE OF TRAFFIC - THRU LANES	= 2,880 m³	= 0 m³
APPROACHES	= 384 m³	= 0 m³
UNSUITABLE	= 16,806 m³	= 181 m³
BENCHING	= 1,931 m³	= 0 m³
FILL	= 33,154 m³	= 4,064 m³

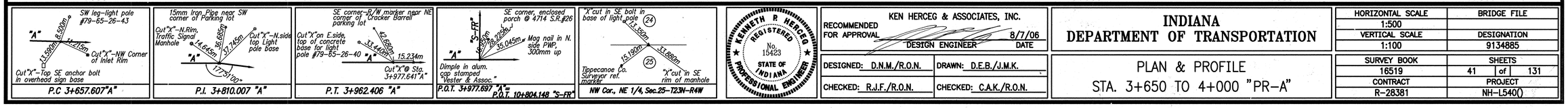
2) THE FOLLOWING IS INCLUDED IS IN THE COMMON EXCAVATION QUANTITY:

	DES. NO. 9134885	DES. NO. 0200656
CROSS-SECTIONS	= 42,114 m³	= 8,095 m³
MAINTENANCE OF TRAFFIC - THRU LANES	= 2,880 m³	= 0 m³
APPROACHES	= 2,264 m³	= 10 m³
BENCHING	= 1,931 m³	= 0 m³
COMMON EXCAVATION	= 49,189 m³	= 8,105 m³

3) EARTHWORK QUANTITIES ARE FOR THE ENTIRE JOB

4) EARTHWORK QUANTITIES HAVE BEEN ADJUSTED FOR CONSTRUCTION STAGING

5) BOTH BORROW AND WASTE ARE REQUIRED DUE TO CONSTRUCTION STAGING



KENNETH P. HERCEG REGISTERED No. 15423 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE 8/7/06

KEN HERCEG & ASSOCIATES, INC.

DESIGNED: D.N.M./R.O.N. DRAWN: D.E.B./J.M.K.

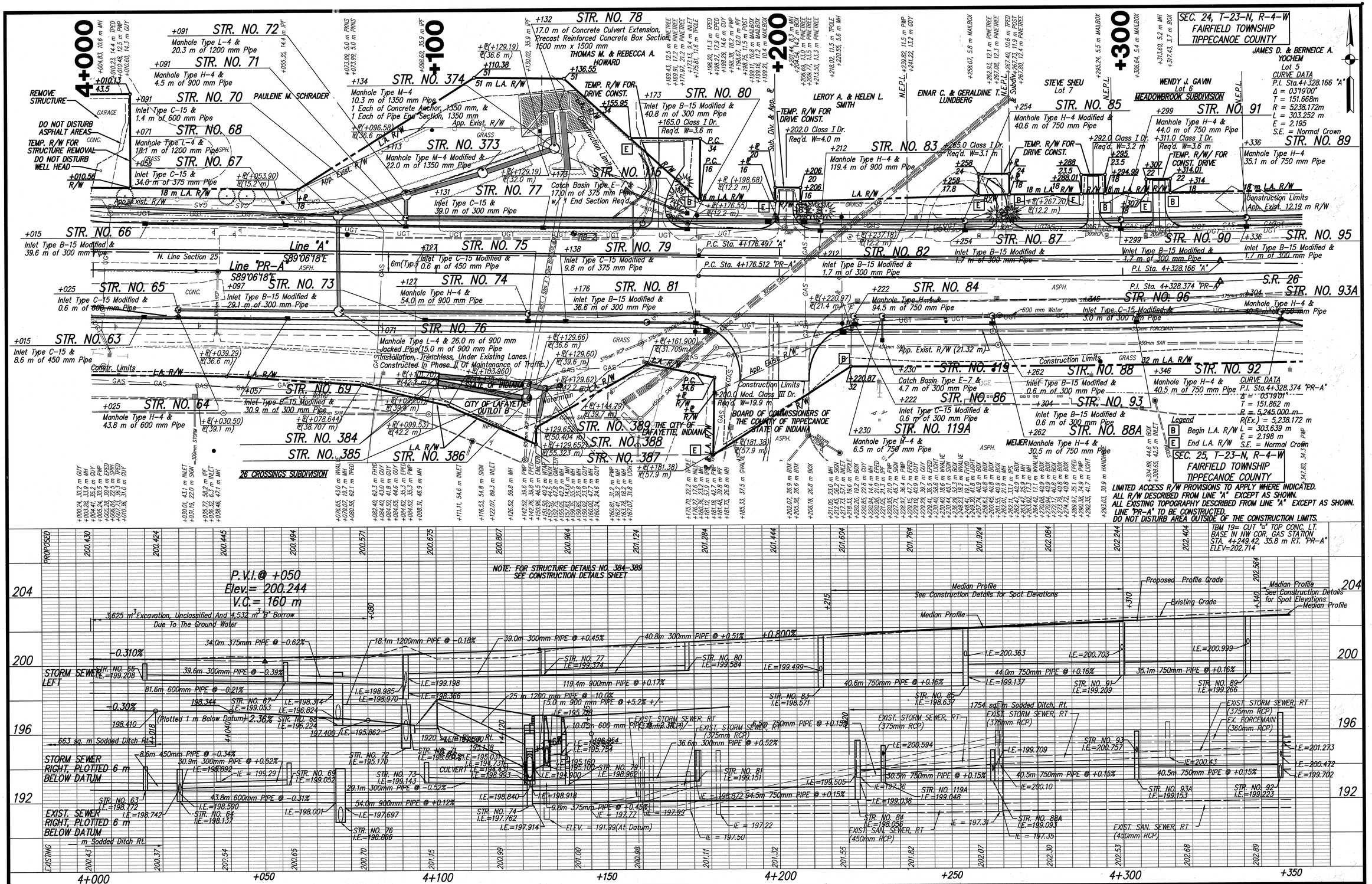
CHECKED: R.J.F./R.O.N. CHECKED: C.A.K./R.O.N.

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE STA. 3+650 TO 4+000 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
1:100	9134885
SURVEY BOOK	SHEETS
16519	41 of 131
CONTRACT	PROJECT
R-28381	NH-L540()

C:\19809\102\RC01010.dwg, Layout1, 8/4/2006 4:25:52 PM, paul



LIMITED ACCESS R/W PROVISIONS TO APPLY WHERE INDICATED.
ALL R/W DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.
ALL EXISTING TOPOGRAPHY DESCRIBED FROM LINE "A" EXCEPT AS SHOWN.
LINE "PR-A" TO BE CONSTRUCTED.
DO NOT DISTURB AREA OUTSIDE OF THE CONSTRUCTION LIMITS.

TBM 19= CUT "S" TOP CONC. LT. BASE IN NW COR. GAS STATION STA. 4+249.42, 35.8 m RT. "PR-A" ELEV=202.714

SEC. 25, T-23-N, R-4-W
FAIRFIELD TOWNSHIP
TIPPECANOE COUNTY

Legend
B — Begin L.A. R/W
E — End L.A. R/W

CURVE DATA
P.I. Sta.4+328.374 "PR-A"
Δ = 03°19'01"
T = 151.862 m
R = 5,245.000 m
R(Ex.) = 5,238.172 m
L = 303.639 m
E = 2.198 m
S.E. = Normal Crown

Cut "X", S.anchor bolt, signal pole — Mag nail in SE side PWP, 500mm up — 11.29 Sm, 28.290m, 26.430m — Cut "X", N.rim GTE manhole
P.C. 4+176.497 "A"

Mag nail, W.side 350mm Hickory — Mag nail, W.side 500mm Pear tree – 300mm up tree – 300mm up — 27.080m, 22.630m, 50.078m, 183°19'00" — Mag nail, E.side PWP #604 6069, 600mm up
P.I. 4+328.166 "A"

KENNETH R. HERCEG REGISTERED No. 15423 STATE OF INDIANA PROFESSIONAL ENGINEER

KEN HERCEG & ASSOCIATES, INC.
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE 8/7/06

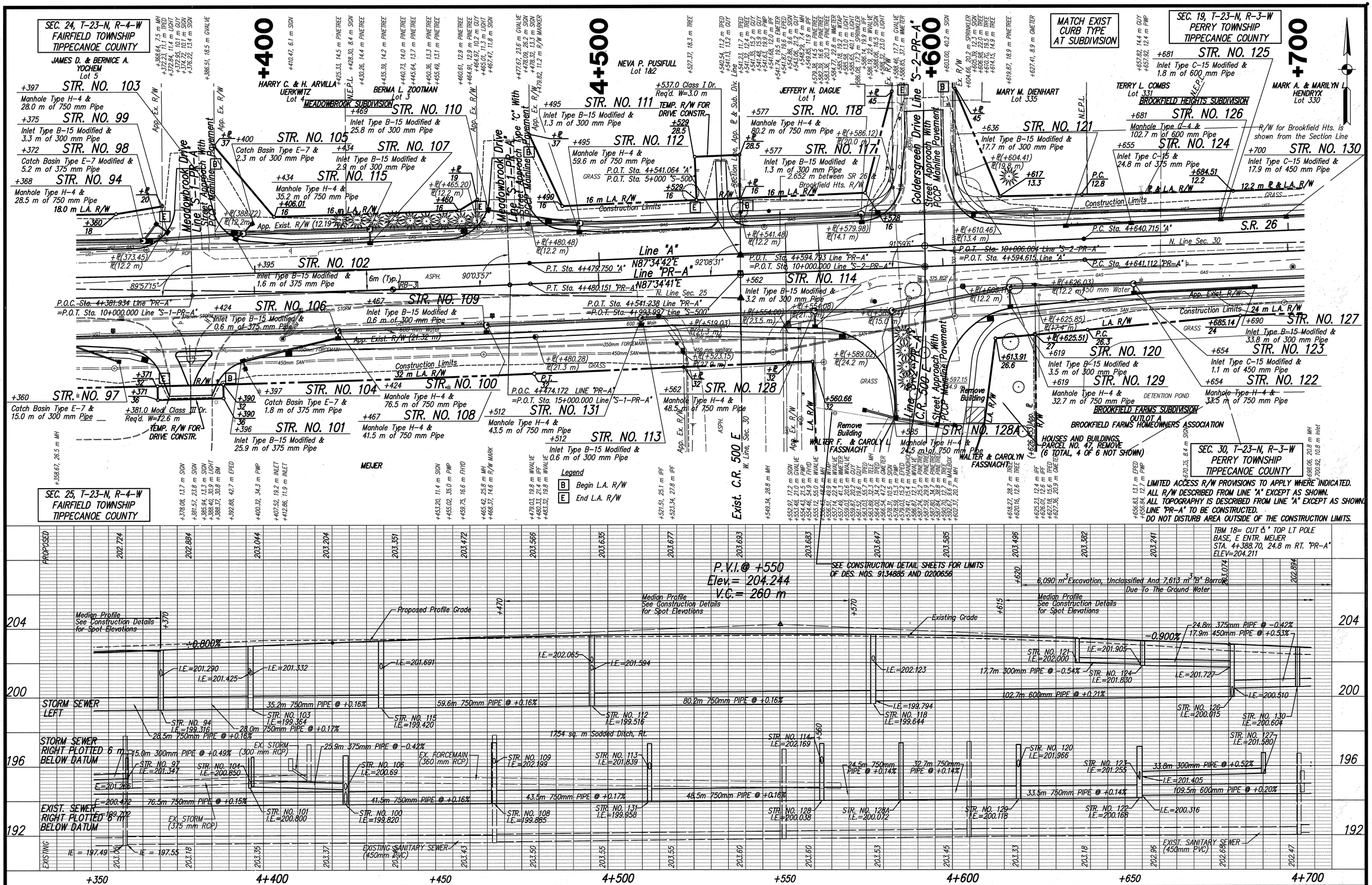
DESIGNED: D.N.M. | DRAWN: D.E.B.
CHECKED: R.J.E. | CHECKED: C.A.K.

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
STA. 4+000 TO 4+350 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
1:100	9134885
SURVEY BOOK	SHEETS
16519	42 of 131
CONTRACT	PROJECT
R-28381	NH-L540()

C:\98091\102\rcp02010.dwg, Layout1, 8/4/2006 4:27:21 PM, paul



RECOMMENDED FOR APPROVAL	KEN HERCEG & ASSOCIATES, INC. — DESIGN ENGINEER — DATE 8/7/06
DESIGNED: D.N.M./R.O.N.	DRAWN: D.E.B./P.R.E.
CHECKED: R.J.F./R.O.N.	CHECKED: C.A.K./R.O.N.

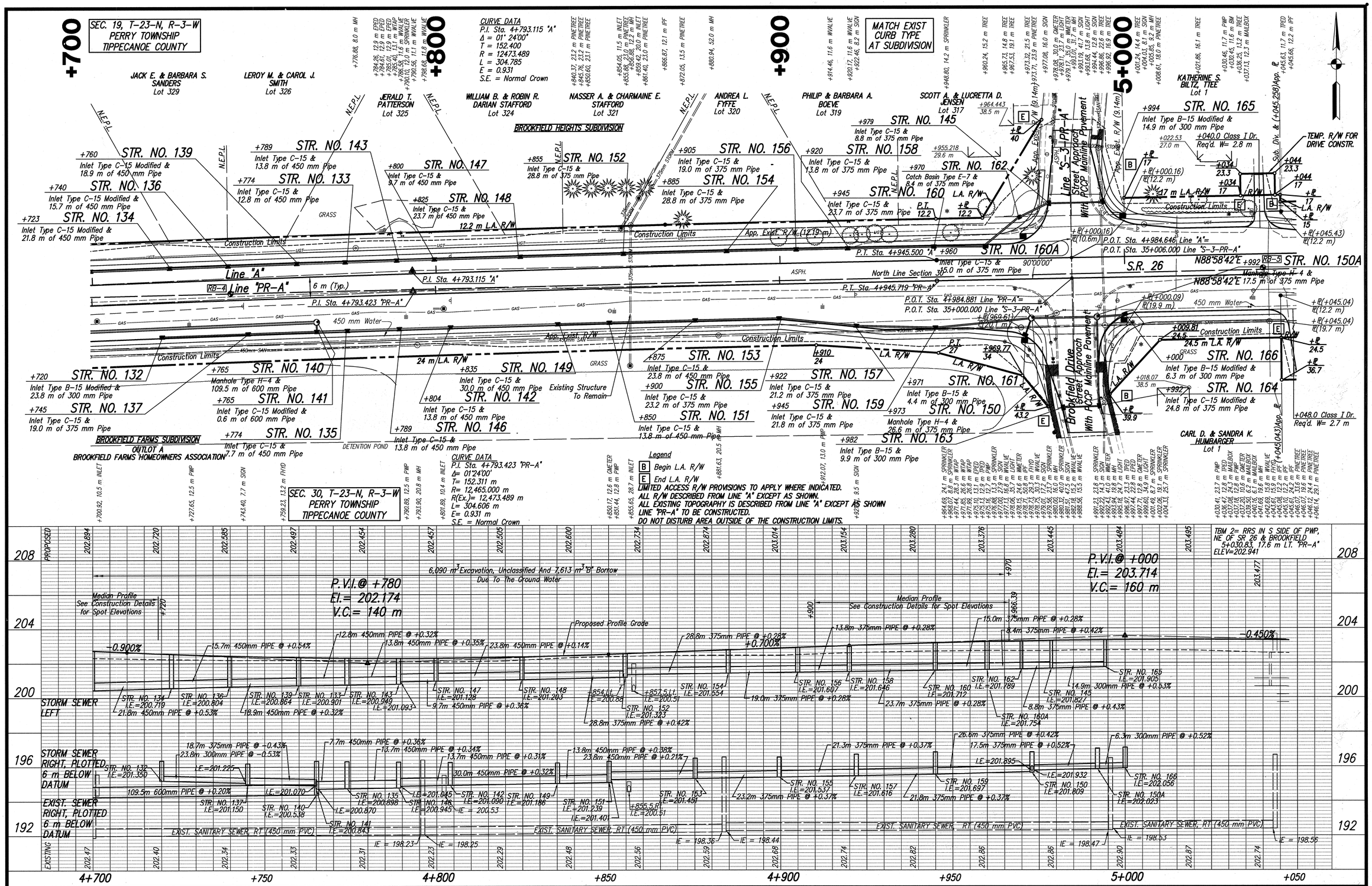
KENNETH R. HERCEG — REGISTERED — No. 15423 — STATE OF INDIANA — PROFESSIONAL ENGINEER

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
STA. 4+350 TO 4+700 "PR-A"

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9134885 & 0200656
SURVEY BOOK 16519	SHEETS 43 of 131
CONTRACT R-28381	PROJECT NH-L540()

C:\9809\100\RCR03100.DWG, Layout1, 8/4/2006 4:29:08 PM, paul



SW corner of brick wall @ ground; SE corner of brick wall @ ground; Mag nail, SE side 2.20 m tall Pine, 300mm up; 178°36'00"; "A"	Mag nail, W.side 1.5m tall Pine tree 150mm up; Mag nail, W.side 900mm Weeping Willow, 300mm up; Mag nail, S.side 2m tall Pine tree 150mm up; SW corner brick wall; "A"			
P.I. 4+793.115 "A"	P.T. 4+945.500 "A"			

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 8/7/06 DATE

KENNETH P. MERCER REGISTERED No. 15423 STATE OF INDIANA PROFESSIONAL ENGINEER

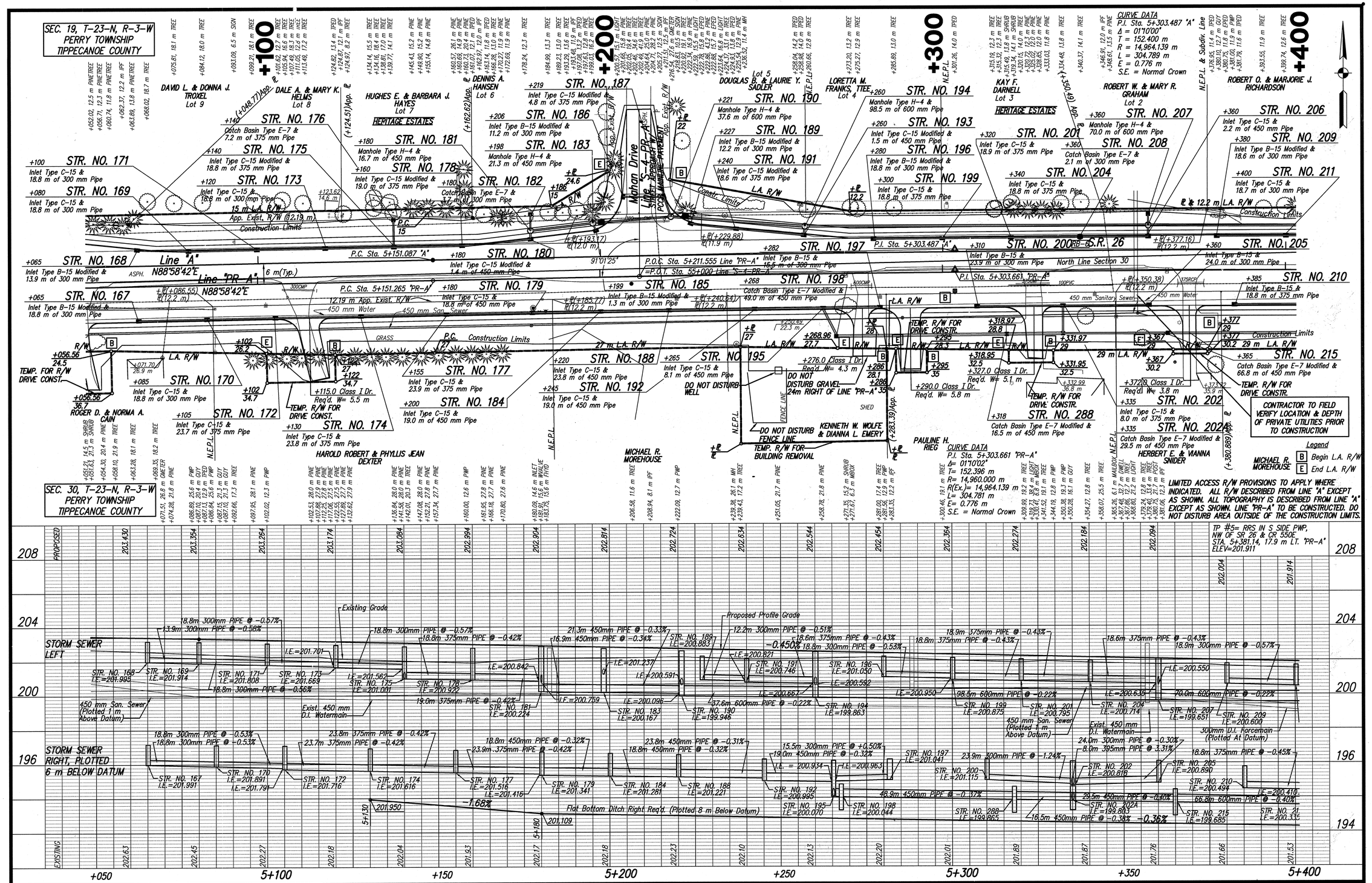
DESIGNED: D.N.M./R.O.N. DRAWN: D.E.B./J.M.K./B.A.B.
CHECKED: R.J.F./R.O.N. CHECKED: C.A.K./R.O.N.

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
STA. 4+700 TO 5+050 "PR-A"

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9134885
SURVEY BOOK 16519	SHEETS 44 of 131
CONTRACT R-28381	PROJECT NH-L540()

C:\9809\102\RCP04010.DWG, Layout1, 8/4/2006 4:46:56 PM, paul



Mag nail, S. side 150mm tree 800mm up
Mag nail S. side side, twin 380mm tree 600mm up
Mag nail SW side 460mm tree 600mm up
Mag nail S.side 300mm tree, 600mm up "A"
P.C. 5+151.087 "A"

Mag nail, S.side 150mm Hickory .3m up
Mag nail, S.side 460mm Walnut 700mm up
"A"
Mag nail, S.side 150mm Hickory .3m up
Mag nail, S.side 460mm Hickory .3m up
P.I. 5+303.487 "A"

KENNETH R. MERCER REGISTERED No. 15423 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — 8/7/06 DATE

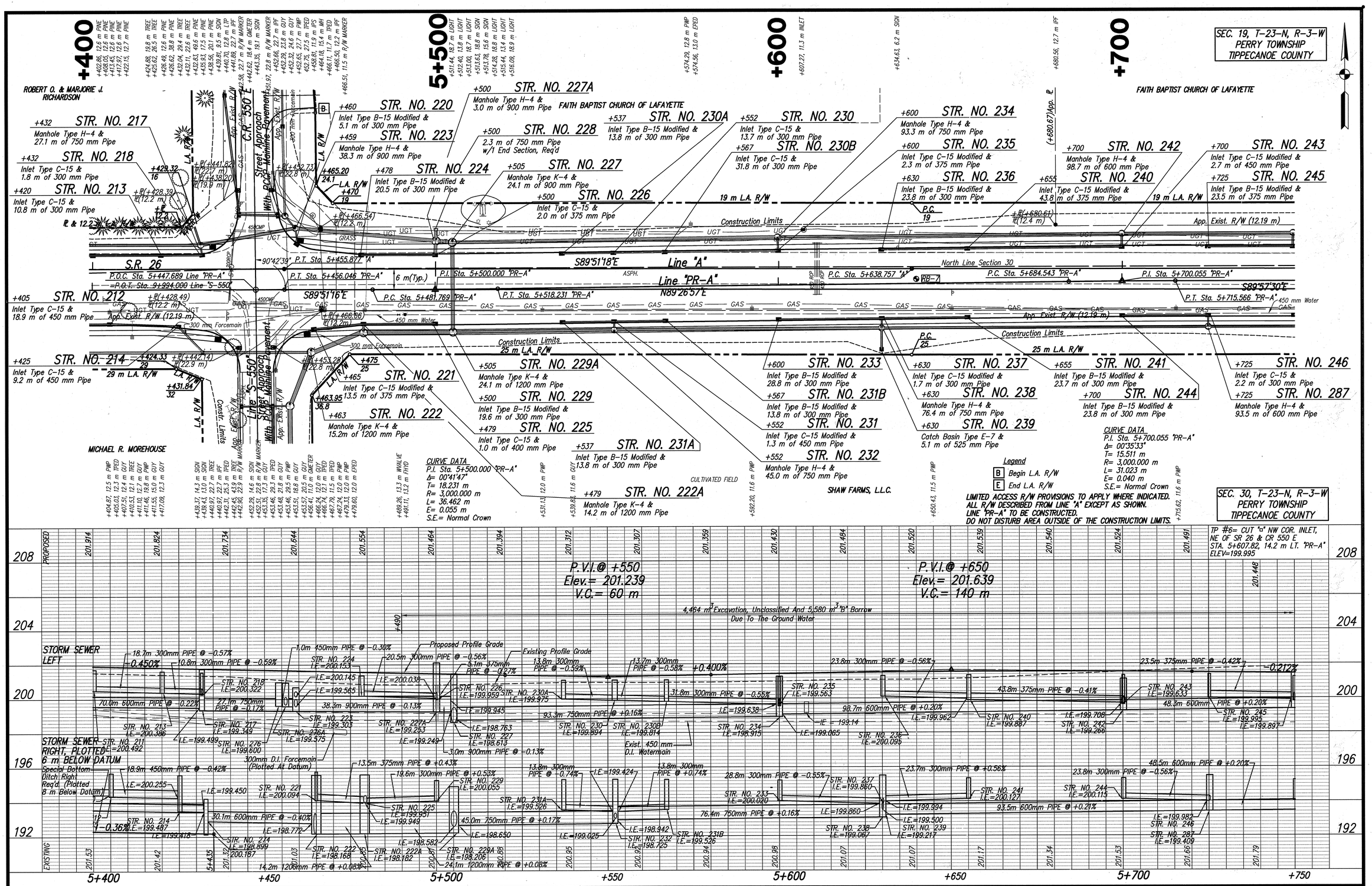
DESIGNED: D.N.M./R.O.N. | DRAWN: D.E.B./P.R.E.
CHECKED: R.J.F./R.O.N. | CHECKED: C.A.K./R.O.N.

INDIANA DEPARTMENT OF TRANSPORTATION

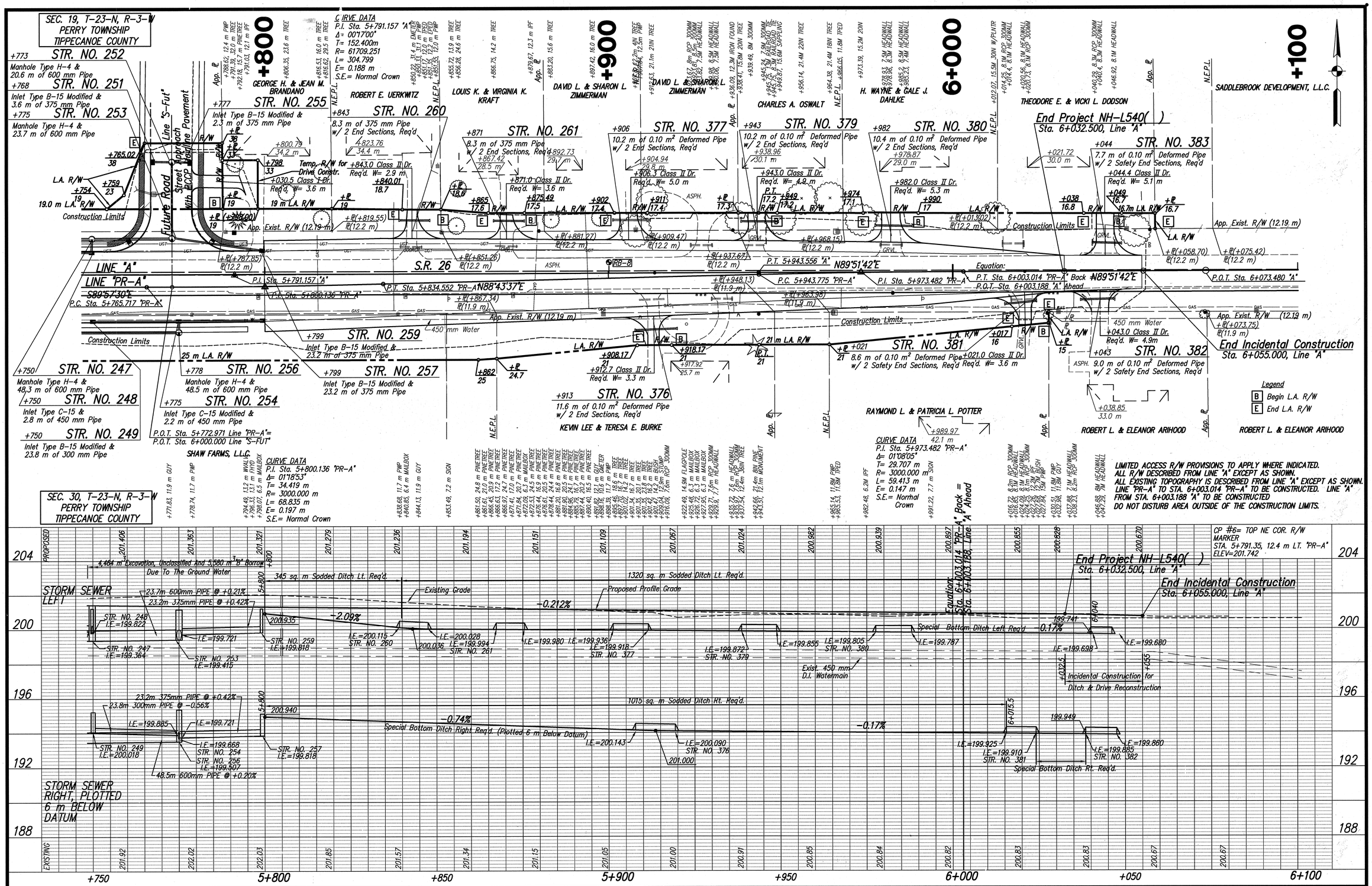
PLAN & PROFILE
STA. 5+050 TO 5+400 "PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
1:100	9134885
SURVEY BOOK	SHEETS
16519	45 of 131
CONTRACT	PROJECT
R-28381	NH-L540()

C:\19899\102\RCP0510.DWG, Layout1, 8/6/2006 12:48:00 PM, paul



C:\19959\102\RDP06010.DWG, Layout1, 8/4/2006 4:48:38 PM, paul



RECOMMENDED FOR APPROVAL: DESIGN ENGINEER	8/7/06 DATE
DESIGNED: D.N.M.	DRAWN: D.E.B./J.M.K.
CHECKED: R.J.F./R.O.N.	CHECKED: C.A.K./R.O.N.

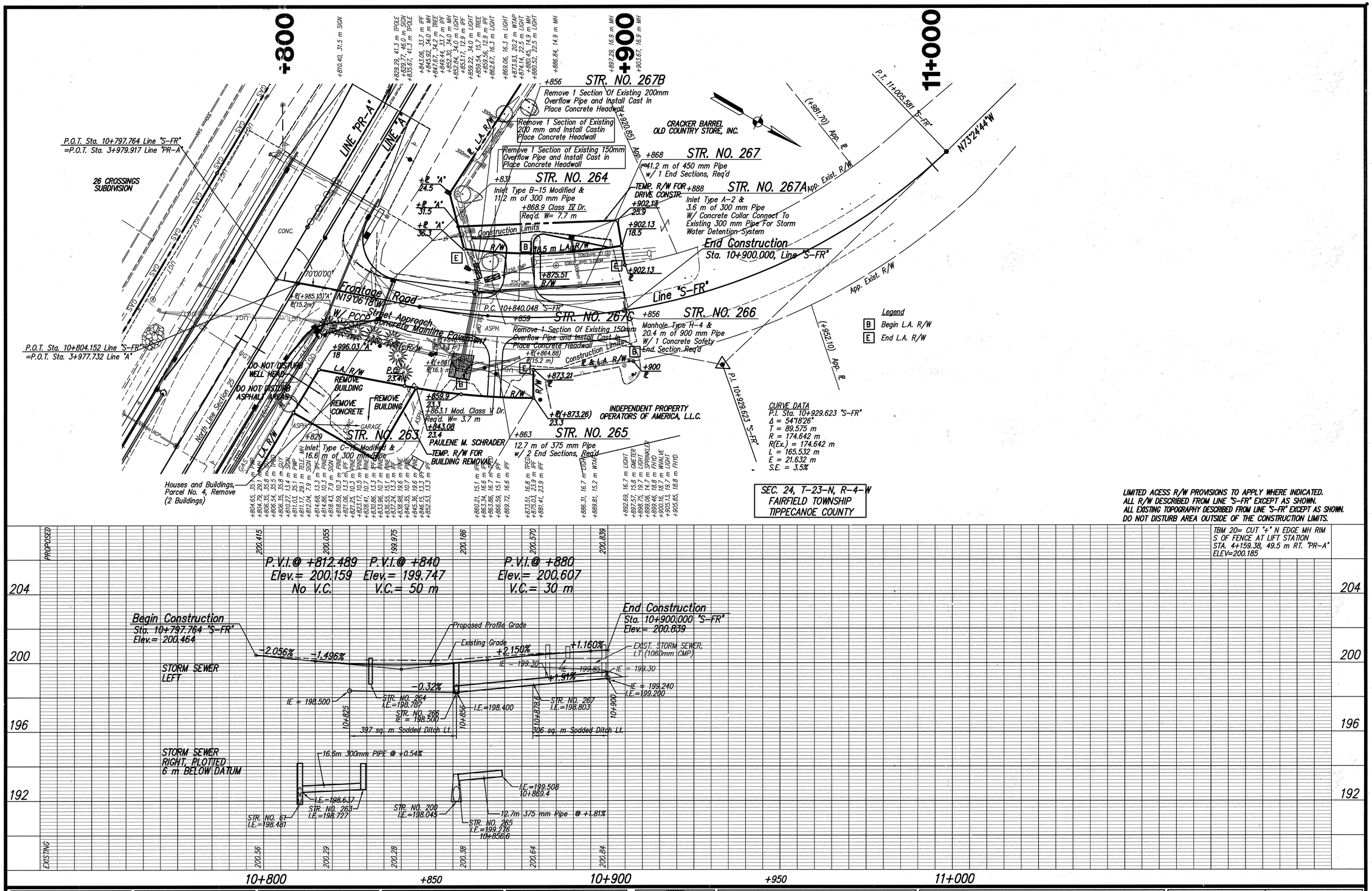
KENNETH R. HERCG — REGISTERED No. 15423 — STATE OF INDIANA — PROFESSIONAL ENGINEER

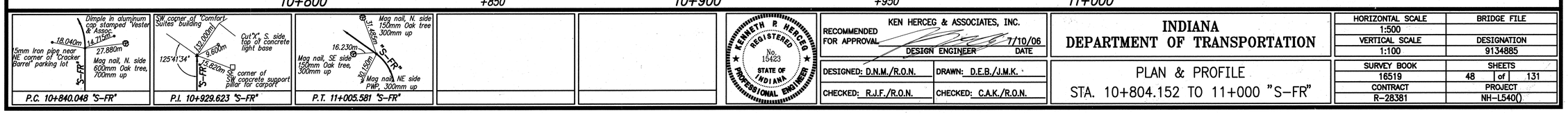
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
STA. 5+750 "PR-A" TO 6+100 "A"

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
1:100	9134885
SURVEY BOOK	SHEETS
16519	47 of 131
CONTRACT	PROJECT
R-28381	NH-L540(003)

C:\19809\100\rcp07010.DWG, Layout1, 8/4/2006 4:49:09 PM, paul





KENNETH R. HERCEG REGISTERED No. 15423 STATE OF INDIANA PROFESSIONAL ENGINEER

KEN HERCEG & ASSOCIATES, INC.
RECOMMENDED FOR APPROVAL — DESIGN ENGINEER — DATE 7/10/06

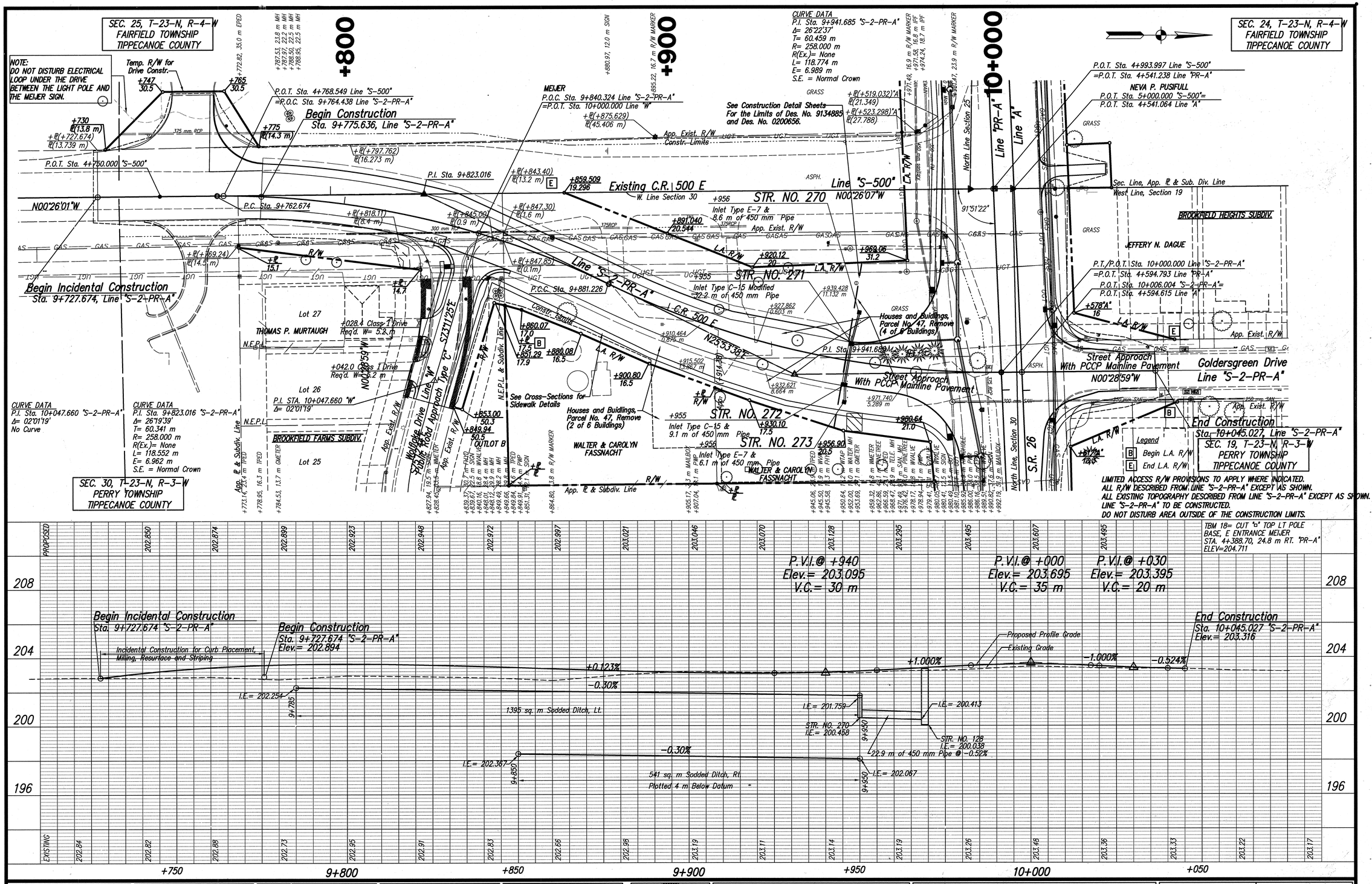
DESIGNED: D.N.M./R.O.N. DRAWN: D.E.B./J.M.K.
CHECKED: R.J.F./R.O.N. CHECKED: C.A.K./R.O.N.

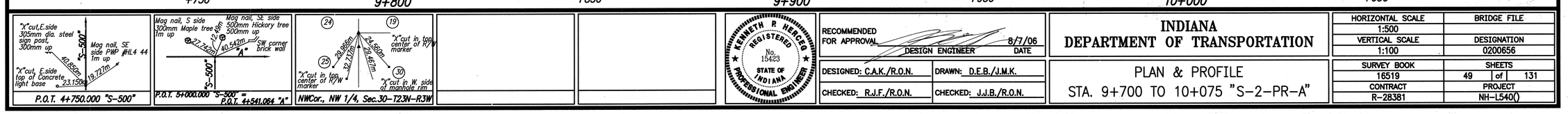
INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
STA. 10+804.152 TO 11+000 "S-FR"

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9134885
SURVEY BOOK 16519	SHEETS 48 of 131
CONTRACT R-28381	PROJECT NH-L540()

C:\98091\02\rcp01020.dwg, Layout1, 8/7/2006 11:13:11 AM, paul





RECOMMENDED FOR APPROVAL	DESIGN ENGINEER — DATE 8/7/06
DESIGNED: C.A.K./R.O.N.	DRAWN: D.E.B./J.M.K.
CHECKED: R.J.F./R.O.N.	CHECKED: J.J.B./R.O.N.

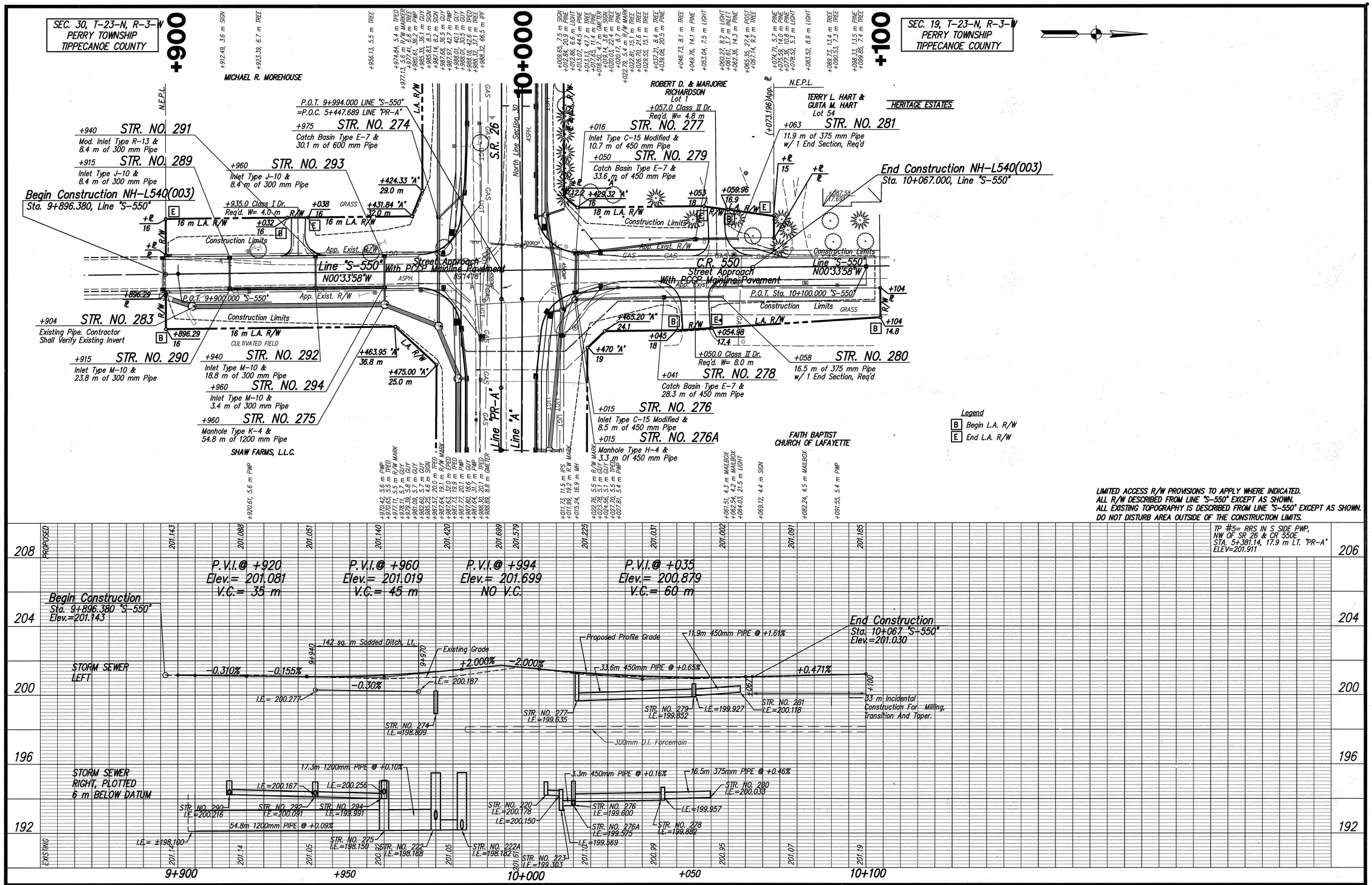
KENNETH R. HERCEG — REGISTERED No. 15423 — STATE OF INDIANA — PROFESSIONAL ENGINEER

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
STA. 9+700 TO 10+075 "S-2-PR-A"

HORIZONTAL SCALE	BRIDGE FILE
1:500	
VERTICAL SCALE	DESIGNATION
1:100	0200656
SURVEY BOOK	SHEETS
16519	49 of 131
CONTRACT	PROJECT
R-28381	NH-L540()

C:\19909\102\rcp01030.dwg, Layout1, 8/4/2006 5:09:23 PM, paul



RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE 8/7/06

DESIGNED: C.A.K./R.O.N. DRAWN: D.E.B./J.M.K.

CHECKED: R.J.F./R.O.N. CHECKED: J.J.B./R.O.N.

INDIANA DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE
STA. 9+896 TO 10+100 "S-550"

HORIZONTAL SCALE 1:500	BRIDGE FILE
VERTICAL SCALE 1:100	DESIGNATION 9134885
SURVEY BOOK 16519	SHEETS 50 of 131
CONTRACT R-28381	PROJECT NH-L540()

C:\9809\102\Rcp01040.dwg, Layout1, 8/6/2006 12:47:29 PM, paul