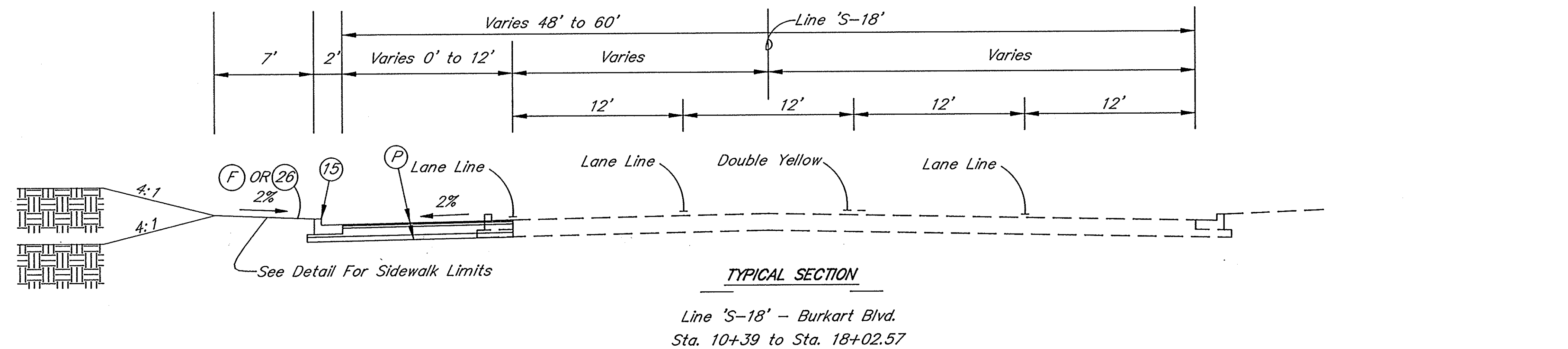


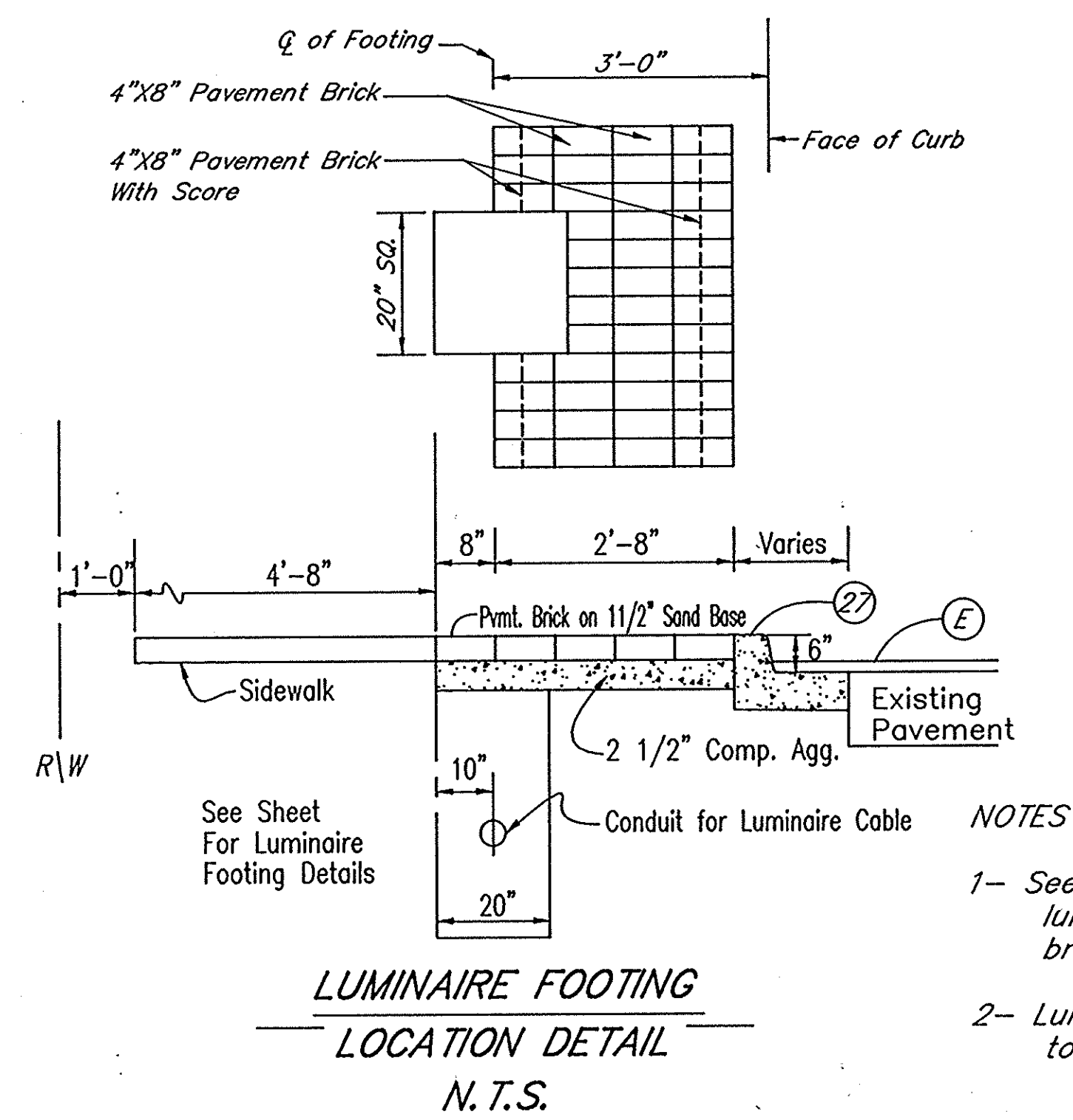
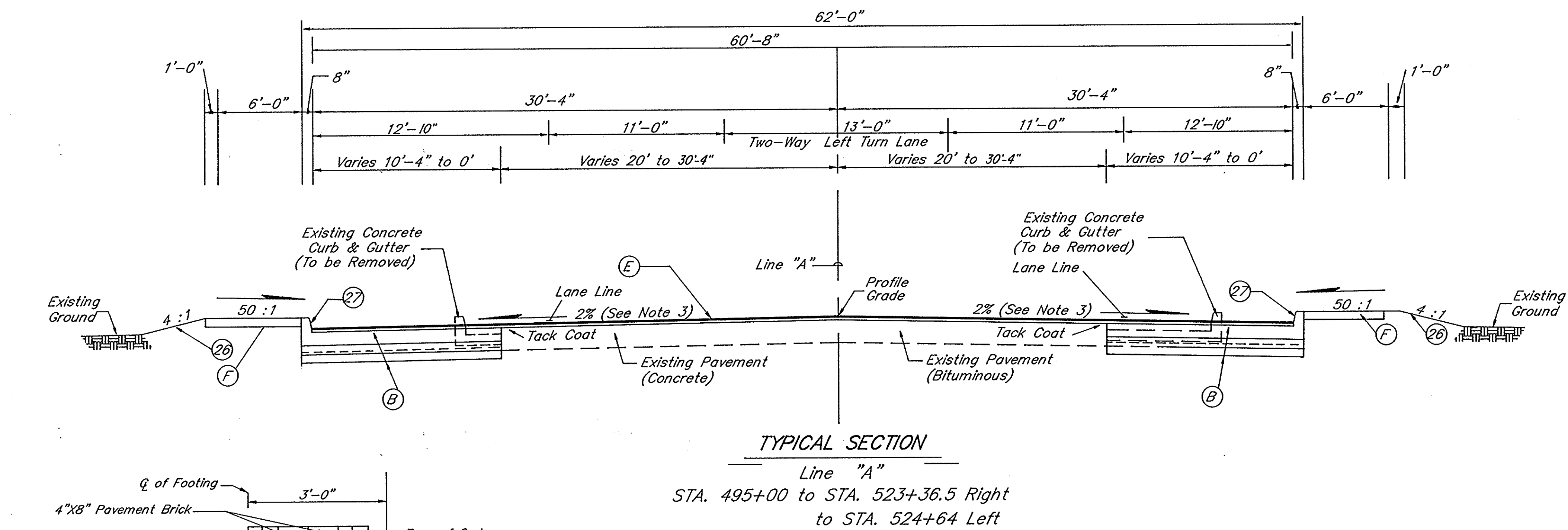
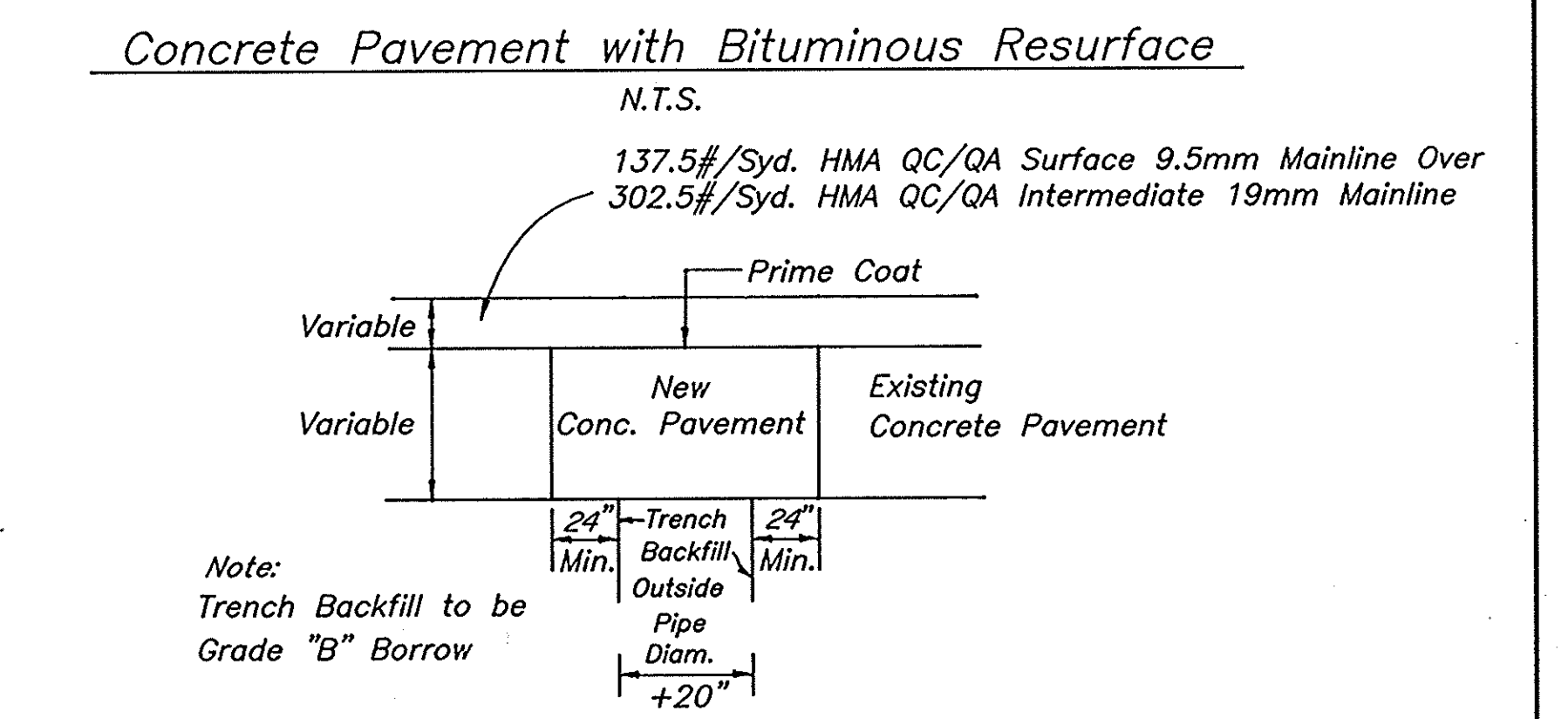
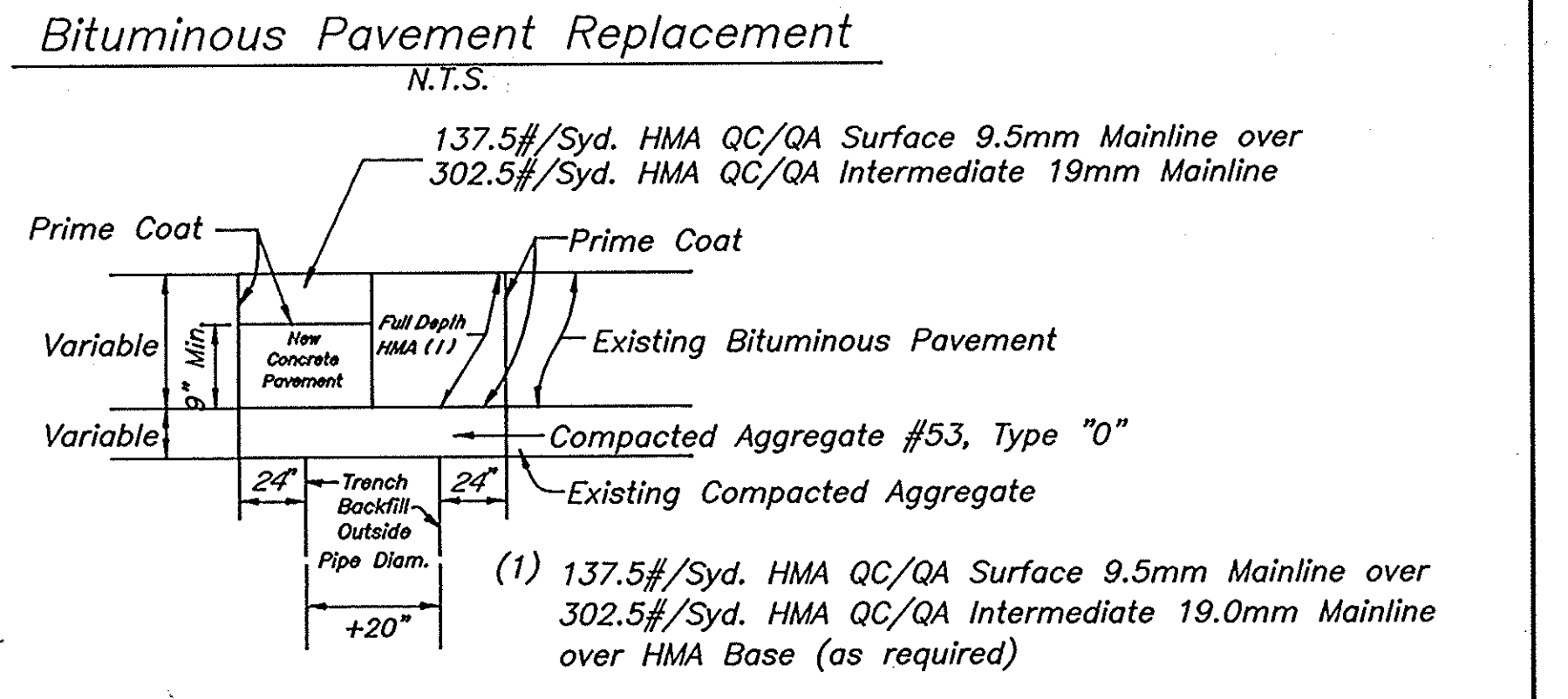
NOTE: Asphalt Binder on this project to be 76-22.

NOTES:

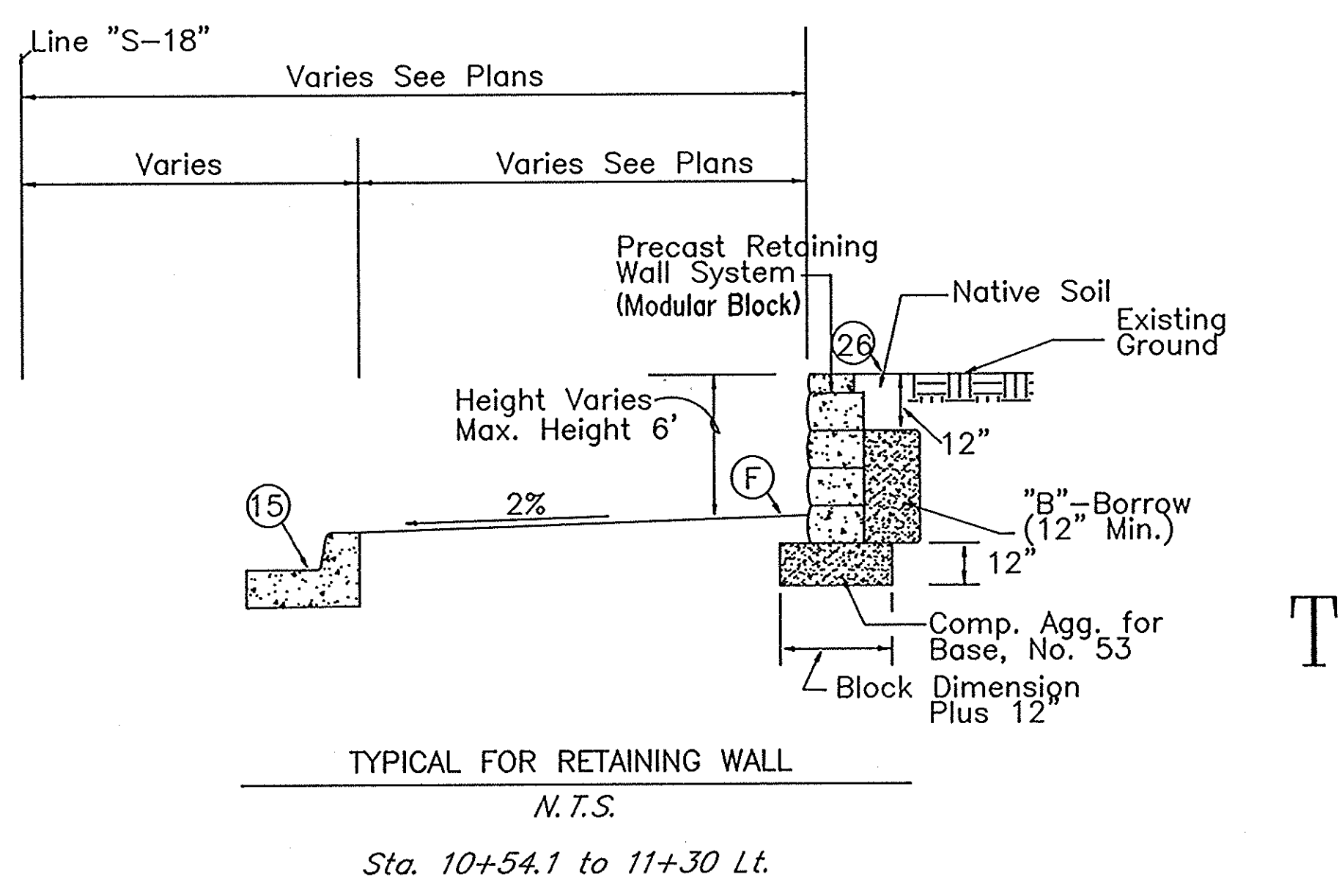
- 1- 1 1/4" to be milled from all existing bituminous surfaces.
- 2- Geotextile to be placed along bottom and sides of underdrain.
- 3- Use existing cross-slope Sta. 515+00 to Sta. 525+00.
- 4- See Sheet 4 for Detail of (27)
- 5- Subbase for Cement Concrete Pavement shall consist of 4" of 100 crushed coarse aggregate size #8 on 6" Compacted Aggregate Base Type "0", Size No. 53.
- 6- Wedge and Level as required for 2% Cross slope from Sta. 495+00 to Sta. 515+00.
- 7- Performance Grade Binder shall be PG-64-22.



- LEGEND**
- (B) 8" Plain Jointed Cement Concrete Base over subbase for Cement Concrete Pavement
 - (E) 75 kg/m² (137.5#/Syd.) QC/QA HMA Surface 9.5mm, Mainline over 165 kg/m² (302.5#/Syd.) QC/QA HMA Intermediate 19.0mm, Mainline
 - (F) 4" Concrete Sidewalk
 - (P) 75 kg/m² (137.5#/Syd.) QC/QA HMA Surface 9.5mm, Mainline over 165 kg/m² (302.5#/Syd.) QC/QA HMA Intermediate 12.5mm, Mainline over 420 kg/m² (770#/Syd.) HMA Base 25mm, Mainline
 - (15) Concrete Curb & Gutter
 - (26) Nursery Sod
 - (27) Integral Concrete Curb, Modified.



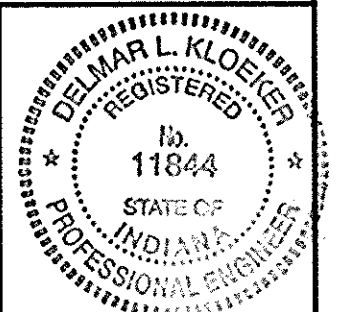
- NOTES**
- 1- See Sheet for location of luminaire footing and limits of brick sidewalk.
 - 2- Luminaire cable and luminaires to be installed by others.



INDIANA DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS
SCALE: 1" = 5'

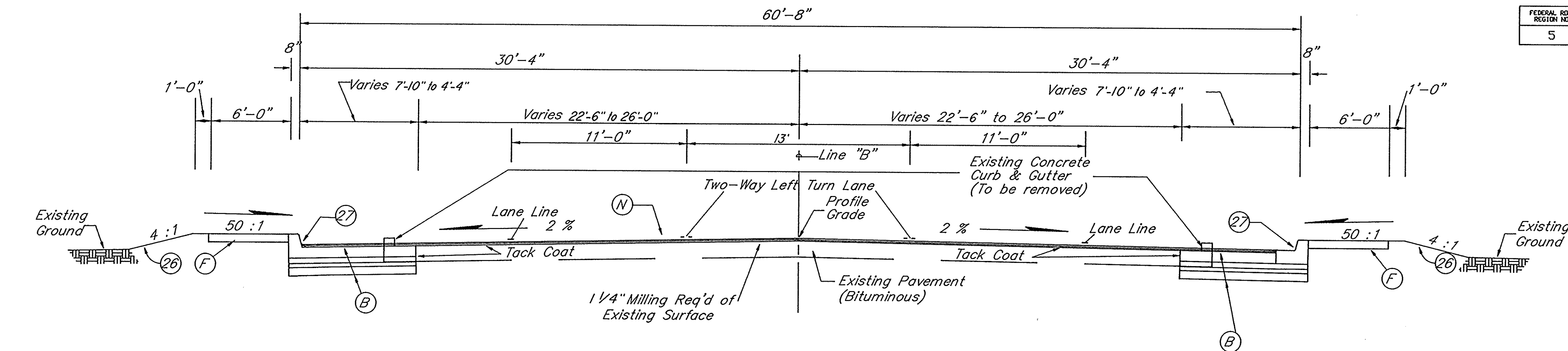
R-24846

RECOMMENDED FOR APPROVAL

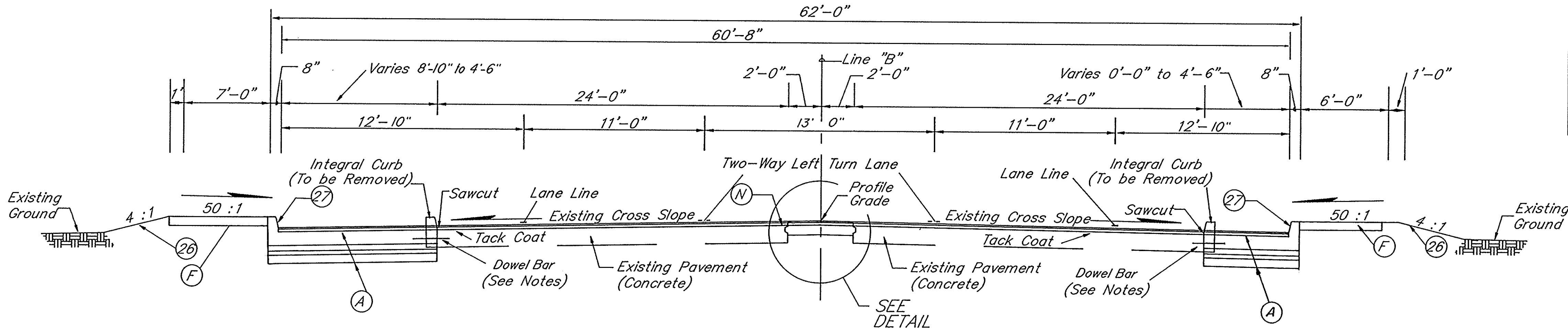


TYPBURK.DWG Date: 10/16/98

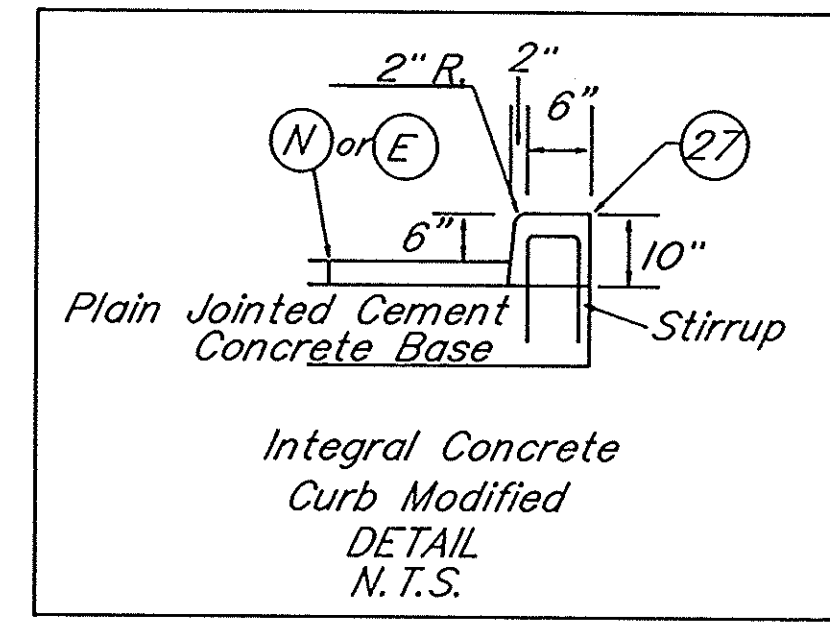
FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936 ()		4	159



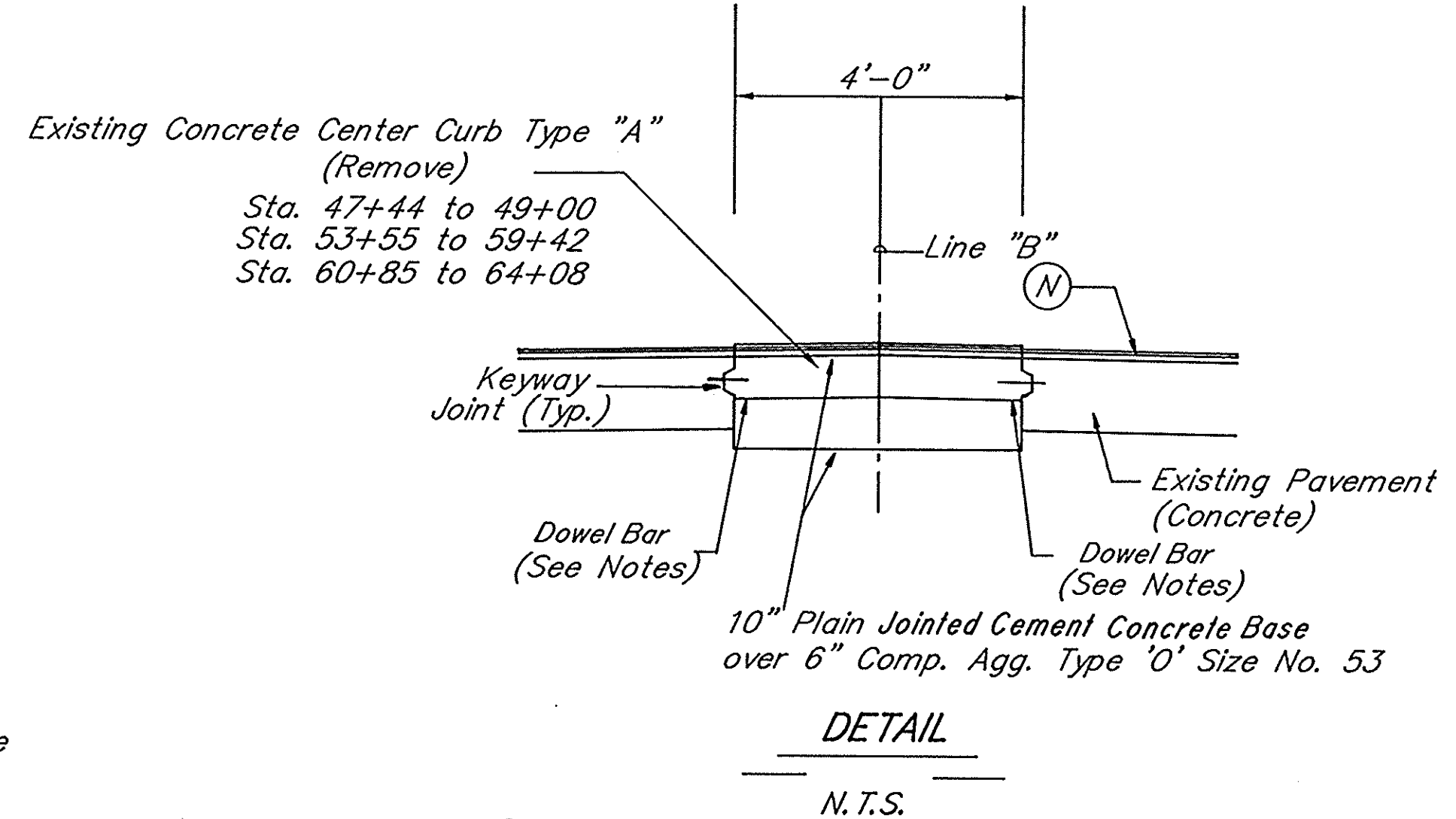
TYPICAL SECTION
Line "B"
STA. 12+67 to STA. 20+00



TYPICAL SECTION
Line "B"
STA. 28+98 to STA. 62+50



- LEGEND**
- (A) 10" Plain Jointed Cement Concrete Base over Subbase for Cement Concrete Pavement
 - (B) 8" Plain Jointed Cement Concrete Base over Subbase for Cement Concrete Pavement
 - (27) Integral Concrete Curb, Modified
 - (26) Nursery Sod.
 - (F) 4" Concrete Sidewalk
 - (N) or (E) 75 kg/m² (137.5#/Syd) QC/QA HMA Surface 9.5mm, Mainline over 165 kg/m² (302.5#/Syd) QC/QA HMA Intermediate 12.5mm, Mainline

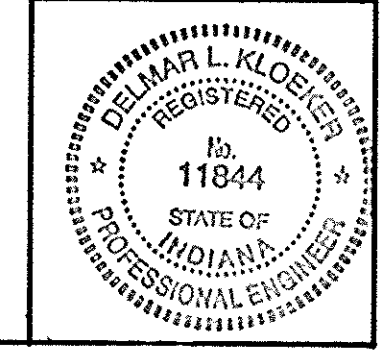


- Notes:**
1. For details of Dowel Bar Placement See INDOT Standard Drawing E 500-PTRN-04.
 2. See Construction Details for placement of Sidewalk, End Sidewalk 59+59 Rt. & 64+00 Lt.
 3. 1" to be milled from all existing bituminous surfaces.
 4. Geotextile material to be placed along bottom and sides of underdrain.
 5. Wedge and Level as Required for 2% Cross Slope.
 6. Subbase for Cement Concrete Pavement shall consist of 4" of 100% crushed coarse aggregate size #8 on 6" Compacted Aggregate Base, Type '0', size #53.
 7. Performance Grade Binder Shall Be PG 64-22.

U.S. 50 (E.Tipton St.) TYPICAL CROSS SECTIONS

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

NOTE: Asphalt Binder on this project to be 76-22.

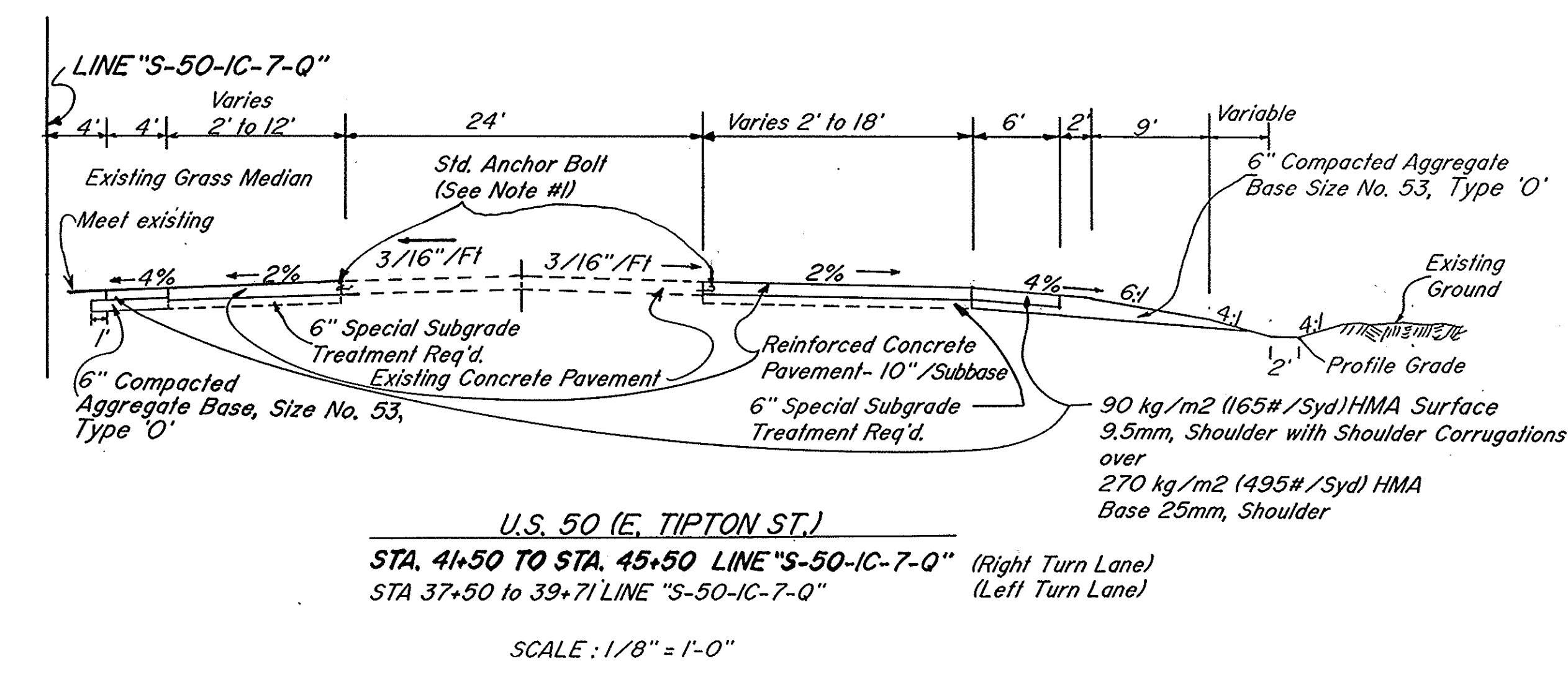
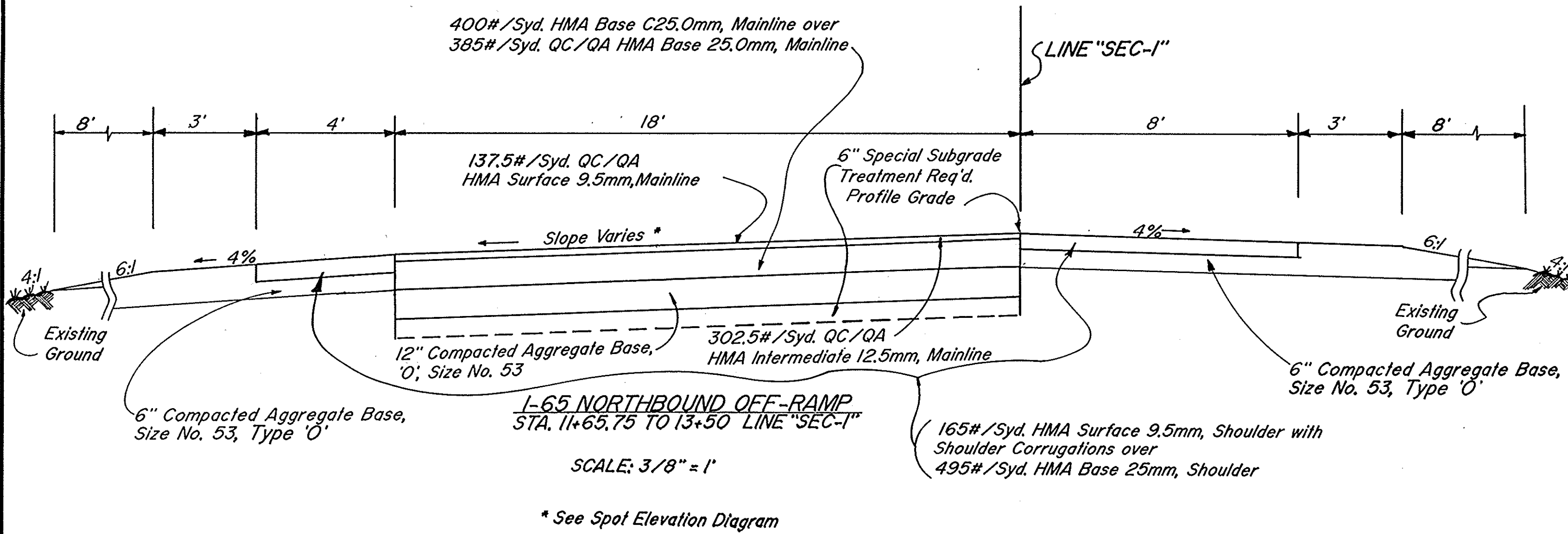
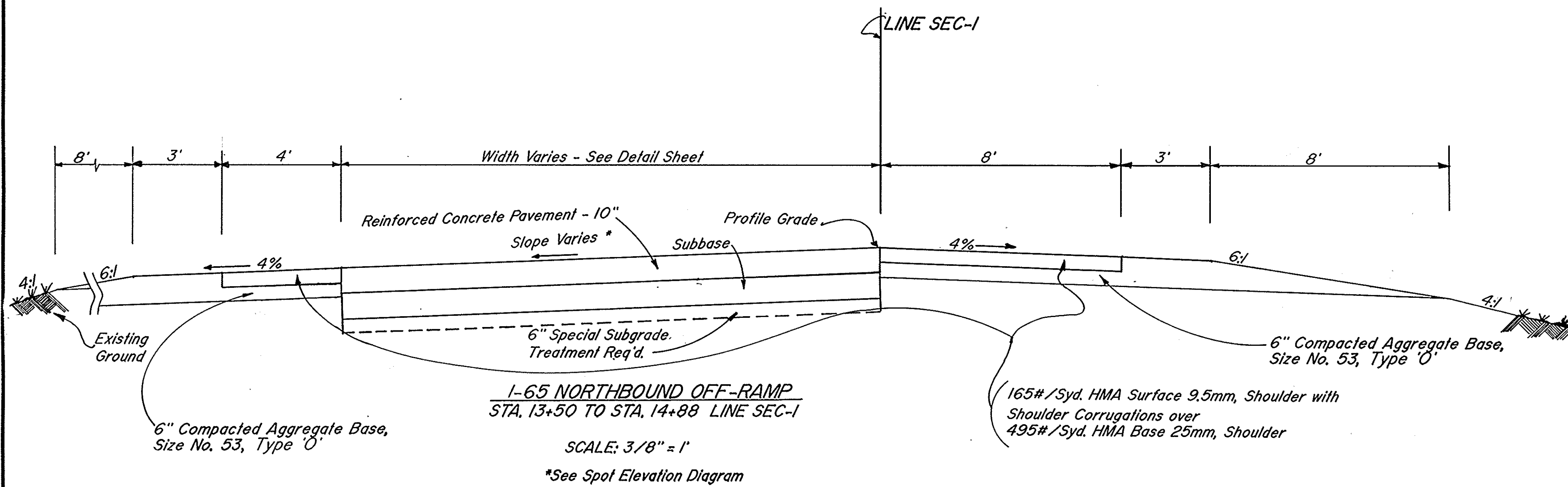


R-24846

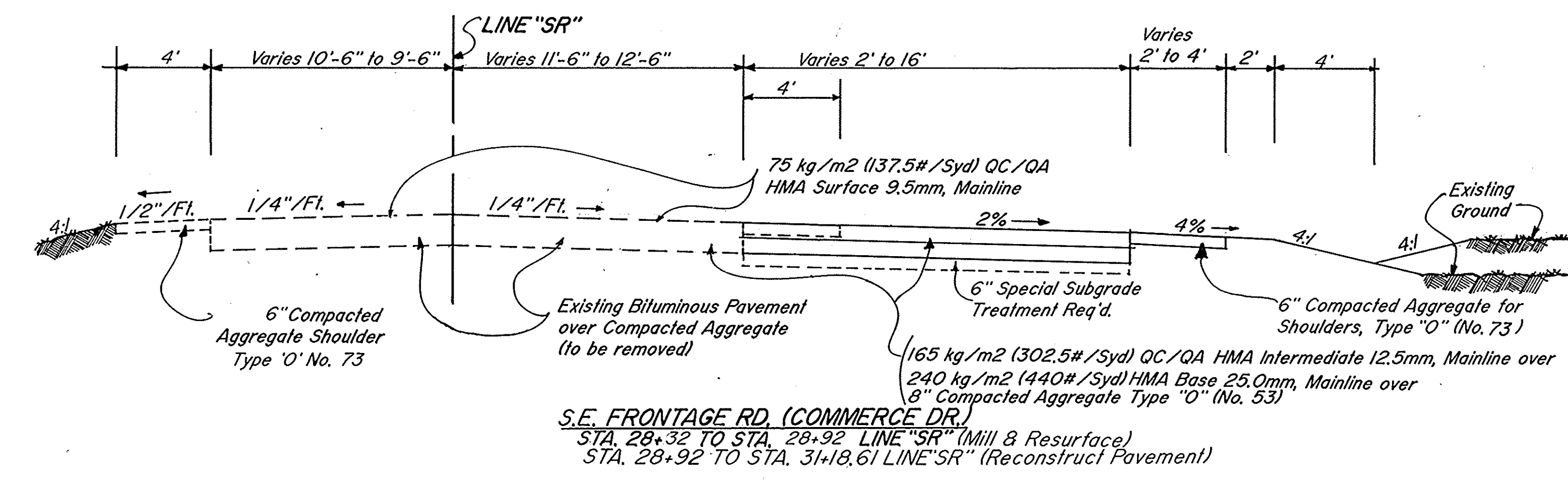
Date: 11/05/98
Rev.: 03/11/99
50TSECBI.DWG

NOTE: Asphalt Binder on this project to be 76-22.

FEDERAL ROAD DIVISION NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9536 (1)		5	159



NOTES:
 1. See INDOT Std. Sheet A for Anchor Bolt Details.

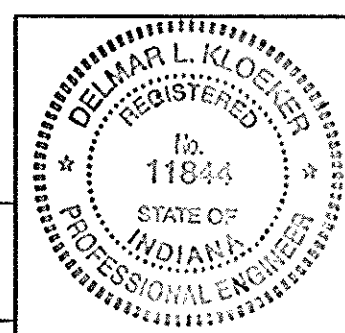


I-65 Northbound Off-Ramp, Frontage Rd. & U.S. 50
INDIANA DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS

SCALE: As Shown

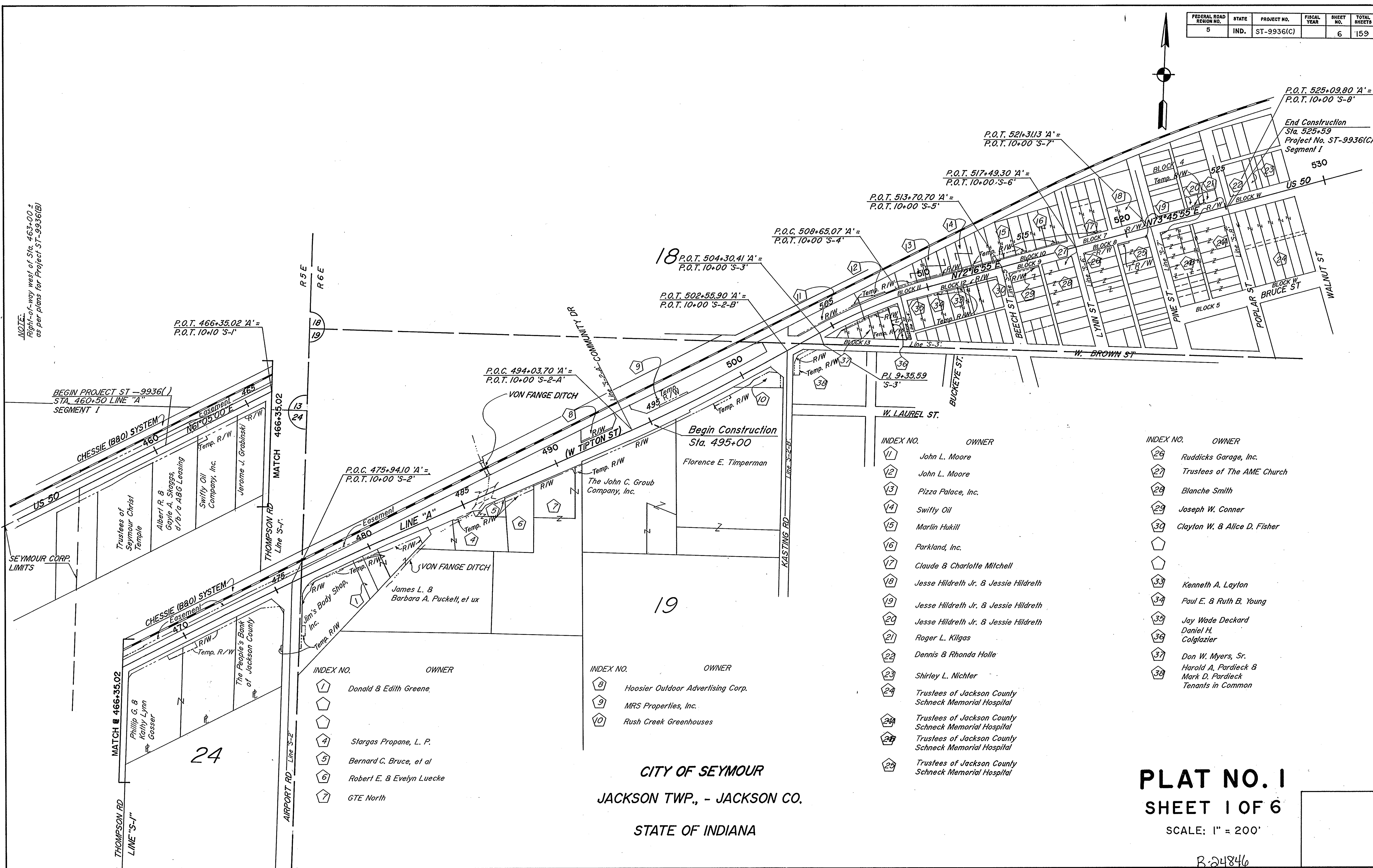
RECOMMENDED FOR APPROVAL

R.24846





NOTE:
Right-of-way west of Sta. 463+00.±
as per plans for Project ST-9936(B)



P.O.T. 525+09.80 'A' =
P.O.T. 10+00 'S-8'

End Construction
Sta. 525+59
Project No. ST-9936(C)
Segment I

P.O.T. 466+35.02 'A' =
P.O.T. 10+10 'S-1'

18 P.O.T. 504+30.41 'A' =
P.O.T. 10+00 'S-3'

P.O.T. 513+70.70 'A' =
P.O.T. 10+00 'S-5'

P.O.T. 517+49.30 'A' =
P.O.T. 10+00 'S-6'

P.O.C. 508+65.07 'A' =
P.O.T. 10+00 'S-4'

P.O.T. 502+55.90 'A' =
P.O.T. 10+00 'S-2-B'

P.O.C. 494+03.70 'A' =
P.O.T. 10+00 'S-2-A'

P.O.C. 475+94.10 'A' =
P.O.T. 10+00 'S-2'

BEGIN PROJECT ST-9936(C)
STA. 460+50 LINE "A"
SEGMENT I

Begin Construction
Sta. 495+00
Florence E. Timperman

P.I. 9+35.59
'S-3'

INDEX NO. OWNER

- 11 John L. Moore
- 12 John L. Moore
- 13 Pizza Palace, Inc.
- 14 Swifty Oil
- 15 Marlin Hukill
- 16 Parkland, Inc.
- 17 Claude & Charlotte Mitchell
- 18 Jesse Hildreth Jr. & Jessie Hildreth
- 19 Jesse Hildreth Jr. & Jessie Hildreth
- 20 Jesse Hildreth Jr. & Jessie Hildreth
- 21 Roger L. Kilgas
- 22 Dennis & Rhonda Holle
- 23 Shirley L. Nichter
- 24 Trustees of Jackson County Schneck Memorial Hospital
- 24 Trustees of Jackson County Schneck Memorial Hospital
- 24 Trustees of Jackson County Schneck Memorial Hospital
- 25 Trustees of Jackson County Schneck Memorial Hospital

INDEX NO. OWNER

- 26 Ruddicks Garage, Inc.
- 27 Trustees of The AME Church
- 28 Blanche Smith
- 29 Joseph W. Conner
- 30 Clayton W. & Alice D. Fisher
- 31
- 32
- 33 Kenneth A. Layton
- 34 Paul E. & Ruth B. Young
- 35 Jay Wade Deckard
- 36 Daniel H. Colglazier
- 37 Don W. Myers, Sr.
- 38 Harold A. Pardiack & Mark D. Pardiack Tenants in Common

- INDEX NO. OWNER
- 1 Donald & Edith Greene.
 - 2
 - 3
 - 4 Stargas Propane, L. P.
 - 5 Bernard C. Bruce, et al
 - 6 Robert E. & Evelyn Luecke
 - 7 GTE North

- INDEX NO. OWNER
- 8 Hoosier Outdoor Advertising Corp.
 - 9 MRS Properties, Inc.
 - 10 Rush Creek Greenhouses

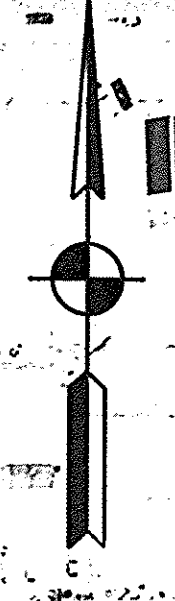
CITY OF SEYMOUR
JACKSON TWP., - JACKSON CO.
STATE OF INDIANA

PLAT NO. I
SHEET I OF 6
SCALE: 1" = 200'

B-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	ST-9936()		7	159

CITY of SEYMOUR
 JACKSON TWP.
 JACKSON COUNTY
 STATE of INDIANA



CURVE DATA CHESSE SYSTEM

Sta. 16+19.56
 $\Delta = 6^{\circ} 57' 25''$
 $R = 1972.18'$
 $T = 110.88'$
 $L = 239.47'$
 $E = 3.64'$
 $SE = N/A$

Beath Construction
 Sta. 11+90.00
 Project No. ST-9936
 Segment II

East Construction
 Sta. 20+20
 Project No. ST-9936
 Segment II

CIRCLE ST

S. PARK ST. 20

US 50 (E. Tipton St.)

LINE 'B'

BRUCE ST.

CIRCLE ST.

BROADWAY

S. VINE ST.

PLAT NO. 3
 SHEET 2 OF 6

SCALE: 1" = 100'

See Sheet 5 of 6 for Property Owner Index

PROJECT NO.
 ST-9936() R-24846

SHEET 7 OF 159



CHESSIE SYSTEM (B-8-O)

Augusta K. Jacobson
Basic Construction
Sta 28+98
ST-99361 ()
segment III

State of Indiana

State of Indiana
Temp. R/W

Lawrence
Kloeker
Temp. R/W

U.S. 50 (E. TIPTON ST.)
LINE B

Bateman & Kloeker
Property

CURVE DATA
PI = 51+98.12
Δ = 0°-23'-05"
D = 10°-02'-03"
R = 167.72170'
T = 563.10'
L = 1126.20'
E = 0.25'
SE = 71.0'

CITY of SEYMOUR
JACKSON TWP.
JACKSON COUNTY
STATE of INDIANA

PLAT NO. 3
SHEET 3 OF 6

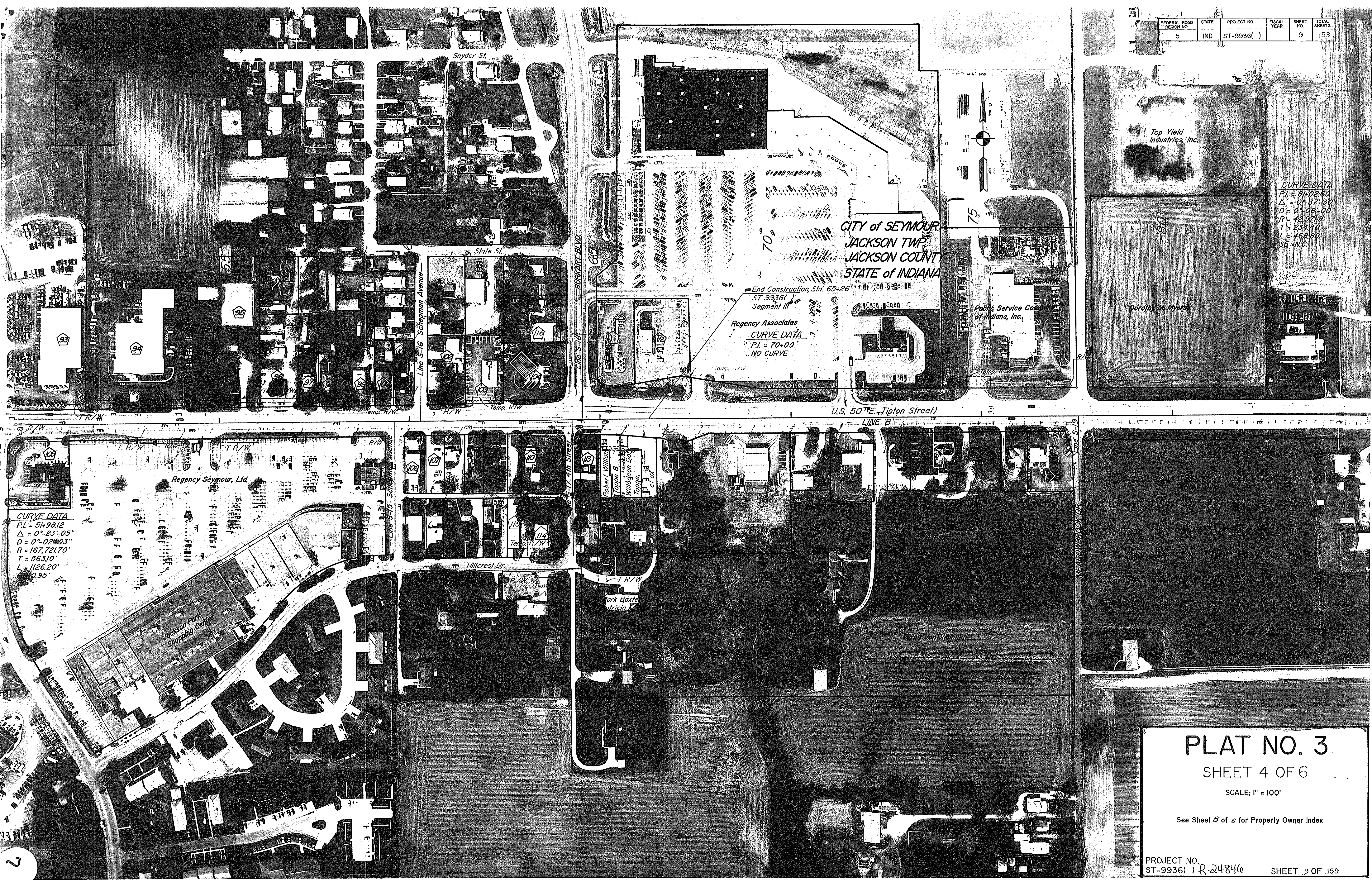
SCALE: 1" = 100'
See Sheet 5 of 6 for Property Owner Index

PROJECT NO.
ST-99361 () R 24846

SHEET 8 OF 159

PLAT NO.	3
SHEET NO.	8
YEAR	1999
PROJECT NO.	ST-99361 ()
STATE	IND
REGION NO.	5
TOTAL SHEETS	159

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	ST-9936()		9	159



CURVE DATA
 PI = 81+02.60
 $\Delta = 0^{\circ} 37' 30''$
 D = 0+08-00'
 R = 429718'
 T = 234.40'
 L = 468.80'
 SE = NC

End Construction Sta. 65+26.11
 ST 9936()
 Segment III
 Regency Associates
CURVE DATA
 PI = 70+00'
 NO CURVE

CURVE DATA
 PI = 51+98.12
 $\Delta = 0^{\circ} 23' 05''$
 D = 0+02+03'
 R = 167,721.70'
 T = 563.10'
 L = 1126.20'
 0.95'

PLAT NO. 3

SHEET 4 OF 6

SCALE: 1" = 100'

See Sheet 5 of 6 for Property Owner Index

INDEX of PROPERTY OWNERS - PLAT 3

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		10	159

Sheet 2 of 6

N. Side of US 50 (E. Tipton St.) between Broadway & S. Park

- 51 Robert L. Lewis
- 52 Ted R. Gill
- 53 Richard U. & Delores J. Pflanz, et ux
- 54 Interstate Fuel Injection Service, Inc.
- 55 Leased Restaurant Partners
- 56 James Robert & Pearl Ann Cummings, et ux
- 57 Douglas L. & Barbara Powers, et ux

S. Side of US 50 (E. Tipton St.) between Broadway & S. Park

- 58 Kocolene Oil Corporation
- 59 B J T, Inc.
- 60 John Dale Sprenger
- 61 Dorothy Fellig
- 62 Russ V. & Ruth G. Wilson, et ux
- 63 Kevin E. Arthur & Arnold Wetzel, Joint Tenants with Rights of Survivorship
- 64 James Robert & Pearl Ann Cummings, et ux

Sheet 3 of 6

N. Side of US 50 (E. Tipton St.) to Jackson Park Dr.

- 65 Seymour Greenhouse, Inc.
- 66 Franchise Realty Corporation
- 67 Little Caesar Enterprises, Inc.
- 68 Bobby Hinton (Compuage), 0.50 Ac. ±
- 69 Geryon Properties

Sheet 3 of 6 (Cont.)

- 70 Michael Lawrence Fee, Joseph W. Fee, Wilford Fee - Joint Tenants with Rights of Survivorship
- 71 Willard L. & Linda E. Hackman, et ux
- 72 Home Federal Savings and Loan Association
- 73 Donald G. & Jean Morris, et ux

S. Side of US 50 (E. Tipton St.) between Hancock St. & Marley Ln.

- 74 Thomas R. & Virginia L. Henley, et ux
- 75 Clover Realty, Inc.
- 76 Marjorie M. Sage
- 77 Tracoe Aluminum Supply, Inc.
- 78 Elmer R. & June V. Nicholson, et ux
- 79 Domino's Pizza, Inc.
- 80 Hoa Van & Christy M. Ho, et ux
- 81 Joyce Marley
- 82 Anne Borges
- 83 Kenneth N. Sharer
- 84 Robert L. Foster
- 85 Claude A. & Lois Clouse, et ux
- 86 Royse & Ginny Clouse, et ux
- 87 Paul J. & Thelma Jarvis, et ux
- 88 Dewayne D. Wilkerson
- 89 Ray & Marian Von Dleinger, et ux
- 90 James L. & Billie Richardson, et ux
- 91 Norris Food Service of Indiana, Inc.
- 92 Stephen A. Pfaff

Sheet 4 of 6

N. Side of US 50 (E. Tipton St.) from Jackson Park Dr. to Meadowbrook Dr.

- 93 Donald G. Morris
- 94 Seymour Daily Tribune
- 95 Jack II & Anne Lee Patrick - Joint Tenants
- 96 50 East Rentals, Inc.
- 97 Lawrence & Rose Lee Haag, et ux

Sheet 4 of 6 (Cont.)

- 98 Charles D. & Nelle P. Rush, et ux
- 99 Homer & Oma H. Thompson, et ux
- 100 James E. & Marjorie J. Fox, et ux
- 101 Charles M. Moffett
- 102 Tipton Auto Repair, Inc.
- 103 R H C Associates
- 104 Peoples Bank of Jackson County
- 111 Number Fourteen Corporation
- 112 C & M Partnership

S. Side of US 50 (E. Tipton St.) from Jackson Park Dr. to Meadowbrook Dr.

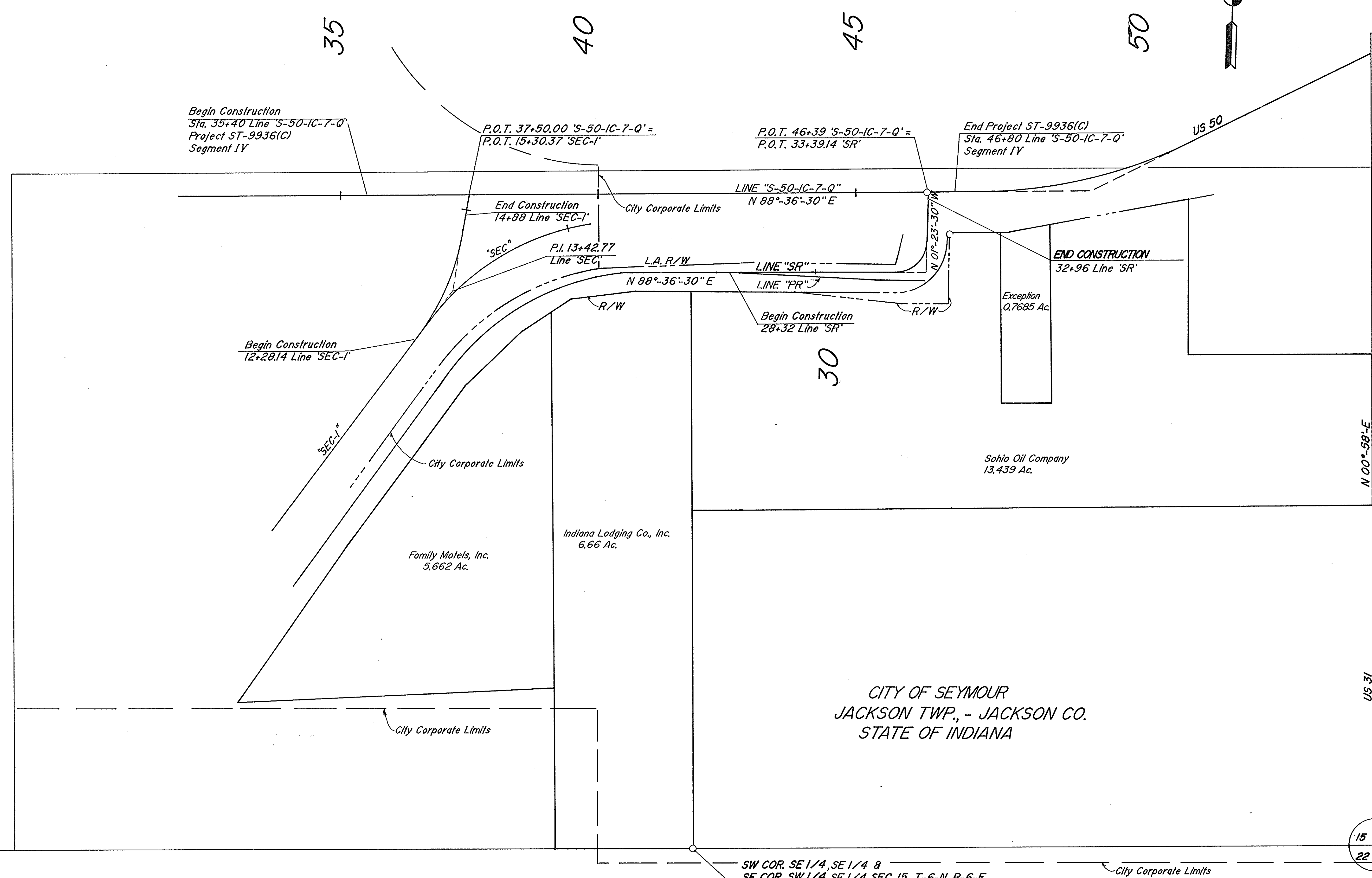
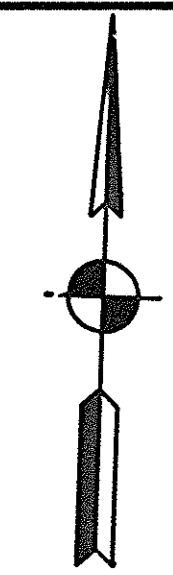
- 105 Jackson County Bank
- 106 Marlin E. Hukill
- 107 G. Donn Bishop
- 108 Frank J. & Muriel L. Churchman, et ux
- 109 Prentice Real Estate, Inc.
- 110 Harlan R. & Virginia Ault, et ux
- 113 Omer L. & Irene L. Morgan, et ux

INDEX OF PROPERTY OWNERS

SHEET 5 OF 6

R-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936(C)		11	159



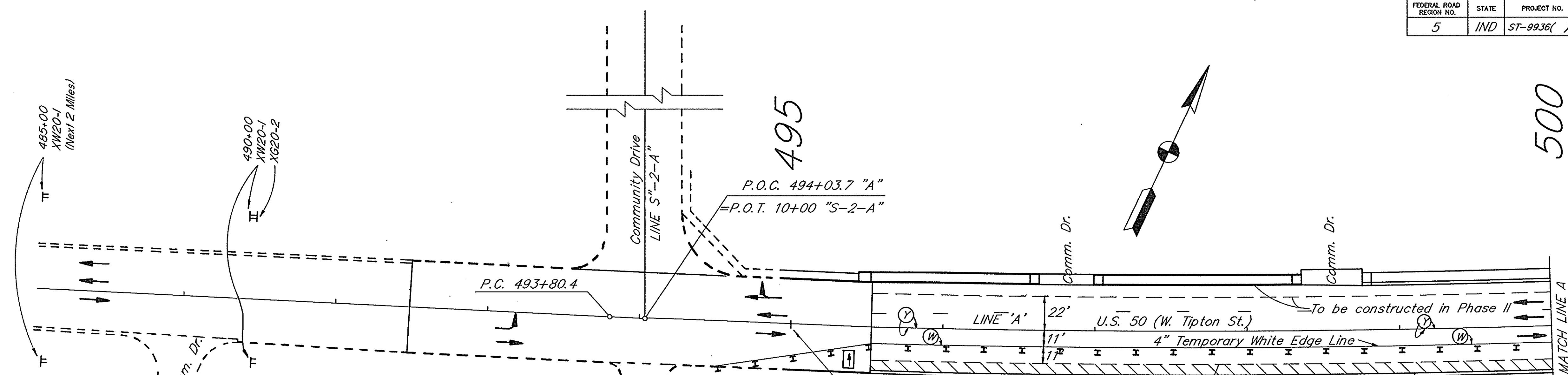
CITY OF SEYMOUR
 JACKSON TWP., - JACKSON CO.
 STATE OF INDIANA

15 14
 22 23

SW COR. SE 1/4, SE 1/4 8
 SE COR. SW 1/4, SE 1/4 SEC. 15, T-6-N, R-6-E
 NW COR. NE 1/4, NE 1/4 8
 NE COR. NW 1/4, NE 1/4 SEC. 22, T-6-N, R-6-E

PLAT NO. 1
 SHEET 6 OF 6
 SCALE: 1" = 100'

R-24846



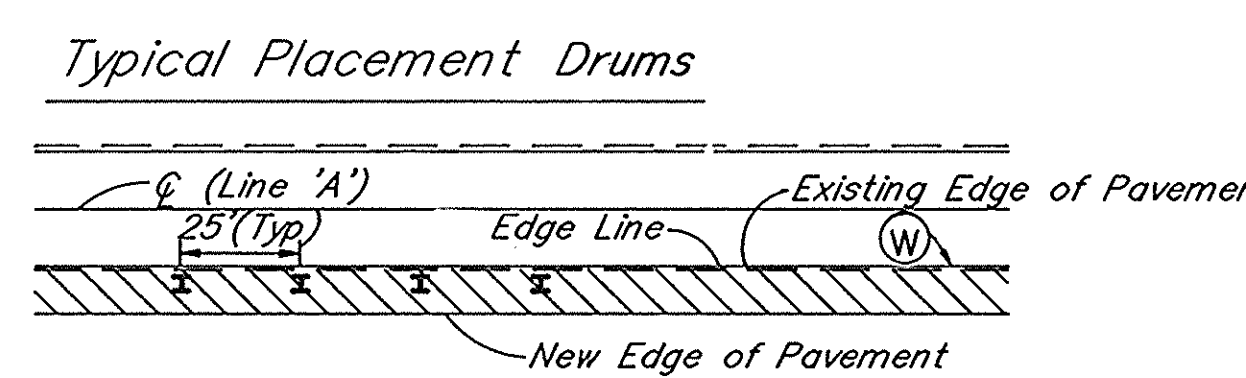
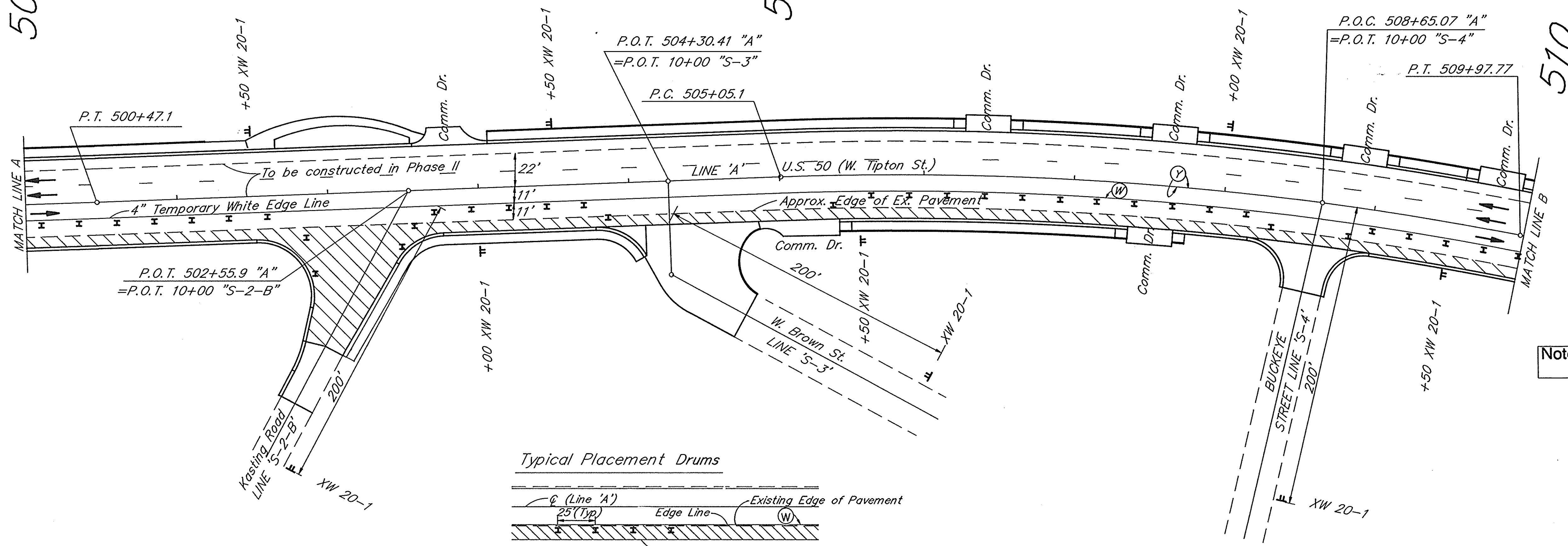
NOTES:

- The construction in this phase shall include the removal and placement of all drainage structures, and the widening of US 50 on the right side (except surface course).
- All properties served by only one drive shall be provided with access at all times. If a property has two or more drives, one drive shall be usable (open) at all times.
- Kasting Road, Brown Street, and Buckeye Street may be closed for reconstruction. However only one of these approaches shall be closed at any one time and then for a period not to exceed seven working days. The Comm. Dr. at Sta. 498+53 Rt. shall not be closed at the same time that Kasting Road is closed. In addition appropriate Road Closed Signs and Type III-A Barricades shall be installed by the Contractor to advise motorists.
- It is anticipated that the Contractor will proceed in an assembly line type of construction from West to East. As a section becomes finished, necessary traffic control devices will be maintained to allow movement to commercial entities, but not allow motorists to utilize the widened pavement.
- The 4" White Edge Line temporary marking shall not be placed across the public street approaches.
- See Sheet 13 for Estimated Quantities for this phase.

LEGEND

- ⊥ Construction Sign, Type 'A'
- I Drums (Not a Pay Item)
- ⊥ Type III-A Barricade
- ▨ Pavement Widening
- Lanes & Direction of Traffic
- - - Existing Pavement
- New Pavement
- ⊙ Temporary Pavement Markings, Removable, 4", White
- ⊙ Temporary Pavement Markings, Removable, 4", Yellow
- Flashing Arrow Sign

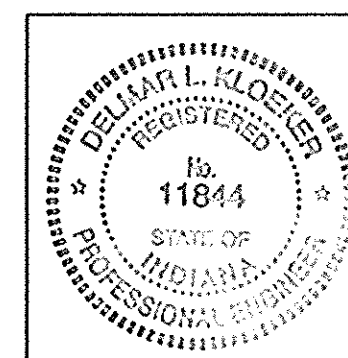
500



Not To Scale

Note: See Special Provisions for revisions to Maintenance of Traffic concept.

MAINTENANCE OF TRAFFIC
SEGMENT I - PHASE I
DETAILS
SCALE: 1" = 40'
SHEET 1 of 2

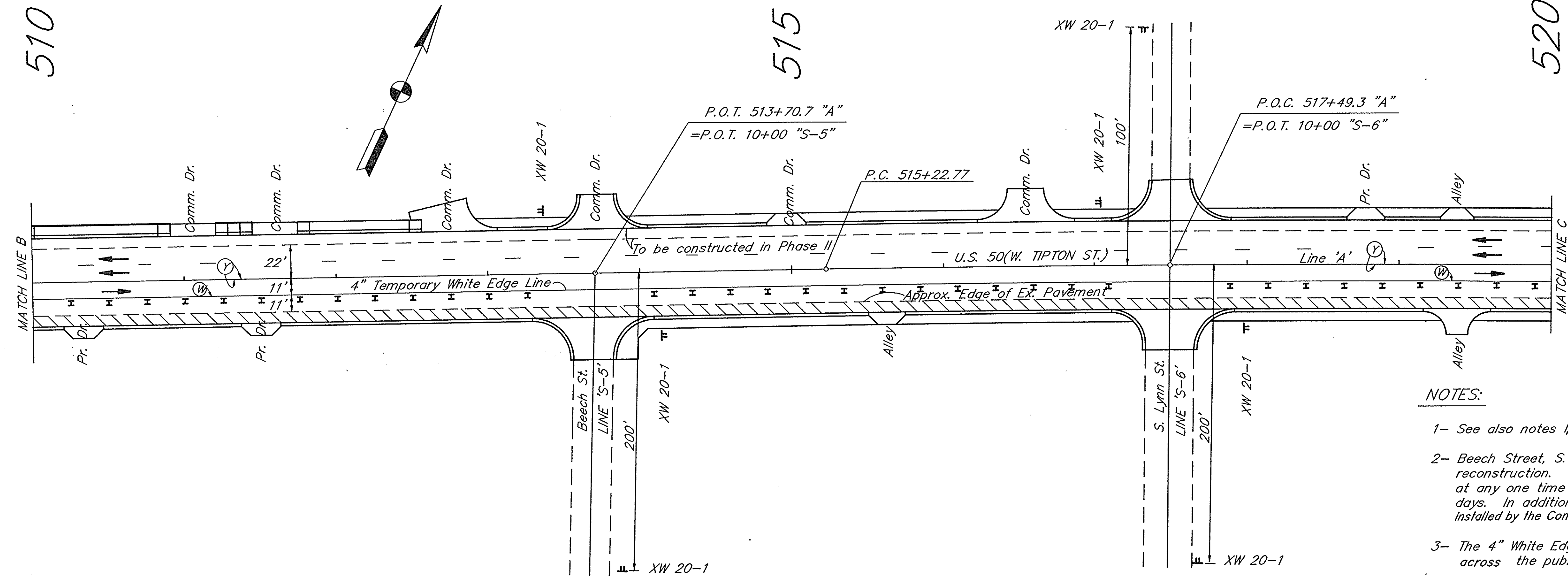


R-24846

510

515

520



LEGEND

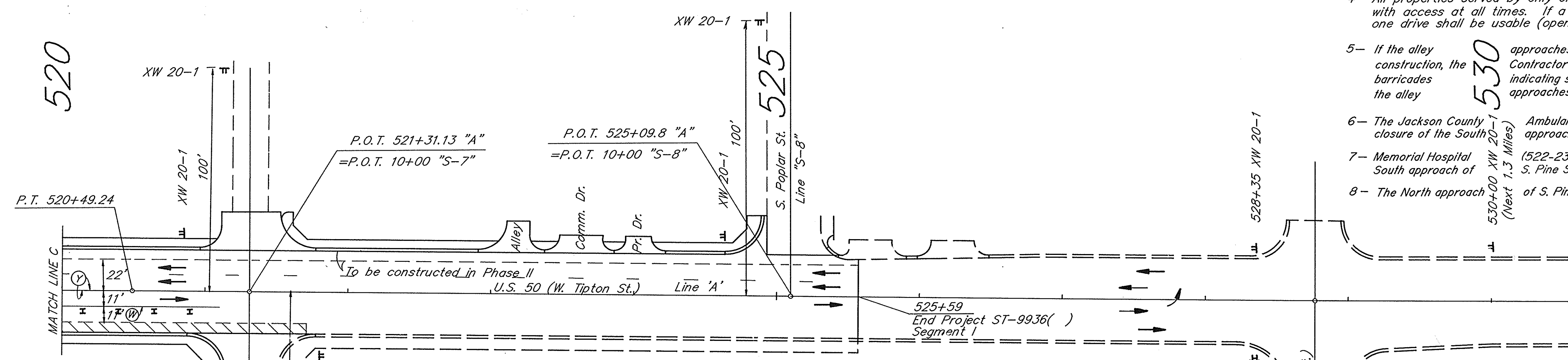
- ⊥ Construction Sign, Type 'A'
- ⊥ Drums (Not a Pay Item)
- ⊥ Type III-A Barricade
- ▨ Pavement Widening
- Lanes & Direction of Traffic
- Existing Pavement
- New Pavement
- ⊙ Temporary Pavement Markings, Removable, 4", White
- ⊙ Temporary Pavement Markings, Removable, 4", Yellow

NOTES:

- 1- See also notes 1, 3, & 4 from Sheet 1 of 2, Segment 1 - Phase 1
- 2- Beech Street, S. Lynn Street, & S. Pine Street may be closed for reconstruction. However only one of these approaches shall be closed at any one time and then for a period not to exceed seven working days. In addition appropriate Road Closed Signs and Type III-A Barricades installed by the Contractor to advise motorists.
- 3- The 4" White Edge Line Temporary Marking shall not be placed across the public street approaches.
- 4- All properties served by only one drive shall be provided with access at all times. If a property has two or more drives, one drive shall be usable (open) at all times.
- 5- If the alley approaches to US 50 (W. Tipton St.) are closed for construction, the Contractor shall place appropriate signs and barricades indicating such closure to the motorists. The closure of the alley approaches shall be for a maximum of seven working days.
- 6- The Jackson County Ambulance Service (523-7501) shall be advised of any closure of the South approach of S. Pine St. 48 hours in advance.
- 7- Memorial Hospital (522-2349) shall be advised of any closure of the South approach of S. Pine St. 48 hours in advance.
- 8- The North approach of S. Pine St. shall be open at all times.

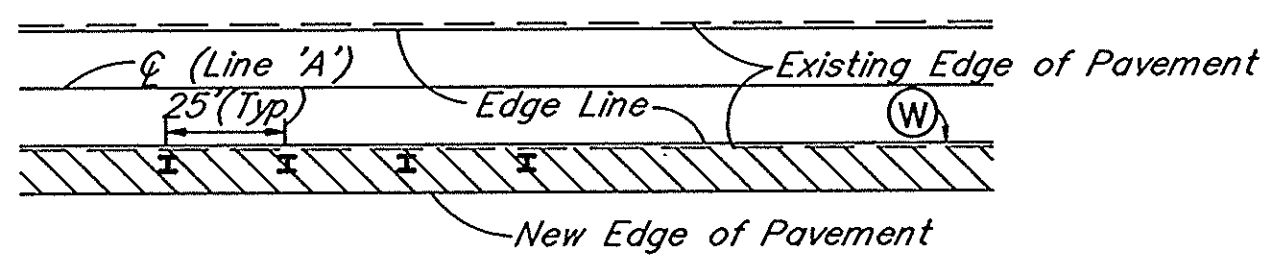
520

525



ESTIMATED QUANTITIES - SEGMENT I

PAY ITEM	UNIT	PHASE I	PHASE II	TOTAL
Temporary Pavement Markings, White, Broken, 4"	LFT.	780 (Type I)	780 (Type II)	
Drums (Not a Pay Item)	Each	97	126	223
Construction Signs, Type 'A'	Each	36	20	56
Type III-A Barricades	Each	30	24	54
Temporary Pavement Markings, White, Solid, 4"	LFT.	2200 (Type I)	2200 (Type II)	
Temporary Pavement Markings, Yellow, Solid, 4"	LFT.	4980 (Type I)	4980 (Type II)	
Line, Remove	LFT.	9000		9000
Flashing Arrow Sign	Day	150	150	300



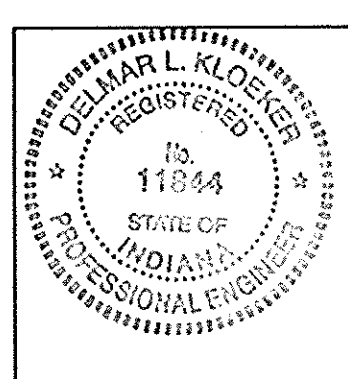
Typical Placement Drums

Not To Scale

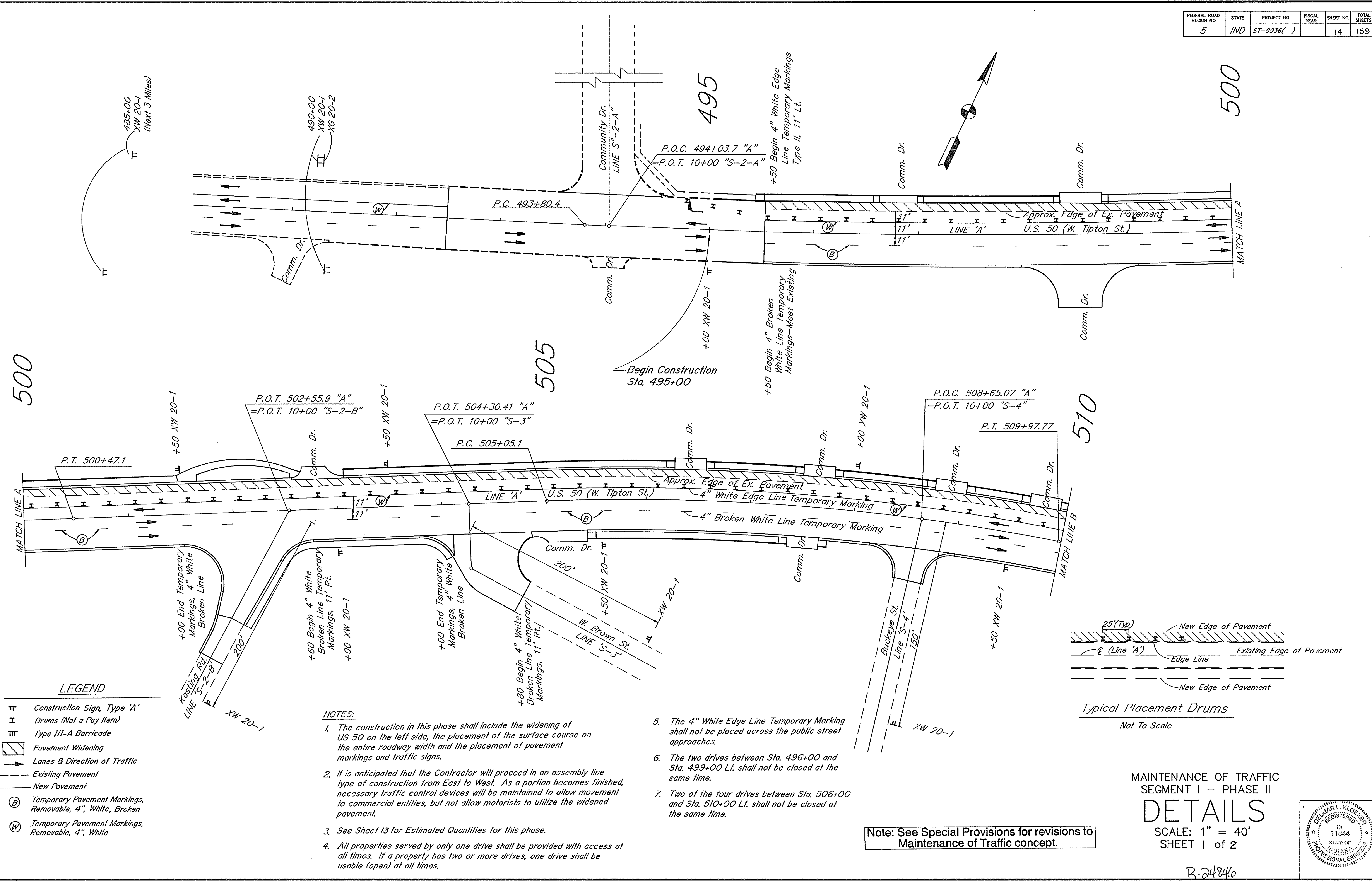
Note: See Special Provisions for revisions to Maintenance of Traffic concept.

MAINTENANCE OF TRAFFIC
SEGMENT I - PHASE I

DETAILS
SCALE: 1" = 40'
SHEET 2 of 2



R-24846



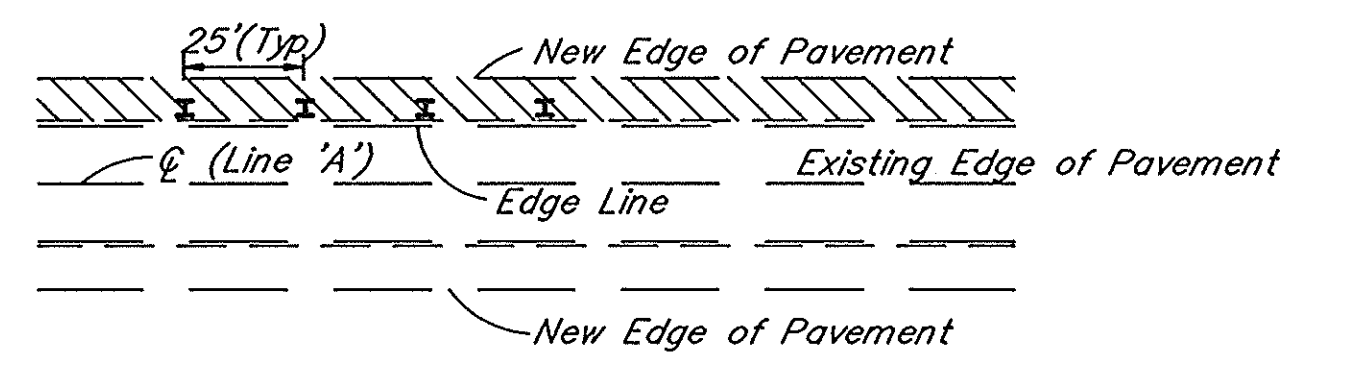
LEGEND

⊓	Construction Sign, Type 'A'
I	Drums (Not a Pay Item)
⊓	Type III-A Barricade
▨	Pavement Widening
→	Lanes & Direction of Traffic
---	Existing Pavement
---	New Pavement
(B)	Temporary Pavement Markings, Removable, 4", White, Broken
(W)	Temporary Pavement Markings, Removable, 4", White

- NOTES:**
- The construction in this phase shall include the widening of US 50 on the left side, the placement of the surface course on the entire roadway width and the placement of pavement markings and traffic signs.
 - It is anticipated that the Contractor will proceed in an assembly line type of construction from East to West. As a portion becomes finished, necessary traffic control devices will be maintained to allow movement to commercial entities, but not allow motorists to utilize the widened pavement.
 - See Sheet 13 for Estimated Quantities for this phase.
 - All properties served by only one drive shall be provided with access at all times. If a property has two or more drives, one drive shall be usable (open) at all times.

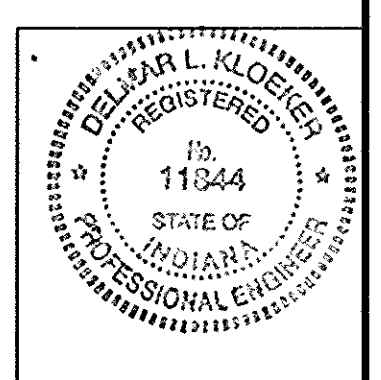
- The 4" White Edge Line Temporary Marking shall not be placed across the public street approaches.
- The two drives between Sta. 496+00 and Sta. 499+00 Lt. shall not be closed at the same time.
- Two of the four drives between Sta. 506+00 and Sta. 510+00 Lt. shall not be closed at the same time.

Note: See Special Provisions for revisions to Maintenance of Traffic concept.



Typical Placement Drums
Not To Scale

MAINTENANCE OF TRAFFIC
SEGMENT I - PHASE II
DETAILS
SCALE: 1" = 40'
SHEET 1 of 2



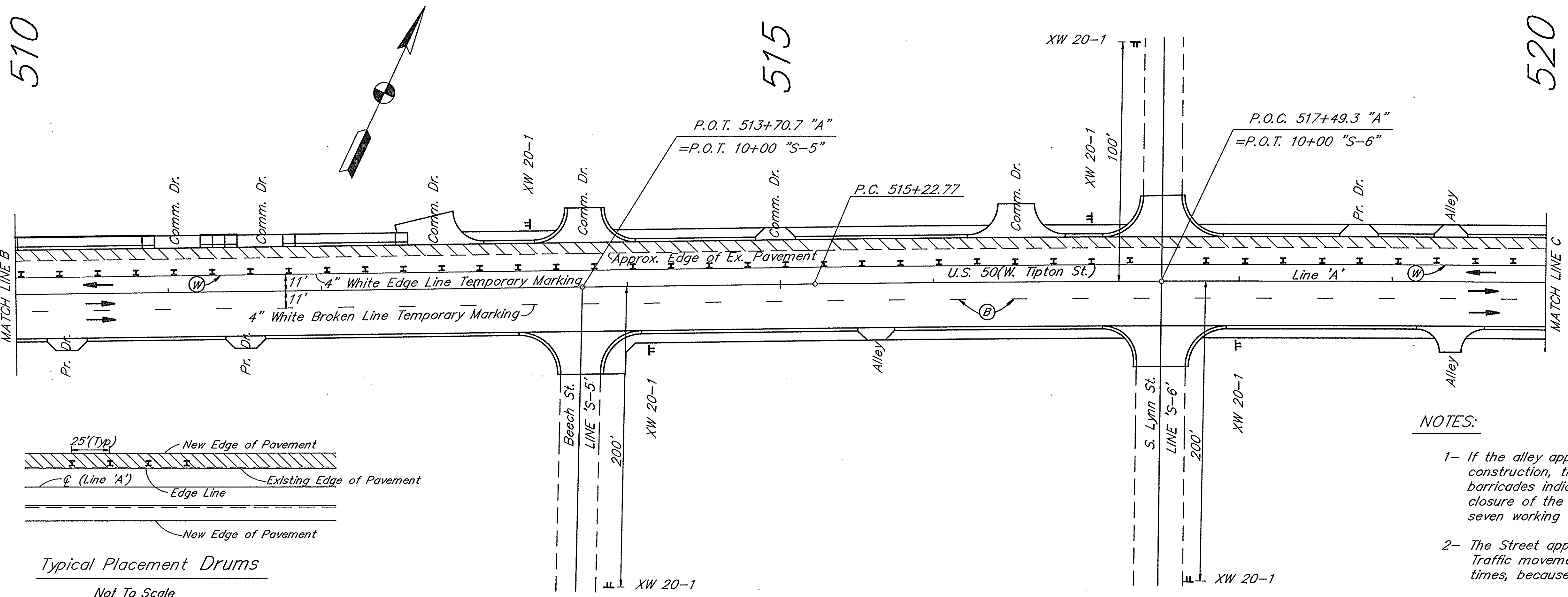
R-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	ST-9936()		15	159

510

515

520



LEGEND

- ⊥ Construction Sign, Type 'A'
- ⊥ Drums (Not a Pay Item)
- ⊥ Type III-A Barricade
- ▨ Pavement Widening
- Lanes & Direction of Traffic
- - - Existing Pavement
- New Pavement
- ⊙ Temporary Pavement Markings, Removable, 4", White, Broken
- ⊙ Temporary Pavement Markings, Removable, 4", White
- ⊡ Flashing Arrow Sign

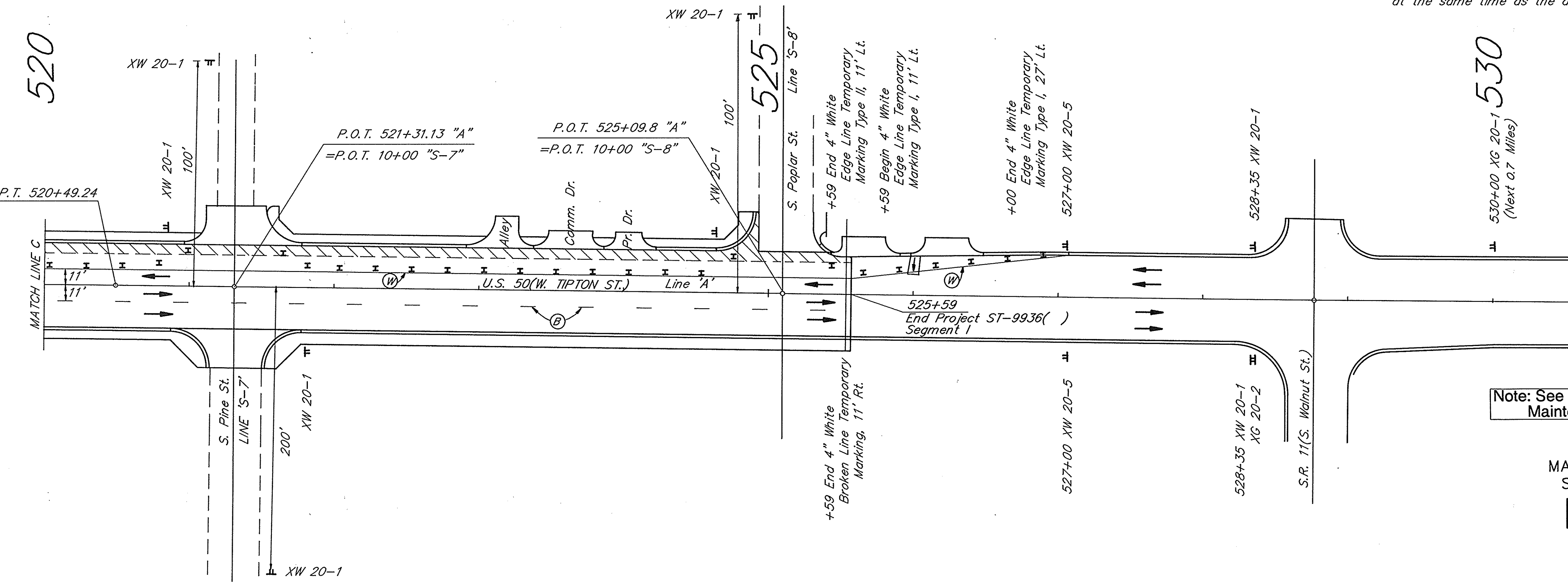
NOTES:

- 1- If the alley approaches to US 50 (W. Tipton St.) are closed for construction, the contractor shall place appropriate signs and barricades indicating such closure to the motorists. The closure of the alley approaches shall be for a maximum of seven working days.
- 2- The Street approaches on this sheet shall not be totally closed. Traffic movements shall be permitted to and from US 50 at all times, because of commercial entities in the area.
- 3- The commercial drive at Sta. 523+19 Lt. shall not be closed at the same time as the alley at Sta. 523+63 Lt.

520

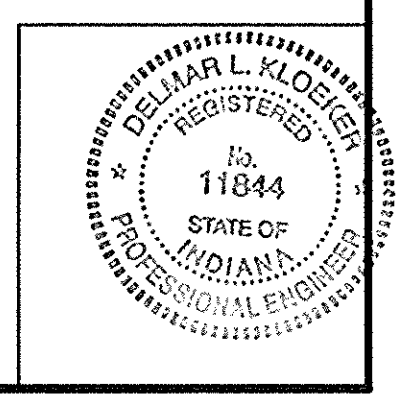
525

530



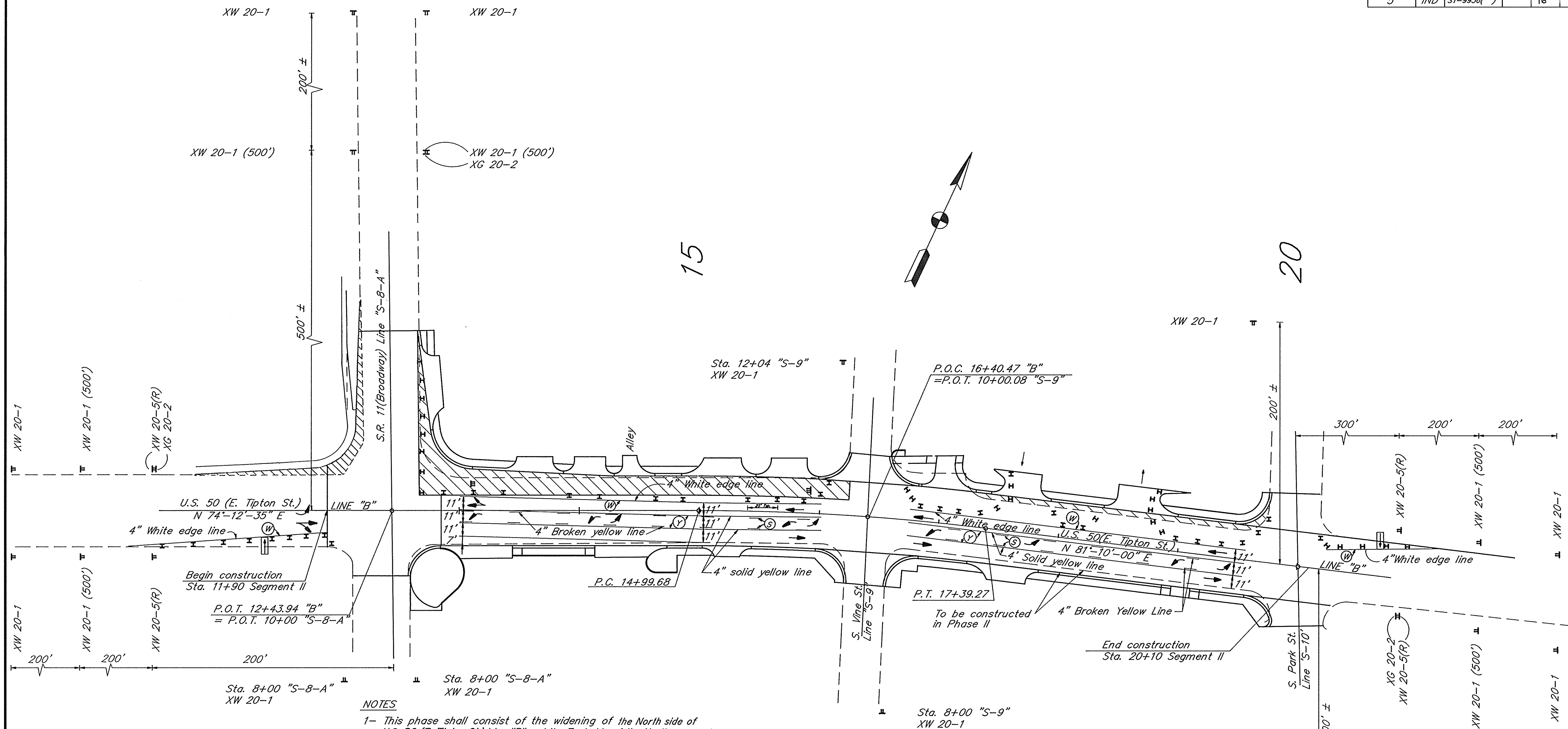
Note: See Special Provisions for revisions to Maintenance of Traffic concept.

MAINTENANCE OF TRAFFIC
SEGMENT I - PHASE II
DETAILS
SCALE: 1" = 40'
SHEET 2 of 2



R-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	ST-9936()		16	159



- NOTES**
- 1- This phase shall consist of the widening of the North side of U.S. 50 (E. Tipton St.) Line "B" and the East side of the North approach of S.R. 11 (Broadway). The bituminous surface shall not be placed in this phase.
 - 2- All pavement markings shall be removed on U.S. 50 between S.R. 11 (Broadway) & S. Park St.
 - 3- All pavement markings to be placed in this phase shall be Temporary Pavement Markings, Removable.
 - 4- Access to the business in the Northeast quadrant of S.R. 11 (Broadway) and U.S. 50 (E. Tipton St.) shall be provided at all times by:
 - A.) The drive along S.R.11 (Broadway) or
 - B.) The drives along U.S. 50 (E. Tipton St.)
 - 5- The drives to the drive-in restaurant in the Northwest quadrant of S. Park St. and U.S. 50 (E. Tipton St.) shall be constructed in 2 stages (1/2 at a time).
 - 6- This segment may be under construction at the same time as the intersection of U.S. 50 (E. Tipton St.) and S. O'Brien St. See Special Provisions.

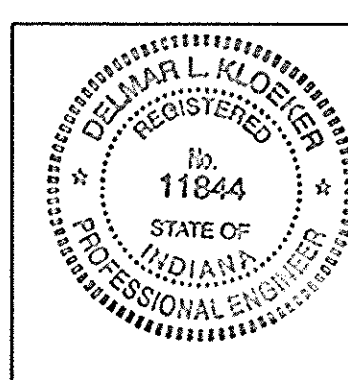
**Estimate of Quantities
Segment II - Phase I**

- 2 Each Flashing Arrow Sign (3 Weeks)
- 75 Each Drums (Not a Pay Item)
- 5 Each Type III-A Barricades
- 1200 Lft. 4" White Edge Line
- 1200 Lft. 4" Solid Yellow Line
- 320 Lft. 4" Broken Yellow Line
- 10 Each Temporary Pavement Message, Removable, Lane Indication Arrow
- 23 Each Construction Sign, Type 'A'

LEGEND

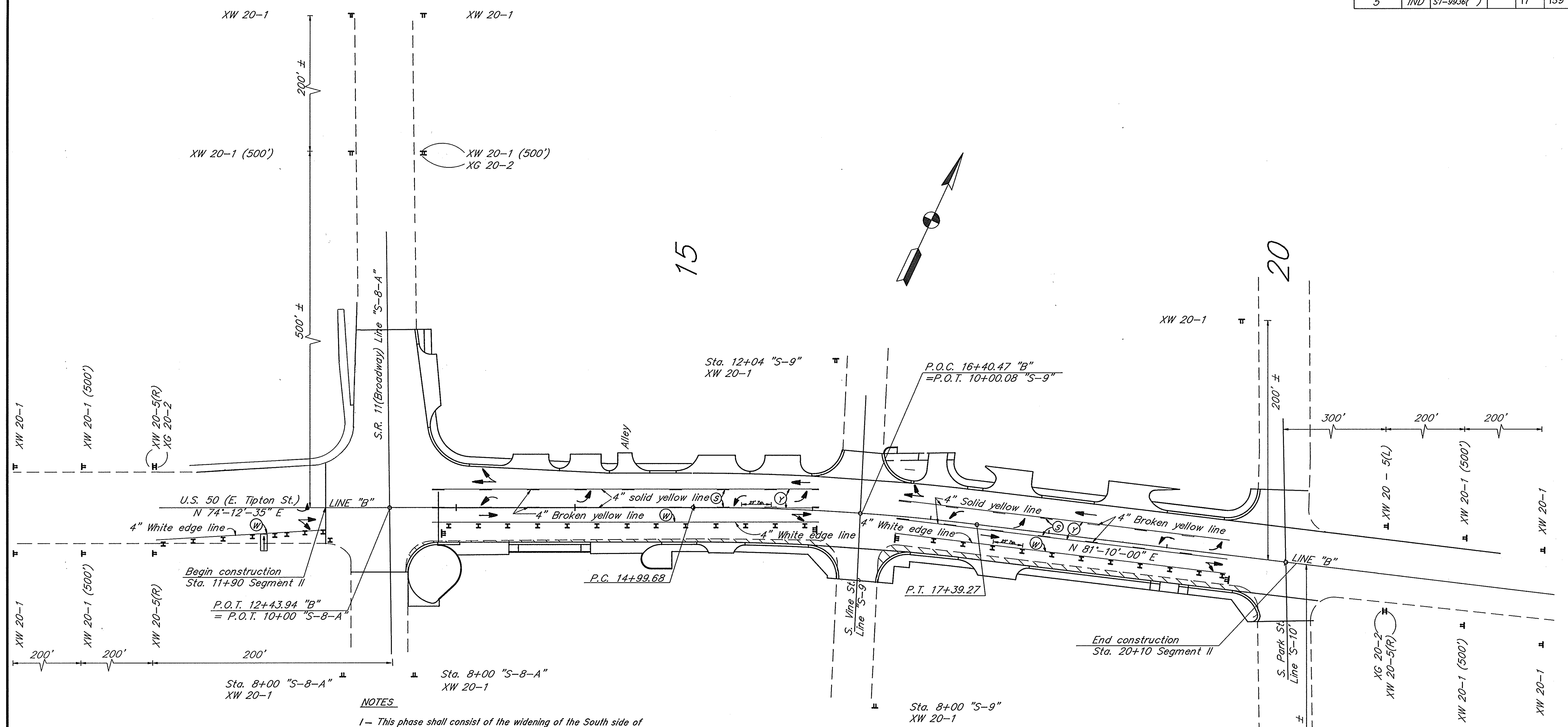
⊠	Construction Sign, Type 'A' on Temporary Sign Support	Ⓜ	Temporary Pavement Markings, Removable, 4", White
⊠	Drums (Not a Pay Item)	Ⓨ	Temporary Pavement Markings, Removable, 4", Yellow
⊠	Type III-A Barricade		
⊠	Flashing Arrow Board Sign		
▨	Pavement Widening		
→	Lanes & Direction of Traffic		
---	Existing Pavement		
—	New Pavement		
Ⓢ	Temporary Pavement Markings, Removable, 4", Yellow, Broken		

MAINTENANCE OF TRAFFIC
SEGMENT II - PHASE I
DETAILS
SCALE: 1" = 40'
SHEET 1 of 1



R 24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	ST-9936()		17	159



- NOTES**
- 1 - This phase shall consist of the widening of the South side of U.S. 50 (E. Tipton St.) between S.R. 11 (Broadway) & S. Park St. The bituminous surface and the thermoplastic pavement markings shall also be placed for the entire width.
 - 2 - All temporary pavement markings between S.R. 11 (Broadway) and S. Park St. shall be removed.
 - 3 - All pavement markings placed for construction in this phase shall be Temporary Pavement Markings.
 - 4 - Access from U.S. 50 to the mini-mart in the Southeast quadrant of U.S. 50 (E. Tipton St.) and Broadway shall be maintained at all times by keeping open one of the two new drives.
 - 5 - All properties served by only one drive shall be provided with access at all times. If a property has two or more drives, one drive shall be usable (open) at all times.
 - 6 - This segment may be under construction at the same time as the intersection of U.S. 50 (E. Tipton St.) and S. O'Brien St. See Special Provisions.

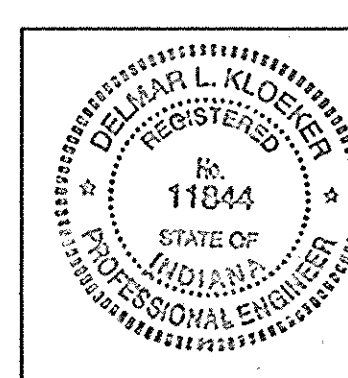
**Estimate of Quantities
Segment II - Phase II**

- 2 Each Flashing Arrow Sign (2 weeks)
- 75 Each Drums (Not a Pay Item)
- 4 Each Type III-A Barricades
- 600 Lft. 4" White Edge Line
- 1400 Lft. 4" Solid Yellow Line
- 340 Lft. 4" Broken Yellow Line
- 8 Each Temporary Pavement Message, Removable, Lane Indication Arrow
- 8 Each Construction Sign, Type 'A'

LEGEND

⊠	Construction Sign, Type 'A' on Temporary Sign Support	⓪	Temporary Pavement Markings, Removable, 4", White
⊠	Drums (Not a Pay Item)	⓪	Temporary Pavement Markings, Removable, 4", Yellow
⊠	Type III-A Barricade		
⊠	Flashing Arrow Sign		
⊠	Pavement Widening		
→	Lanes & Direction of Traffic		
---	Existing Pavement		
—	New Pavement		
⓪	Temporary Pavement Markings, Removable, 4", Yellow, Broken		

MAINTENANCE OF TRAFFIC
SEGMENT II - PHASE II
DETAILS
SCALE: 1" = 40'
SHEET 1 of 1

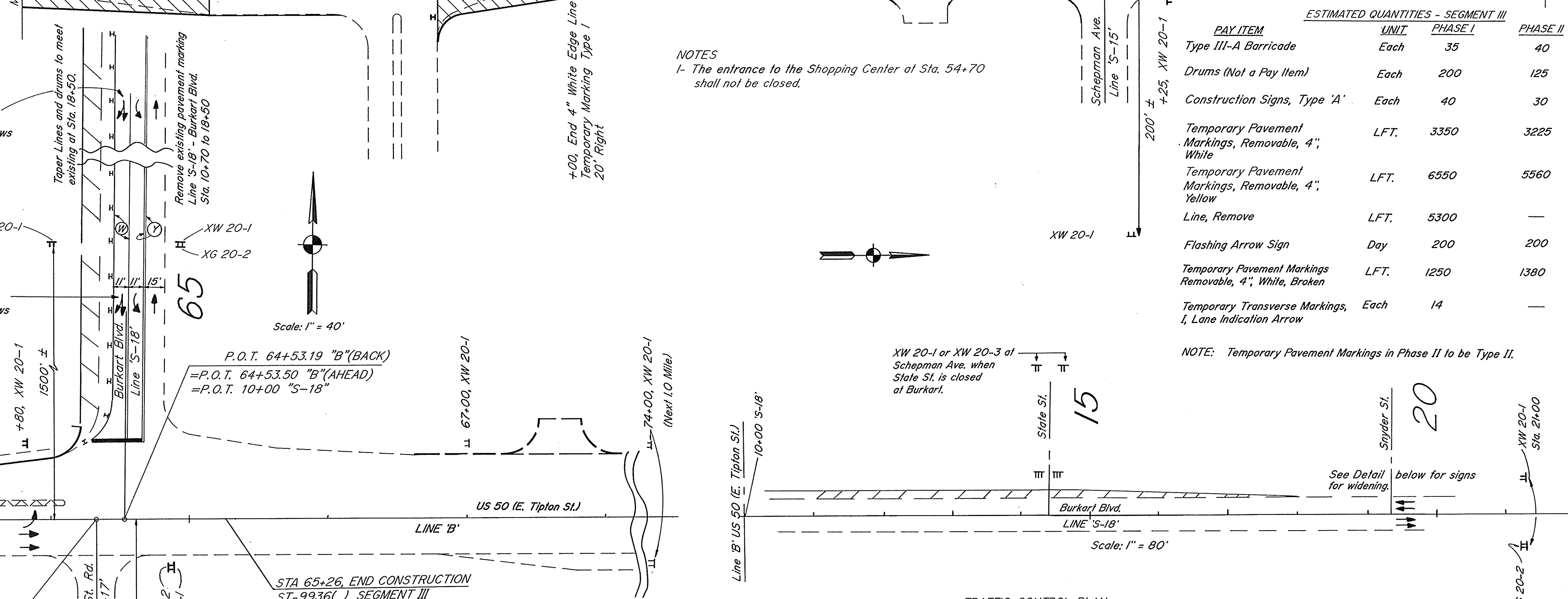
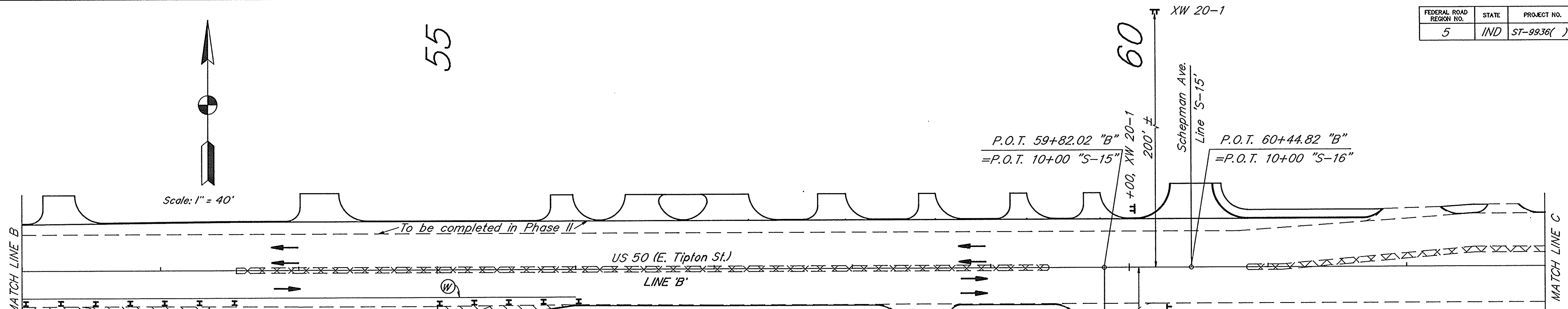


R.24846

Scale: 1" = 40'

Scale: 1" = 40'

Scale: 1" = 80'



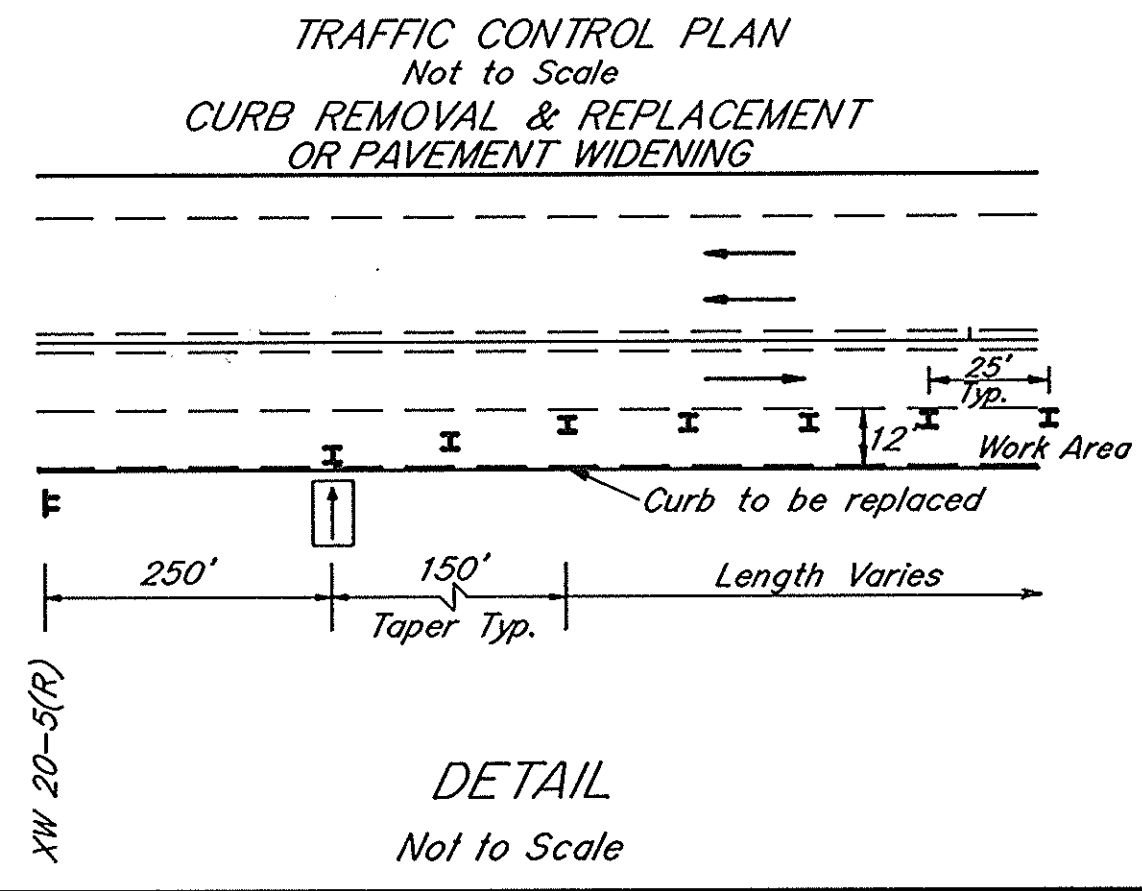
NOTES
1- The entrance to the Shopping Center at Sta. 54+70 shall not be closed.

PAY ITEM	UNIT	ESTIMATED QUANTITIES - SEGMENT III		TOTAL
		PHASE I	PHASE II	
Type III-A Barricade	Each	35	40	75
Drums (Not a Pay Item)	Each	200	125	375
Construction Signs, Type 'A'	Each	40	30	70
Temporary Pavement Markings, Removable, 4", White	LFT.	3350	3225	—
Temporary Pavement Markings, Removable, 4", Yellow	LFT.	6550	5560	—
Line, Remove	LFT.	5300	—	5300
Flashing Arrow Sign	Day	200	200	400
Temporary Pavement Markings Removable, 4", White, Broken	LFT.	1250	1380	—
Temporary Transverse Markings, I, Lane Indication Arrow	Each	14	—	14

NOTE: Temporary Pavement Markings in Phase II to be Type II.

LEGEND

- ⊞ Construction Sign, Type 'A'
- I Drums (Not a Pay Item)
- ⊞ Type III-A Barricade
- ▨ Pavement Widening
- ▣ Pavement Removal
- Lanes & Direction of Traffic
- Existing Pavement
- New Pavement
- ⊞ Flashing Arrow Sign
- ⊞ Temporary Pavement Markings, Removable, 4", White
- ⊞ Temporary Pavement Markings, Removable, 4", Yellow



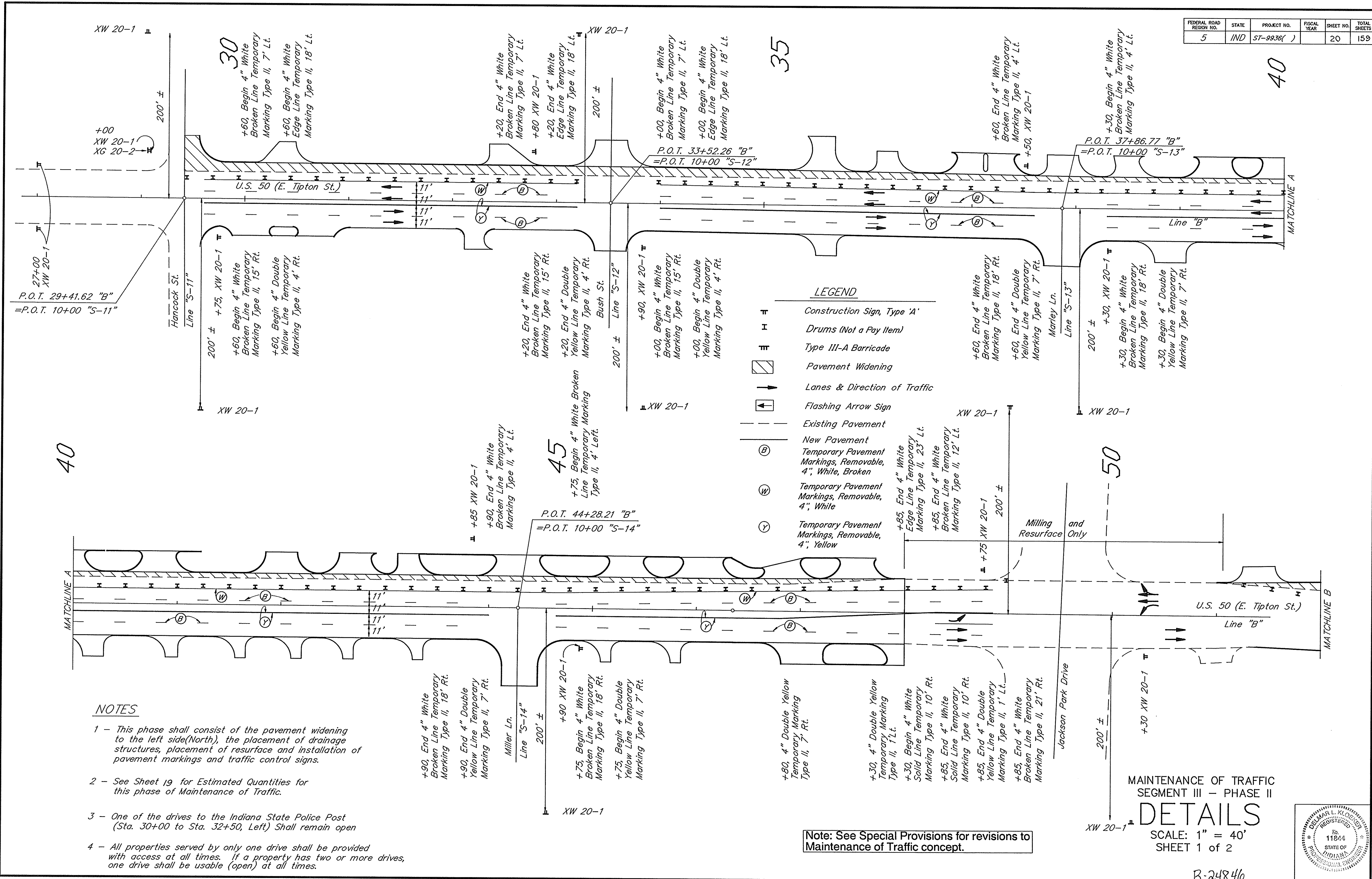
Note: See Special Provisions for revisions to Maintenance of Traffic concept.

MAINTENANCE OF TRAFFIC
SEGMENT III - PHASE I
DETAILS
SCALE: As Shown
SHEET 2 of 2



B-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	ST-9936()		20	159



LEGEND

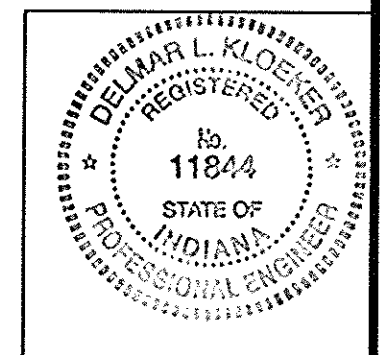
- Construction Sign, Type 'A'
- Drums (Not a Pay Item)
- Type III-A Barricade
- Pavement Widening
- Lanes & Direction of Traffic
- Flashing Arrow Sign
- Existing Pavement
- New Pavement
- Temporary Pavement Markings, Removable, 4", White, Broken
- Temporary Pavement Markings, Removable, 4", White
- Temporary Pavement Markings, Removable, 4", Yellow

NOTES

- 1 - This phase shall consist of the pavement widening to the left side(North), the placement of drainage structures, placement of resurface and installation of pavement markings and traffic control signs.
- 2 - See Sheet 19 for Estimated Quantities for this phase of Maintenance of Traffic.
- 3 - One of the drives to the Indiana State Police Post (Sta. 30+00 to Sta. 32+50, Left) Shall remain open
- 4 - All properties served by only one drive shall be provided with access at all times. If a property has two or more drives, one drive shall be usable (open) at all times.

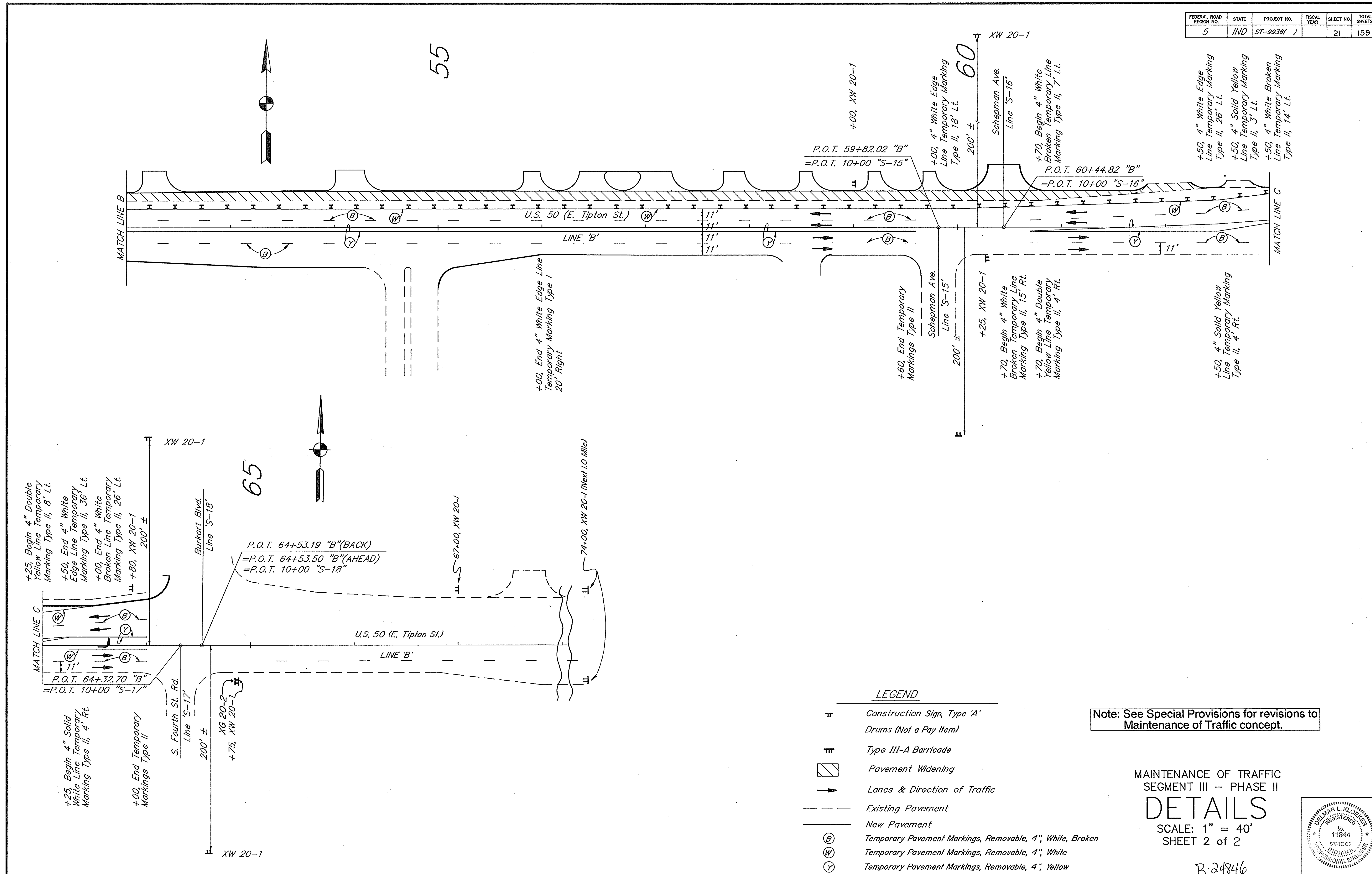
Note: See Special Provisions for revisions to Maintenance of Traffic concept.

MAINTENANCE OF TRAFFIC
SEGMENT III - PHASE II
DETAILS
SCALE: 1" = 40'
SHEET 1 of 2



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FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND	ST-9936()		21	159



+25, Begin 4" Double Yellow Line Temporary Marking Type II, 8' Lt.
+50, End 4" White Edge Line Temporary Marking Type II, 36' Lt.
+00, End 4" White Broken Line Temporary Marking Type II, 26' Lt.
+80, XW 20-1 200' ±

+25, Begin 4" Solid White Line Temporary Marking Type II, 4' Rt.
+00, End Temporary Markings Type II

S. Fourth St. Rd. Line 'S-17' 200' ±

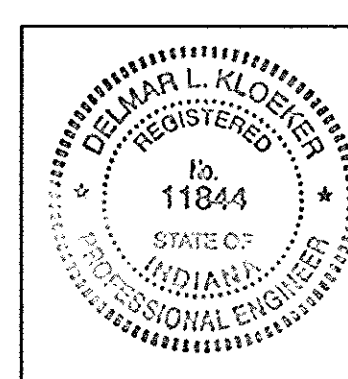
XW 20-2
+75, XW 20-1

P.O.T. 64+53.19 "B"(BACK)
=P.O.T. 64+53.50 "B"(AHEAD)
=P.O.T. 10+00 "S-18"

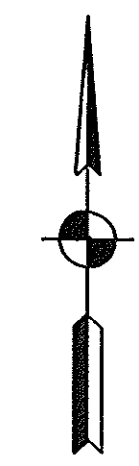
- LEGEND**
- ⊠ Construction Sign, Type 'A' Drums (Not a Pay Item)
 - ⊠ Type III-A Barricade
 - ▨ Pavement Widening
 - Lanes & Direction of Traffic
 - Existing Pavement
 - New Pavement
 - ⊙ Temporary Pavement Markings, Removable, 4", White, Broken
 - ⊙ Temporary Pavement Markings, Removable, 4", White
 - ⊙ Temporary Pavement Markings, Removable, 4", Yellow

Note: See Special Provisions for revisions to Maintenance of Traffic concept.

MAINTENANCE OF TRAFFIC
SEGMENT III - PHASE II
DETAILS
SCALE: 1" = 40'
SHEET 2 of 2



R.24846

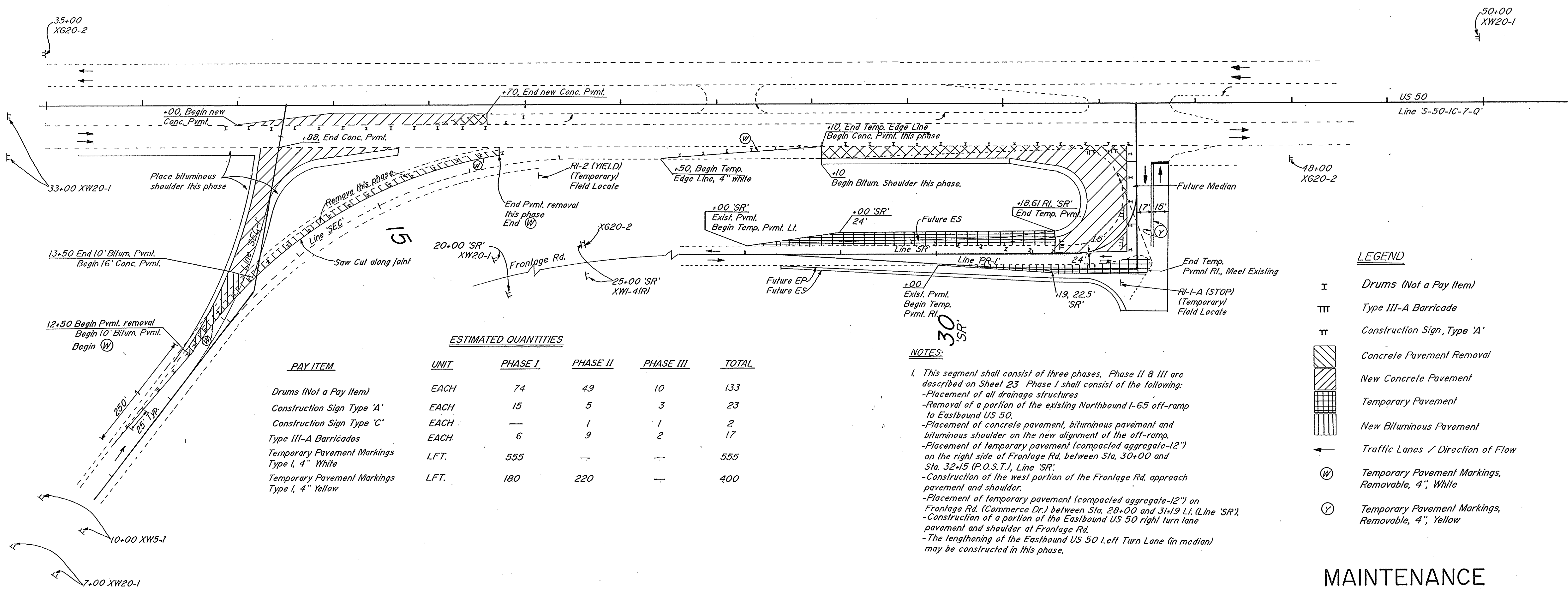


35

40

45

50



ESTIMATED QUANTITIES

PAY ITEM	UNIT	PHASE I	PHASE II	PHASE III	TOTAL
Drums (Not a Pay Item)	EACH	74	49	10	133
Construction Sign Type 'A'	EACH	15	5	3	23
Construction Sign Type 'C'	EACH	—	1	1	2
Type III-A Barricades	EACH	6	9	2	17
Temporary Pavement Markings Type I, 4" White	LFT.	555	—	—	555
Temporary Pavement Markings Type I, 4" Yellow	LFT.	180	220	—	400

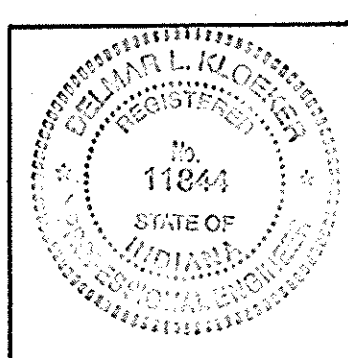
NOTES:

- This segment shall consist of three phases. Phase II & III are described on Sheet 23. Phase I shall consist of the following:
 - Placement of all drainage structures
 - Removal of a portion of the existing Northbound I-65 off-ramp to Eastbound US 50.
 - Placement of concrete pavement, bituminous pavement and bituminous shoulder on the new alignment of the off-ramp.
 - Placement of temporary pavement (compacted aggregate-12") on the right side of Frontage Rd. between Sta. 30+00 and Sta. 32+15 (P.O.S.T.), Line 'SR'.
 - Construction of the west portion of the Frontage Rd. approach pavement and shoulder.
 - Placement of temporary pavement (compacted aggregate-12") on Frontage Rd. (Commerce Dr.) between Sta. 28+00 and 31+19 L.L. (Line 'SR').
 - Construction of a portion of the Eastbound US 50 right turn lane pavement and shoulder at Frontage Rd.
 - The lengthening of the Eastbound US 50 Left Turn Lane (in median) may be constructed in this phase.

LEGEND

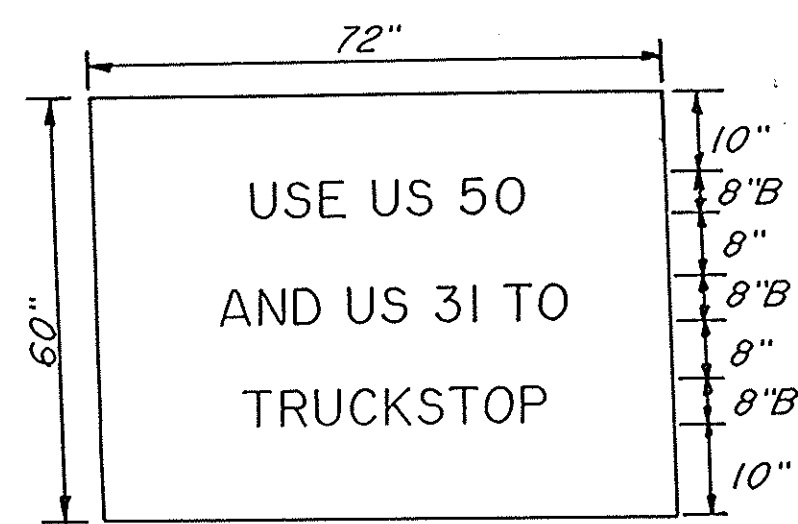
- I Drums (Not a Pay Item)
- III Type III-A Barricade
- II Construction Sign, Type 'A'
- [Hatched Box] Concrete Pavement Removal
- [Cross-hatched Box] New Concrete Pavement
- [Grid Box] Temporary Pavement
- [Diagonal Lines Box] New Bituminous Pavement
- [Arrow] Traffic Lanes / Direction of Flow
- (W) Temporary Pavement Markings, Removable, 4", White
- (Y) Temporary Pavement Markings, Removable, 4", Yellow

MAINTENANCE OF TRAFFIC DETAILS
 SCALE: 1"=50'
 SEGMENT IV - PHASE I
 Sheet 1 of 2

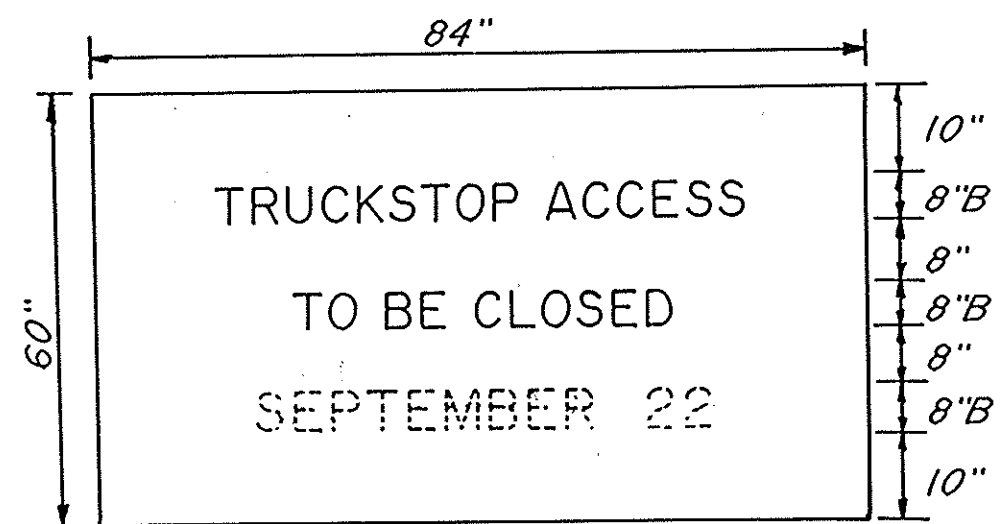


R-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		23	159

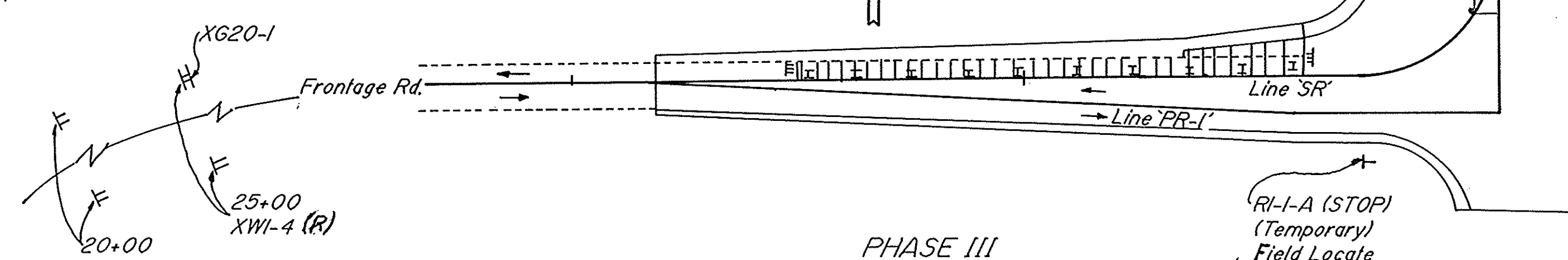
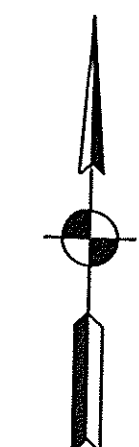


MT-1

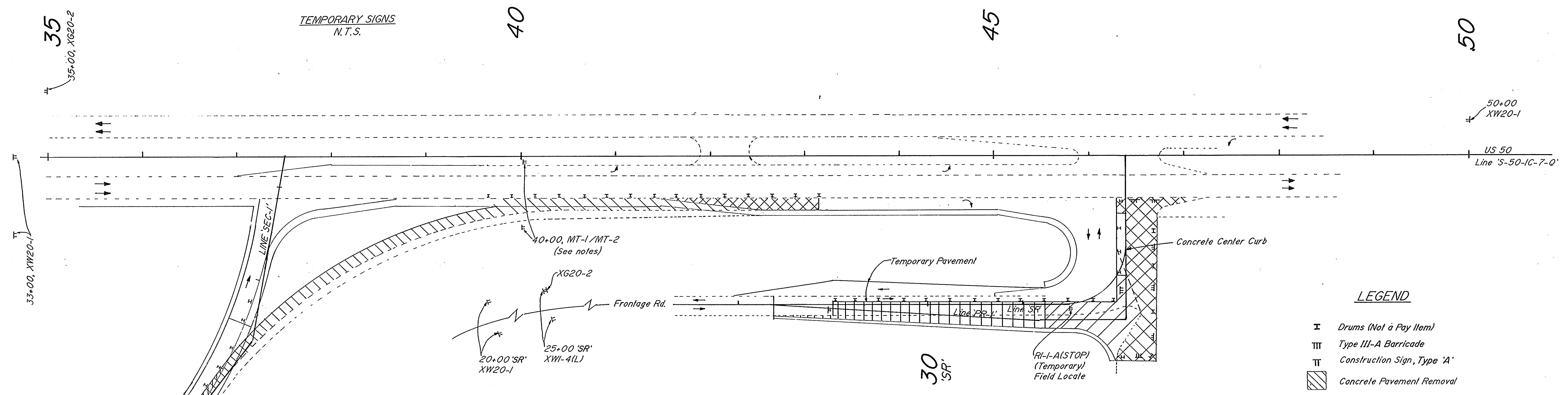


MT-2

TEMPORARY SIGNS
N.T.S.



PHASE III



LEGEND

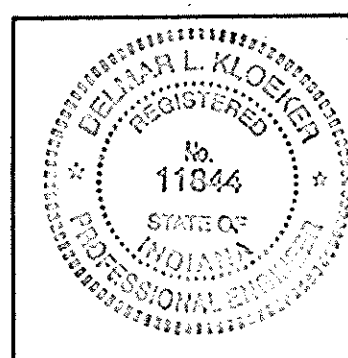
- I Drums (Not a Pay Item)
- III Type III-A Barricade
- T Construction Sign, Type 'A'
- [Hatched Box] Concrete Pavement Removal
- [Diagonal Hatched Box] New Concrete Pavement
- [Vertical Hatched Box] New Bituminous Pavement
- [Arrow] Traffic Lanes / Direction of Flow
- (Y) Temporary Pavement Markings, Removable, 4", Yellow

NOTES:

1. See Sheet 22 for Estimated Quantities for Maintenance of Traffic.
2. Phase II shall consist of the following:
 - Removal of the remaining portion of the existing Northbound I-65 off-ramp pavement to Eastbound US 50.
 - Placement of the remaining portion of the bituminous pavement and shoulder on the new alignment of the off-ramp.
 - Placement of the remaining portion of the concrete pavement and shoulder for the Eastbound US 50 right turn lane at Frontage Road.
 - Removal of temporary pavement (Compacted Aggregate) on the right side of Frontage Road between Sta. 30+00 and Sta. 32+15 (P.O.S.T.).
 - Removal of a portion of the existing Frontage Rd. bituminous pavement from Sta. 28+92 to Sta. 31+19 (Line 'SR').
 - Placement of the shoulder and a portion of the bituminous pavement on Frontage Rd. between Sta. 28+92 and Sta. 31+19 Rt. (Line 'SR').
 - Removal of the east portion of the Frontage Road approach pavement (mostly concrete).
 - Placement of the concrete pavement on the East Portion of the Frontage Road approach. Closure of this approach shall not exceed seven (7) days.
 - Placement of the Concrete Center Curb on the Frontage Road approach.
3. The temporary sign MT-2 shall be placed 30 days prior to closing the US 50 access to the truckstop. At the time of closure of the US 50 access to the truckstop, the temporary sign MT-2 shall be replaced by the temporary sign MT-1.
4. Phase III shall consist of the following:
 - Removal of the temporary pavement on Frontage Road between Sta. 28+00 and Sta. 31+19 Lt. (Line 'SR').
 - Removal of the remaining bituminous pavement on Frontage Road between Sta. 28+92 and Sta. 31+19 (Line 'SR').
 - Placement of the remaining bituminous pavement on Frontage Road between Sta. 28+92 and Sta. 31+19 (Line 'SR').
 - Placement of shoulder between Sta. 28+00 and Sta. 31+19 Lt. (Line 'SR').
 - Placement of Traffic Signs and Pavement Markings.

MAINTENANCE
OF TRAFFIC
DETAILS

SCALE: 1"=50'
SEGMENT IV - PHASES II & III
Sheet 2 of 2



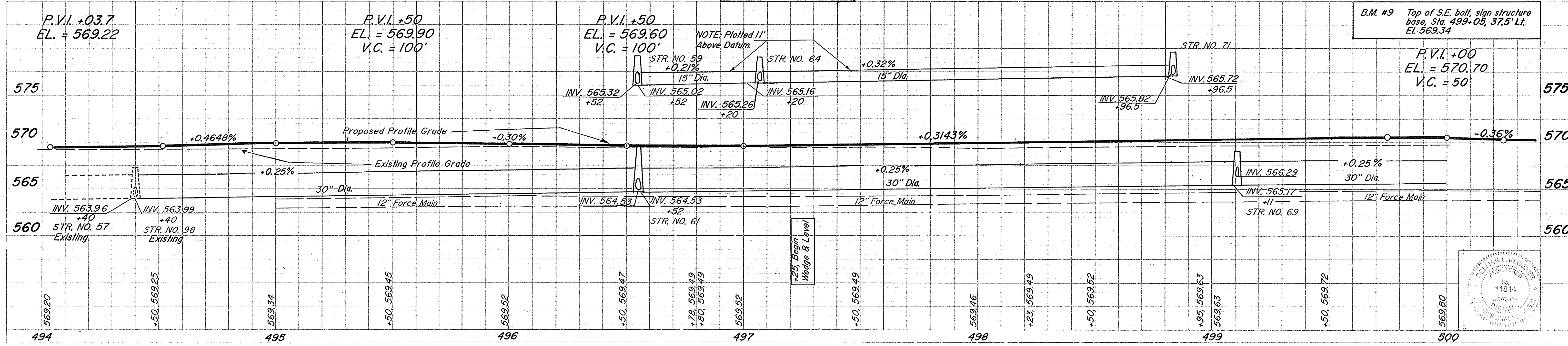
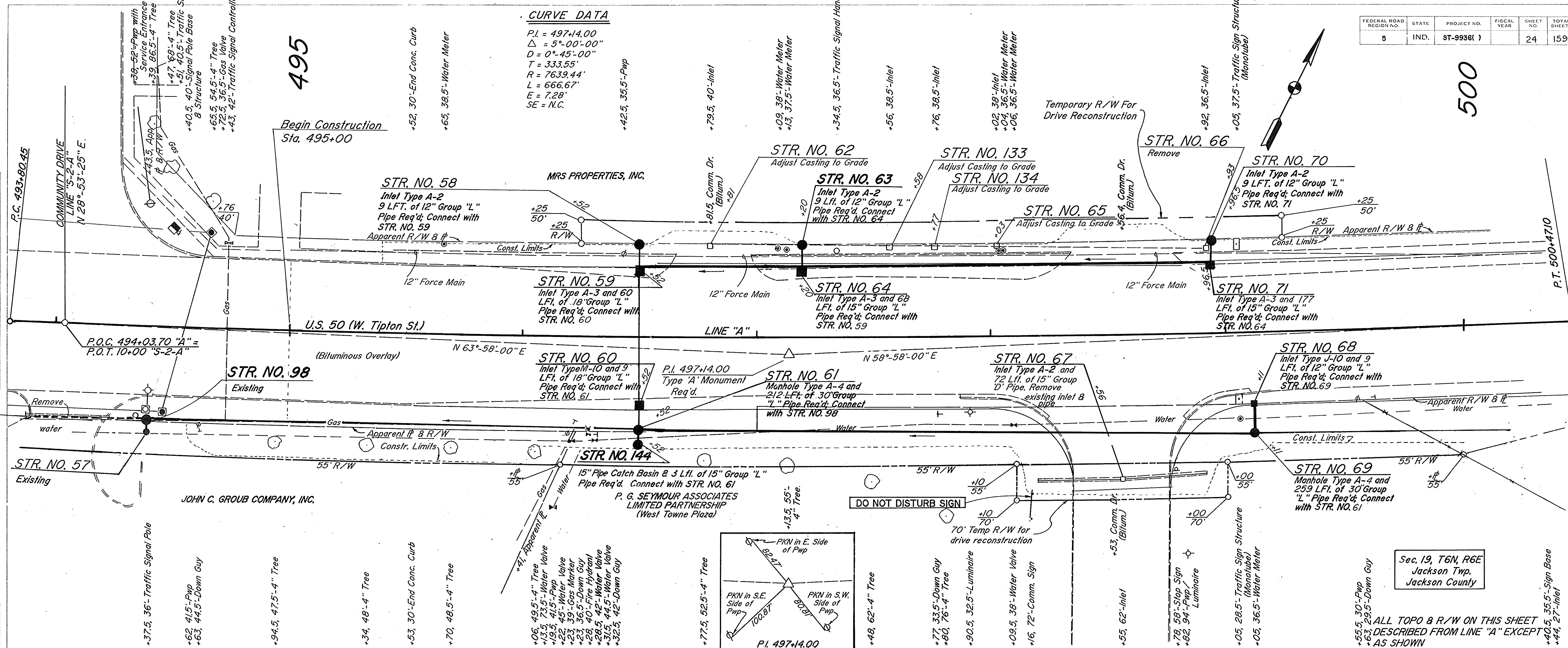
R-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936(1)		24	159

CURVE DATA
 P.I. = 497+14.00
 Δ = 5°-00'-00"
 D = 0°-45'-00"
 T = 333.55'
 R = 7639.44'
 L = 666.67'
 E = 7.28'
 SE = N.C.

PLAN
 SUPERVISOR: Bateman, Engineering II-90
 TRAFFIC ENGR.: Traffic Engr. Studios II-90
 CHECKED: [Blank]
 DATE: [Blank]

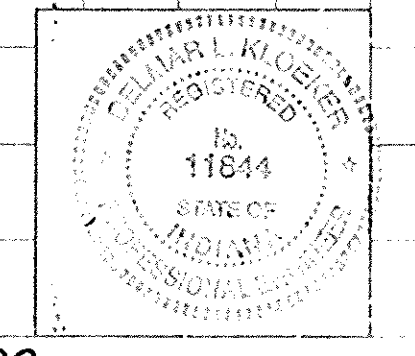
PROFILE
 SUPERVISOR: Traffic Engr. Studios II-90
 TRAFFIC ENGR.: Traffic Engr. Studios II-90
 CHECKED: [Blank]
 DATE: [Blank]



ALL TOPO & R/W ON THIS SHEET DESCRIBED FROM LINE "A" EXCEPT AS SHOWN

B.M. #9 Top of S.E. boll, sign structure base, Sta. 499+05, 37.5' Lt. El. 569.34

P.V.I. +00
 EL. = 570.70
 V.C. = 50'



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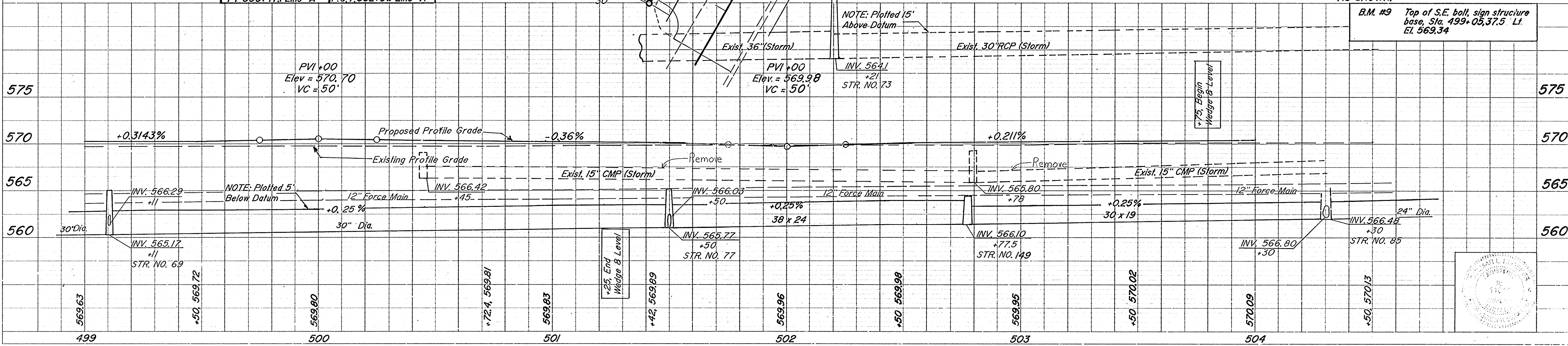
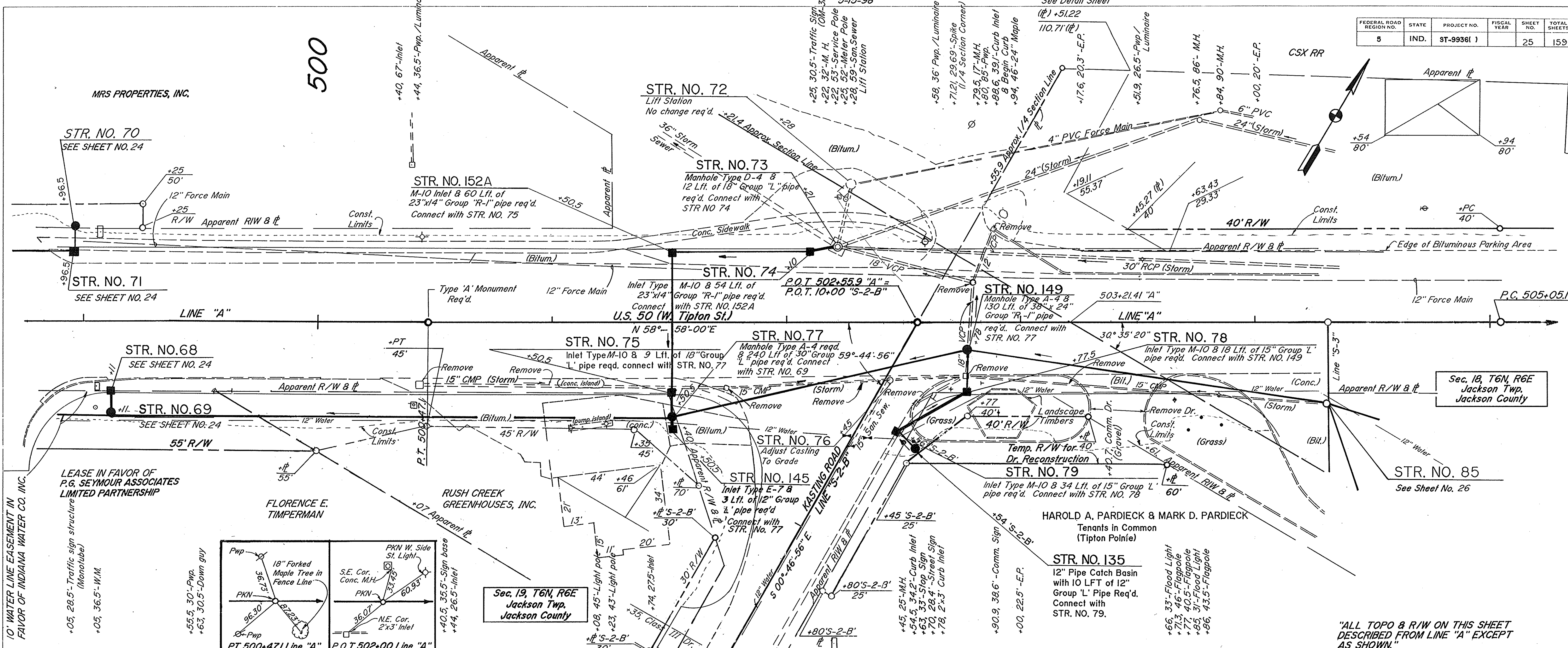
PROJECT NO.	LINE NO.	SHEET NO.	TOTAL SHEETS
ST-9936(1)	A	24	159

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936(1)		25	159

500

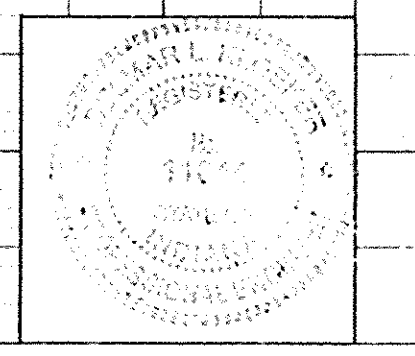
PLAN
 SURVEYED BY: Bateman Engineering 5-30
 PLOTTED BY: Traffic Engr. Studies 5-30
 CHECKED BY: Traffic Engr. Studies 5-30
 NOTE BOOK, ALIGNMENT CHECKED, SEWERING NOTATIONS CHECKED, RT. OF WAY CHECKED.

PROFILE
 SURVEYED BY: Traffic Engr. Studies 5-30
 PLOTTED BY: Traffic Engr. Studies 5-30
 CHECKED BY: Traffic Engr. Studies 5-30
 NOTE BOOK, GRADES CHECKED, SEWERING NOTATIONS CHECKED.



"ALL TOPO & R/W ON THIS SHEET DESCRIBED FROM LINE 'A' EXCEPT AS SHOWN."

B.M. #9 Top of S.E. boll, sign structure base, Sta. 499+05.375 Lt. El. 569.34



R-24846

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-9936(1)	A	25	159	

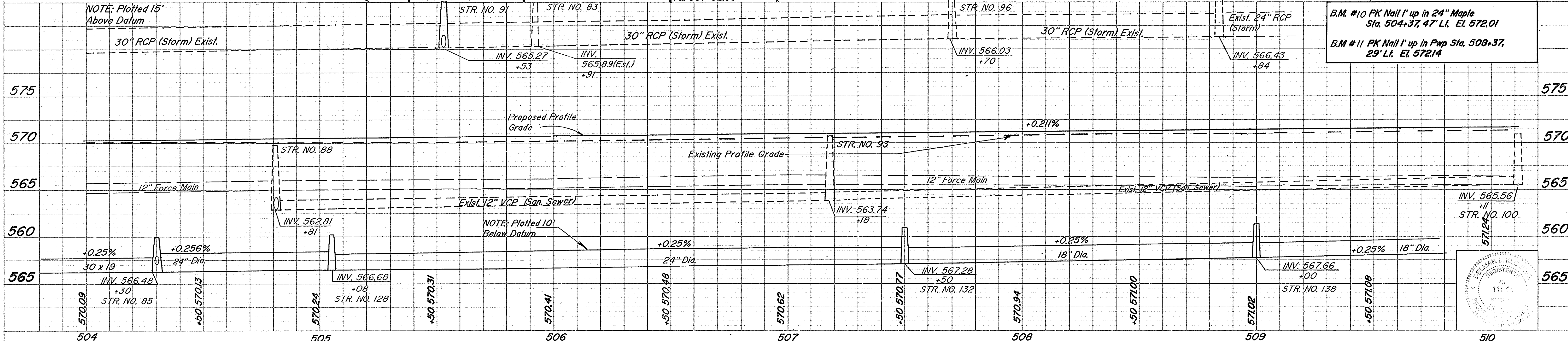
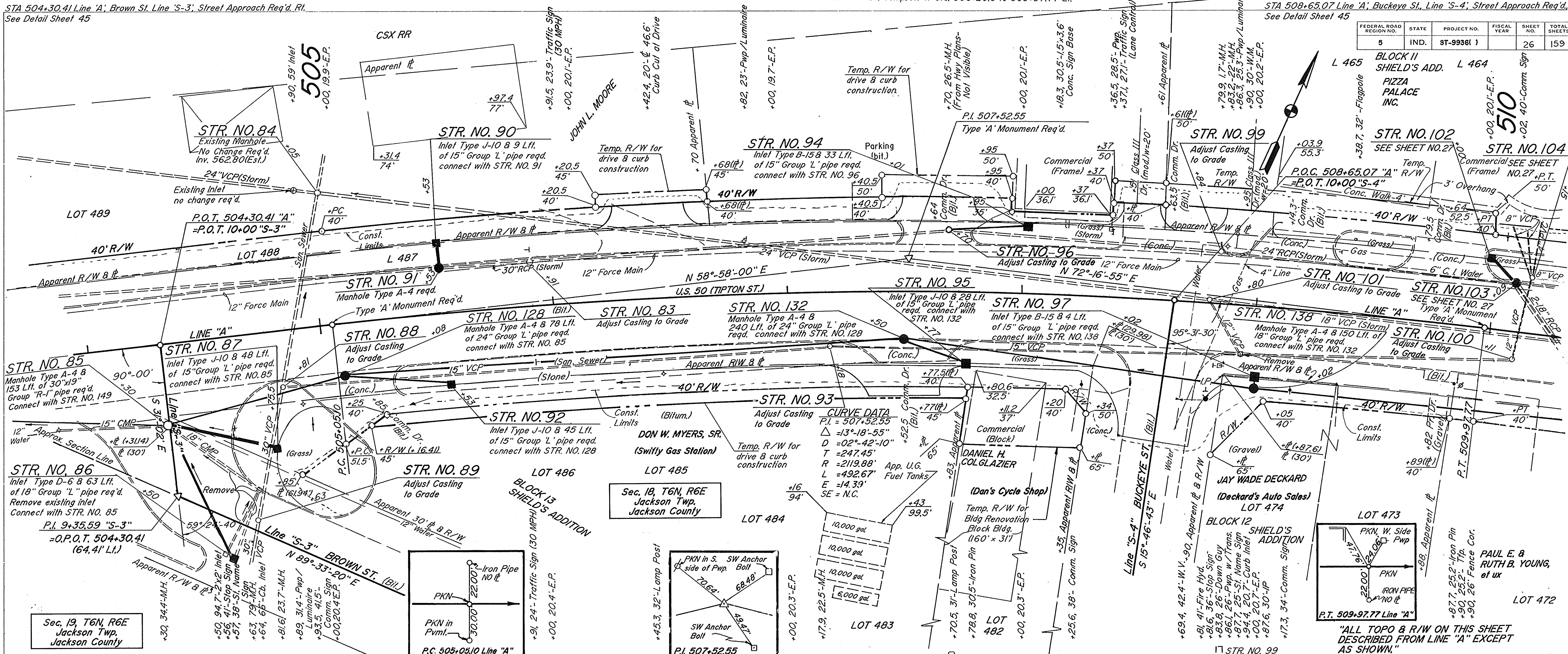
STA 504+30.41 Line 'A', Brown St. Line 'S-3', Street Approach Req'd. Rt. See Detail Sheet 45

STA 508+65.07 Line 'A', Buckeye St., Line 'S-4', Street Approach Req'd. Rt. See Detail Sheet 45

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936(1)		26	159

PLAN
 SURVEYED
 PLOTTED
 TRAFFIC ENGR. STUDIES 5-90
 NOTE BOOK ALIGNMENT CHECKED
 ST. OF WAY CHECKED
 NO.

PROFILE
 SURVEYED
 PLOTTED
 TRAFFIC ENGR. STUDIES 5-90
 NOTE BOOK GRADE CHECKED
 ST. OF WAY CHECKED
 NO.



"ALL TOPO & R/W ON THIS SHEET DESCRIBED FROM LINE 'A' EXCEPT AS SHOWN,"

B.M. #10 PK Nail 1' up in 24" Maple Sta. 504+37.47' LI. El. 572.01

B.M. #11 PK Nail 1' up in Pwp Sta. 508+37.29' LI. El. 572.14

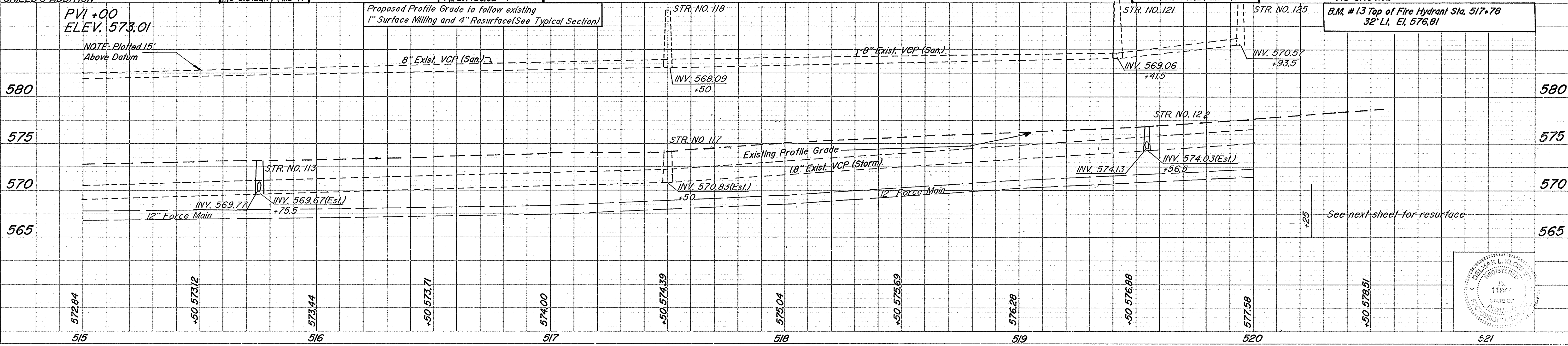
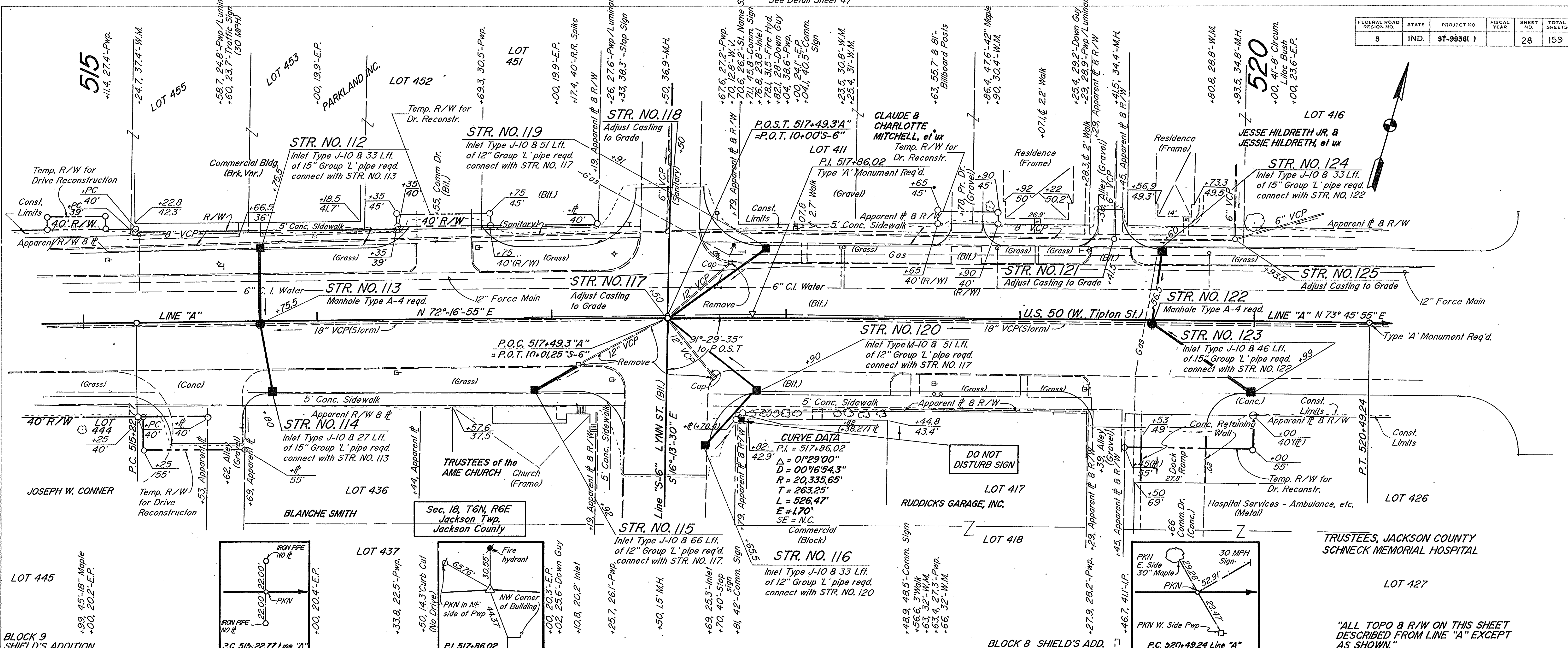
R-24846

PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-9936(1)	A	26	159	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		28	159

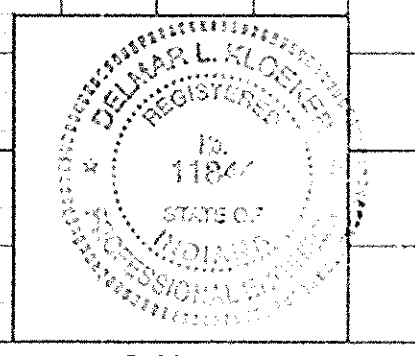
PLAN
 SURVEYED
 PLOTTED
 NOTE BOOK
 ALIGNED
 CHECKED
 BY
 DATE

PROFILE
 SURVEYED
 PLOTTED
 NOTE BOOK
 CHECKED
 BY
 DATE



"ALL TOPO & R/W ON THIS SHEET DESCRIBED FROM LINE 'A' EXCEPT AS SHOWN."

B.M. #13 Top of Fire Hydrant Sta. 517+78 32' Lt. El. 576.91



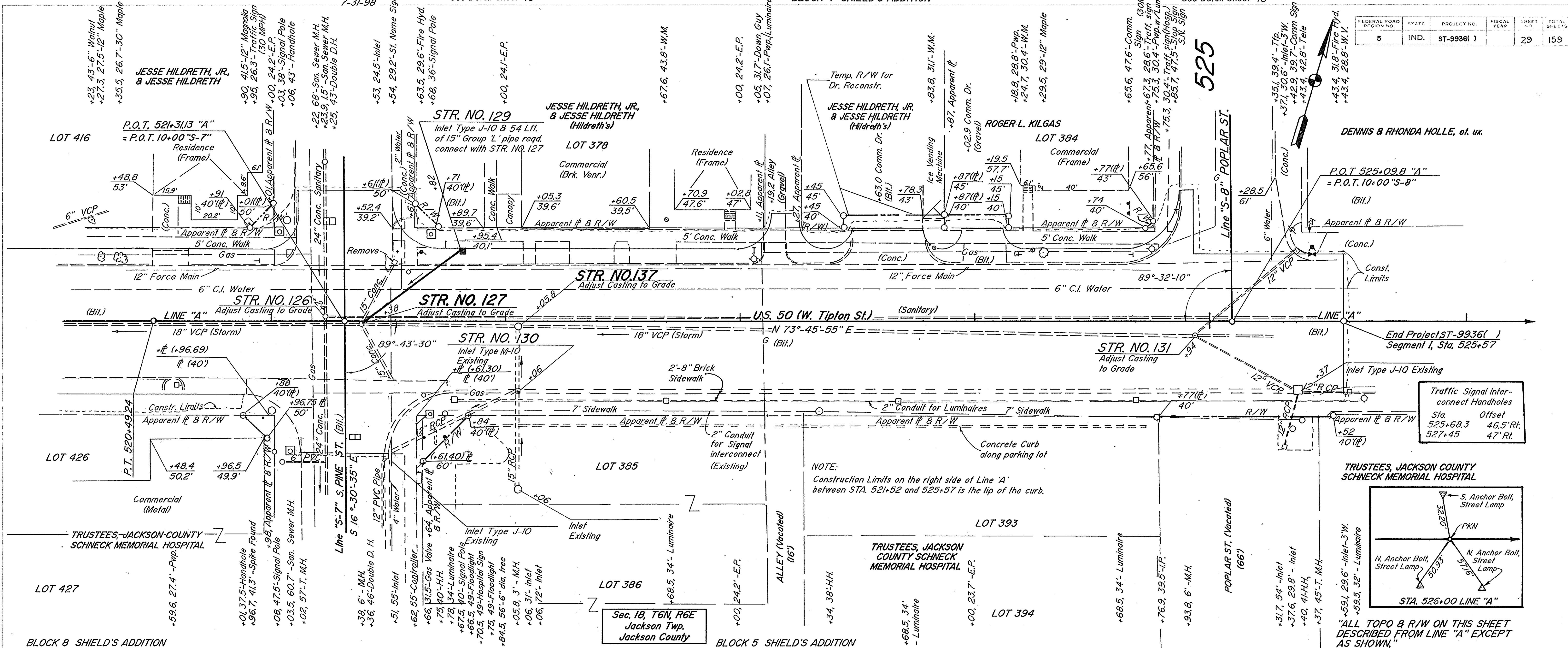
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-9936()	A	28	159	

R-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		29	159

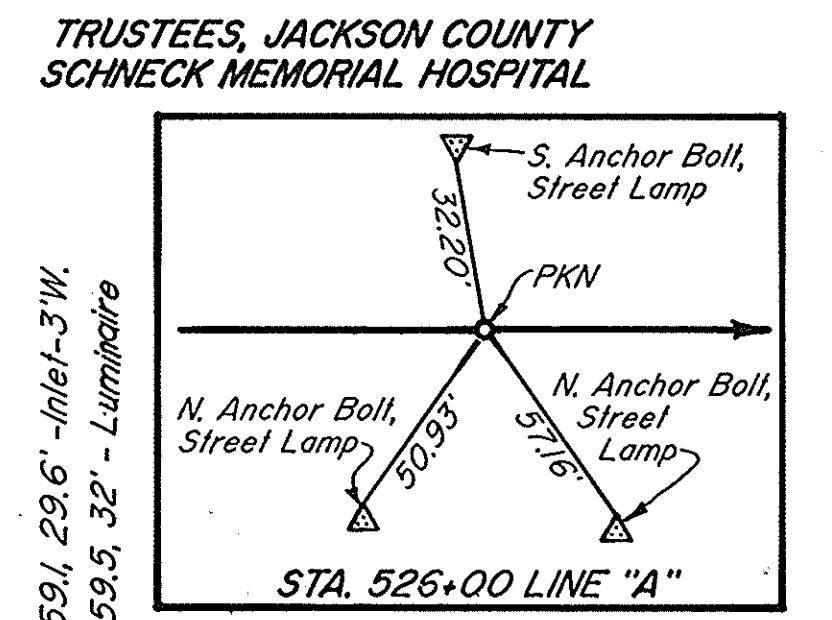
PLAN
 Traffic Eng. Studies 5-90
 Traffic Eng. Studies 9-90

PROFILE
 Traffic Eng. Studies 5-90
 Traffic Eng. Studies 9-90



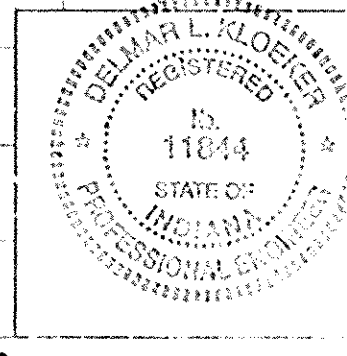
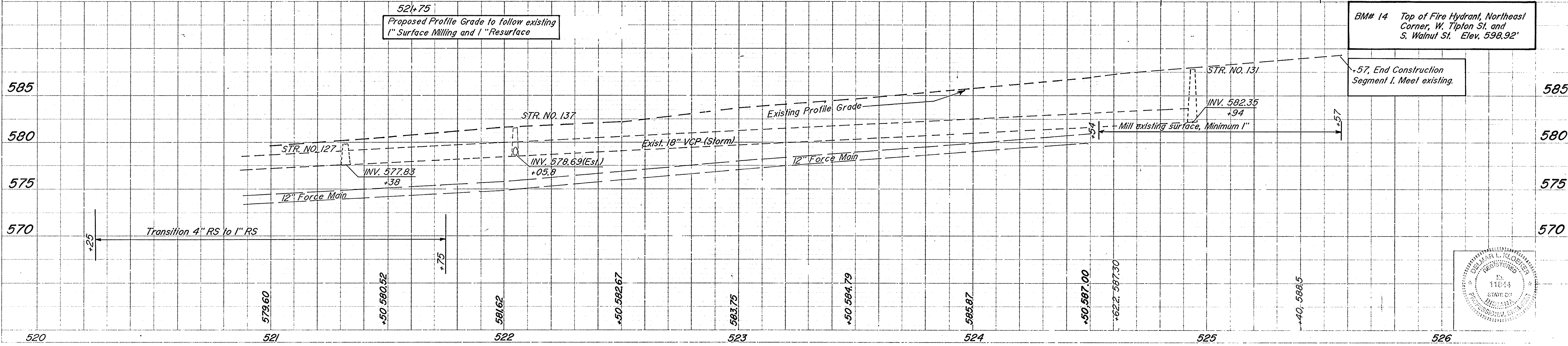
NOTE:
 Construction Limits on the right side of Line 'A' between STA. 521+52 and 525+57 is the lip of the curb.

Traffic Signal Interconnect Handholes
 Sta. 525+68.3 46.5' Rt.
 527+45 47' Rt.



"ALL TOPO & R/W ON THIS SHEET DESCRIBED FROM LINE 'A' EXCEPT AS SHOWN."

BM# 14 Top of Fire Hydrant, Northeast Corner, W. Tipton St. and S. Walnut St. Elev. 598.92'



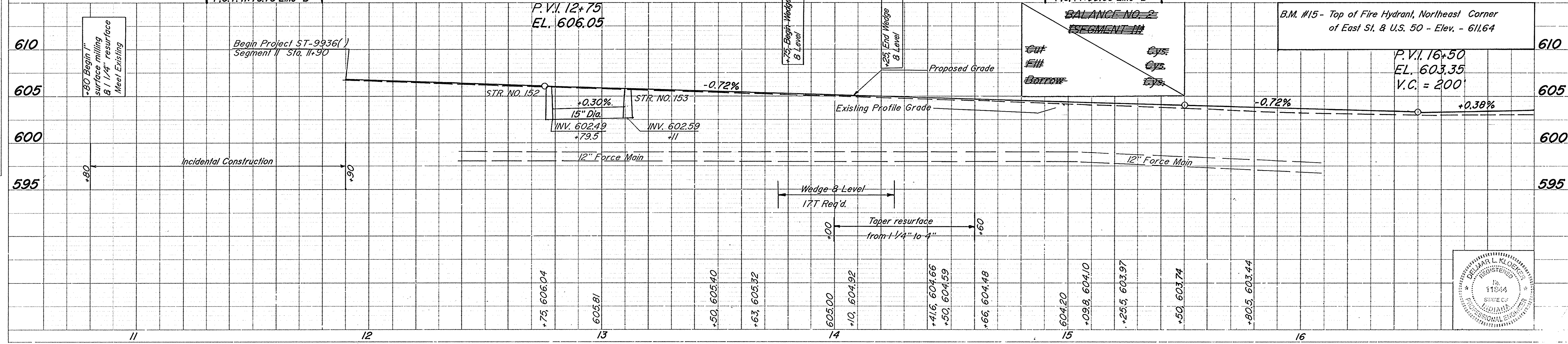
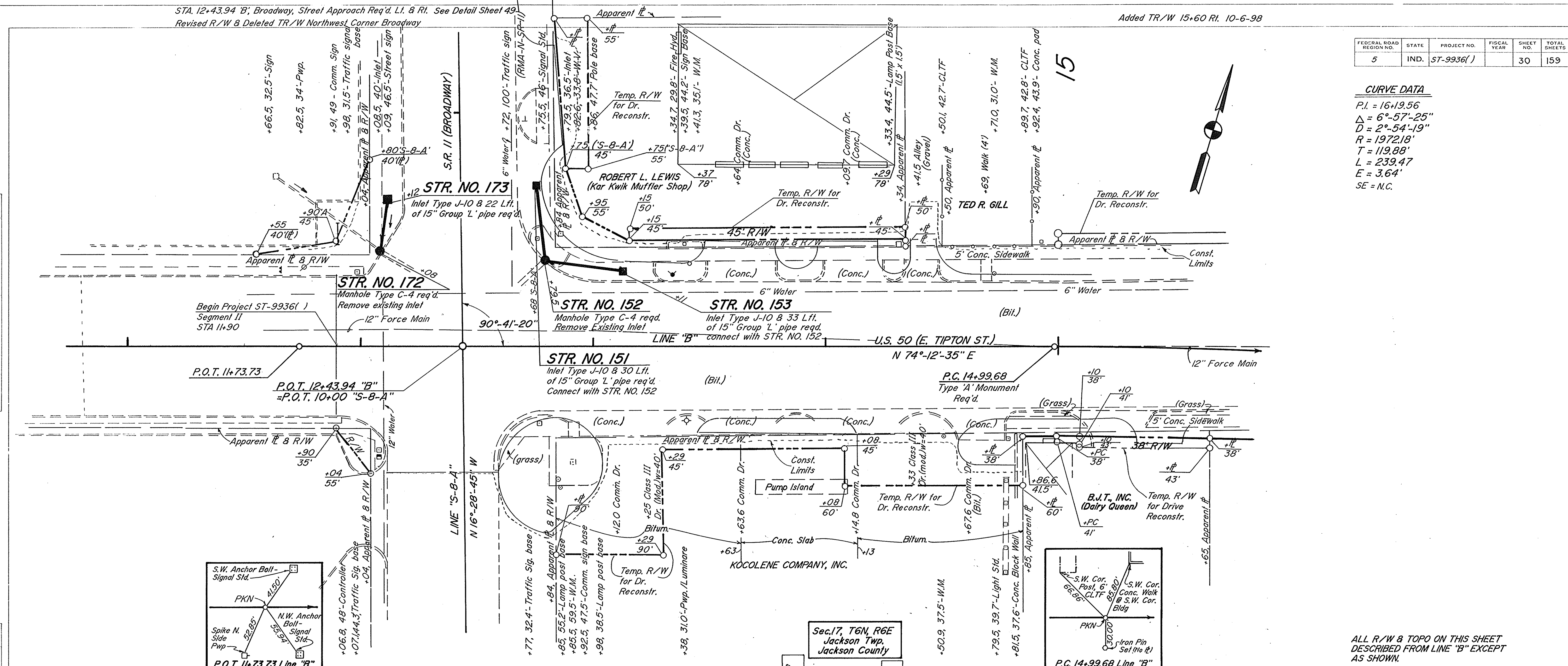
R.24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		30	159

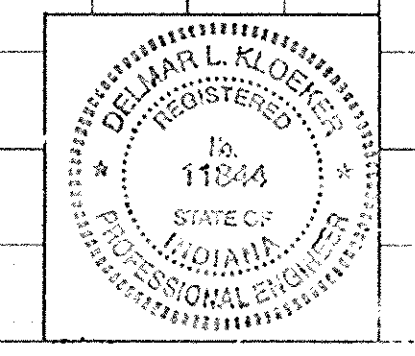
CURVE DATA
 P.I. = 16+19.56
 $\Delta = 6^{\circ}-57'-25''$
 $D = 2^{\circ}-54'-19''$
 $R = 1972.18'$
 $T = 119.88'$
 $L = 239.47'$
 $E = 3.64'$
 SE = N.C.

PLAN
 SURVEYED BY: **Baleman Eng. Co. Inc.**
 PLOTTED BY: **Traffic Eng. Studies Inc. 07/90**
 NOTE BOOK: **10-11-90**
 BY: **W. S. KOTZ**
 CHECKED BY: **R. J. WATSON**

PROFILE
 SURVEYED BY: **Traffic Eng. Studies Inc. 7/90**
 PLOTTED BY: **Traffic Eng. Studies Inc.**
 NOTE BOOK: **10-11-90**
 BY: **W. S. KOTZ**
 CHECKED BY: **R. J. WATSON**



ALL R/W & TOPO ON THIS SHEET DESCRIBED FROM LINE "B" EXCEPT AS SHOWN.



BY: **Palom Engineering, S-90**
 Traffic Eng. Studies 9-90
 SURVEYED, PLOTTED, CHECKED, NO. OF SHEETS, TOTAL SHEETS

BY: **Palom Engineering, S-90**
 Traffic Eng. Studies 9-90
 SURVEYED, PLOTTED, CHECKED, NO. OF SHEETS, TOTAL SHEETS

BY: **Palom Engineering, S-90**
 Traffic Eng. Studies 9-90
 SURVEYED, PLOTTED, CHECKED, NO. OF SHEETS, TOTAL SHEETS

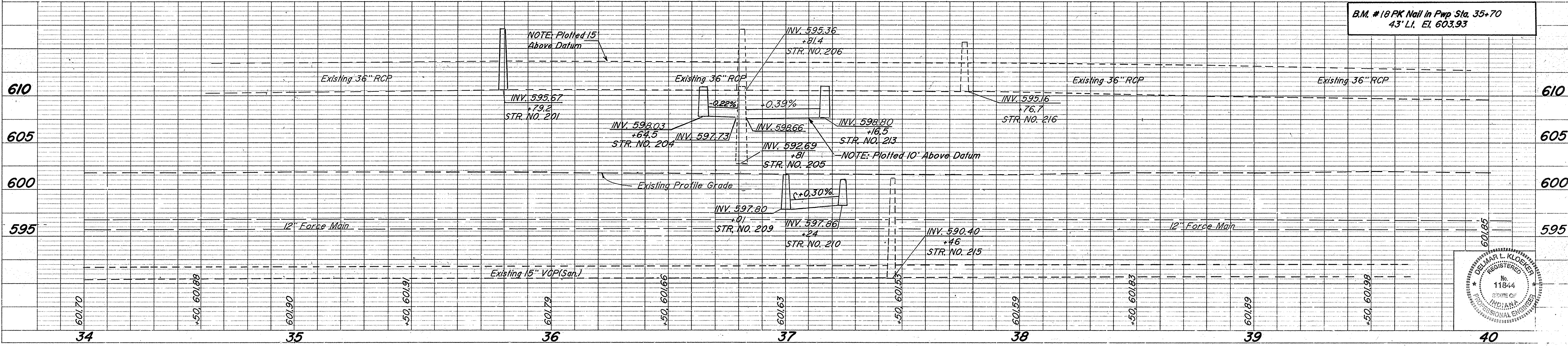
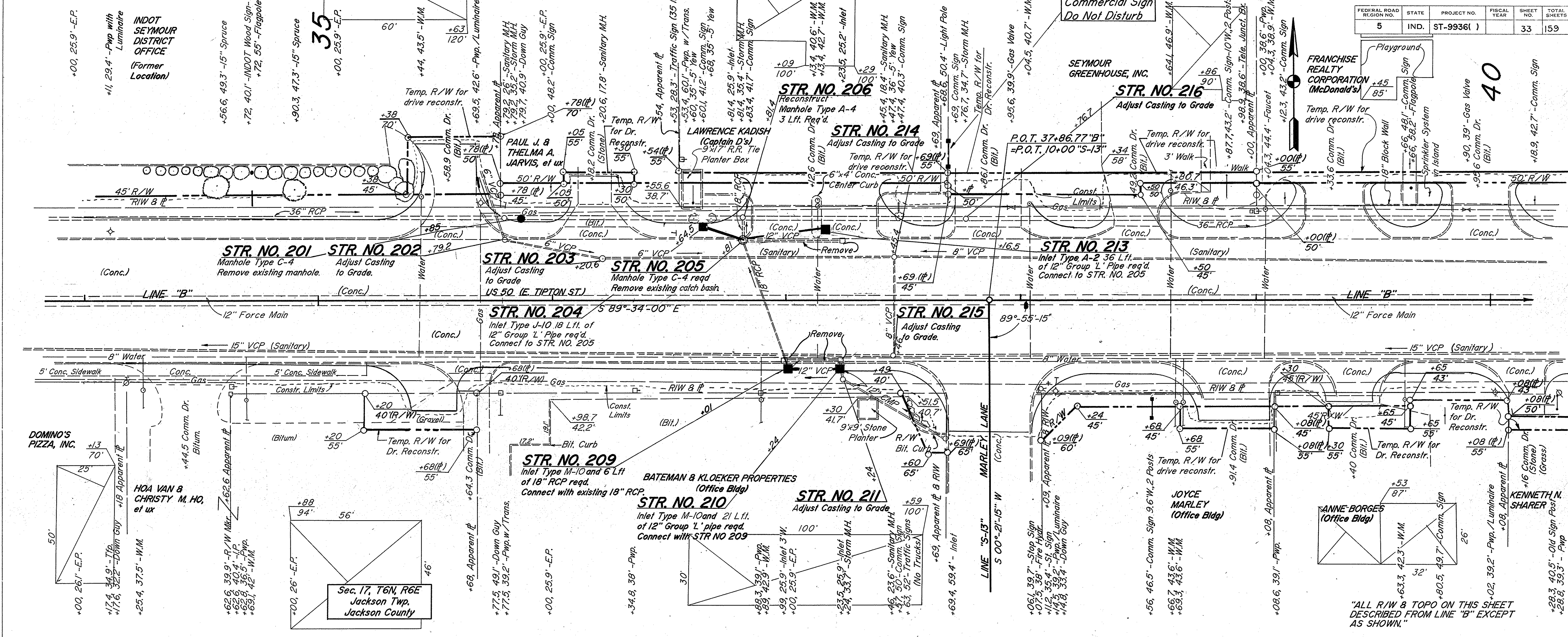
PROJECT NO. ST-9936(1)
 LINE B
 SHEET NO. 33
 TOTAL SHEETS 159

R/W Rev. Sta. 35+20 to 36+40 Rt. 9-24-94
 Elm. TR/W & Dr 36+16 Rt. 6-29-98

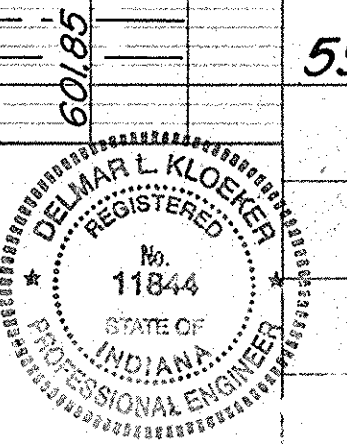
STA. 37+86.77 Line 'B', Marley Ln., Street Approach Req'd Rt.
 See Detail Sheet 52 R/W Rev. Sta. 37+69 to 38+50 Lt. 11-6-98

R/W Rev. Sta. 39+65 to 40+08 Rt. 9-24-94

FEDERAL ROAD DISTRICT NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936(1)		33	159



B.M. #18 PK Nail in Pwp Sta. 35+70
 43' Lt. El. 603.93

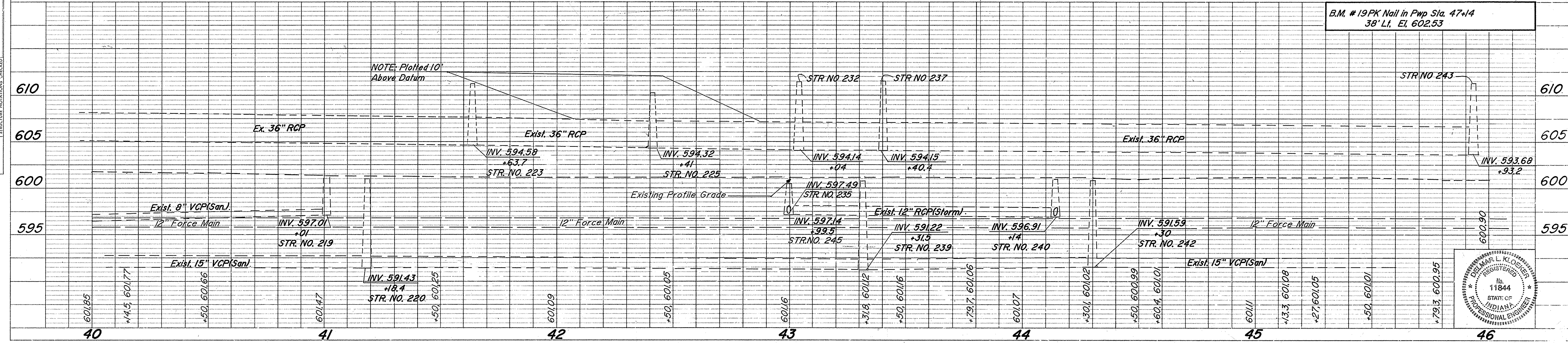
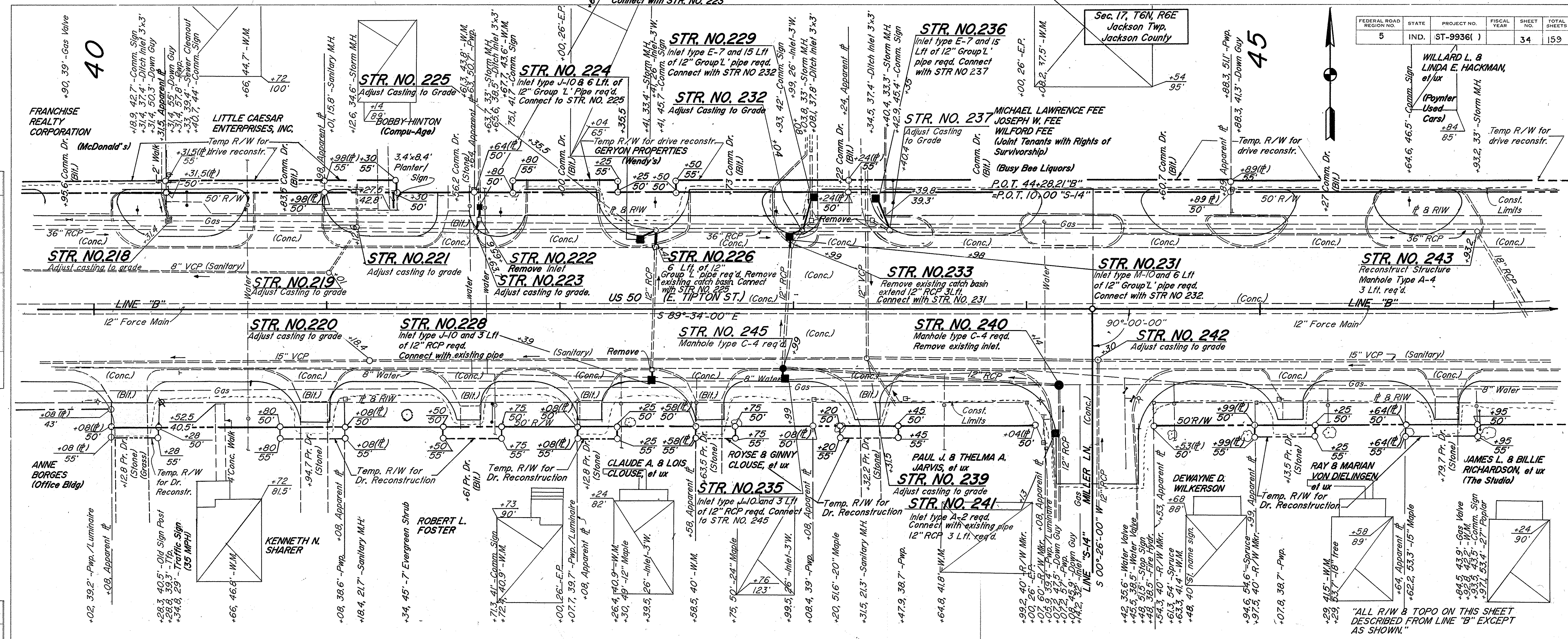


R-24840

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		34	159

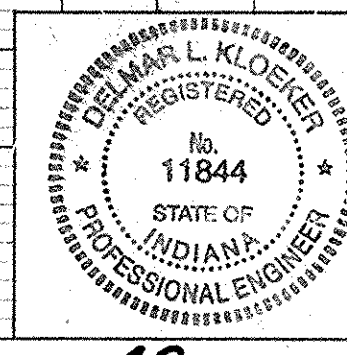
Sec. 17, T6N, R6E
Jackson Twp.
Jackson County

WILLARD L. & LINDA E. HACKMAN, et ux
(Plymer Used Cars)
+84 85'
+93.2, 33' - Storm M.H.



B.M. # 19PK Nail in Pwp Sta. 47+14
38' Lt. El. 602.53

NOTE: Plotted 10' Above Datum



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
ST-9936()	B	34	159

R-24846

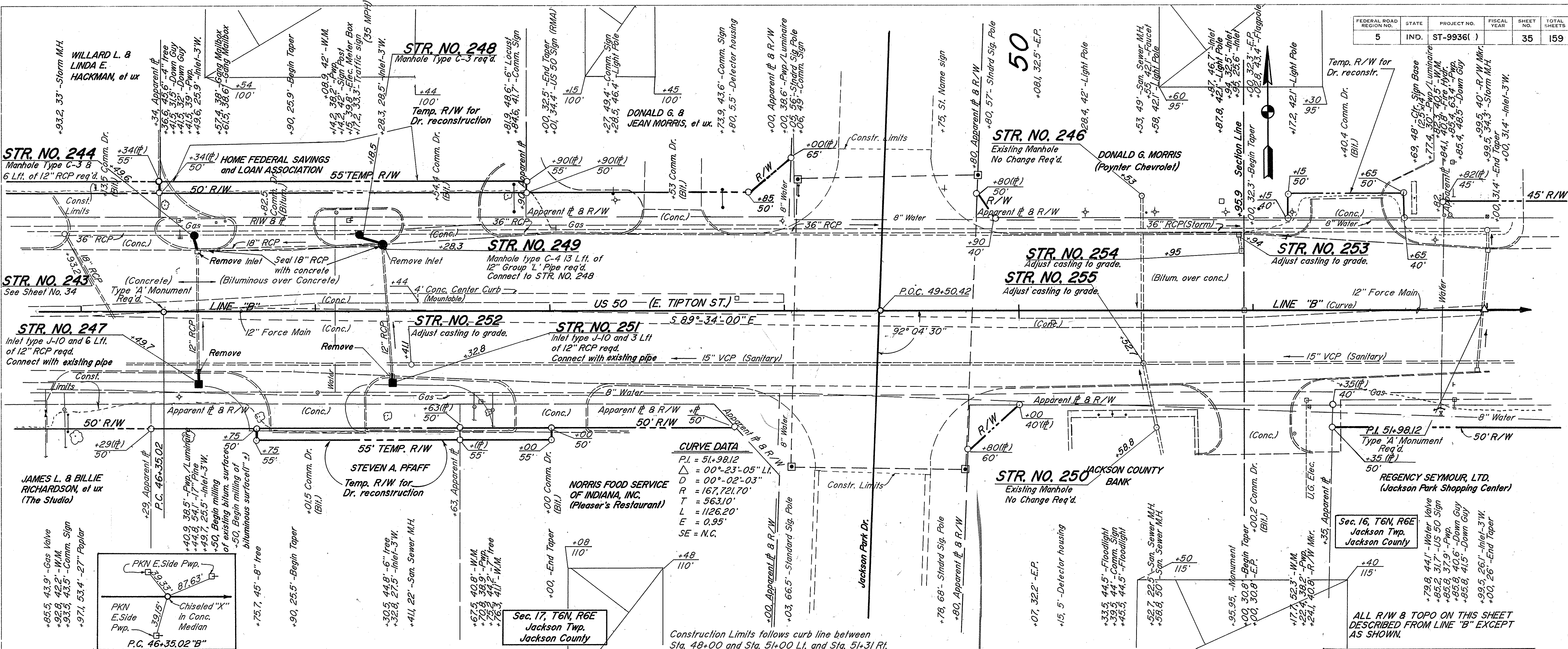
PLAN
SURVEYED
NOTED
NOTE BOOK
ALIGNMENT CHECKED
R/W WAY CHECKED

PROFILE
SURVEYED
NOTED
NOTE BOOK
GRADES CHECKED
STRUCTURE NOTATIONS CHECKED

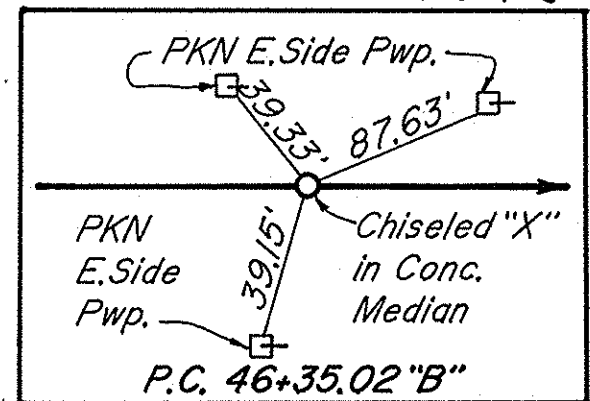
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936(1)		35	159

DATE: 11/15/90
 BY: G. L. KLOEGER
 SURVEYED: 11/15/90
 PLOTTED: 11/15/90
 CHECKED: 11/15/90
 STRUCTURE NOTATIONS CHECKED: 11/15/90
 NOTE BOOK: 11/15/90
 NO. 11/15/90

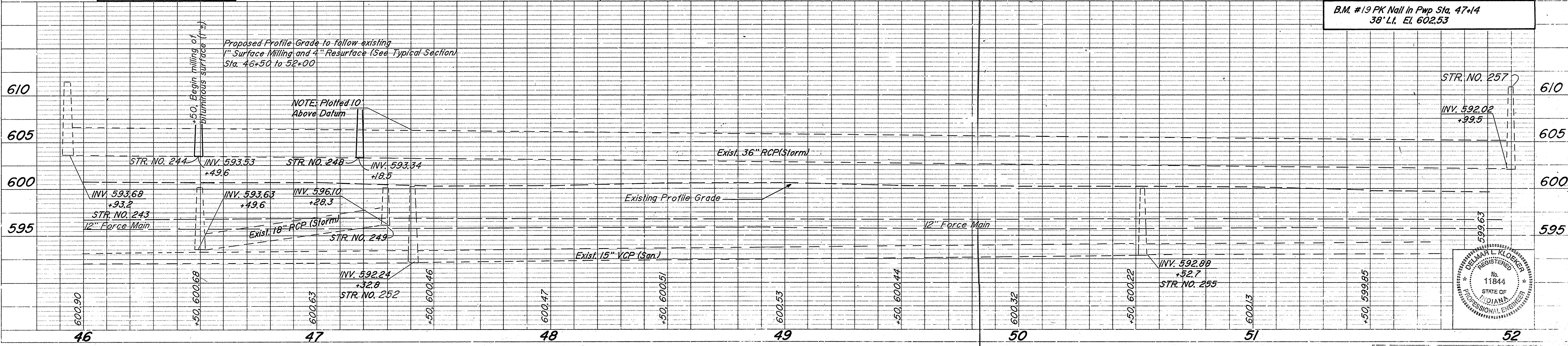
DATE: 11/15/90
 BY: G. L. KLOEGER
 SURVEYED: 11/15/90
 PLOTTED: 11/15/90
 CHECKED: 11/15/90
 STRUCTURE NOTATIONS CHECKED: 11/15/90
 NOTE BOOK: 11/15/90
 NO. 11/15/90



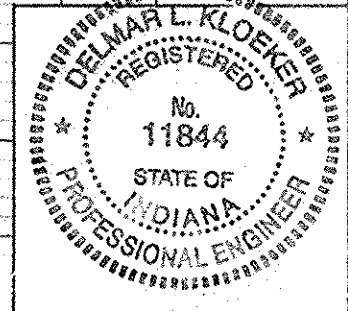
CURVE DATA
 P.I. = 51+98.12
 Δ = 00°-23'-05" L.I.
 D = 00°-02'-03"
 R = 167,721.70'
 T = 563.10'
 L = 1126.20'
 E = 0.95'
 SE = N.C.



ALL R/W & TOPO ON THIS SHEET DESCRIBED FROM LINE "B" EXCEPT AS SHOWN.



B.M. #19 PK Nail in Pwp Sta. 47+14 38' Lt. El. 602.53



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
ST-9936(1)	B	35	159

R-24846

50

55

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		36	159

Bolemon Engineering 9-90
Traffic Engr. Studies 11-90
NOTE BOOK
NO. OF VAS CHECKED

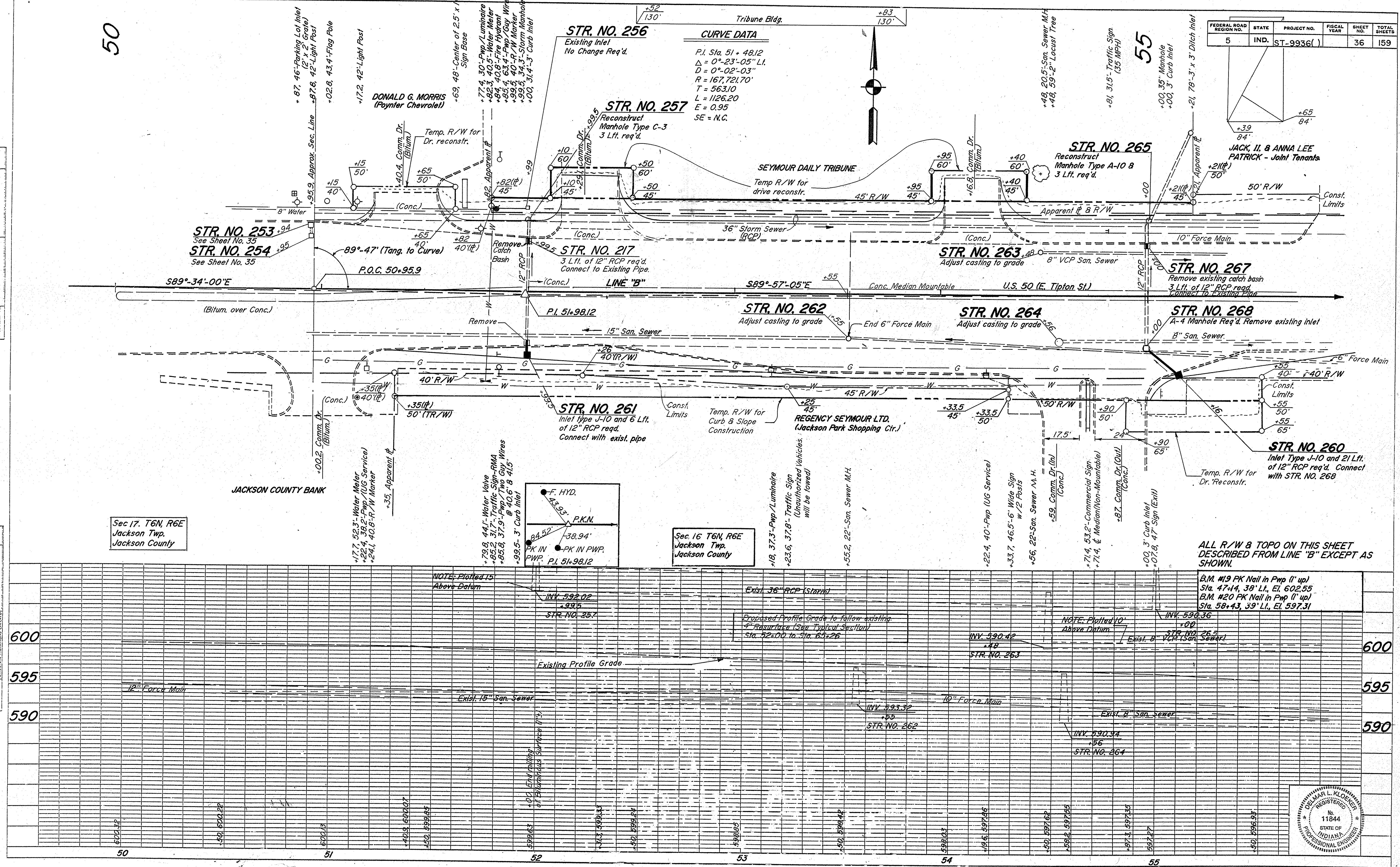
PROFILE
NOTE BOOK
NO. OF VAS CHECKED

Sec 17, T6N, R6E
Jackson Twp.
Jackson County

Sec 16, T6N, R6E
Jackson Twp.
Jackson County

ALL R/W & TOPO ON THIS SHEET
DESCRIBED FROM LINE "B" EXCEPT AS
SHOWN.

B.M. #19 PK Nail in Pwp (1' up)
Sta. 47+14, 38' L.I., El. 602.55
B.M. #20 PK Nail in Pwp (1' up)
Sta. 58+43, 39' L.I., El. 597.31



STR. NO. 256
Existing Inlet
No Change Req'd.

STR. NO. 257
Reconstruct
Manhole Type C-3
3 Lft. req'd.

STR. NO. 265
Reconstruct
Manhole Type A-10 &
3 Lft. req'd.

STR. NO. 263
Adjust casting to grade

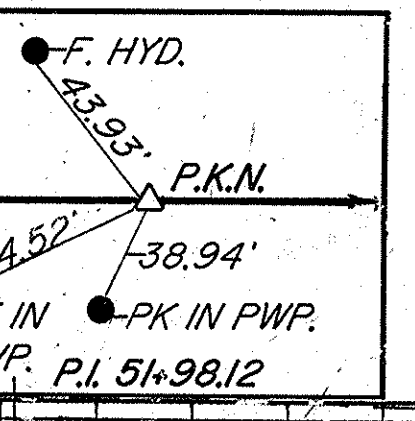
STR. NO. 264
Adjust casting to grade

STR. NO. 268
A-4 Manhole Req'd. Remove existing inlet

STR. NO. 260
Inlet Type J-10 and 21 Lft.
of 12" RCP req'd. Connect
with STR. NO. 268

CURVE DATA

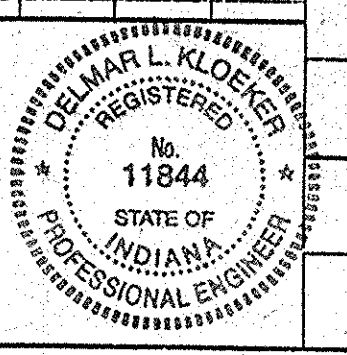
P.I. Sta. 51 + 48.12
 $\Delta = 0^\circ-23'-05''$ L.I.
 $D = 0^\circ-02'-03''$
 $R = 167,721.70'$
 $T = 563.10$
 $L = 1126.20$
 $E = 0.95$
 $SE = N.C.$



NOTE: Plotted 15'
Above Datum

NOTE: Plotted 10'
Above Datum

R-24846



PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS	FILE
ST-9936 ()	B	36	159	

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		38	159

PLAN

BY: Bateman Engineering, Inc. 9-30

NOTED: Traffic Eng. Studies (L-30)

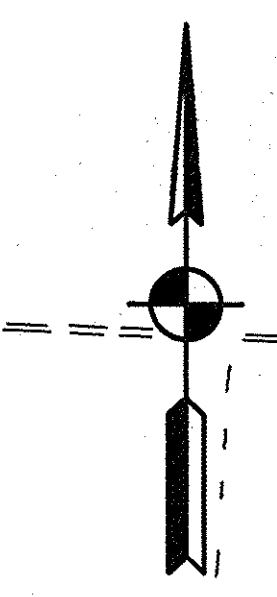
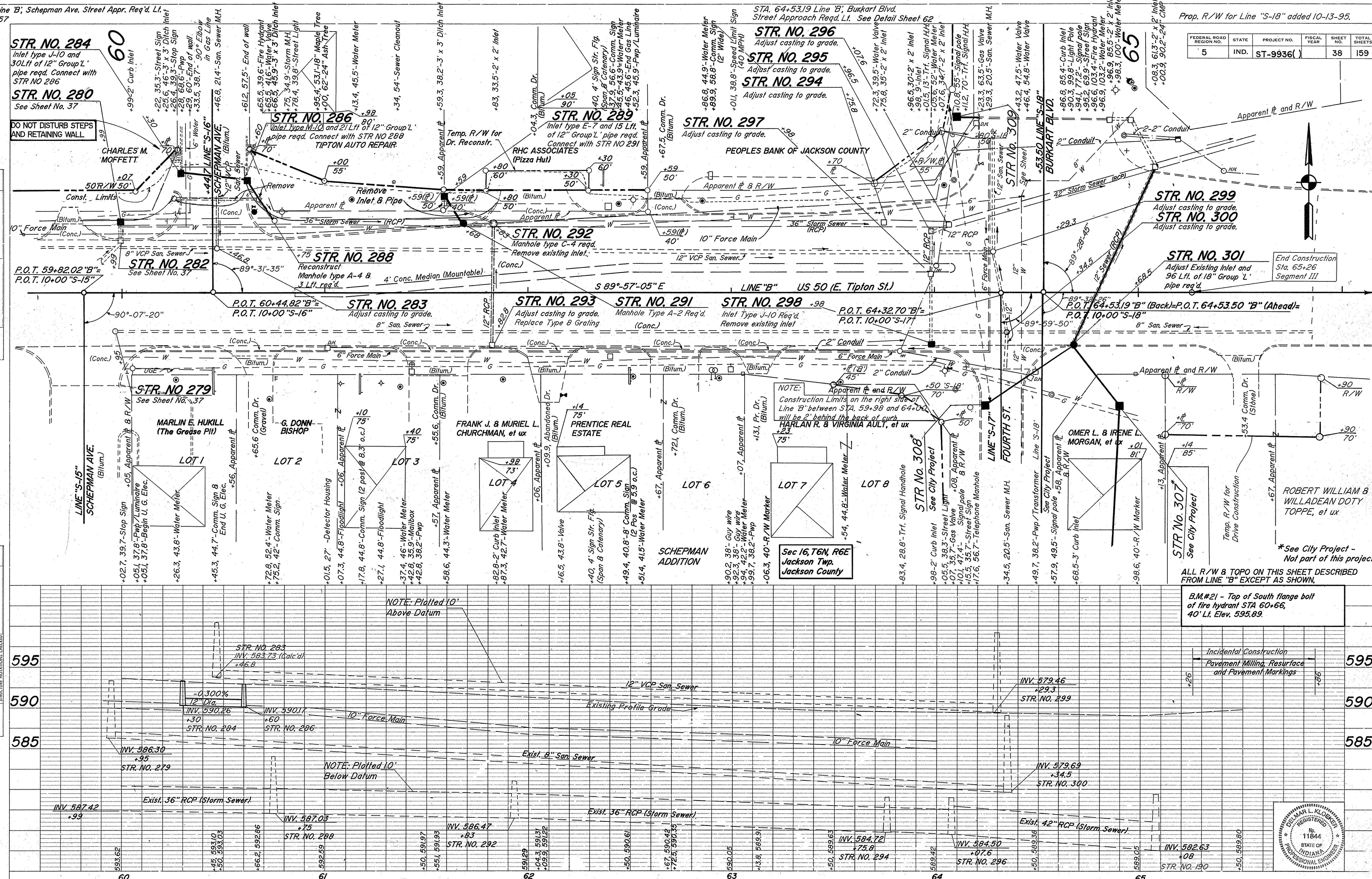
NO.:

PROFILE

BY: Bateman Engineering, Inc. 9-30

NOTED: Traffic Eng. Studies (L-30)

NO.:



STR. NO. 299
Adjust casting to grade.

STR. NO. 300
Adjust casting to grade.

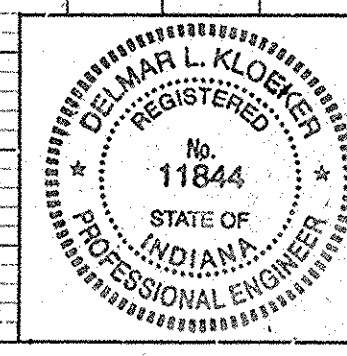
STR. NO. 301
Adjust Existing Inlet and 96 Lft. of 18" Group 'L' pipe req'd.

End Construction Sta. 65+26 Segment III

ALL R/W & TOPO ON THIS SHEET DESCRIBED FROM LINE "B" EXCEPT AS SHOWN.

B.M.#21 - Top of South flange bolt of fire hydrant STA 60+66, 40' Lt. Elev. 595.89.

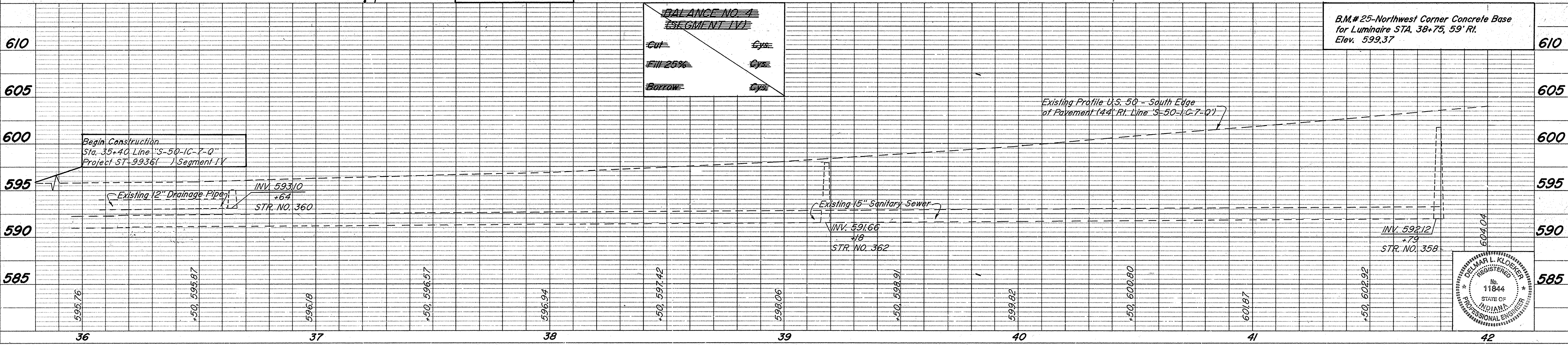
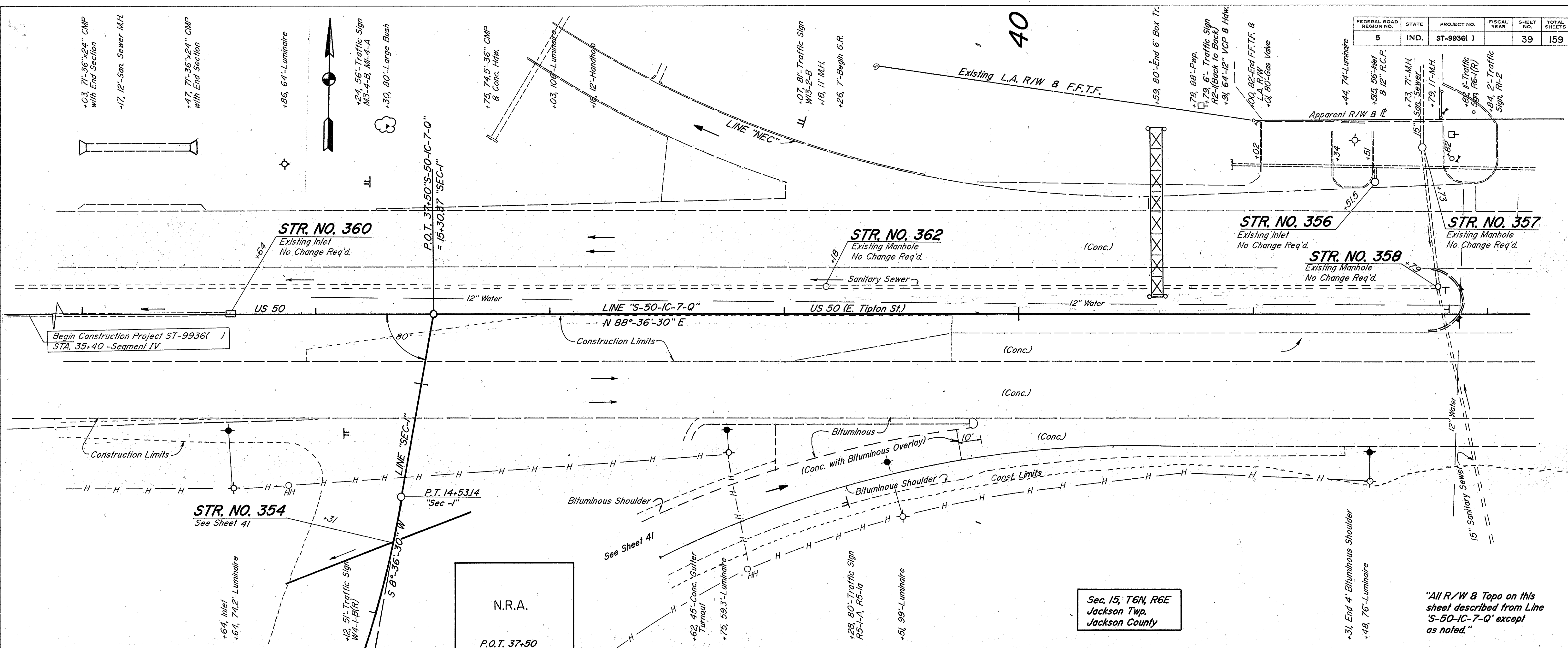
Incidental Construction
Pavement Milling, Resurface and Pavement Markings



DATE: 5-90
 BY: Traffic Engr. Studies
 SURVEYED: Traffic Engr. Studies
 PLOTTED: Traffic Engr. Studies
 CHECKED: Traffic Engr. Studies
 STRUCTURE NOTATIONS CHECKED: Traffic Engr. Studies

DATE: 5-90
 BY: Traffic Engr. Studies
 SURVEYED: Traffic Engr. Studies
 PLOTTED: Traffic Engr. Studies
 CHECKED: Traffic Engr. Studies
 STRUCTURE NOTATIONS CHECKED: Traffic Engr. Studies

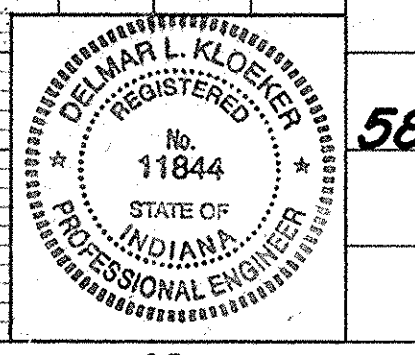
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936(1)		39	159



BALANCE NO. 4
(SEGMENT IV)

Cut	Eye
Fill 25%	Eye
Below	Eye

B.M. # 25-Northwest Corner Concrete Base for Luminaire STA. 38+75, 59' RI. Elev. 599.37

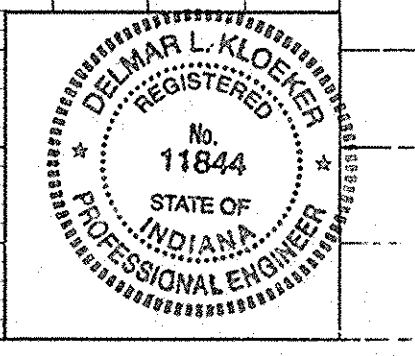
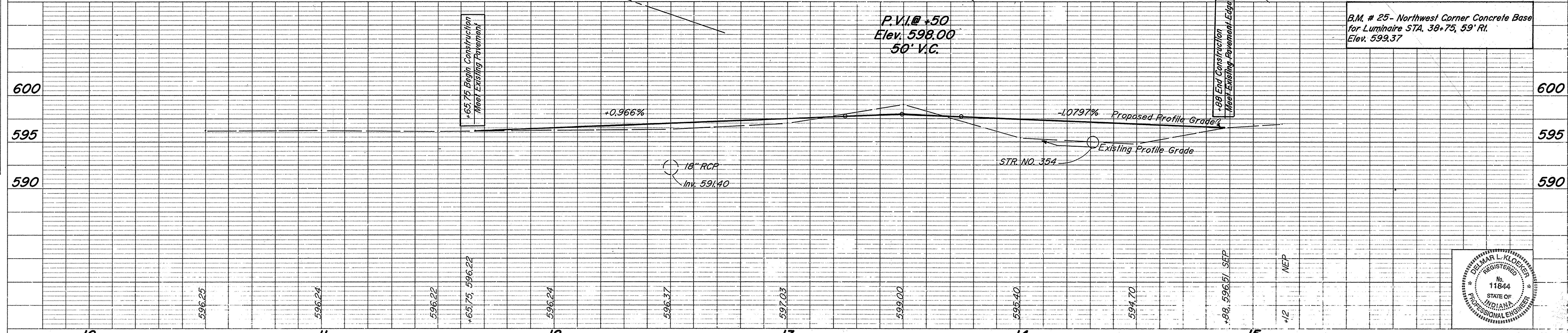
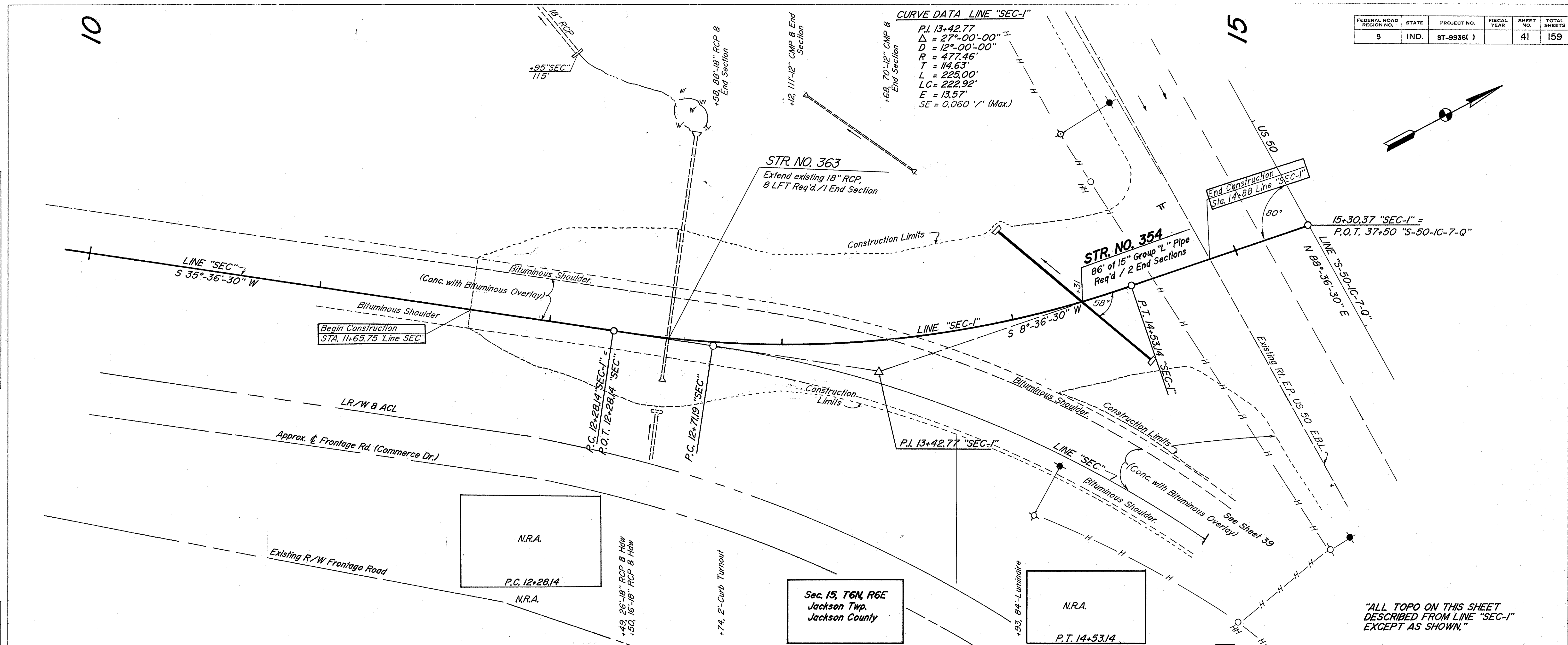


R24840

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		41	159

DATE: 5-30-30
 BY: Traffic Engr. Studies S-30
 SURVEYED: []
 NOTED: []
 NOTE BOOK: []
 NO.:

DATE: 5-30-30
 BY: Traffic Engr. Studies S-30
 SURVEYED: []
 NOTED: []
 NOTE BOOK: []
 NO.:



R-24846

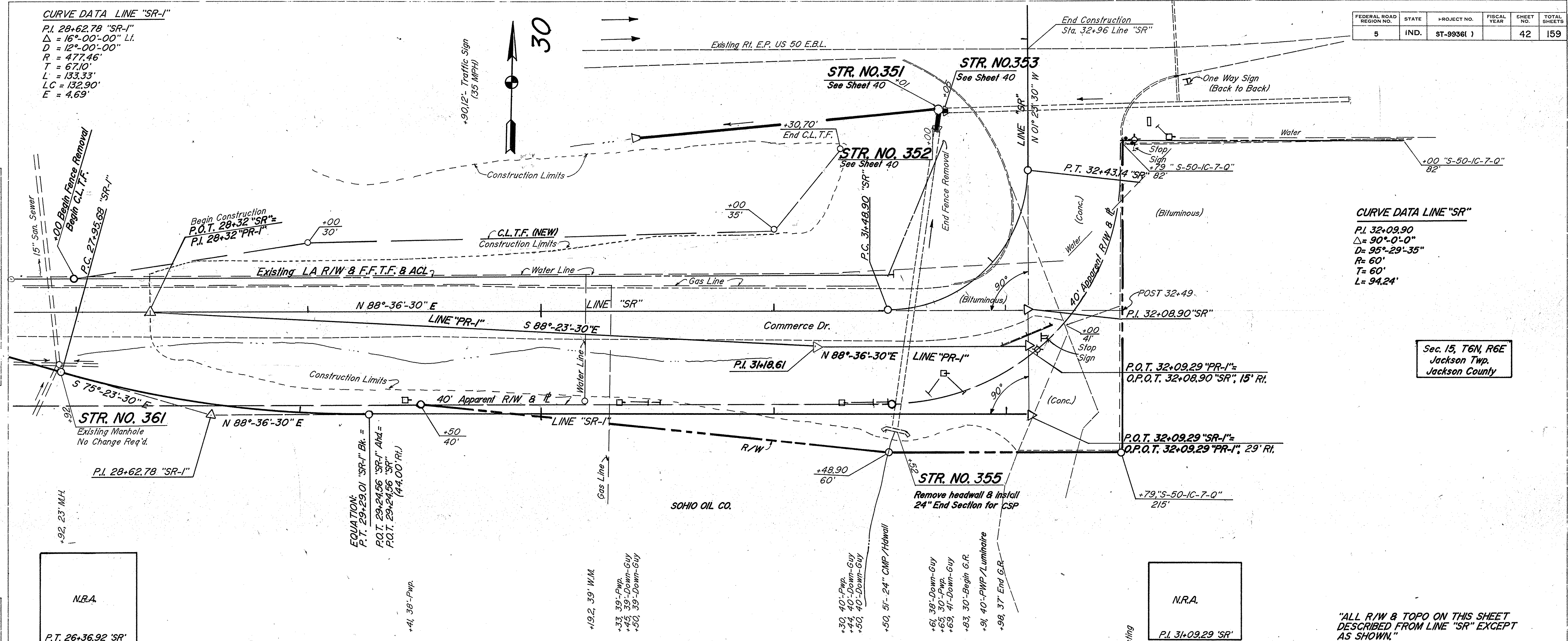
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-99361		42	159

CURVE DATA LINE "SR-1"
 P.I. 28+62.78 "SR-1"
 $\Delta = 16^\circ-00'-00"$ L.I.
 $D = 12^\circ-00'-00"$
 $R = 477.46'$
 $T = 67.10'$
 $L = 133.33'$
 $LC = 132.90'$
 $E = 4.69'$

CURVE DATA LINE "SR"
 P.I. 32+09.90
 $\Delta = 90^\circ-0'-0"$
 $D = 95^\circ-29'-35"$
 $R = 60'$
 $T = 60'$
 $L = 94.24'$

TRAFFIC ENGINEERING STUDIES
 STUDIES 5-30
 P.L. AN
 SURVEYED, PLOTTED, CHECKED, NOTED, REVISIONS CHECKED

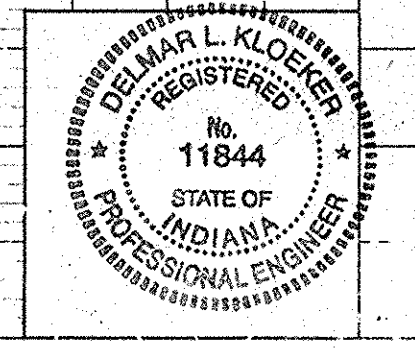
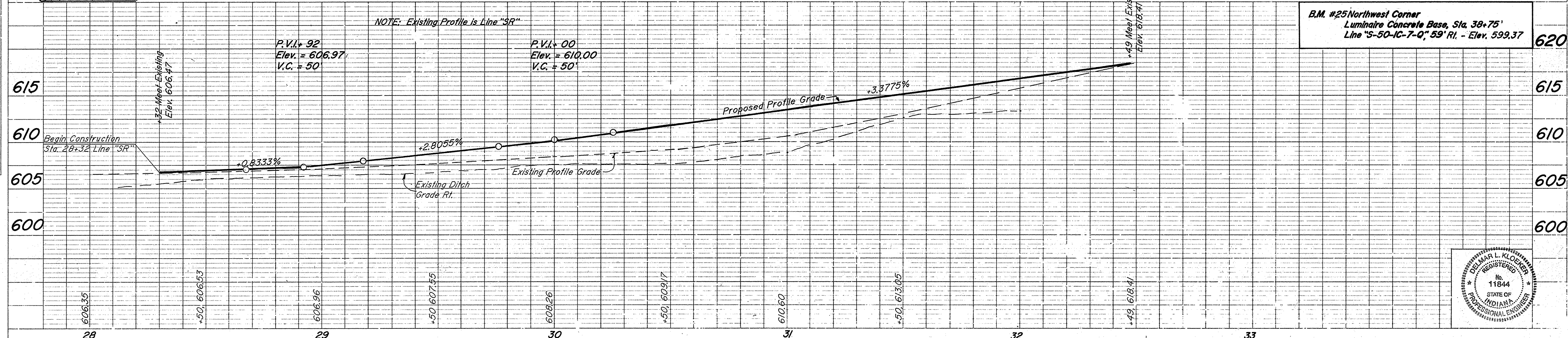
PROFILE
 SURVEYED, PLOTTED, CHECKED, NOTED, REVISIONS CHECKED



Sec. 15, T6N, R6E
 Jackson Twp.
 Jackson County

"ALL R/W & TOPO ON THIS SHEET DESCRIBED FROM LINE "SR" EXCEPT AS SHOWN."

B.M. #25 Northwest Corner
 Luminaire Concrete Base, Sta. 38+75'
 Line "S-50-IC-7-Q", 59' RI. - Elev. 599.37



R-24846

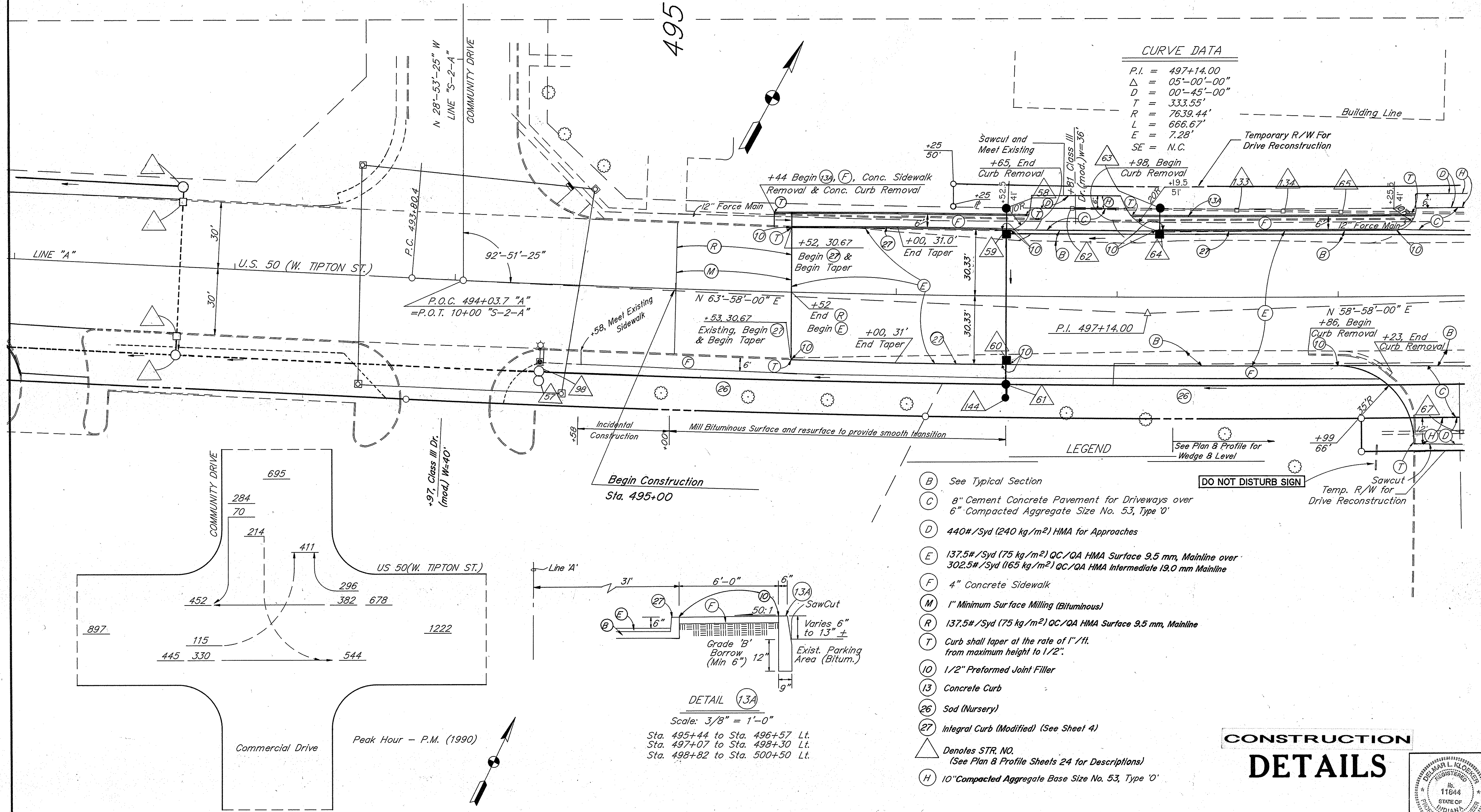
PROJECT NO.	LINE	SHEET NO.	TOTAL SHEETS
ST-99361	"SR"	42	159

CHESSIE R.R.

495

CURVE DATA

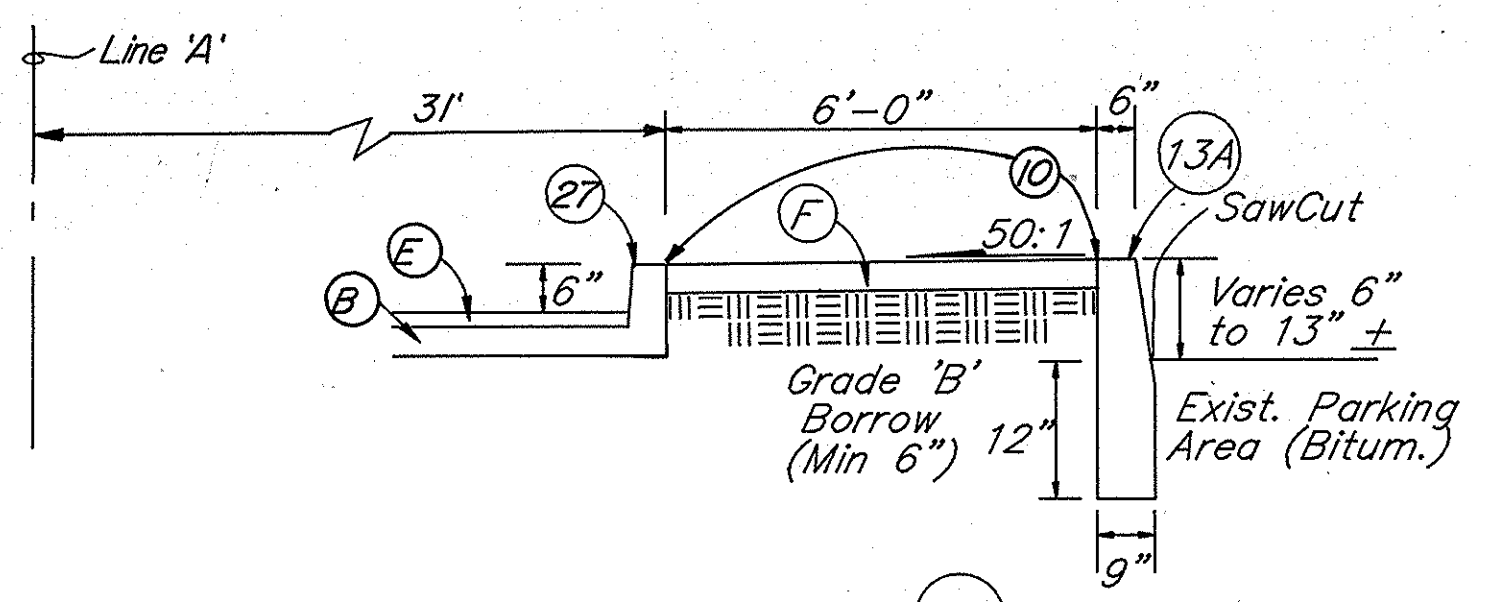
P.I. = 497+14.00
 Δ = 05°-00'-00"
D = 00'-45'-00"
T = 333.55'
R = 7639.44'
L = 666.67'
E = 7.28'
SE = N.C.



LEGEND

- (B) See Typical Section
- (C) 8" Cement Concrete Pavement for Driveways over 6" Compacted Aggregate Size No. 53, Type 'O'
- (D) 440#/Syd (240 kg/m²) HMA for Approaches
- (E) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5 mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0 mm Mainline
- (F) 4" Concrete Sidewalk
- (M) 1" Minimum Surface Milling (Bituminous)
- (R) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5 mm, Mainline
- (T) Curb shall taper at the rate of 1"/ft. from maximum height to 1/2".
- (10) 1/2" Preformed Joint Filler
- (13) Concrete Curb
- (26) Sod (Nursery)
- (27) Integral Curb (Modified) (See Sheet 4)
- △ Denotes STR, NO. (See Plan & Profile Sheets 24 for Descriptions)
- (H) 10" Compacted Aggregate Base Size No. 53, Type 'O'

Begin Construction Sta. 495+00

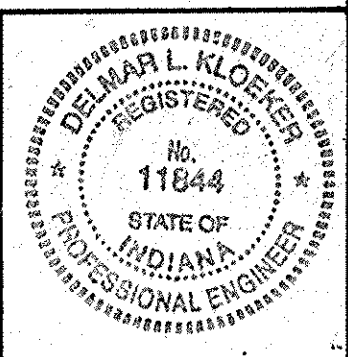


DETAIL (13A)

Scale: 3/8" = 1'-0"
Sta. 495+44 to Sta. 496+57 Lt.
Sta. 497+07 to Sta. 498+30 Lt.
Sta. 498+82 to Sta. 500+50 Lt.

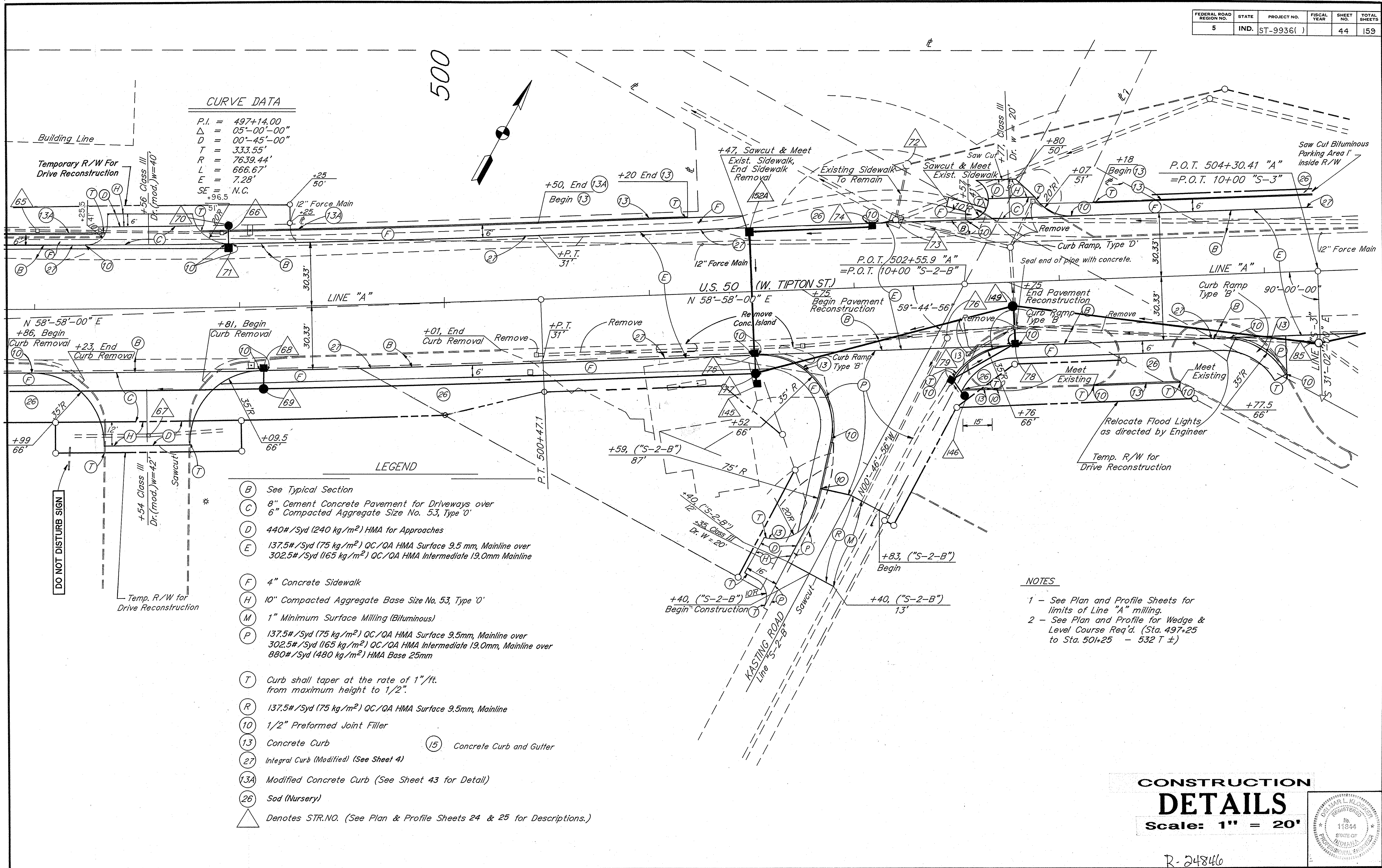
CONSTRUCTION DETAILS

Scale: 1" = 20'



R-24846

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		44	159



CURVE DATA

P.I. = 497+14.00
 Δ = 05°-00'-00"
 D = 00'-45'-00"
 T = 333.55'
 R = 7639.44'
 L = 666.67'
 E = 7.28'
 SE = N.C.

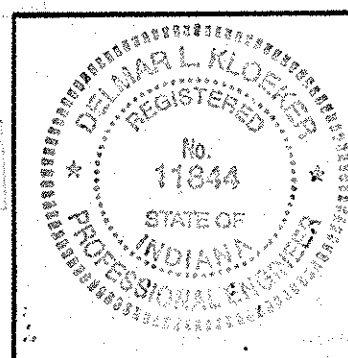
LEGEND

- (B) See Typical Section
- (C) 8" Cement Concrete Pavement for Driveways over 6" Compacted Aggregate Size No. 53, Type '0'
- (D) 440#/Syd (240 kg/m²) HMA for Approaches
- (E) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5 mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm Mainline
- (F) 4" Concrete Sidewalk
- (H) 10" Compacted Aggregate Base Size No. 53, Type '0'
- (M) 1" Minimum Surface Milling (Bituminous)
- (P) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm, Mainline over 880#/Syd (480 kg/m²) HMA Base 25mm
- (T) Curb shall taper at the rate of 1"/ft. from maximum height to 1/2".
- (R) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline
- (10) 1/2" Preformed Joint Filler
- (13) Concrete Curb
- (27) Integral Curb (Modified) (See Sheet 4)
- (13A) Modified Concrete Curb (See Sheet 43 for Detail)
- (26) Sod (Nursery)
- △ Denotes STR.NO. (See Plan & Profile Sheets 24 & 25 for Descriptions.)
- (15) Concrete Curb and Gutter

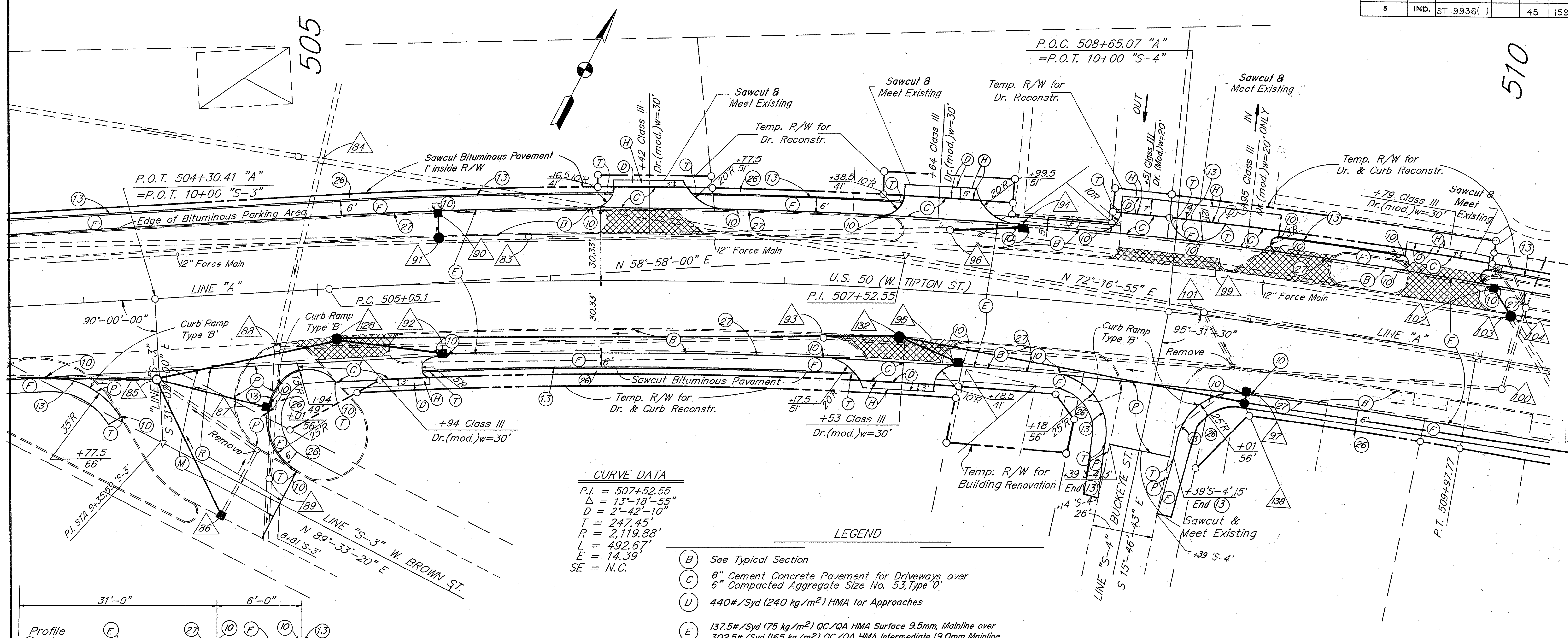
NOTES

- 1 - See Plan and Profile Sheets for limits of Line "A" milling.
- 2 - See Plan and Profile for Wedge & Level Course Req'd. (Sta. 497+25 to Sta. 501+25 - 532 T ±)

CONSTRUCTION DETAILS
 Scale: 1" = 20'



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CURVE DATA

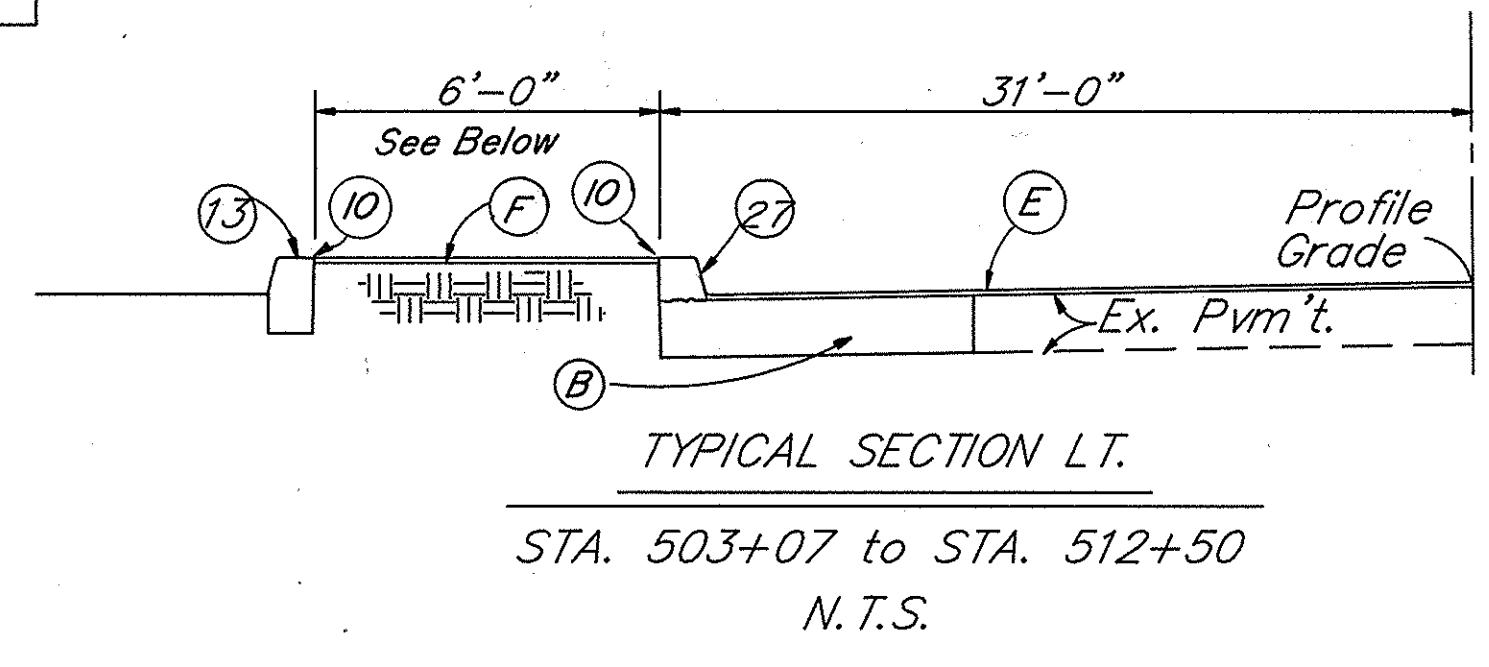
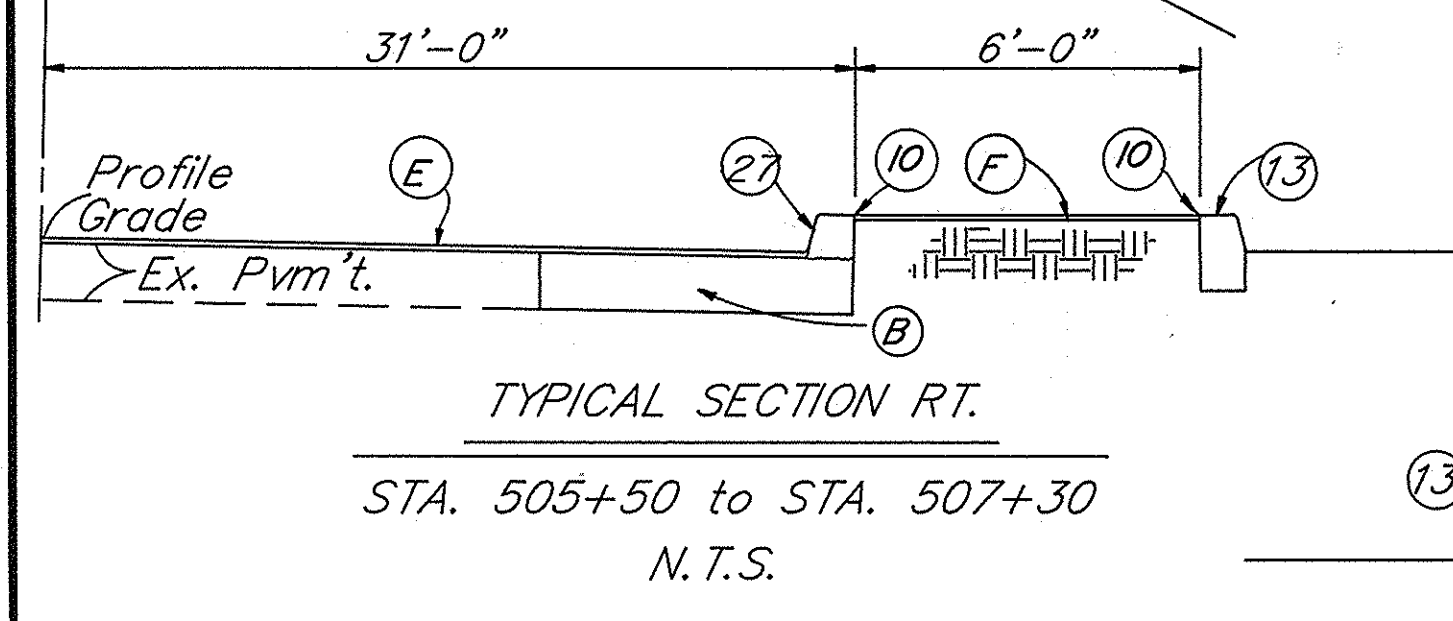
P.I. = 507+52.55
 $\Delta = 13^{\circ}-18'-55''$
 $D = 2^{\circ}-42'-10''$
 $T = 247.45'$
 $R = 2,119.88'$
 $L = 492.67'$
 $E = 14.39'$
 $SE = N.C.$

LEGEND

- (B) See Typical Section
- (C) 8" Cement Concrete Pavement for Driveways over 6" Compacted Aggregate Size No. 53, Type 'O'
- (D) 440#/Syd (240 kg/m²) HMA for Approaches
- (E) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm Mainline
- (F) 4" Concrete Sidewalk
- (M) 1" Minimum Surface Milling (Bituminous)
- (P) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm, Mainline over 880#/Syd (480 kg/m²) HMA Base 25mm
- (R) 110#/Syd. Bituminous Surface 11, MV
- (T) Curb shall taper at the rate of 1"/ft. from maximum height to 1/2".
- (10) 1/2" Preformed Joint Filler
- (13) Concrete Curb
- (27) Integral Concrete Curb (Modified) (See Sheet 4)
- (26) Sod (Nursery)
- (H) Denotes STR. NO. (See Plan & Profile Sheets 26 & 27 for Descriptions.)
- (Hatched Box) Concrete Driveway Removal (Not a pay item)
- (H) 10" Compacted Aggregate Base, Size No. 53, Type 'O'

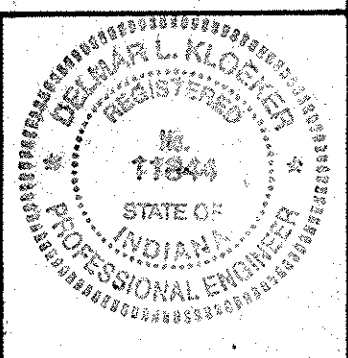
NOTES

- 1 - See Plan and Profile Sheets for limits of Line "A" milling.
- 2 - See Plan and Profile for Wedge & Level Course Req'd. (Sta. 503+75 to Sta. 514+25 - 690 Tons±)



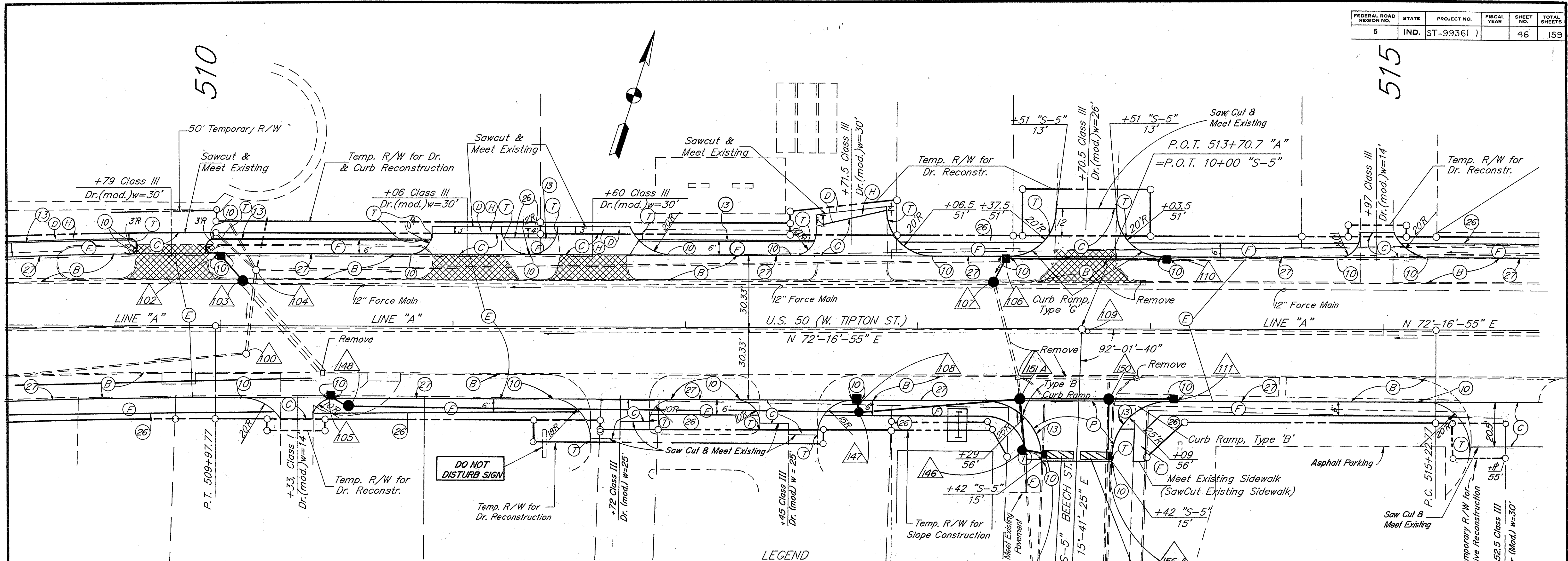
(F) Width = 5' Sta. 507+87 to 508+40 LI.

CONSTRUCTION DETAILS
 Scale: 1" = 20'



R-24846

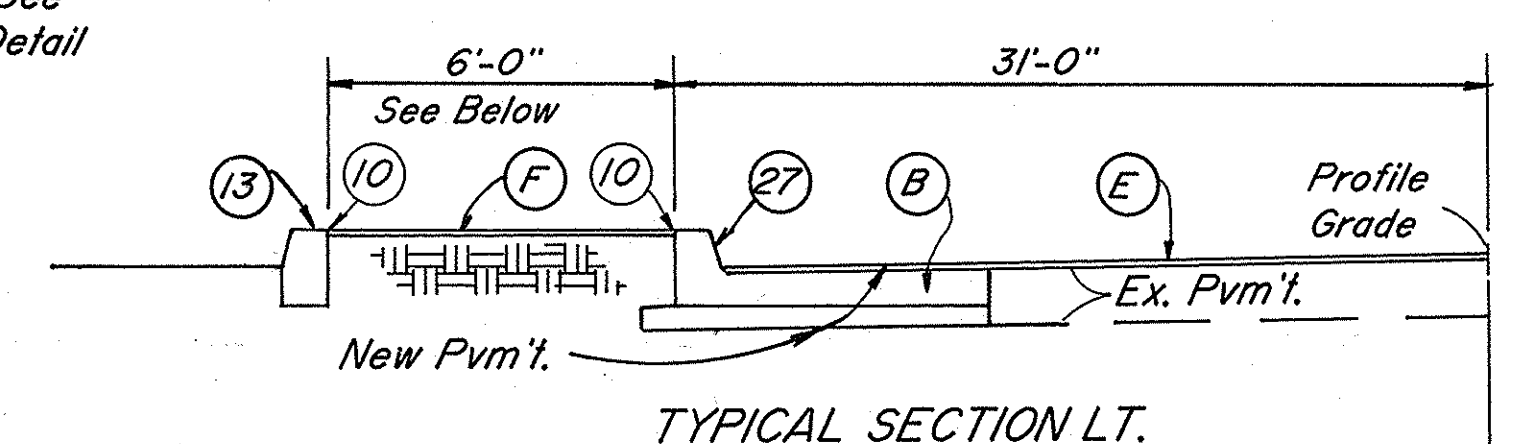
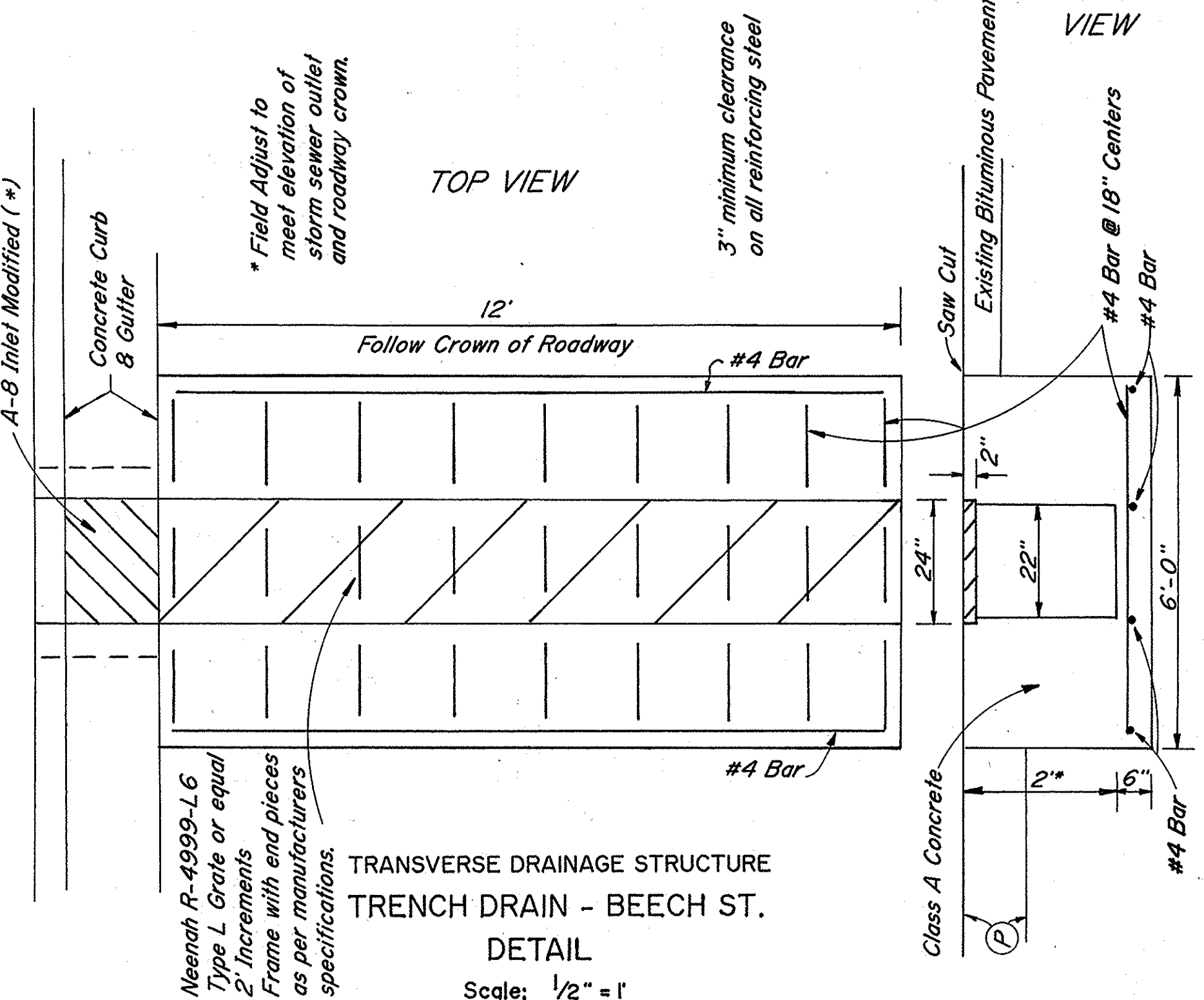
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		46	159



DO NOT DISTURB SIGN

LEGEND

- (B) See Typical Section
- (C) 8" Cement Concrete Pavement for Driveways over 6" Compacted Aggregate Size No. 53, Type '0'
- (D) 440#/Syd (240 kg/m²) HMA for Approaches
- (E) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm Mainline over 880#/Syd (480kg/m²) HMA Base 25mm
- (F) 4" Concrete Sidewalk
- (G) 4" Compacted Aggregate Base
- (H) 10" Compacted Aggregate Base Size No. 53, Type '0'
- (P) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5 mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm, Mainline over 880#/Syd (480kg/m²) HMA Base 25mm
- (T) Curb shall taper at the rate of 1"/ft. from maximum height to 1/2".
- (10) 1/2" Preformed Joint Filler
- (13) Concrete Curb
- (27) Integral Concrete Curb (Modified) (See Sheet 4)
- (26) Sod (Nursery)
- △ Denotes STR. NO. (See Plan & Profile Sheet 27 for Description.)
- ▣ Concrete Driveway Removal (not a pay item)

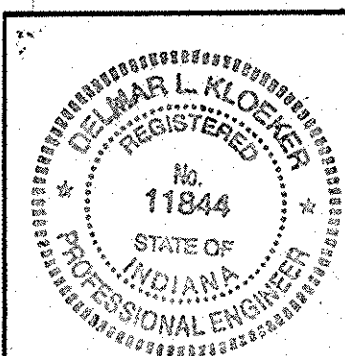


NOTES:

1. See Plan and Profile Sheets for limits of Line "A" milling.

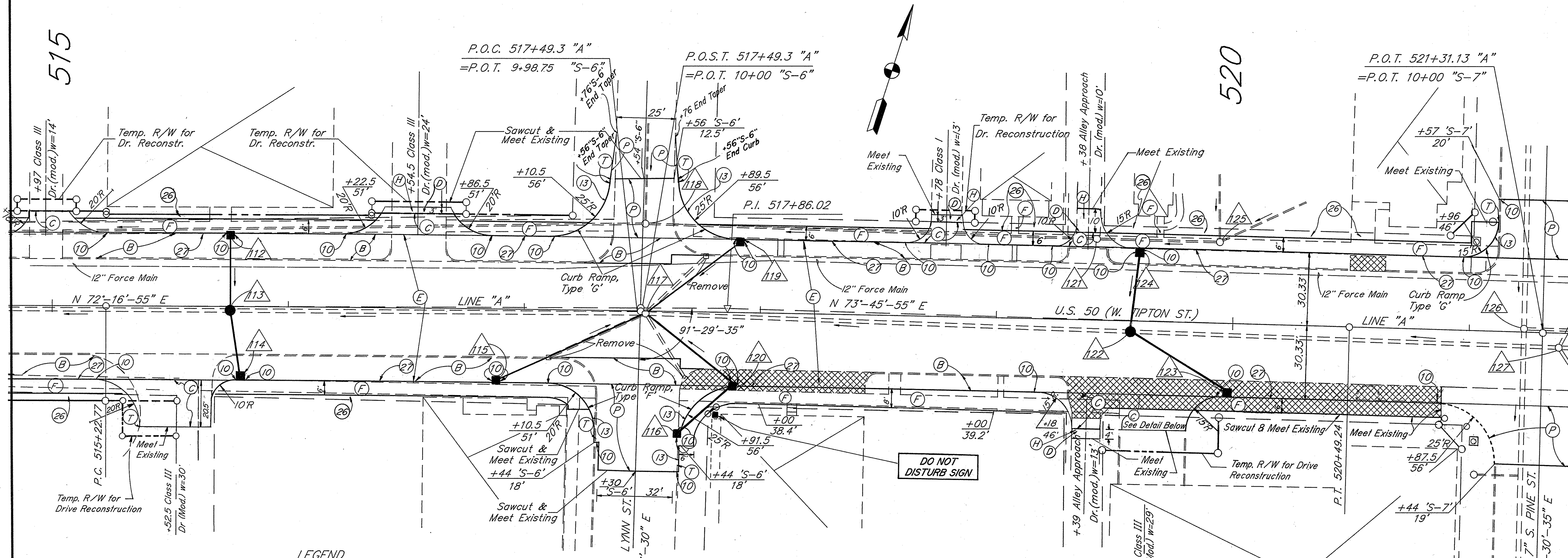
(F) Width = 5' Sta. 507+87 to 508+40 LI.

CONSTRUCTION DETAILS
 Scale: 1" = 20'



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FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		47	159



LEGEND

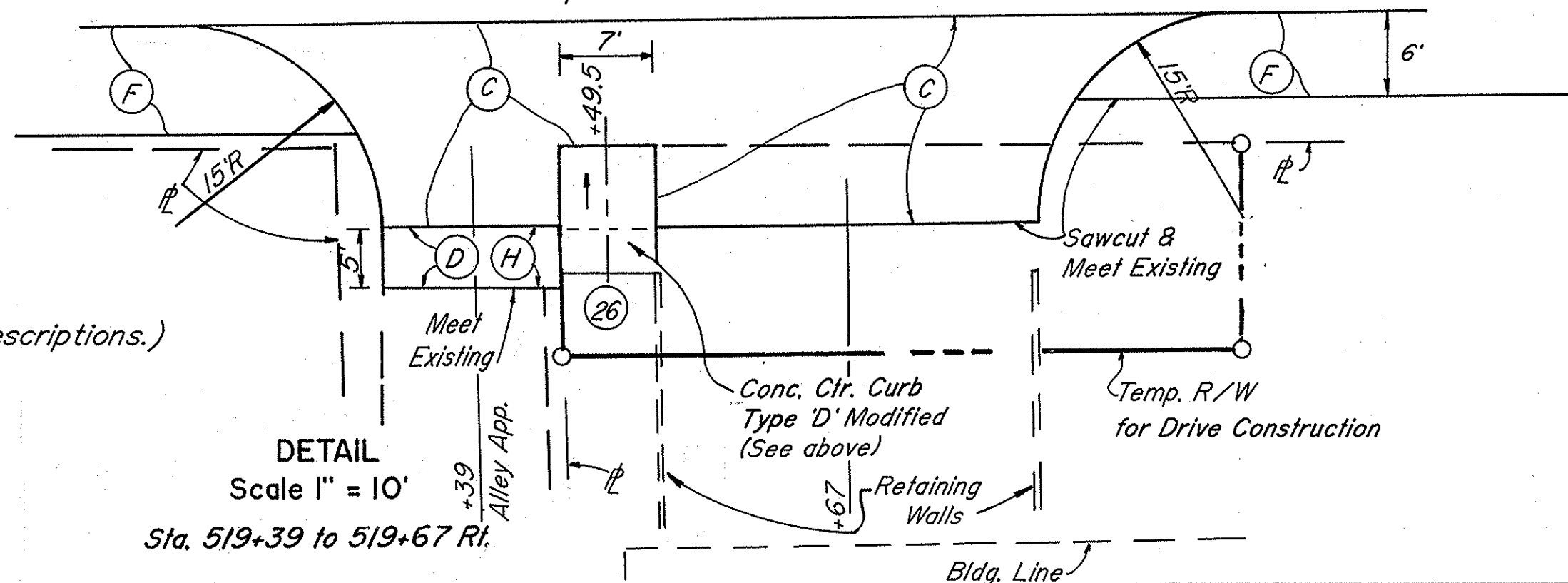
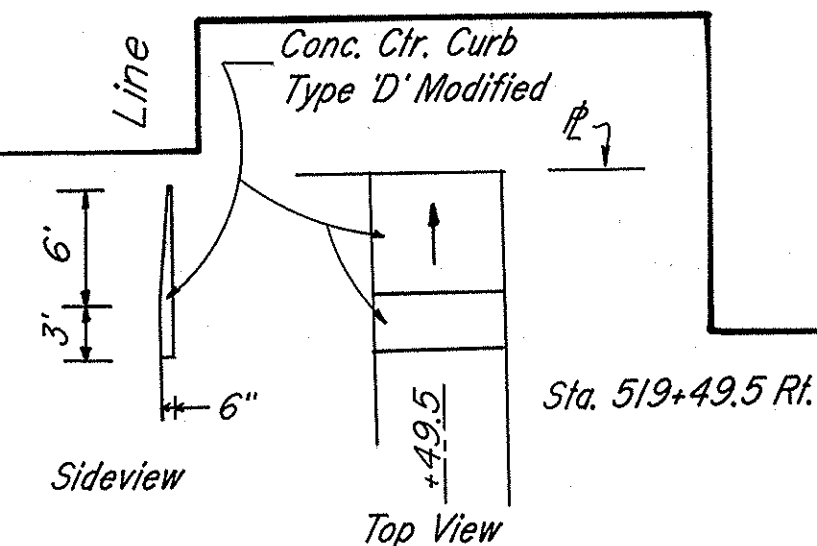
- (B) See Typical Section
- (C) 8" Cement Concrete Pavement for Driveways over 6" Compacted Aggregate Size No. 53, Type 'O'
- (D) 440#/Syd. (240 kg/m²) HMA for Approaches
- (E) 137.5#/Syd. (75 kg/m²) QC/QA HMA Surface 9.5 mm, Mainline over 302.5#/Syd. (165 kg/m²) QC/QA HMA Intermediate 19.0 mm Mainline
- (F) 4" Concrete Sidewalk
- (P) 137.5#/Syd. (75 kg/m²) QC/QA HMA Surface 9.5 mm Mainline over 302.5#/Syd. (165 kg/m²) QC/QA HMA Intermediate 19.0 mm Mainline over 880#/Syd. (480 kg/m²) HMA Base 25 mm
- (T) Curb shall taper at the rate of 1"/ft. from maximum height to 1/2".
- (10) 1/2" Preformed Joint Filler
- (27) Integral Concrete Curb (Modified) (See Sheet 4)
- (26) Sod (Nursery)
- △ Denotes STR. NO. (See Plan & Profile Sheets 28 & 29 for Descriptions.)
- ▣ Concrete Driveway Removal (Not a pay item)
- (H) 10" Compacted Aggregate Base Size No. 53, Type 'O'
- (13) Concrete Curb

CURVE DATA

P.I. = 517+86.02
 $\Delta = 01^{\circ}29'00''$ Rt.
 $D = 00^{\circ}16'54''$
 $T = 263.25'$
 $R = 20,335.65'$
 $L = 526.47'$
 $E = 1.70'$
 $SE = N.C.$

NOTES

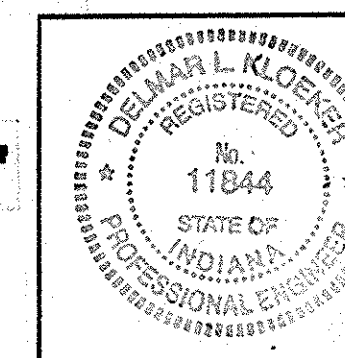
1 - See Plan and Profile Sheets for limits of Line "A" milling.



CONSTRUCTION

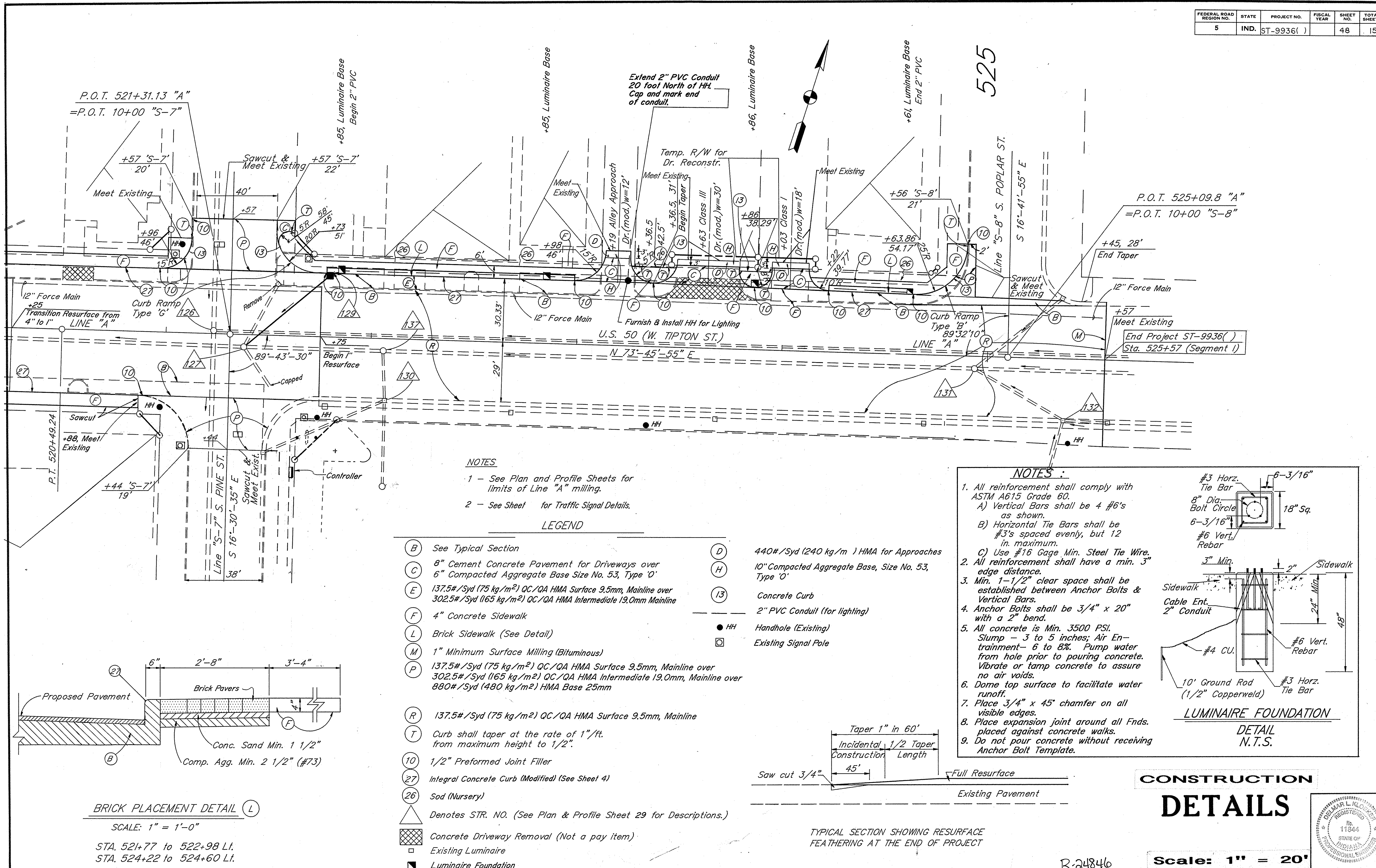
DETAILS

Scale: 1" = 20'



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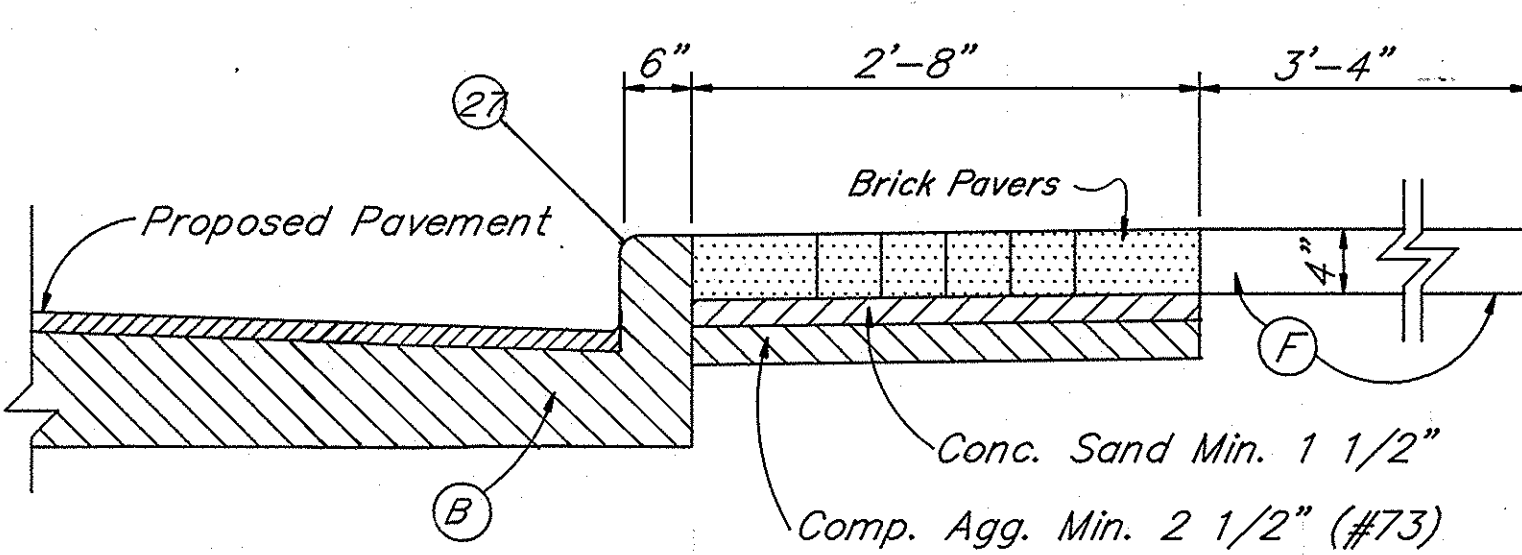
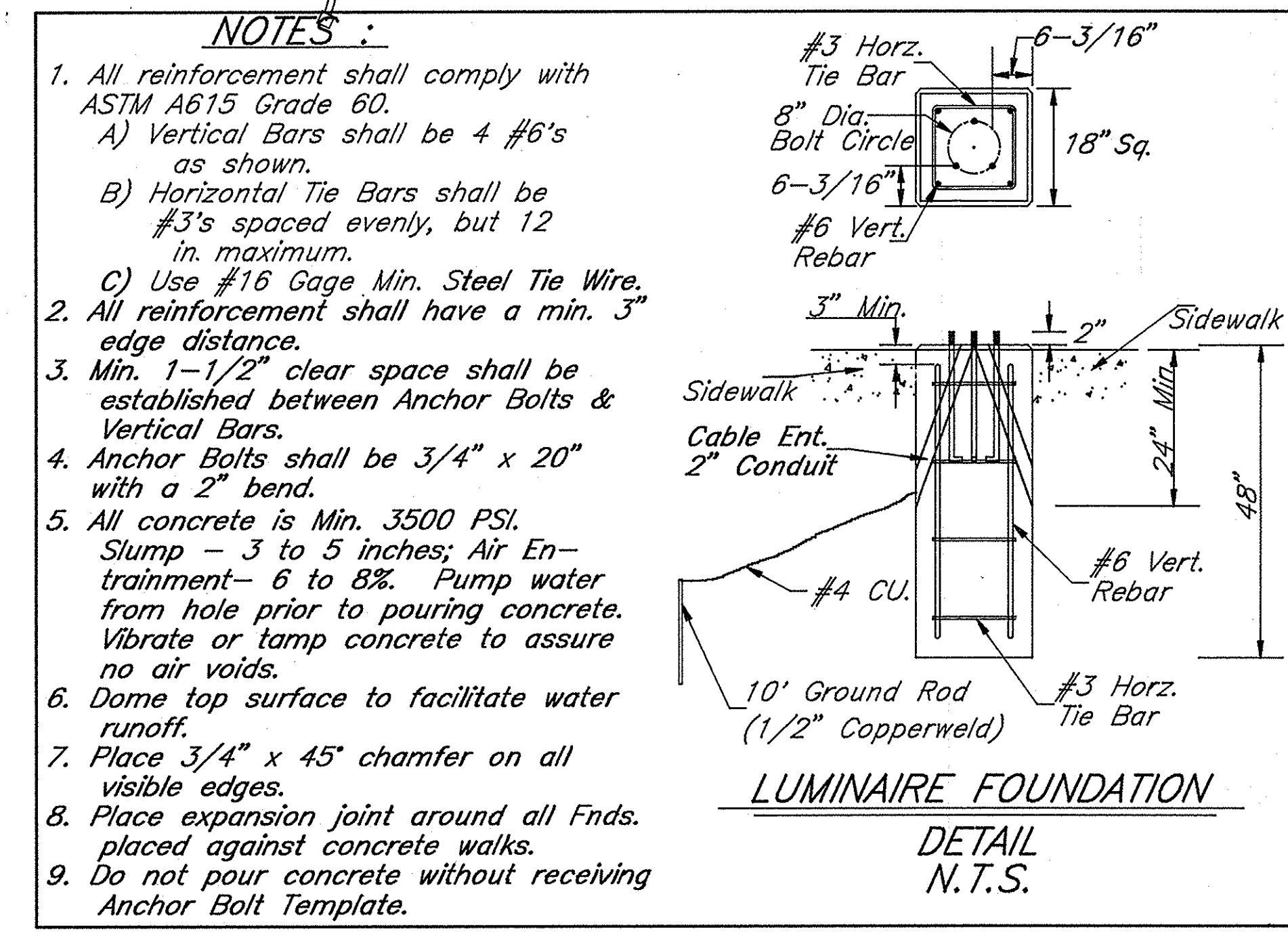
FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		48	159



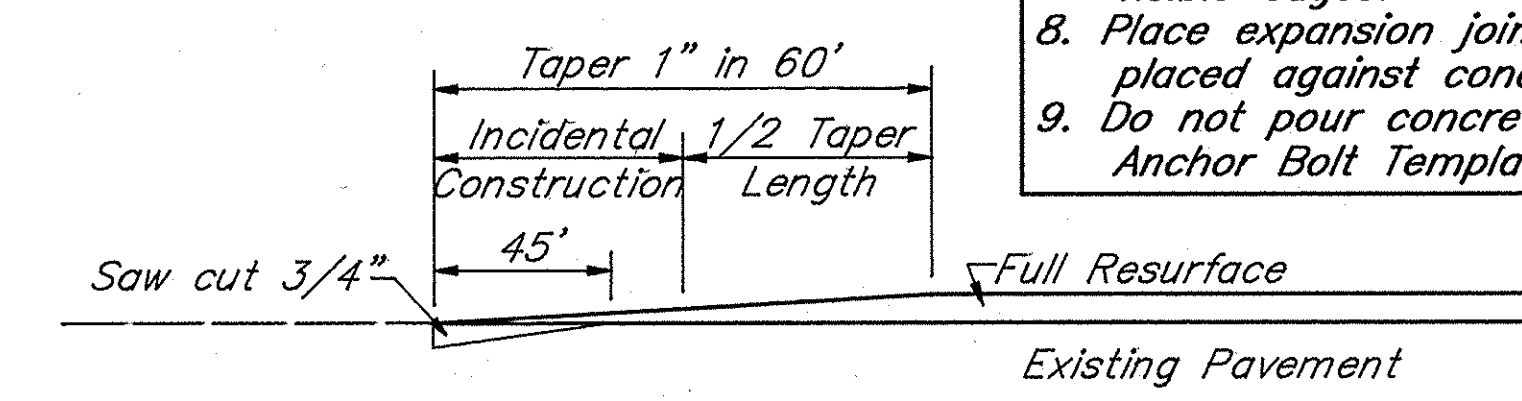
NOTES:
 1 - See Plan and Profile Sheets for limits of Line "A" milling.
 2 - See Sheet for Traffic Signal Details.

LEGEND

- (B) See Typical Section
- (C) 8" Cement Concrete Pavement for Driveways over 6" Compacted Aggregate Base Size No. 53, Type 'O'
- (E) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm Mainline
- (F) 4" Concrete Sidewalk
- (L) Brick Sidewalk (See Detail)
- (M) 1" Minimum Surface Milling (Bituminous)
- (P) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm, Mainline over 880#/Syd (480 kg/m²) HMA Base 25mm
- (R) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline
- (T) Curb shall taper at the rate of 1"/ft. from maximum height to 1/2".
- (10) 1/2" Preformed Joint Filler
- (27) Integral Concrete Curb (Modified) (See Sheet 4)
- (26) Sod (Nursery)
- △ Denotes STR. NO. (See Plan & Profile Sheet 29 for Descriptions.)
- ▨ Concrete Driveway Removal (Not a pay item)
- Existing Luminaire
- Luminaire Foundation
- (D) 440#/Syd (240 kg/m³) HMA for Approaches
- (H) 10" Compacted Aggregate Base, Size No. 53, Type 'O'
- (13) Concrete Curb
- 2" PVC Conduit (for lighting)
- HH Handhole (Existing)
- Existing Signal Pole



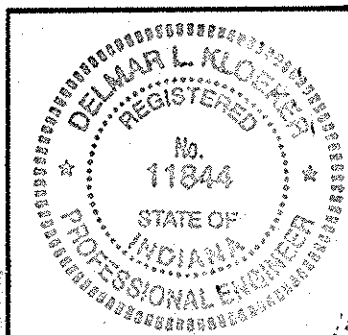
BRICK PLACEMENT DETAIL (L)
 SCALE: 1" = 1'-0"
 STA. 521+77 to 522+98 Lt.
 STA. 524+22 to 524+60 Lt.



CONSTRUCTION DETAILS

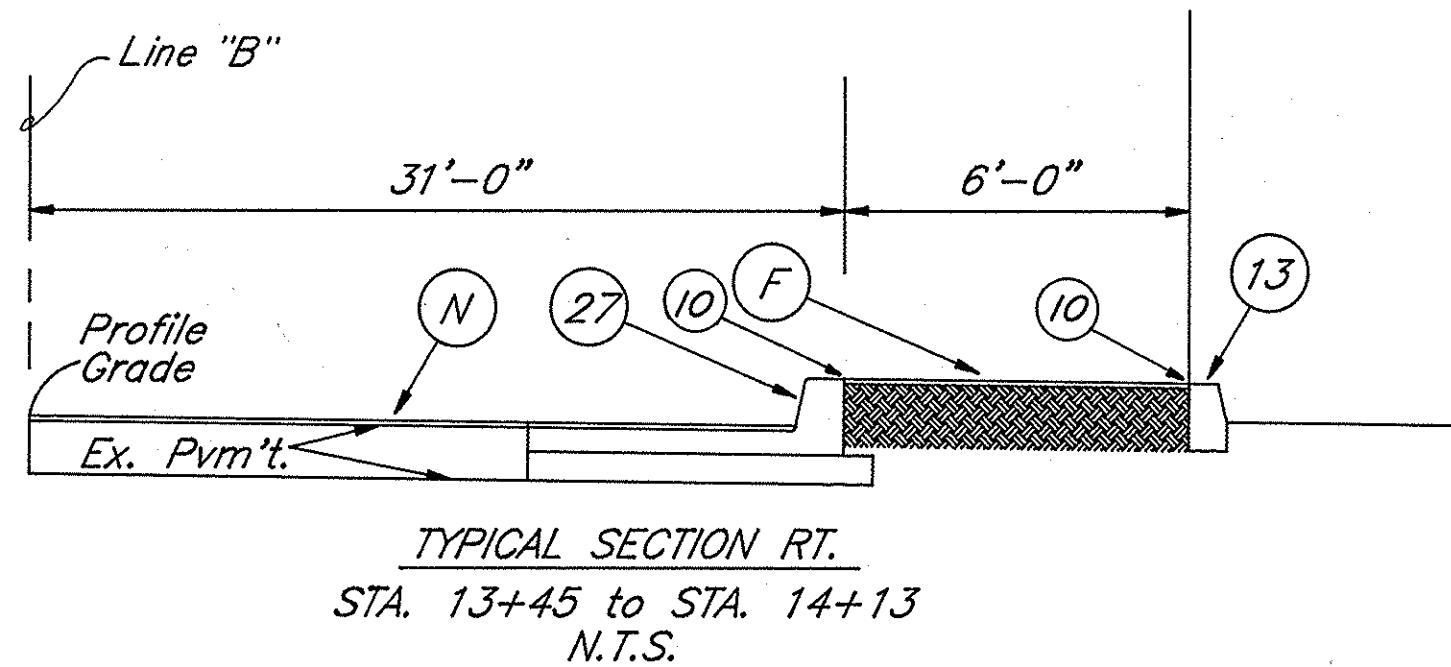
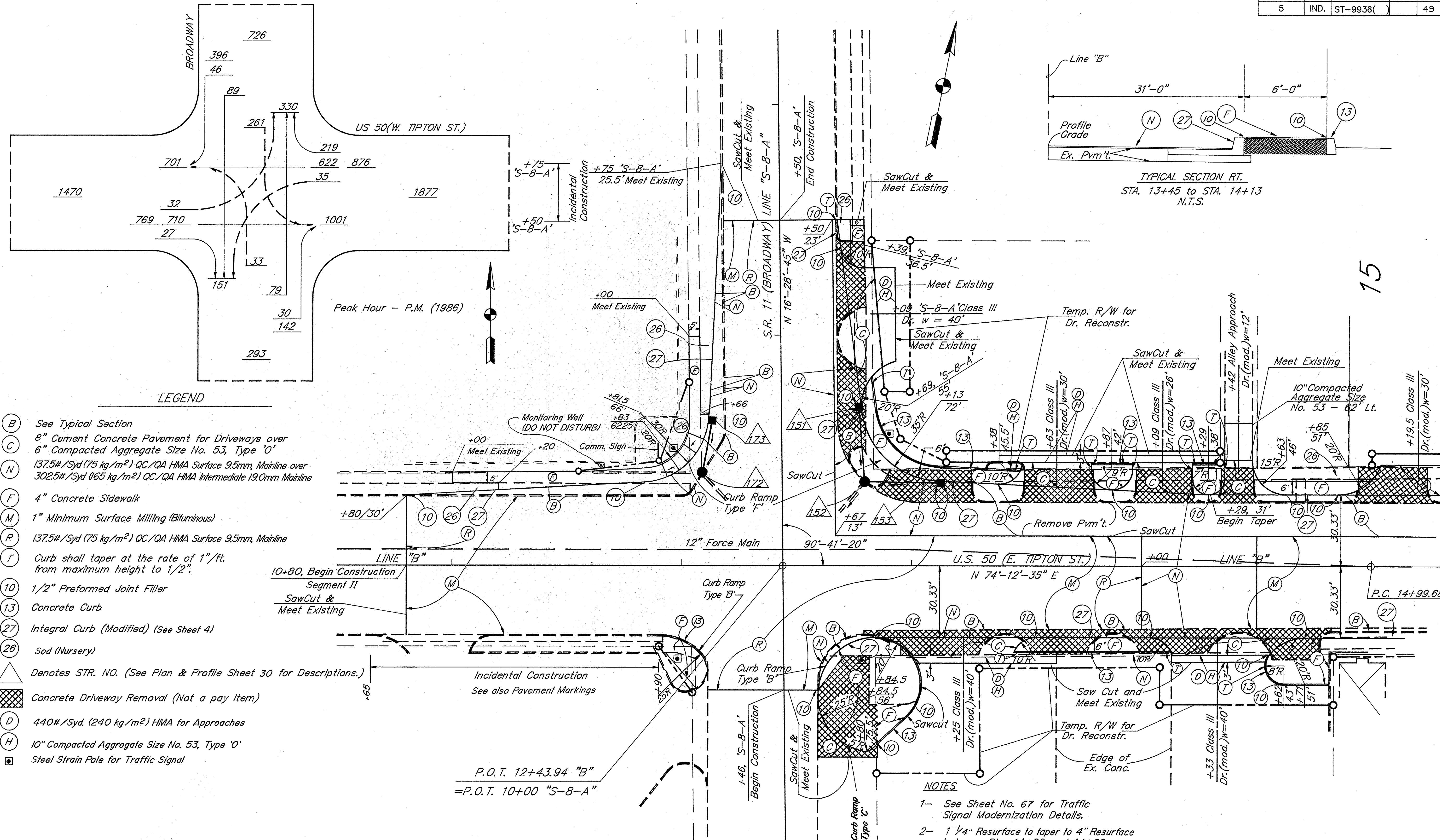
DETAILS

Scale: 1" = 20'



R-24840

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		49	159



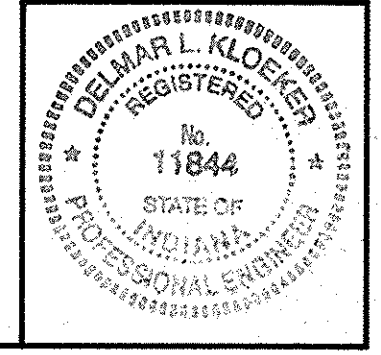
- LEGEND**
- (B) See Typical Section
 - (C) 8" Cement Concrete Pavement for Driveways over
 - (N) 6" Compacted Aggregate Size No. 53, Type 'O'
 - (F) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm Mainline
 - (M) 4" Concrete Sidewalk
 - (R) 1" Minimum Surface Milling (Bituminous)
 - (T) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline
 - (10) Curb shall taper at the rate of 1"/ft. from maximum height to 1/2".
 - (13) 1/2" Preformed Joint Filler
 - (27) Concrete Curb
 - (26) Integral Curb (Modified) (See Sheet 4)
 - (26) Sod (Nursery)
 - ▲ Denotes STR. NO. (See Plan & Profile Sheet 30 for Descriptions.)
 - ▨ Concrete Driveway Removal (Not a pay item)
 - (D) 440#/Syd. (240 kg/m²) HMA for Approaches
 - (H) 10" Compacted Aggregate Size No. 53, Type 'O'
 - Steel Strain Pole for Traffic Signal

- NOTES**
- See Sheet No. 67 for Traffic Signal Modernization Details.
 - 1 1/4" Resurface to taper to 4" Resurface between Sta. 14+00 and 14+60
 - 4" Resurface to taper to 1 1/4" Resurface between Sta. 17+90 and 18+50.
 - Approximately 130T of wedge and level material req'd between Sta. 13+75 and 17+25. See Plan and Profile.

CONSTRUCTION DETAILS

Scale: 1" = 20'

R-24846



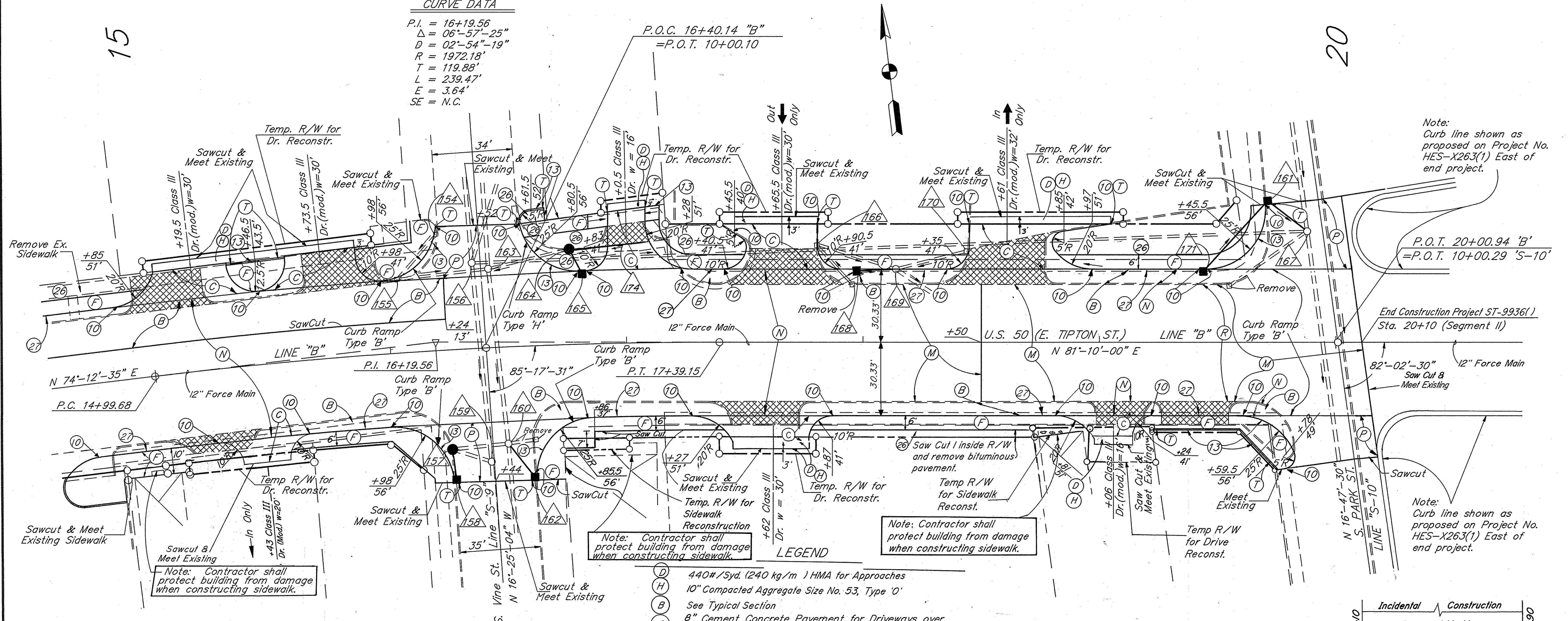
Date: 04/29/97
 Rev.: 05/14/98
 09/25/98
 03/11/99
 HWY50C1.DWG

FEDERAL ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IND.	ST-9936()		50	159

CURVE DATA

P.I. = 16+19.56
 $\Delta = 06^{\circ}-57'-25''$
 $D = 02^{\circ}-54'-19''$
 $R = 1972.18'$
 $T = 119.88'$
 $L = 239.47'$
 $E = 3.64'$
 $SE = N.C.$

P.O.C. 16+40.14 "B"
 =P.O.T. 10+00.10



Note: Contractor shall protect building from damage when constructing sidewalk.

Note: Contractor shall protect building from damage when constructing sidewalk.

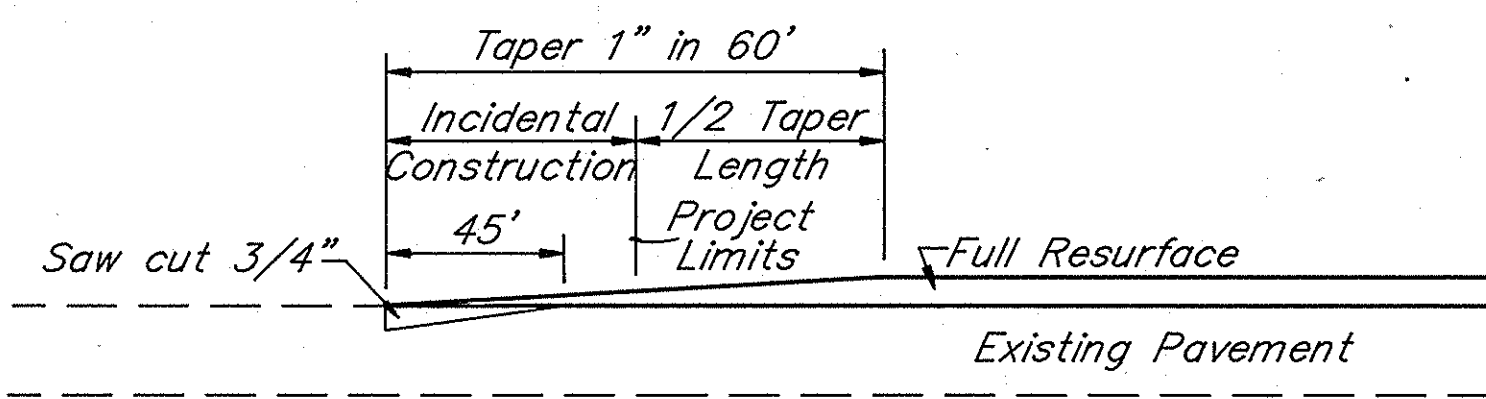
Note: Curb line shown as proposed on Project No. HES-X263(1) East of end project.

End Construction Project ST-9936() Sta. 20+10 (Segment II)

Note: Curb line shown as proposed on Project No. HES-X263(1) East of end project.

- LEGEND
- (D) 440#/Syd. (240 kg/m³) HMA for Approaches
 - (H) 10" Compacted Aggregate Size No. 53, Type 'O'
 - (B) See Typical Section
 - (C) 8" Cement Concrete Pavement for Driveways over 6" Compacted Aggregate Size No. 53, Type 'O'
 - (F) 4" Concrete Sidewalk
 - (M) 1" Minimum Surface Milling (Bituminous)
 - (N) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm Mainline
 - (P) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline over 302.5#/Syd (165 kg/m²) QC/QA HMA Intermediate 19.0mm, Mainline over 880#/Syd (480 kg/m²) HMA Base 25mm
 - (R) 137.5#/Syd (75 kg/m²) QC/QA HMA Surface 9.5mm, Mainline
 - (T) Curb shall taper at the rate of 1"/ft. from maximum height to 1/2".
 - (10) 1/2" Preformed Joint Filler
 - (13) Concrete Curb
 - (27) Integral Concrete Curb (Modified) (See Sheet 4)
 - (26) Sod (Nursery)
 - △ Denotes STR. NO. (See Plan & Profile Sheet for Descriptions.)
 - ▨ Concrete Driveway Removal (Not a pay item)

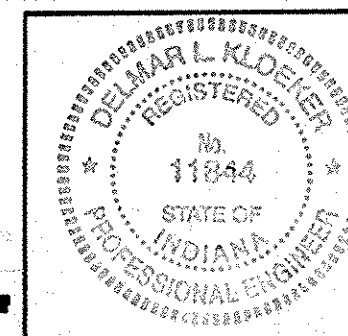
NOTES:
 1- 4" Resurface to taper to 1 1/4" Resurface between Sta. 17+90 and 18+50



TYPICAL SECTION SHOWING RESURFACE FEATHERING AT BEGINNING AND END OF PROJECT

CONSTRUCTION DETAILS

Scale: 1" = 20'



B-24846