PROJECT	DESIGNATION
1400005	1400005
CONTRACT	R-37845

INDIANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

U.S. 41 and HILLSDALE ROAD

INTERSECTION IMPROVEMENT PROJECT

PROJECT NO. 1400005 PE

PROJECT NO. 1400005 RW

PROJECT NO. 1400005 CN

Intersection improvement project along U.S. 41 at the intersection of Hillsdale Road.
All in Sections 17 and 20, T-5-S, R-10-W, Vanderburgh County, Indiana.

GROSS LENGTH: Ft. (0.4 mi.) RP 10+866 TO RP 11+263
NET LENGTH: Ft. (0.4 mi.) MAX. GRADE: 0.50 %

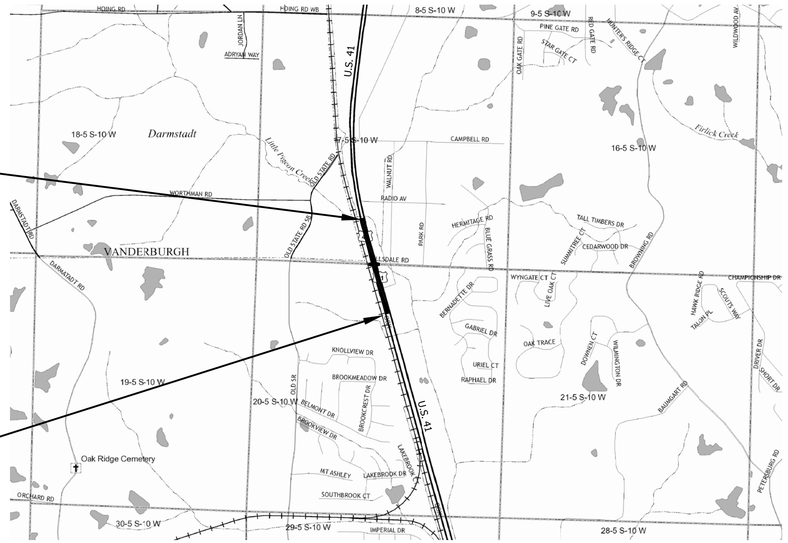
LATITUDE: 38° 04' 46" N LONGITUDE: 87° 33' 18" W

TRAFFIC DATA	
U.S. 41	
A.A.D.T. (2020)	21,200 V.P.D.
A.A.D.T. (2045)	27,200 V.P.D.
D.H.V. (2045)	2,600 V.P.H.
DIRECTIONAL DISTRIBUTION	50%–50%
TRUCKS	13% A.A.D.T.
	5% D.H.V.
DESIGN DATA	
DESIGN SPEED	60 M.P.H.
PROJECT DESIGN CRITERIA	3R (Non–Freeway)
FUNCTIONAL CLASSIFICATION	Principal Arterial (Other)
RURAL/URBAN	RURAL
TERRAIN	LEVEL
ACCESS CONTROL	PARTIAL

PROJECT LOCATION SHOWN BY

END PROJECT
STA. 729+42.33 LINE "B"

BEGIN PROJECT
STA. 708+45.00 LINE "B"



SCALE 1:1500

0 750 1500 3000

Vanderburgh County

These Plans Prepared By:

First Group ENGINEERING, INC.

5925 Lakeside Blvd.
Indianapolis, Indiana 46278
(317) 290-9549

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2020
TO BE USED WITH THESE PLANS

PLANS PREPARED BY: FIRST GROUP ENGINEERING, INC. (317) 290-9549
PHONE NUMBER

CERTIFIED BY: _____ DATE

APPROVED FOR LETTING: _____
CHIEF, DIVISION OF DESIGN DATE

Public Hearing Plans 5-20-20

DESIGNATION	
1400005	
SHEETS	
1 of XX	
CONTRACT	PROJECT
R-37845	1400005

UTILITIES

COMMUNICATION
AT&T (Distribution)
134 N.W. 6th Street
Evansville, IN 47708
Attn: James Danhauer
Office: (812) 464-6054
Email: *jd3931@att.com*

AT&T (Transmission)
222 W. Jackson Street
Woodstock, IL 60098
Attn: Ken Colwell
Office: (312) 734-2223
Mobile: (630) 383-9249
Email: *kc1298@att.com*

Wide Open West
6600 Hank Avenue
Evansville, IN 47715
Attn: James Fambrough
Office: (812) 437-0395
Mobile: (812) 305-4756
Email: *james.fambrough@wowinc.com*

ELECTRIC
Vectren Energy
211 N.W. Riverside Drive
Evansville, IN 47708
Attn: Jody Chapman
Phone: (812) 491-4707
Mobile: (812) 228-9029
Email: *jody.chapman@centerpointenergy.com*

GAS
Vectren Energy (Distribution)
Attn: Shelby Williams
Office: (812) 491-5923
Mobile: (812) 228-7631
Email: *shelby.williams@centerpointenergy.com*

SANITARY SEWER
EWSU (Sewer)
1 S.E. 9th Street, Suite 200
Evansville, IN 47708
Attn: Jaclyn Schmitt
Office: (812) 421-2120
Email: *jschmitt@ewsu.com*

WATER
EWSU (Water)
1 S.E. 9th Street, Suite 200
Evansville, IN 47708
Attn: Ryan Mayer
Office: (812) 421-2120
Email: *rjmayer@ewsu.com*

Indiana 811
Know what's **below. Call** before you dig.

REVISIONS

SHEET NO.	DATE	REVISED

GENERAL NOTES

**	All Earth shoulders, median areas, and cut and fill slopes shall be plain or mulched seeded except where sodding is specified.

** REPRESENTS GENERAL NOTES REQUIRED

INDEX

SHEET NO.	DESIGNATION
1	TITLE SHEET
2	INDEX & INFORMATION SHEET
3 - 4	TYPICAL CROSS SECTIONS
5 - 6	PLAT NO. 1
7 - 16	MAINTENANCE OF TRAFFIC DETAILS
17 - 23	PLAN SHEETS
24 - 26	CONSTRUCTION DETAILS
27 - 33	PAVEMENT MARKING PLANS
34 - 46	SIGNING PLANS
47 - 54	LIGHTING PLANS
55	SUMMARY OF QUANTITIES & APPROACH TABLE
56	STRUCTURE DATA & PIPE MATERIALS TABLE
57 - 78	CROSS SECTIONS

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
INDEX & INFORMATION SHEET

HORIZONTAL SCALE	BRIDGE FILE
N/A	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	2 of XX
CONTRACT	PROJECT
R-37845	1400005

LEGEND

(A) Pavement Section for Overlay of Mainline Lanes, Existing Turn Lanes, Inside Shoulder and 4 ft of the Outside Shoulder:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
Milling, Asphalt, 1½ in.

(B) Pavement Section for Overlay of the Outside Shoulder Beyond 4 ft From the White Line:
165 #/Syd QC/QA HMA, 3, 64, Surface, 9.5 mm, on
Milling, profile

(C) HMA Section for Turn Lane Widening and Turn Lanes:
165 #/Syd QC/QA-HMA, 4, 76, Surface, 9.5mm on
385 #/Syd QC/QA-HMA, 3, 70, Intermediate, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
Compacted Aggregate, No. 53 (3" minimum thickness or as necessary to match the bottom of adjacent subbase), on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(D) HMA Section for Approaches:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
HMA for Approaches, Type C consisting of
385 #/Syd HMA Intermediate, Type C, on
385 #/Syd HMA Base, Type C, on
385 #/Syd HMA Base, Type C, on
3 inches of Compacted Aggregate, No. 53, on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(E) Pavement Removal, Asphalt

(F) Concrete Curb, Type B (Sloping)

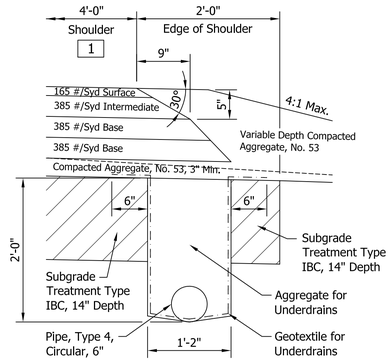
(O) Variable Depth Compacted Aggregate, No. 53

(T) Asphalt Material for Tack Coat

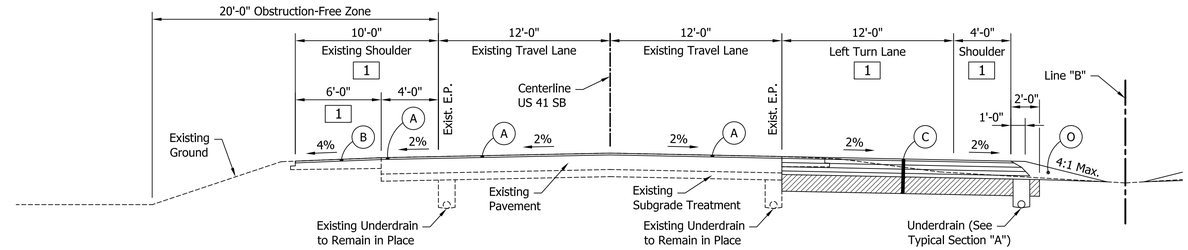
(26) Sodding, Nursery

(27) Seed Mixture, U

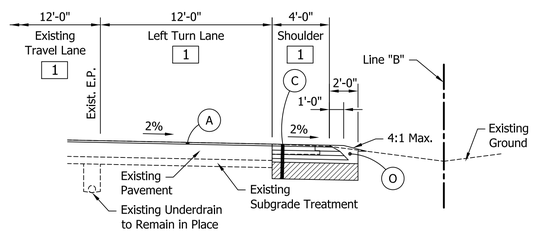
[1] Limits and Dimensions Vary
(See Construction Details)



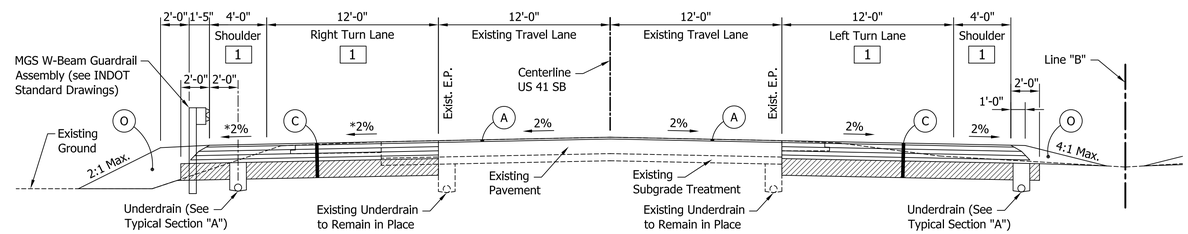
TYPICAL SECTION "A"
SAFETY EDGE DETAIL & UNDERDRAIN DETAIL
SCALE: 1" = 1'-0"



TYPICAL SECTION - US 41 SOUTHBOUND
MILL & RESURFACE MAINLINE PAVEMENT & OUTSIDE SHOULDER WITH
FULL DEPTH WIDENING FOR LEFT TURN LANE & INSIDE SHOULDER
STA. 709+67.00 TO STA. 718+12.65 LINE "B"
SCALE: 1" = 5'-0"

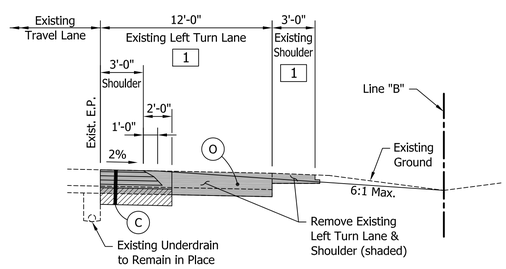


TYPICAL SECTION - US 41 SOUTHBOUND
MILL & RESURFACE LEFT TURN LANE WITH
FULL DEPTH WIDENING FOR INSIDE SHOULDER
STA. 720+07.36 TO STA. 722+26.83 LINE "B"
SCALE: 1" = 5'-0"

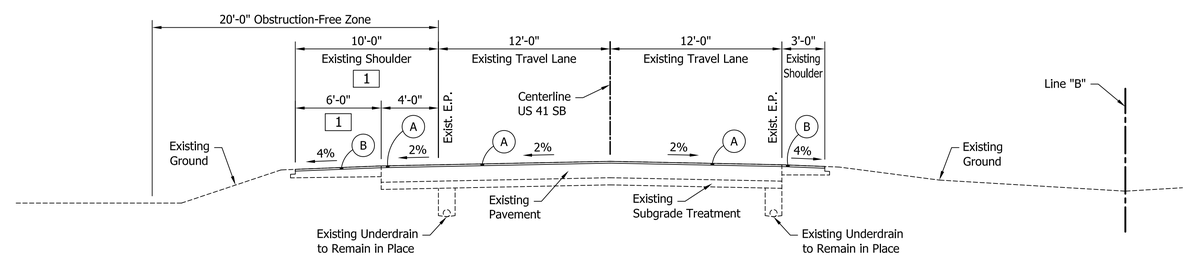


* Varies to Reverse Crown Sta. 718+50 to
Sta. 720+50 (See Edge Transition Diagram)

TYPICAL SECTION - US 41 SOUTHBOUND
MILL & RESURFACE MAINLINE PAVEMENT WITH FULL DEPTH
WIDENING FOR LEFT & RIGHT TURN LANES & SHOULDERS
STA. 718+12.65 TO STA. 728+89.91 LINE "B"
SCALE: 1" = 5'-0"



TYPICAL SECTION - US 41 SOUTHBOUND
INCIDENTAL CONSTRUCTION
REMOVE EXISTING LEFT TURN LANE & SHOULDER PAVEMENT, REGRADE
MEDIAN & ADD FULL DEPTH WIDENING FOR INSIDE SHOULDER
STA. 731+95.27 TO STA. 738+90.00 LINE "B"
SCALE: 1" = 5'-0"



TYPICAL SECTION - US 41 SOUTHBOUND
MILL & RESURFACE MAINLINE PAVEMENT &
SHOULDERS WITH NO FULL DEPTH WIDENING
STA. 708+45.00 TO STA. 709+67.00 LINE "B"
STA. 728+89.91 TO STA. 729+42.33 LINE "B"
SCALE: 1" = 5'-0"

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: G.S.H.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
TYPICAL CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	3 of XX
CONTRACT	PROJECT
R-37845	1400005

LEGEND

(A) Pavement Section for Overlay of Mainline Lanes, Existing Turn Lanes, Inside Shoulder and 4 ft of the Outside Shoulder:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
Milling, Asphalt, 1½ in.

(B) Pavement Section for Overlay of the Outside Shoulder Beyond 4 ft From the White Line:
165 #/Syd QC/QA HMA, 3, 64, Surface, 9.5 mm, on
Milling, profile

(C) HMA Section for Turn Lane Widening and Turn Lanes:
165 #/Syd QC/QA-HMA, 4, 76, Surface, 9.5mm on
385 #/Syd QC/QA-HMA, 3, 70, Intermediate, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
Compacted Aggregate, No. 53 (3" minimum thickness or as necessary to match the bottom of adjacent subbase), on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(D) HMA Section for Approaches:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
HMA for Approaches, Type C consisting of
385 #/Syd HMA Intermediate, Type C, on
385 #/Syd HMA Base, Type C, on
385 #/Syd HMA Base, Type C, on
3 inches of Compacted Aggregate, No. 53, on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(E) Pavement Removal, Asphalt

(F) Concrete Curb, Type B (Sloping)

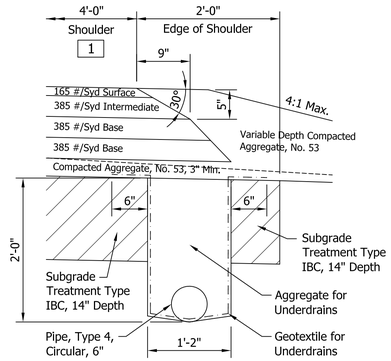
(O) Variable Depth Compacted Aggregate, No. 53

(T) Asphalt Material for Tack Coat

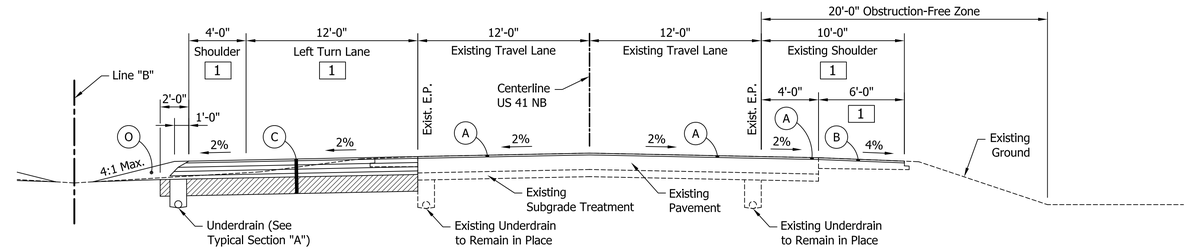
(26) Sodding, Nursery

(27) Seed Mixture, U

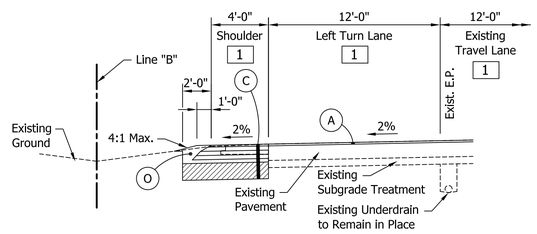
[1] Limits and Dimensions Vary
(See Construction Details)



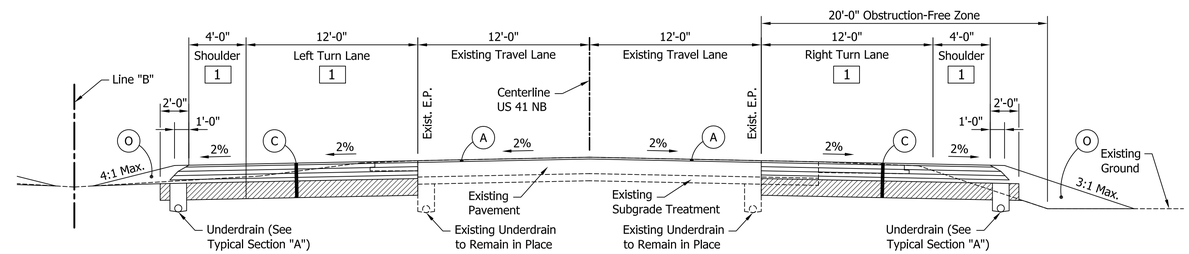
TYPICAL SECTION "A"
SAFETY EDGE DETAIL & UNDERDRAIN DETAIL
SCALE: 1" = 1'-0"



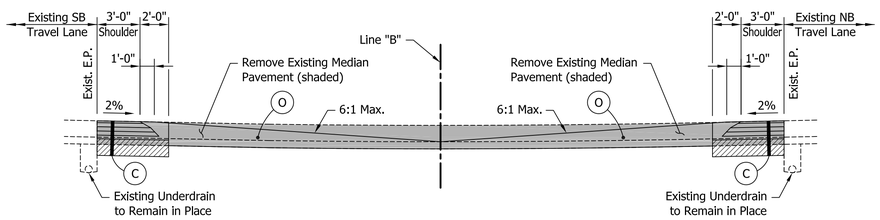
TYPICAL SECTION - US 41 NORTHBOUND
MILL & RESURFACE MAINLINE PAVEMENT & OUTSIDE SHOULDER WITH
FULL DEPTH WIDENING FOR LEFT TURN LANE & INSIDE SHOULDER
STA. 711+12.68 TO STA. 714+20.61 LINE "B"
STA. 720+10.28 TO STA. 728+73.42 LINE "B"
SCALE: 1" = 5'-0"



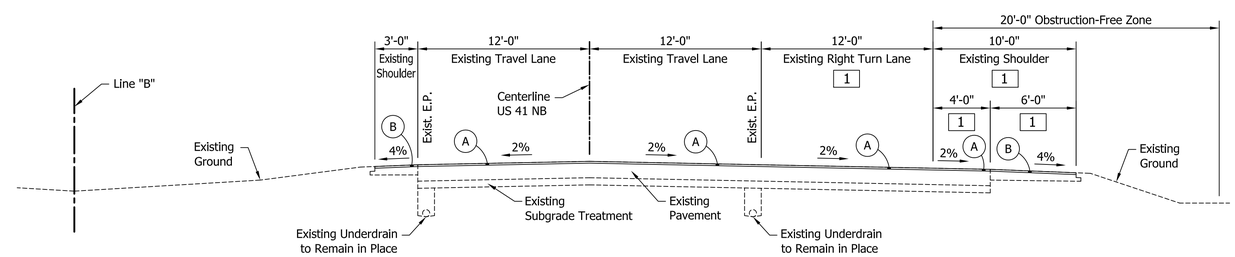
TYPICAL SECTION - US 41 NORTHBOUND
MILL & RESURFACE LEFT TURN LANE WITH
FULL DEPTH WIDENING FOR INSIDE SHOULDER
STA. 715+99.23 TO STA. 717+98.41 LINE "B"
SCALE: 1" = 5'-0"



TYPICAL SECTION - US 41 NORTHBOUND
MILL & RESURFACE MAINLINE PAVEMENT WITH FULL DEPTH
WIDENING FOR LEFT & RIGHT TURN LANES & SHOULDERS
STA. 714+20.61 TO STA. 717+88.70 LINE "B"
SCALE: 1" = 5'-0"



TYPICAL SECTION - US 41 MEDIAN AT RADIO AVENUE
INCIDENTAL CONSTRUCTION
REMOVE EXISTING MEDIAN PAVEMENT, REGRADE MEDIAN &
ADD FULL DEPTH WIDENING FOR INSIDE SHOULDERS
STA. 731+95.27 TO STA. 732+87.95 LINE "B"
SCALE: 1" = 5'-0"



TYPICAL SECTION - US 41 NORTHBOUND
MILL & RESURFACE MAINLINE PAVEMENT &
SHOULDERS WITH NO FULL DEPTH WIDENING
STA. 708+45.00 TO STA. 711+12.68 LINE "B"
STA. 717+88.70 TO STA. 720+10.28 LINE "B"
STA. 728+73.42 TO STA. 729+42.33 LINE "B"
SCALE: 1" = 5'-0"

Public Hearing Plans 5-20-20

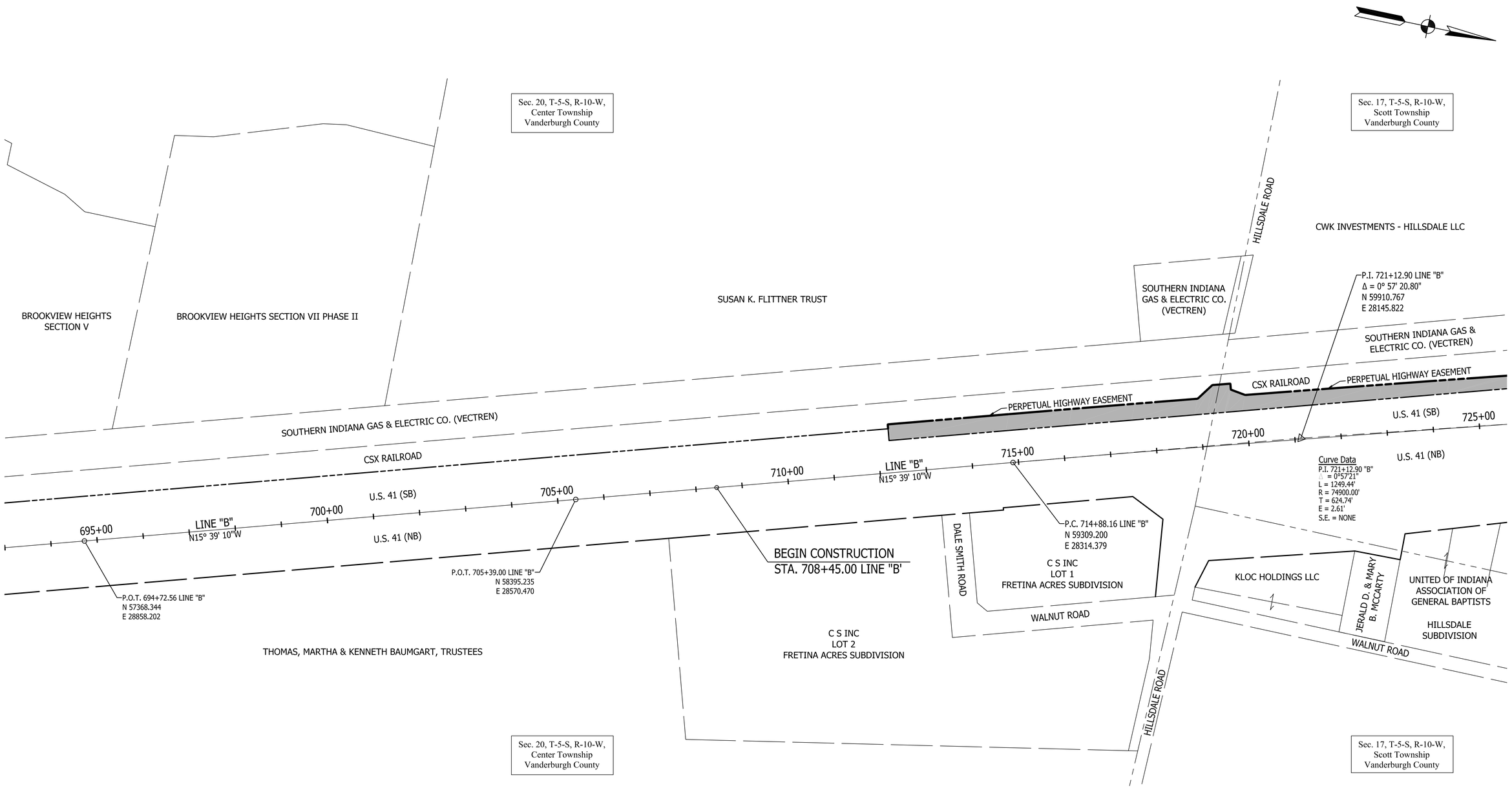
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: G.S.H.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
TYPICAL CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	4 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

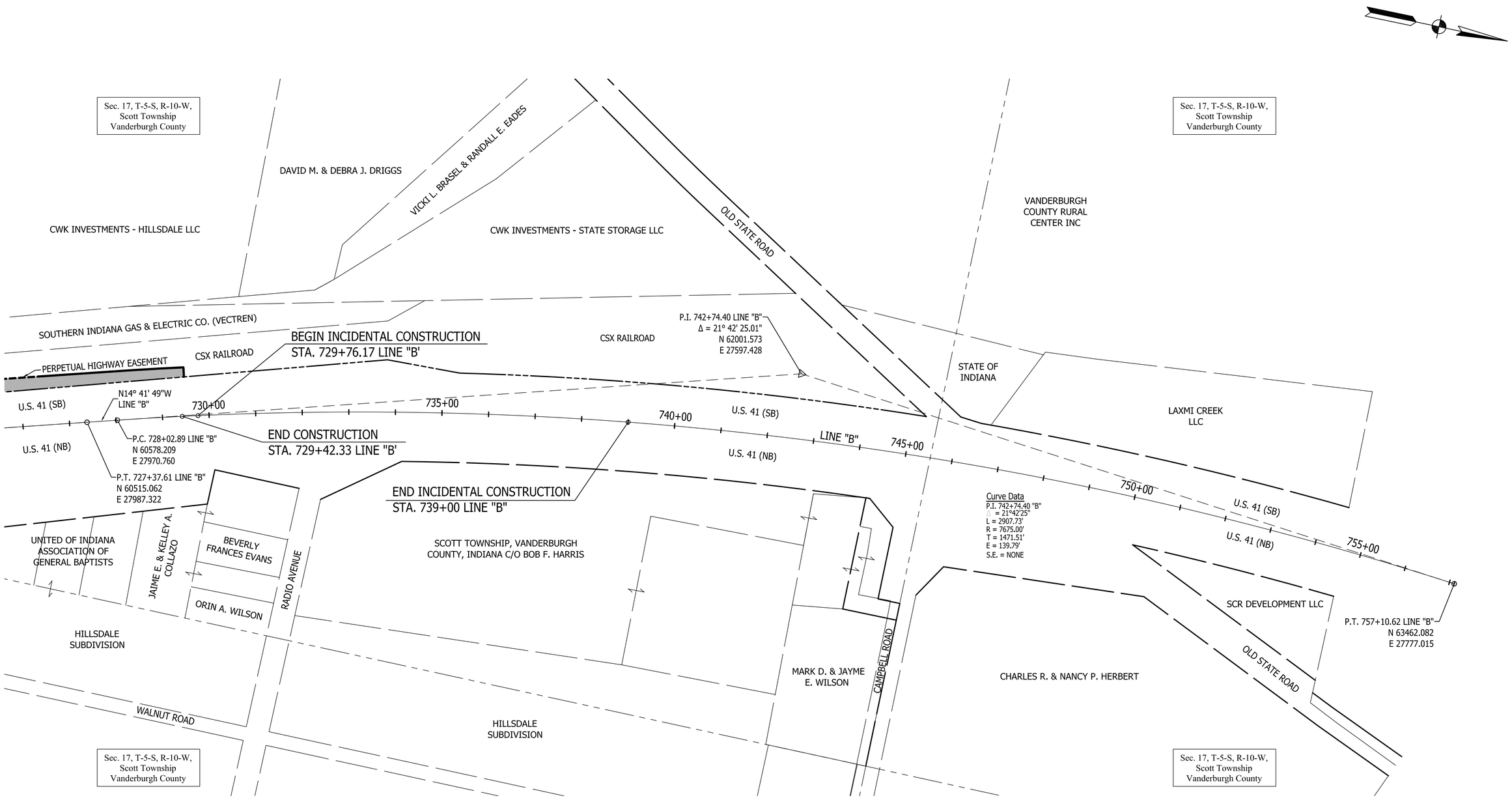
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: G.S.H.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
PLAT NO. 1 - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	5 of XX
CONTRACT	PROJECT
R-37845	1400005



Public
Hearing Plans
5-20-20

RECOMMENDED
FOR APPROVAL _____
DESIGN ENGINEER DATE

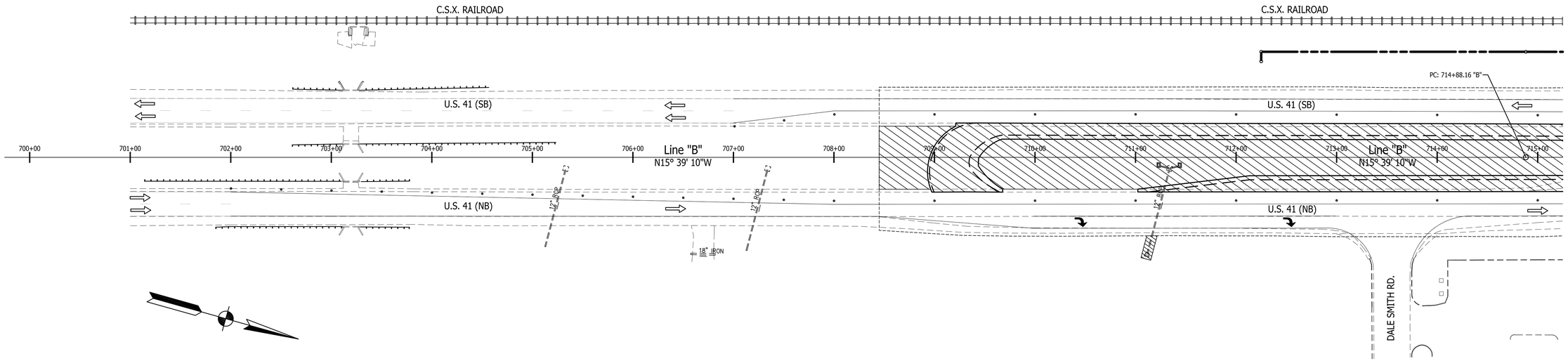
DESIGNED: M.J.K. DRAWN: G.S.H.

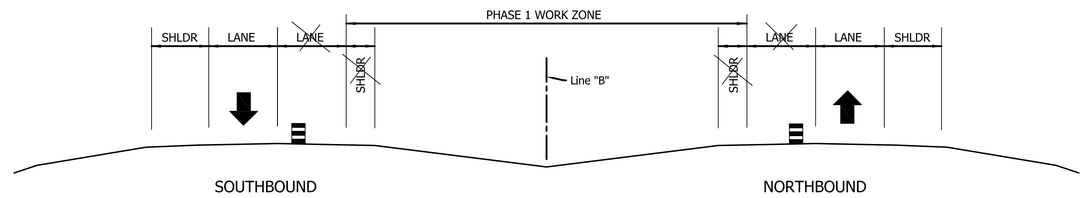
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
PLAT NO. 1 - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 100'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	6 of XX
CONTRACT	PROJECT
R-37845	1400005





LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

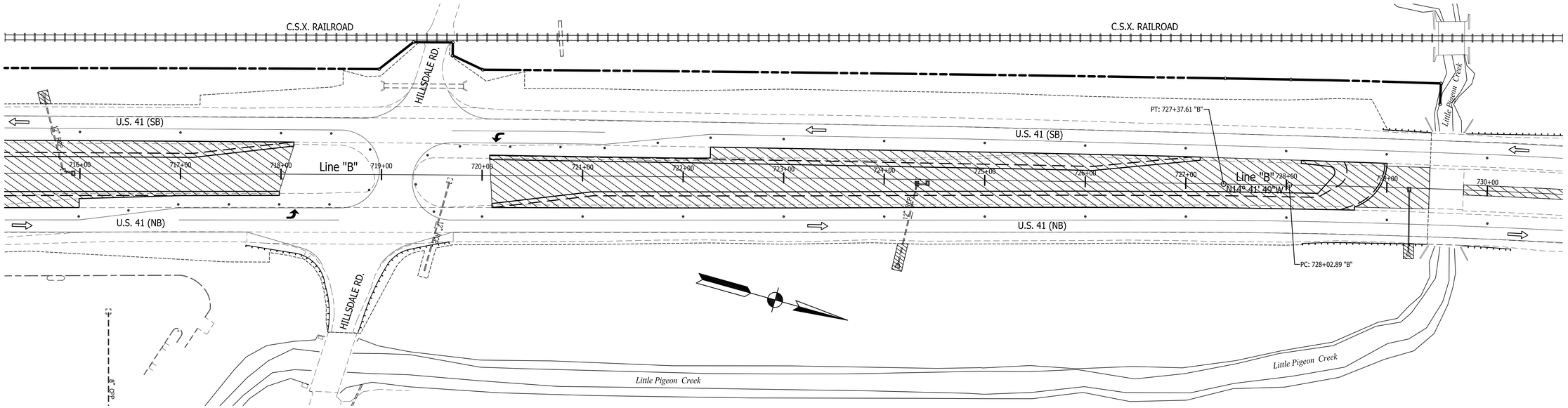
DESIGNED: M.J.K. DRAWN: G.S.H.

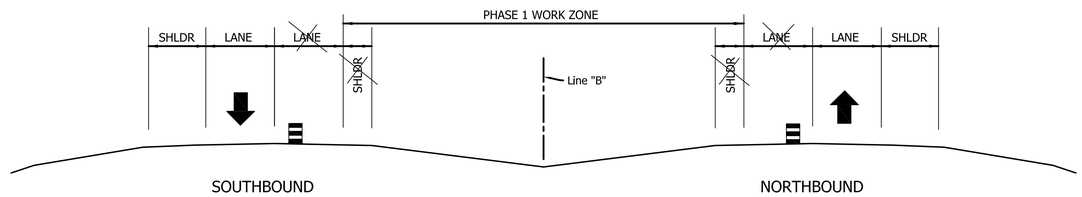
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
MAINTENANCE OF TRAFFIC - PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	7 of XX
CONTRACT	PROJECT
R-37845	1400005





LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

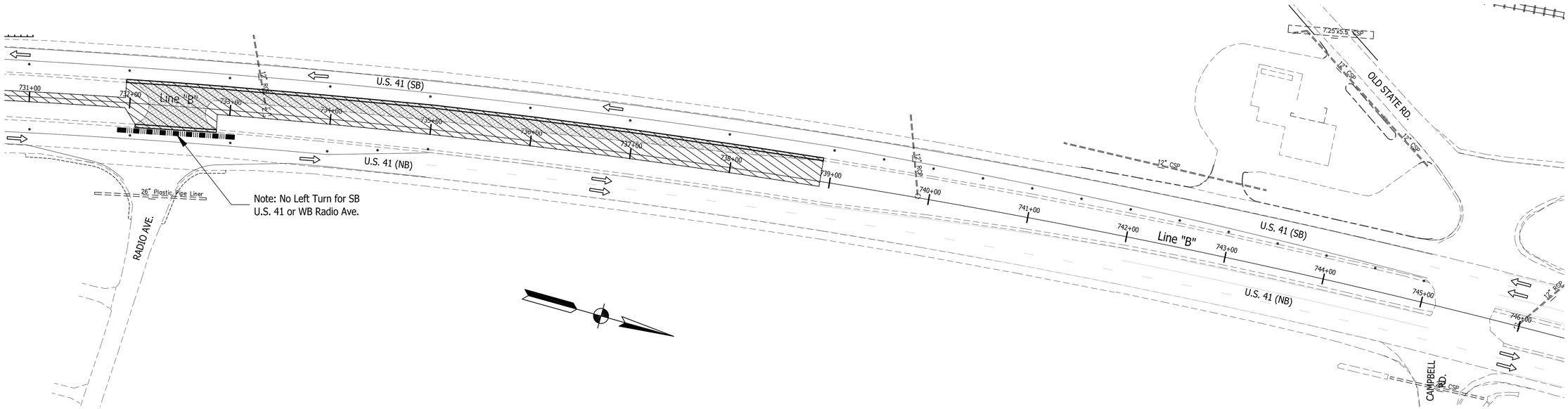
DESIGNED: M.J.K. DRAWN: G.S.H.

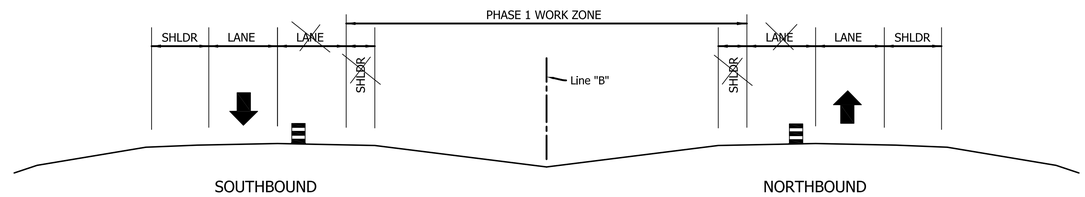
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD MAINTENANCE OF TRAFFIC - PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	8 of XX
CONTRACT	PROJECT
R-37845	1400005





LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

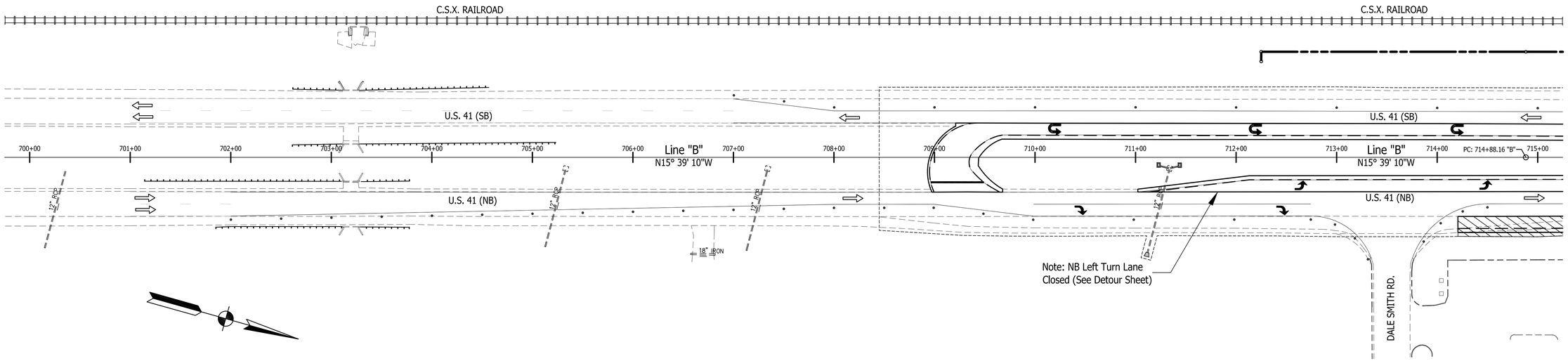
DESIGNED: M.J.K. DRAWN: G.S.H.

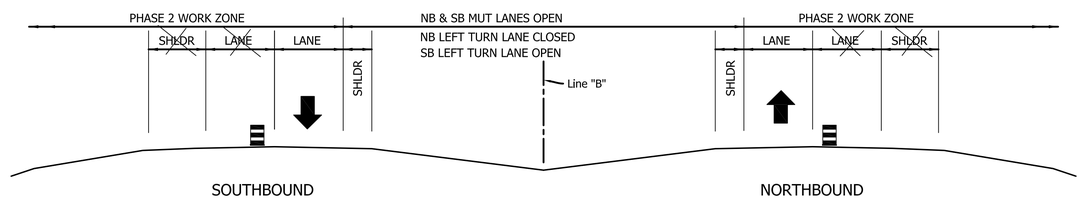
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
MAINTENANCE OF TRAFFIC - PHASE 1

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	9 of XX
CONTRACT	PROJECT
R-37845	1400005





MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

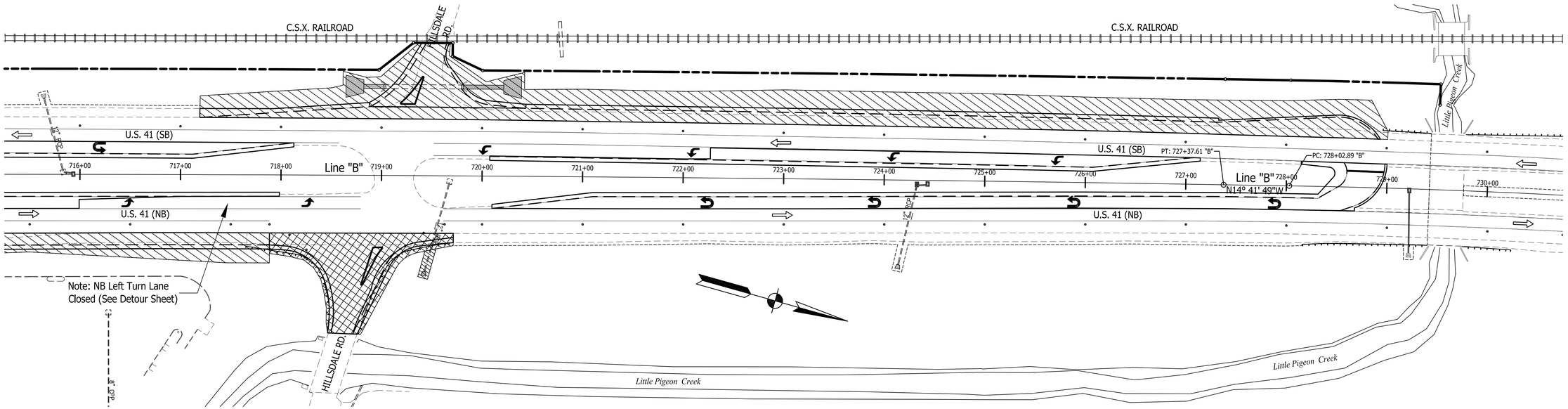
DESIGNED: M.J.K. DRAWN: G.S.H.

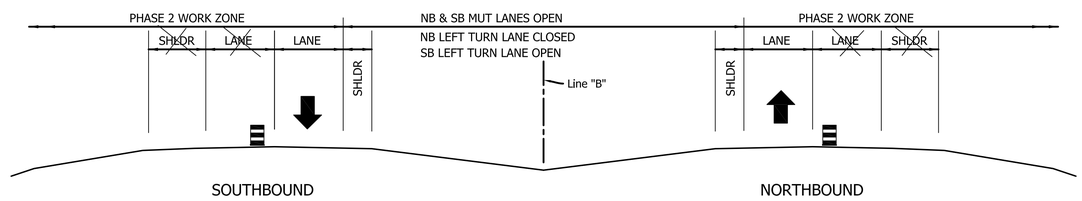
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
MAINTENANCE OF TRAFFIC - PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	10 of XX
CONTRACT	PROJECT
R-37845	1400005





LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

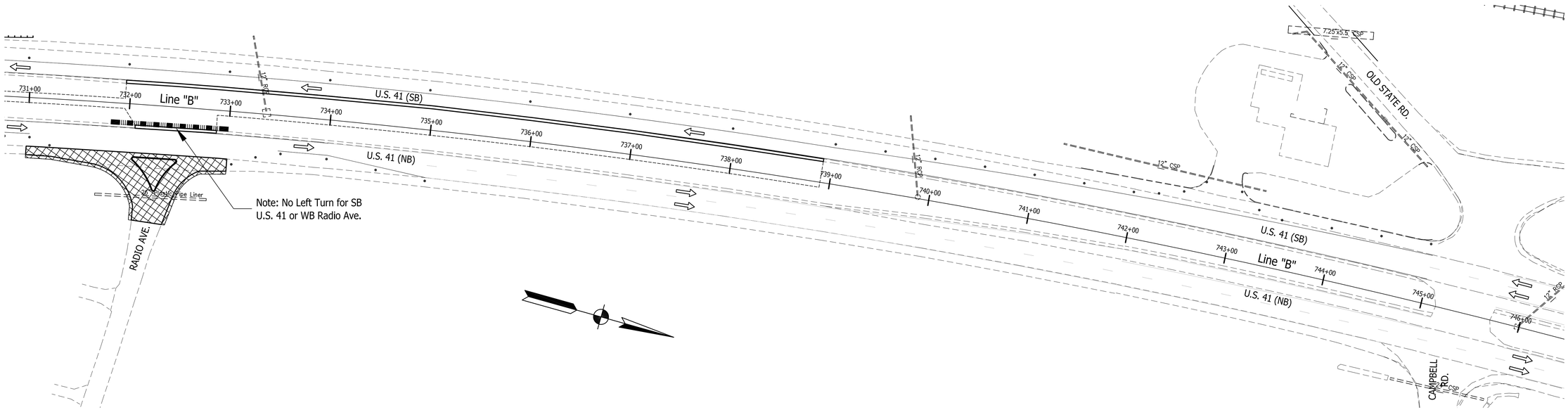
DESIGNED: M.J.K. DRAWN: G.S.H.

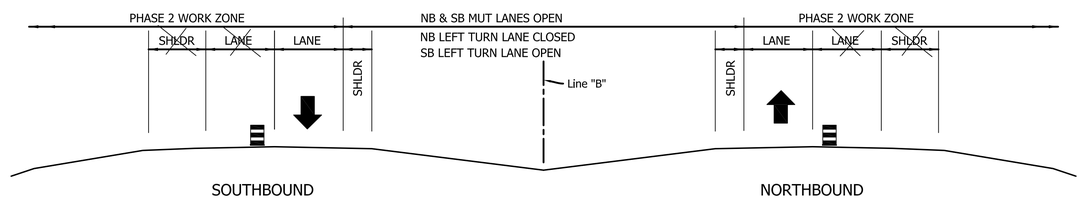
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
MAINTENANCE OF TRAFFIC - PHASE 2

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	11 of XX
CONTRACT	PROJECT
R-37845	1400005





LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: G.S.H.

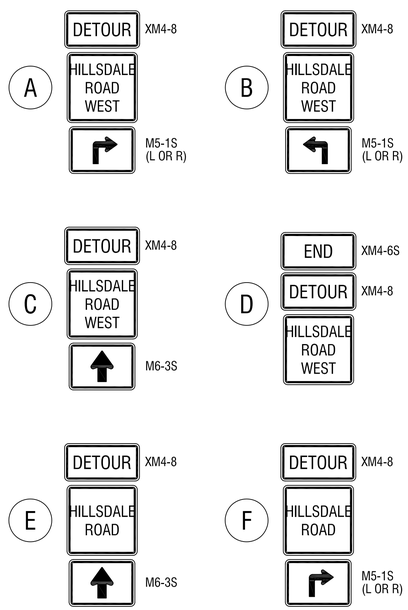
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

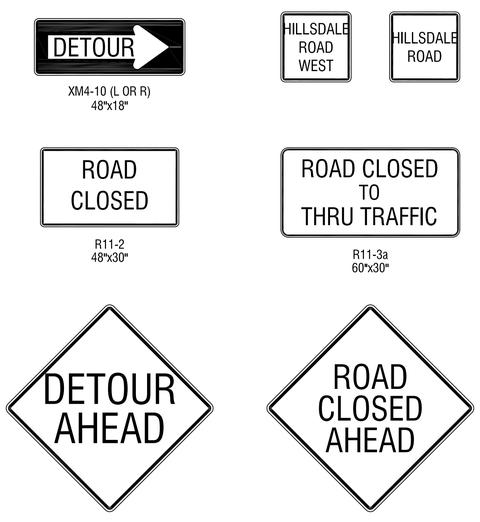
U.S. 41 AND HILLSDALE ROAD
MAINTENANCE OF TRAFFIC - PHASE 2

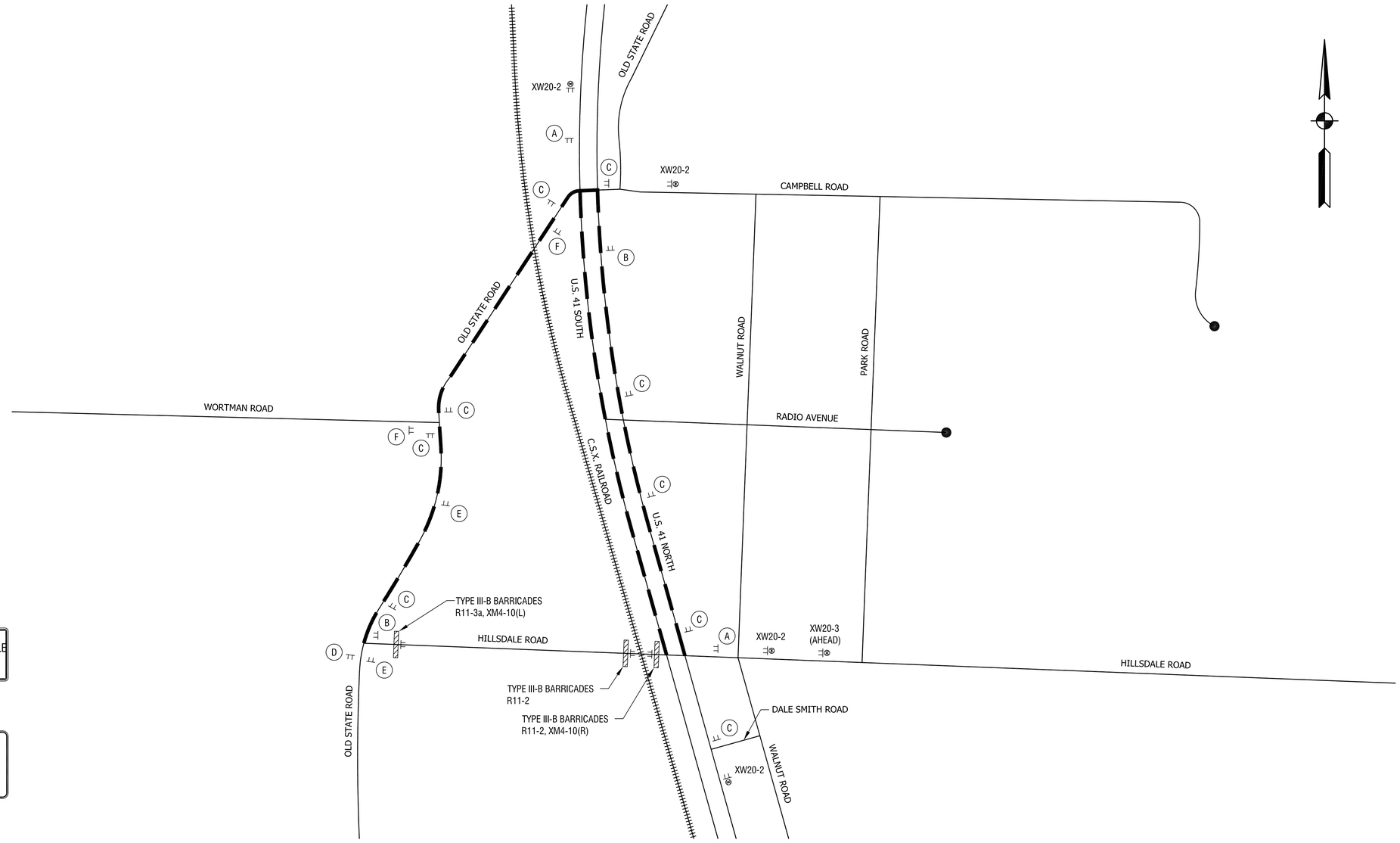
HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	12 of XX
CONTRACT	PROJECT
R-37845	1400005

DETOUR ROUTE MARKER ASSEMBLIES



CONSTRUCTION SIGNS





DETOUR NOTES:

1. THIS DETOUR IS TO BE USED FOR THE WEST APPROACH CLOSURE OF HILLSDALE ROAD THROUGHOUT PHASE 2 OF CONSTRUCTION. SEE MAINTENANCE OF TRAFFIC DETAILS.
2. FOR CONSTRUCTION SIGN SPACING DETAILS SEE INDOT STANDARD DRAWINGS.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

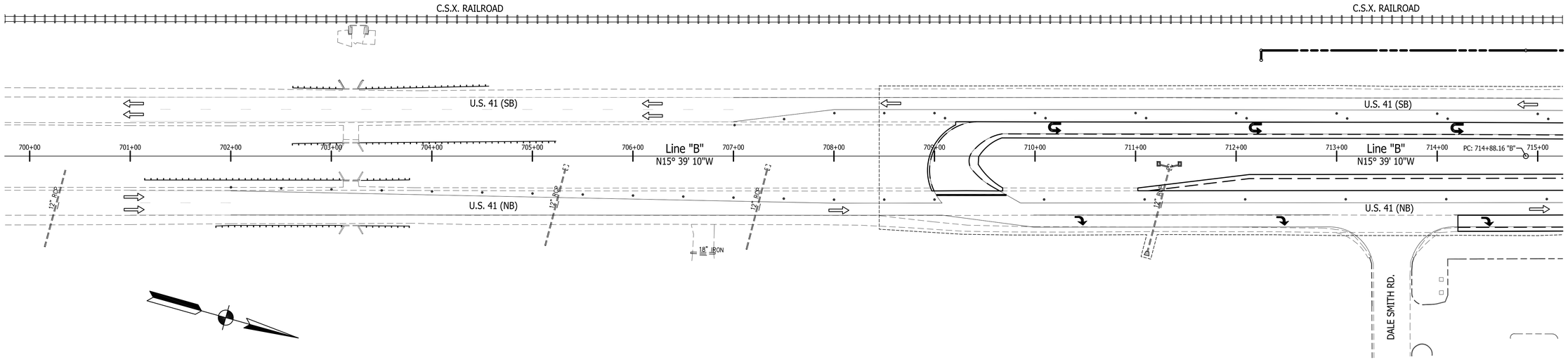
DESIGNED: M.J.K. DRAWN: G.S.H.

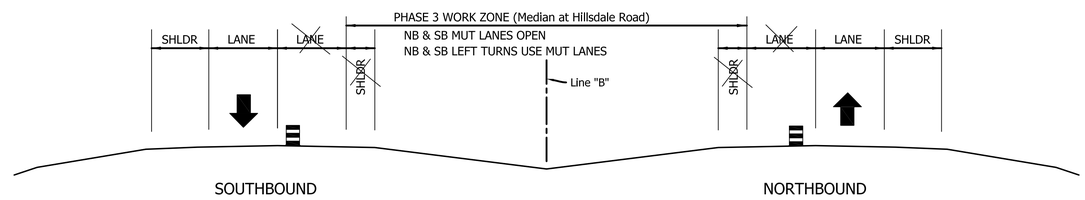
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD MAINTENANCE OF TRAFFIC - PHASE 2 HILLSDALE ROAD DETOUR PLAN

HORIZONTAL SCALE	BRIDGE FILE
1" = 300'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	13 of XX
CONTRACT	PROJECT
R-37845	1400005





LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

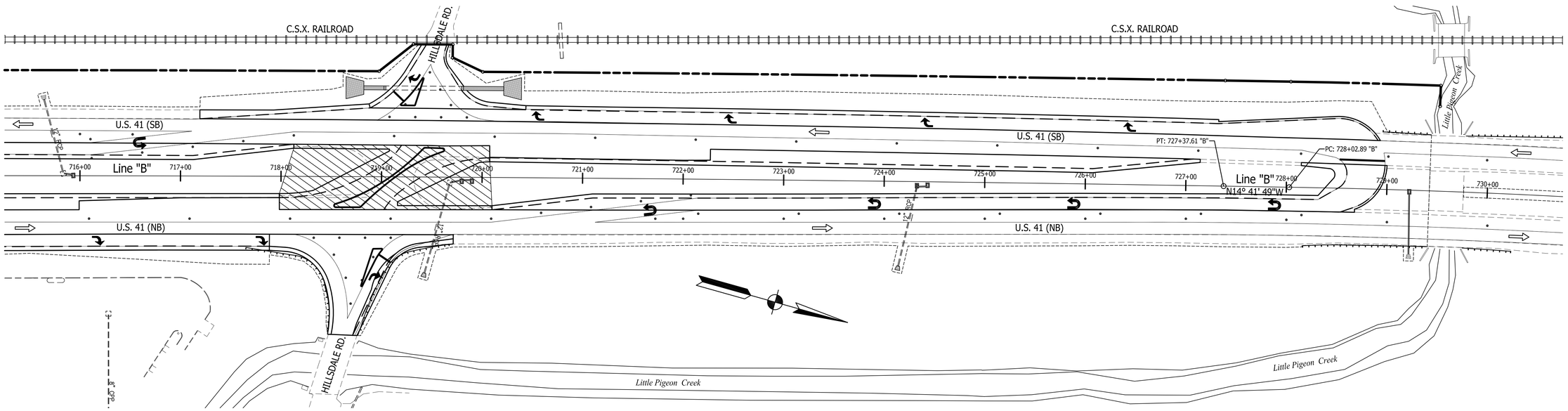
DESIGNED: M.J.K. DRAWN: G.S.H.

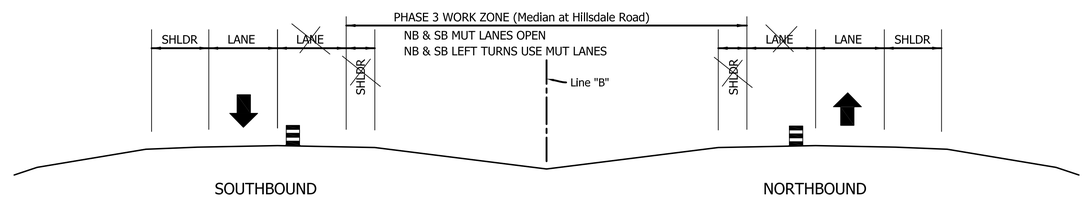
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
MAINTENANCE OF TRAFFIC - PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	14 of XX
CONTRACT	PROJECT
R-37845	1400005





LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

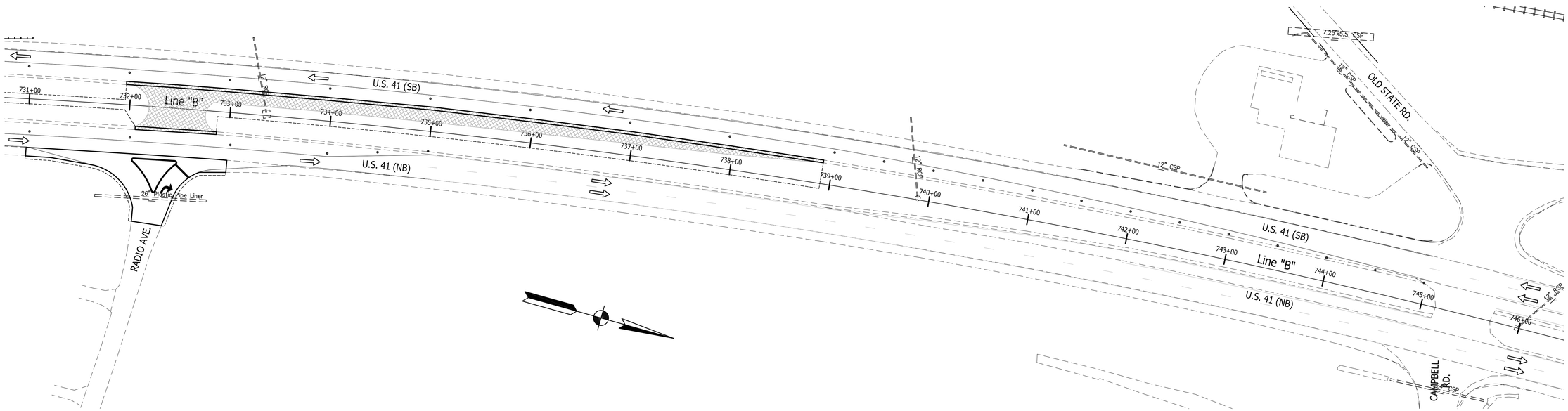
DESIGNED: M.J.K. DRAWN: G.S.H.

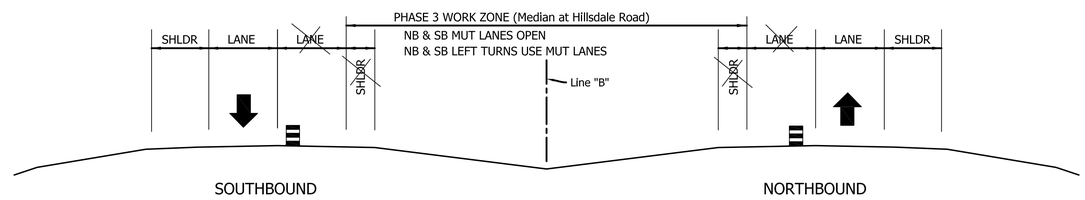
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD MAINTENANCE OF TRAFFIC - PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	15 of XX
CONTRACT	PROJECT
R-37845	1400005





LEGEND

- (T) HMA FOR TEMPORARY PAVEMENT, TYPE C, CONSISTING OF: 220#/SYS HMA SURFACE, TYPE C ON 440#/SYS HMA BASE, TYPE C ON 6" COMPACTED AGGREGATE, NO. 53, BASE ON SUBGRADE TREATMENT TYPE III
- (45) TEMPORARY PAVEMENT MARKING, 4" (WHITE)
- (46) TEMPORARY PAVEMENT MARKING, 4" (YELLOW)
- (47) TEMPORARY PAVEMENT MARKING, 24" (WHITE)
- (48) TEMPORARY PAVEMENT MARKING, 8" (WHITE)
- (49) TEMPORARY PAVEMENT MARKING, 12" (WHITE)
- STANDARD DRUMS (SEE STANDARD DRAWINGS FOR SPACING)
- CONSTRUCTION SIGN (A, B OR C)
- SIGN ASSEMBLY (ROAD CLOSURE OR DETOUR ROUTE MARKER)
- TEMPORARY BARRICADE, III-B
- TRAFFIC FLOW DIRECTION
- FLAGGER (UTILIZE AS NECESSARY)
- AREA TO BE CONSTRUCTED DURING THIS PHASE
- AREA TO BE CONSTRUCTED USING FLAGGERS AS NECESSARY
- AREA OF TEMPORARY HMA PAVEMENT PLACEMENT
- AREA OF PAVEMENT REMOVAL IN MEDIAN AREA

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH EACH MAINTENANCE OF TRAFFIC SCHEME SHALL BE REMOVED PRIOR TO CONSTRUCTION.
2. WHENEVER POSSIBLE PRIVATE DRIVEWAYS SHALL BE CONSTRUCTED IN PORTIONS TO ALLOW ACCESS TO PROPERTIES AT ALL TIMES. WHENEVER PRIVATE DRIVEWAYS ARE TOO NARROW TO ACCOMMODATE CONTINUOUS ACCESS, THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER AND WORK OUT A TIME SCHEDULE FOR DRIVEWAY CONSTRUCTION THAT WILL CAUSE THE LEAST INCONVENIENCE TO THE PROPERTY OWNER.
3. STREET APPROACHES ARE TO BE CLOSED TO THROUGH TRAFFIC DURING THEIR CONSTRUCTION. BEFORE ANY CLOSURES ARE MADE, THE CONTRACTOR MUST FIRST CONTACT LOCAL OFFICIALS, POLICE, FIRE, LOCAL SCHOOL OFFICIALS, U.S. POSTAL SERVICE, AND OTHERS AS NECESSARY TO MINIMIZE DISRUPTIONS TO LOCAL SERVICE. NO TWO ADJACENT APPROACHES SHALL BE CLOSED AT THE SAME TIME.
4. USE FLAGGERS AS NEEDED FOR SHORT DURATIONS. FOR TEMPORARY ADVANCE SIGNING REQUIREMENTS, SEE INDOT STANDARD DRAWINGS.
5. FOR DETAILS AND SPACING OF DETOUR SIGNS, CONSTRUCTION SIGNS AND CHANNELIZATION DEVICES, SEE INDOT STANDARD DRAWINGS.
6. ADVANCE SIGNING TO BE IN PLACE AT BEGINNING AND END OF PROJECT PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

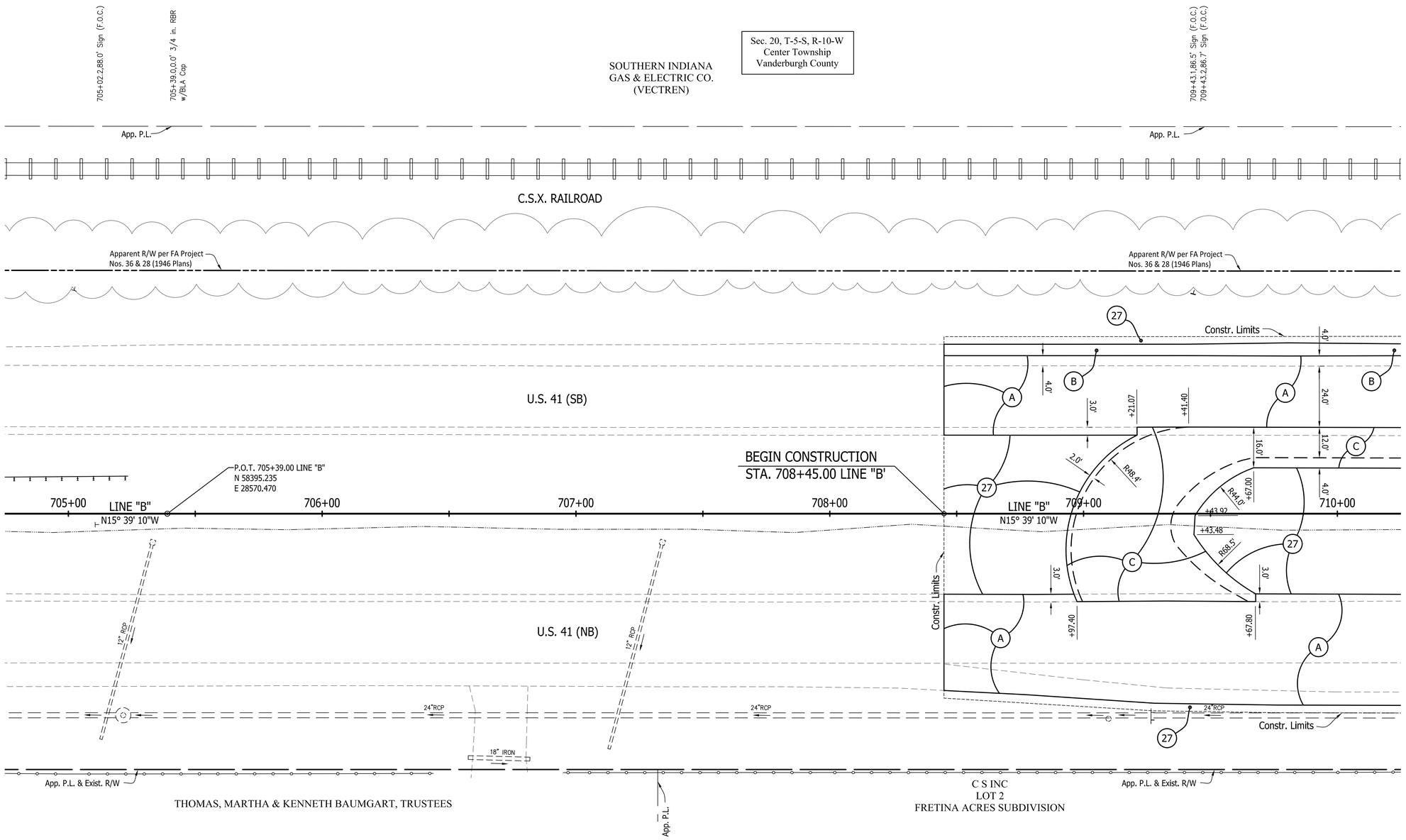
DESIGNED: M.J.K. DRAWN: G.S.H.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

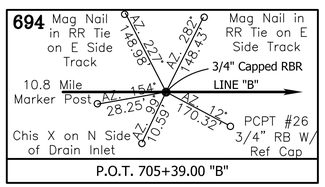
U.S. 41 AND HILLSDALE ROAD MAINTENANCE OF TRAFFIC - PHASE 3

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	16 of XX
CONTRACT	PROJECT
R-37845	1400005



Sec. 20, T-5-S, R-10-W
Center Township
Vanderburgh County

705+10.6,4.3' Sign MM
705+12.8,88.9' 12 in. R.C.P.
705+21.6,79.4' Sanitary M.H.
705+33.2,11.3' 24 x 24 in. Inlet



706+57.6,96.1' 18 in. Pipe Iron
706+81.8,96.7' 18 in. Pipe Iron
707+13.0,92.7' 12 in. R.C.P.
707+34.1,11.3' 24 x 24 in. Inlet
709+09.78,80.9' Sanitary M.H.
709+26.6,78.4' Sign (Info.)

LEGEND

(A) Pavement Section for Overlay of Mainline Lanes, Existing Turn Lanes, Inside Shoulder and 4 ft of the Outside Shoulder:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
Milling, Asphalt, 1½ in.

(B) Pavement Section for Overlay of the Outside Shoulder Beyond 4 ft From the White Line:
165 #/Syd QC/QA HMA, 3, 64, Surface, 9.5 mm, on
Milling, profile

(C) HMA Section for Turn Lane Widening and Turn Lanes:
165 #/Syd QC/QA-HMA, 4, 76, Surface, 9.5mm on
385 #/Syd QC/QA-HMA, 3, 70, Intermediate, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
Compacted Aggregate, No. 53 (3" minimum thickness or as necessary to match the bottom of adjacent subbase), on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(D) HMA Section for Approaches:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
HMA for Approaches, Type C consisting of
385 #/Syd HMA Intermediate, Type C, on
385 #/Syd HMA Base, Type C, on
385 #/Syd HMA Base, Type C, on
3 inches of Compacted Aggregate, No. 53, on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(E) Pavement Removal, Asphalt

(F) Concrete Curb, Type B (Sloping)

(O) Variable Depth Compacted Aggregate, No. 53

(T) Asphalt Material for Tack Coat

(26) Sodding, Nursery

(27) Seed Mixture, U

NOTES:

1. ALL R/W AND EXISTING TOPOGRAPHY DESCRIBED FROM LINE "B" EXCEPT AS SHOWN
2. P.H.E. = PERPETUAL HIGHWAY EASEMENT

Public Hearing Plans 5-20-20

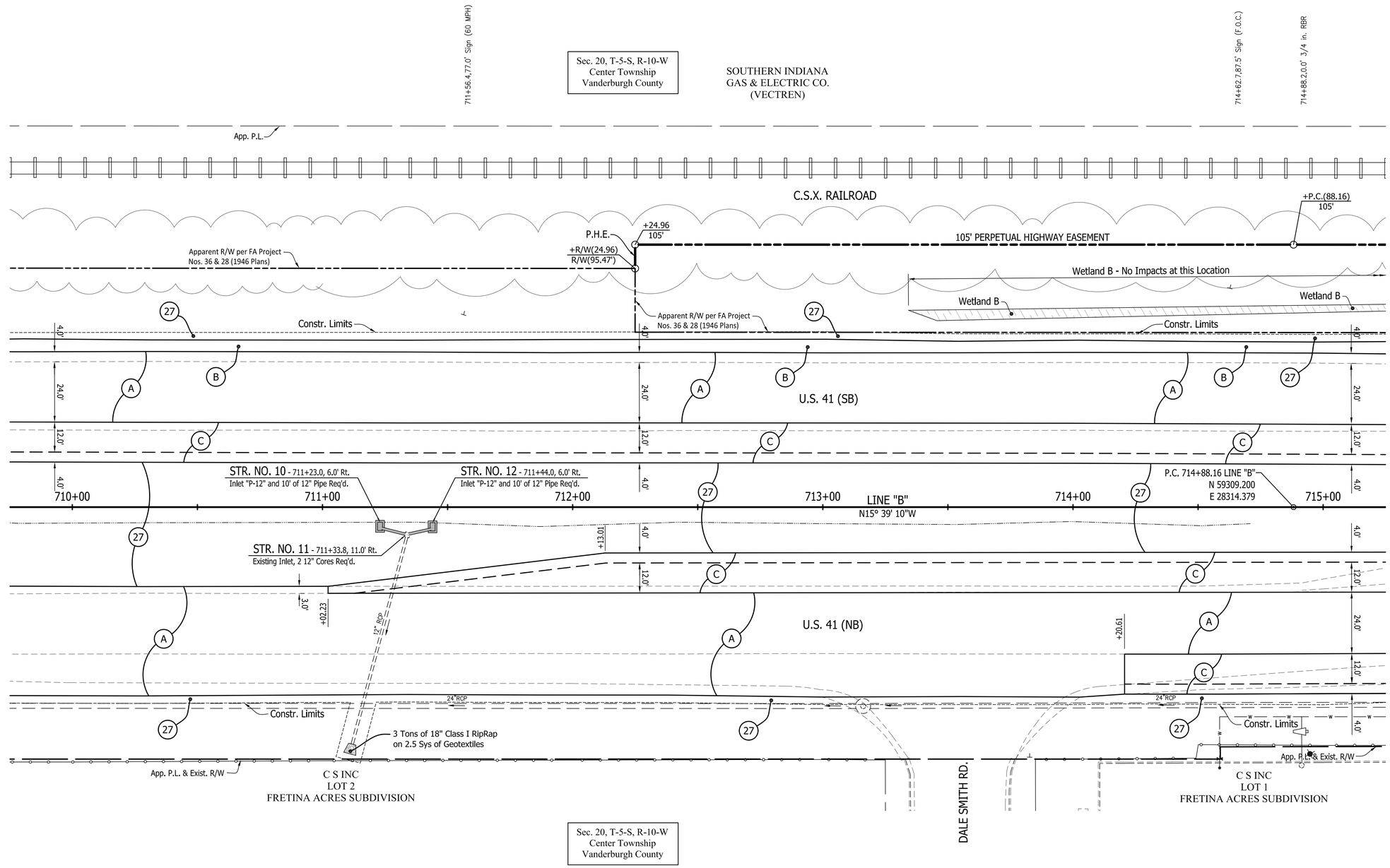
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

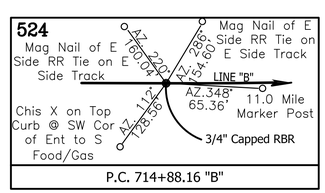
INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PLAN SHEETS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	17 of XX
CONTRACT	PROJECT
R-37845	1400005



Sec. 20, T-5-S, R-10-W
Center Township
Vanderburgh County



711+11.9,94.8' 12 in. R.C.P.
711+33.9,11.1' 24 x 24 in. Inlet
713+16.1,79.6' Sgn. M.H.
713+26.2,190.7' Flag Pole
713+86.6,190.3' Flag Pole
713+92.8,197.4' Lt. P.
713+92.8,142.6' Lt. P.
714+03.8,128.7' Phillips 66 Sign
714+58.6,104.3' Water Meter
714+58.7,100.7' Water Valve
714+83.4,170.2' Monitoring Well
714+84.2,170.2' Gas MH
714+84.6,159.2' Monitoring Well
714+85.0,146.4' Gas Meter
714+85.2,142.2' Nat Gas Well
714+91.4,103.3' Water MH
714+94.7,99.7' Lt. P.
714+94.7,100.7' Lt. P.
714+96.0,177.1' Vert. Pipe
714+96.1,177.1' Vert. Pipe
714+96.6,177.1' Vert. Pipe
714+96.7,177.1' Vert. Pipe
714+98.0,170.8' Gas MH
714+97.4,177.1' Vert. Pipe
714+98.9,176.6' Monitoring Well
714+98.9,148.4' Gas Meter
714+99.2,144.5' Nat Gas Well
715+07.7,72.1' Gas MH
715+07.7,73.9' Water Meter
715+07.8,65.9' Nat Gas Well
715+08.0,61.1' Gas MH
715+08.1,59.9' Monitoring Well
715+08.5,52.2' Nat Gas Well
715+08.6,49.7' Gas Meter
715+12.5,16.5' Monitoring Well

LEGEND

(A) Pavement Section for Overlay of Mainline Lanes, Existing Turn Lanes, Inside Shoulder and 4 ft of the Outside Shoulder:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
Milling, Asphalt, 1½ in.

(B) Pavement Section for Overlay of the Outside Shoulder Beyond 4 ft From the White Line:
165 #/Syd QC/QA HMA, 3, 64, Surface, 9.5 mm, on
Milling, profile

(C) HMA Section for Turn Lane Widening and Turn Lanes:
165 #/Syd QC/QA-HMA, 4, 76, Surface, 9.5mm on
385 #/Syd QC/QA-HMA, 3, 70, Intermediate, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
Compacted Aggregate, No. 53 (3" minimum thickness or as necessary to match the bottom of adjacent subbase), on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(D) HMA Section for Approaches:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
HMA for Approaches, Type C consisting of
385 #/Syd HMA Intermediate, Type C, on
385 #/Syd HMA Base, Type C, on
385 #/Syd HMA Base, Type C, on
3 inches of Compacted Aggregate, No. 53, on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(E) Pavement Removal, Asphalt

(F) Concrete Curb, Type B (Sloping)

(O) Variable Depth Compacted Aggregate, No. 53

(T) Asphalt Material for Tack Coat

(26) Sodding, Nursery

(27) Seed Mixture, U

NOTES:

1. ALL R/W AND EXISTING TOPOGRAPHY DESCRIBED FROM LINE "B" EXCEPT AS SHOWN
2. P.H.E. = PERPETUAL HIGHWAY EASEMENT

Public Hearing Plans 5-20-20

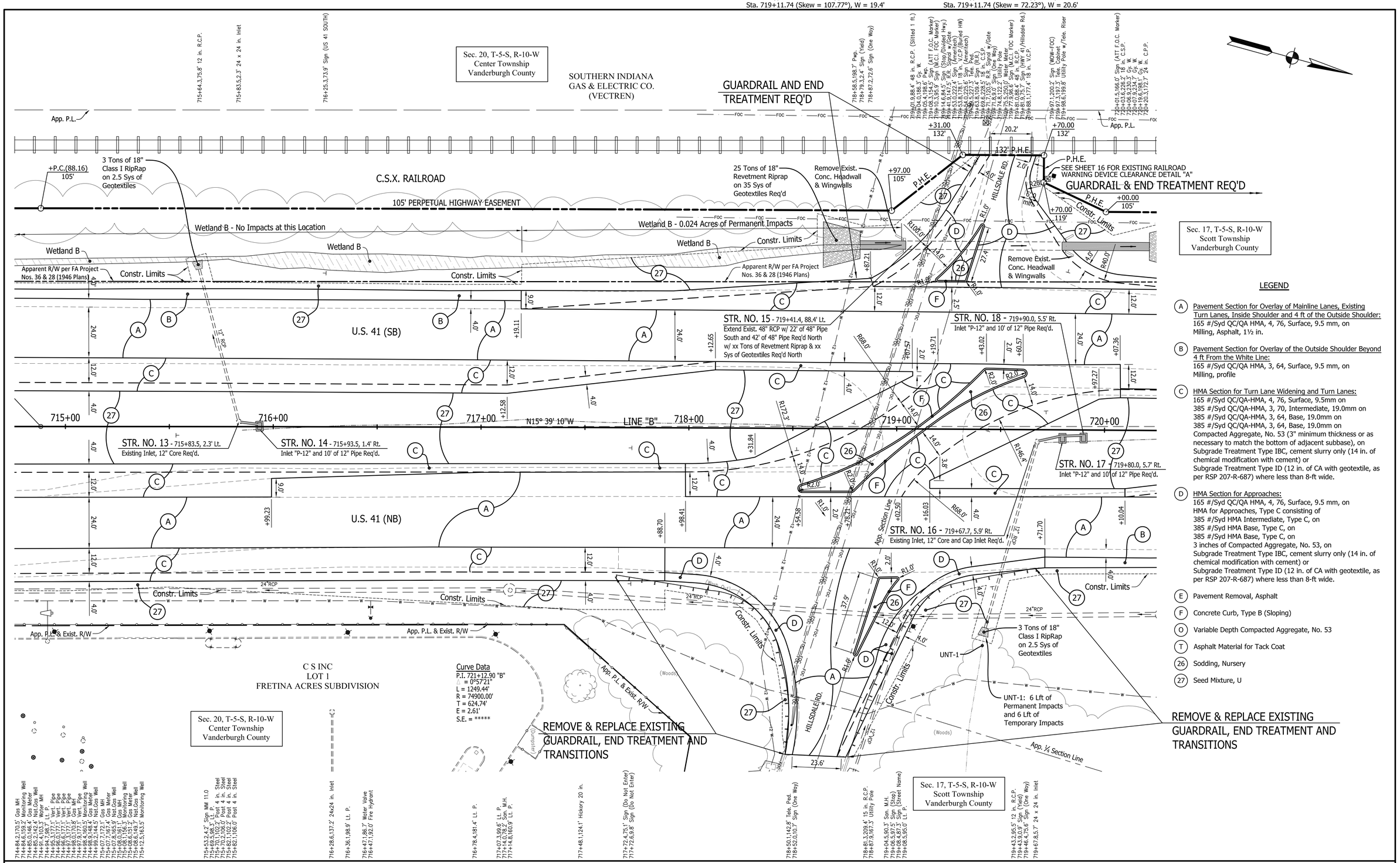
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PLAN SHEETS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	18 of XX
CONTRACT	PROJECT
R-37845	1400005



LEGEND

- (A) Pavement Section for Overlay of Mainline Lanes, Existing Turn Lanes, Inside Shoulder and 4 ft of the Outside Shoulder:
  165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on Milling, Asphalt, 1½ in.
- (B) Pavement Section for Overlay of the Outside Shoulder Beyond 4 ft From the White Line:
  165 #/Syd QC/QA HMA, 3, 64, Surface, 9.5 mm, on Milling, profile
- (C) HMA Section for Turn Lane Widening and Turn Lanes:
  165 #/Syd QC/QA-HMA, 4, 76, Surface, 9.5mm on
  385 #/Syd QC/QA-HMA, 3, 70, Intermediate, 19.0mm on
  385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
  385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
  Compacted Aggregate, No. 53 (3" minimum thickness or as necessary to match the bottom of adjacent subbase), on Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
  Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.
- (D) HMA Section for Approaches:
  165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on HMA for Approaches, Type C consisting of
  385 #/Syd HMA Intermediate, Type C, on
  385 #/Syd HMA Base, Type C, on
  385 #/Syd HMA Base, Type C, on
  3 inches of Compacted Aggregate, No. 53, on Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
  Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.
- (E) Pavement Removal, Asphalt
- (F) Concrete Curb, Type B (Sloping)
- (O) Variable Depth Compacted Aggregate, No. 53
- (T) Asphalt Material for Tack Coat
- (26) Sodding, Nursery
- (27) Seed Mixture, U

NOTES:

1. ALL R/W AND EXISTING TOPOGRAPHY DESCRIBED FROM LINE "B" EXCEPT AS SHOWN
2. P.H.E. = PERPETUAL HIGHWAY EASEMENT

TBM-38 EL. 406.05
RBS ON THE WEST SIDE OF LIGHT
POLE #9186 @ THE NORTHEAST QUAD.
OF HILLSDALE ROAD & HIGHWAY 41.
UP 12' RT. STA. 719+08.83 "B"

Public Hearing Plans 5-20-20

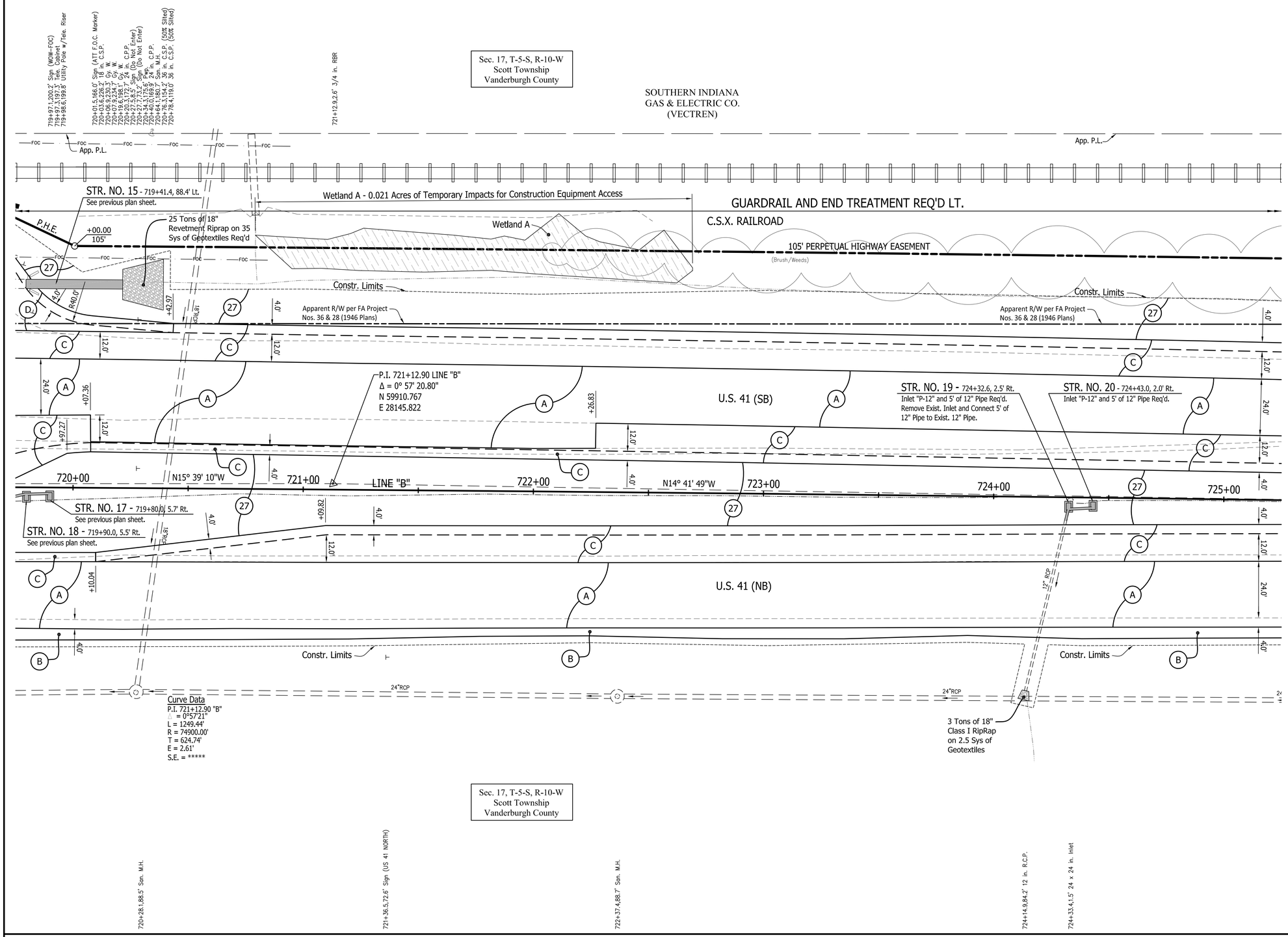
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PLAN SHEETS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	19 of XX
CONTRACT	PROJECT
R-37845	1400005



LEGEND

- (A) Pavement Section for Overlay of Mainline Lanes, Existing Turn Lanes, Inside Shoulder and 4 ft of the Outside Shoulder:
  165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
  Milling, Asphalt, 1½ in.
- (B) Pavement Section for Overlay of the Outside Shoulder Beyond 4 ft From the White Line:
  165 #/Syd QC/QA HMA, 3, 64, Surface, 9.5 mm, on
  Milling, profile
- (C) HMA Section for Turn Lane Widening and Turn Lanes:
  165 #/Syd QC/QA-HMA, 4, 76, Surface, 9.5mm on
  385 #/Syd QC/QA-HMA, 3, 70, Intermediate, 19.0mm on
  385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
  385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
  Compacted Aggregate, No. 53 (3" minimum thickness or as necessary to match the bottom of adjacent subbase), on
  Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
  Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.
- (D) HMA Section for Approaches:
  165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
  HMA for Approaches, Type C consisting of
  385 #/Syd HMA Intermediate, Type C, on
  385 #/Syd HMA Base, Type C, on
  385 #/Syd HMA Base, Type C, on
  3 inches of Compacted Aggregate, No. 53, on
  Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
  Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.
- (E) Pavement Removal, Asphalt
- (F) Concrete Curb, Type B (Sloping)
- (O) Variable Depth Compacted Aggregate, No. 53
- (T) Asphalt Material for Tack Coat
- (26) Sodding, Nursery
- (27) Seed Mixture, U

NOTES:

1. ALL R/W AND EXISTING TOPOGRAPHY DESCRIBED FROM LINE "B" EXCEPT AS SHOWN
2. P.H.E. = PERPETUAL HIGHWAY EASEMENT

Public Hearing Plans 5-20-20

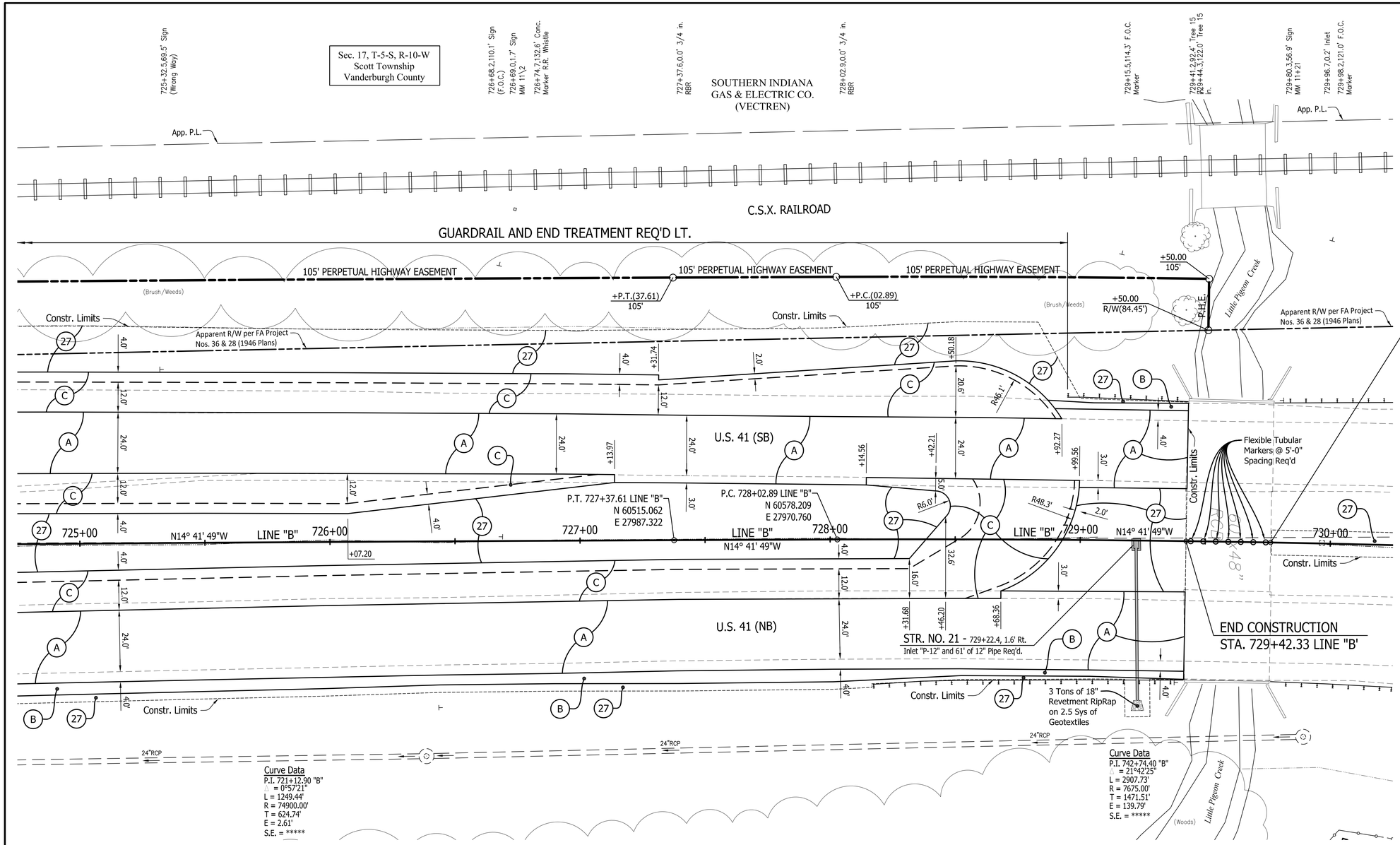
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PLAN SHEETS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	20 of XX
CONTRACT	PROJECT
R-37845	1400005



NOTES:

1. ALL R/W AND EXISTING TOPOGRAPHY DESCRIBED FROM LINE "B" EXCEPT AS SHOWN
2. P.H.E. = PERPETUAL HIGHWAY EASEMENT

TBM-39 EL. 409.87
INDOT, BRASS DISC. @ SOUTHWEST WINGWALL OVER DITCH STAMPED V-92
VAN EL. 410.87 (APPROX. 1/4 MILE NORTH OF HILLSDALE ROAD & HIGHWAY 41).
57.4' LT. STA. 729+43.5 "B"

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

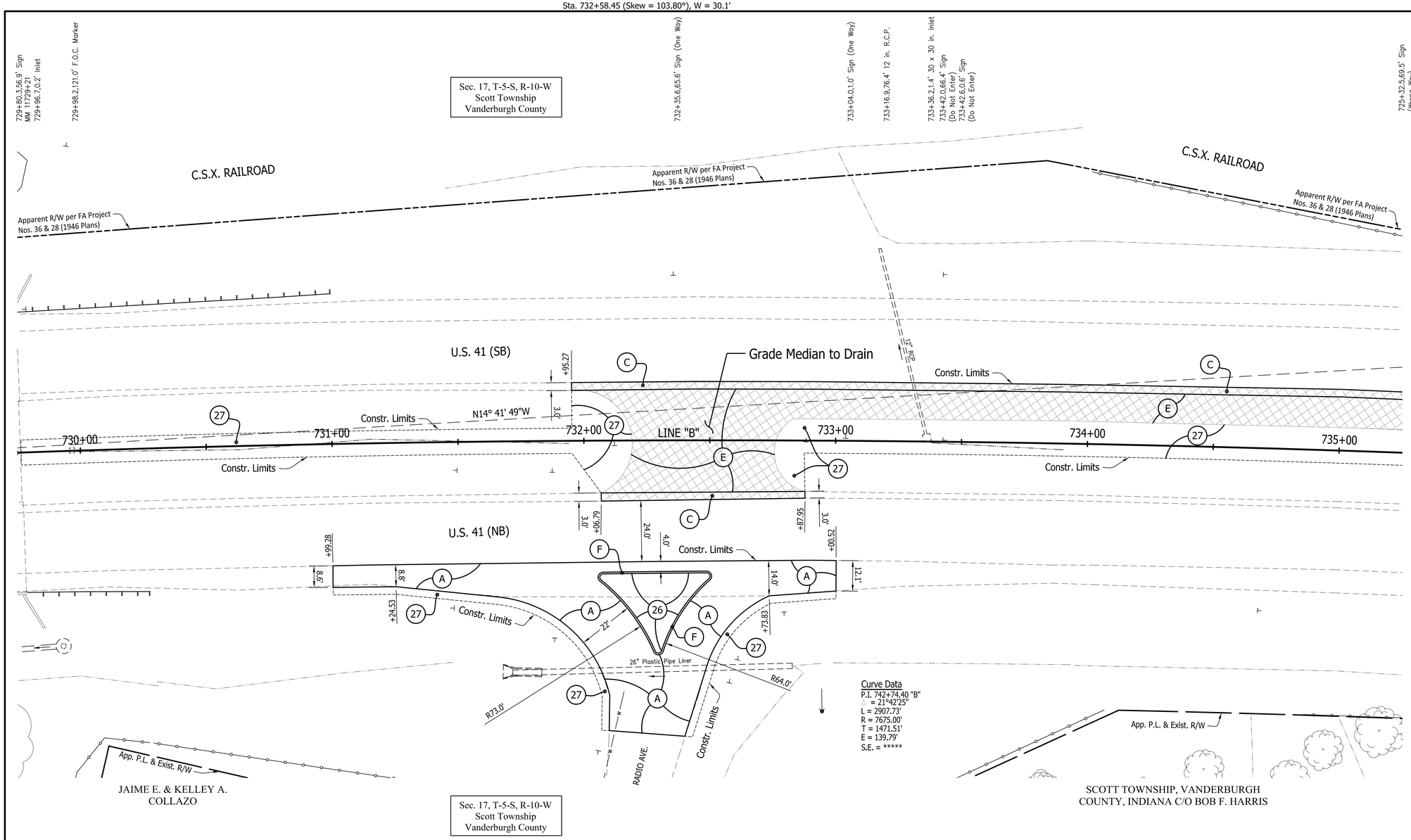
DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PLAN SHEETS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	21 of XX
CONTRACT	PROJECT
R-37845	1400005

Type B Public Road Appr. Req'd. Rt.
Sta. 732+58.45 (Skew = 103.80°), W = 30.1'



Curve Data
P.I. 742+74.40 "B"
Δ = 21°42'25"
L = 2907.73'
R = 7675.00'
T = 1471.51'
E = 139.79'
S.E. = *****

LEGEND

(A) Pavement Section for Overlay of Mainline Lanes, Existing Turn Lanes, Inside Shoulder and 4 ft of the Outside Shoulder:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
Milling, Asphalt, 1½ in.

(B) Pavement Section for Overlay of the Outside Shoulder Beyond 4 ft From the White Line:
165 #/Syd QC/QA HMA, 3, 64, Surface, 9.5 mm, on
Milling, profile

(C) HMA Section for Turn Lane Widening and Turn Lanes:
165 #/Syd QC/QA-HMA, 4, 76, Surface, 9.5mm on
385 #/Syd QC/QA-HMA, 3, 70, Intermediate, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
Compacted Aggregate, No. 53 (3" minimum thickness or as necessary to match the bottom of adjacent subbase), on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(D) HMA Section for Approaches:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
HMA for Approaches, Type C consisting of
385 #/Syd HMA Intermediate, Type C, on
385 #/Syd HMA Base, Type C, on
385 #/Syd HMA Base, Type C, on
3 inches of Compacted Aggregate, No. 53, on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(E) Pavement Removal, Asphalt

(F) Concrete Curb, Type B (Sloping)

(O) Variable Depth Compacted Aggregate, No. 53

(T) Asphalt Material for Tack Coat

(26) Sodding, Nursery

(27) Seed Mixture, U

729+90.7,77.4' Sen. M.H.
731+47.7,66.0' Sign (Do Not Enter)
731+49.5,1.3' Sign (Do Not Enter)
731+55.1,219.6' Oak 36 in.
731+70.9,92.0' 26 in. Pipe Plastic LINER
731+70.9,149.1' Maple 24 in.
731+74.4,202.1' Lt. P. Private
731+77.2,240.5' Utility Pole
731+79.3,177.4' Flag Pole
731+79.3,179.2' Lt. P. Private
731+82.2,228.8' Yd. W.
731+84.6,136.2' Water Meter
731+85.8,208.5' Mailbox
731+87.3,12.4' Sign (One Way)
731+87.8,78.3' Sign (One Way)
732+05.0,123.2' Sign 30 MPH
732+12.2,2.0' Sign (Yield)
732+49.2,228.8' Lt. P.
732+57.8,96.4' Sign (Stop)
732+61.1,87.2' Sign RADIO AVE/US 41
732+72.1,140.5' Ash 16 in.
732+79.8,68.2' Sign (One Way)
732+83.2,89.5' 26 in. Pipe Plastic
732+88.1,0.5' Sign (Yield)
732+95.2,107.6' Fire Hydrant
733+75.5,153.9' Elec. Meter
733+84.1,137.5' Sycamore 18 in.
734+24.8,138.8' Birch 18 in.
734+49.5,128.1' Birch 20 in.
734+69.4,64.5' Sign (No Parking)
734+84.2,131.2' Birch 20 in.
734+97.5,118.8' Birch Twin Tr. 15 in.
735+12.3,143.5' Ash 13 in.
735+19.8,110.7' Birch Twin Tr. 15 in.

NOTES:

1. ALL R/W AND EXISTING TOPOGRAPHY DESCRIBED FROM LINE "B" EXCEPT AS SHOWN
2. P.H.E. = PERPETUAL HIGHWAY EASEMENT

Public Hearing Plans 5-20-20

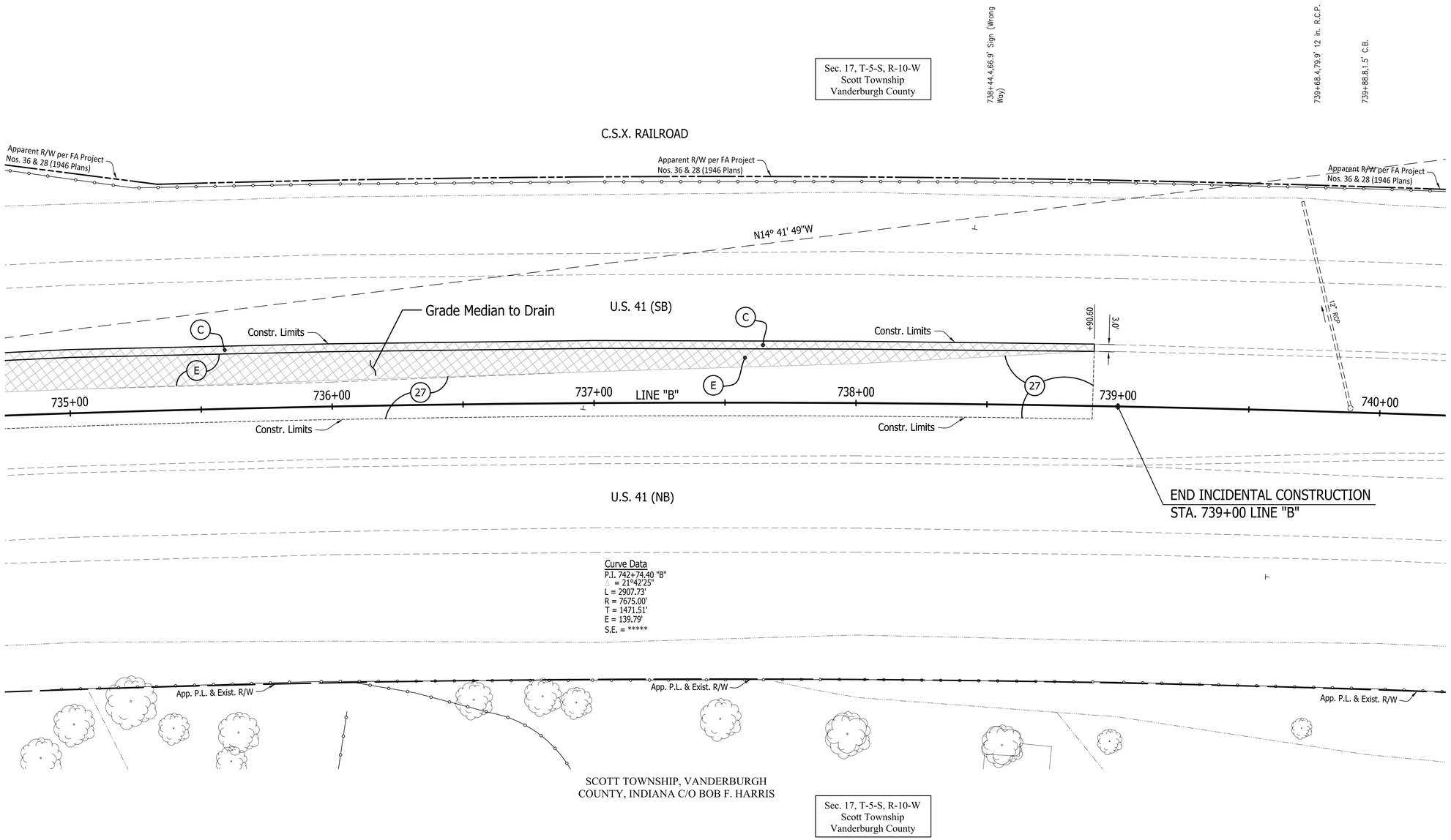
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PLAN SHEETS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	22 of XX
CONTRACT	PROJECT
R-37845	1400005



Curve Data
P.I. 742+74.40 "B"
Δ = 21°42'25"
L = 2907.73'
R = 7675.00'
T = 1471.51'
E = 139.79'
S.E. = *****

LEGEND

(A) Pavement Section for Overlay of Mainline Lanes, Existing Turn Lanes, Inside Shoulder and 4 ft of the Outside Shoulder:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
Milling, Asphalt, 1½ in.

(B) Pavement Section for Overlay of the Outside Shoulder Beyond 4 ft From the White Line:
165 #/Syd QC/QA HMA, 3, 64, Surface, 9.5 mm, on
Milling, profile

(C) HMA Section for Turn Lane Widening and Turn Lanes:
165 #/Syd QC/QA-HMA, 4, 76, Surface, 9.5mm on
385 #/Syd QC/QA-HMA, 3, 70, Intermediate, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
385 #/Syd QC/QA-HMA, 3, 64, Base, 19.0mm on
Compacted Aggregate, No. 53 (3" minimum thickness or as necessary to match the bottom of adjacent subbase), on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(D) HMA Section for Approaches:
165 #/Syd QC/QA HMA, 4, 76, Surface, 9.5 mm, on
HMA for Approaches, Type C consisting of
385 #/Syd HMA Intermediate, Type C, on
385 #/Syd HMA Base, Type C, on
385 #/Syd HMA Base, Type C, on
3 inches of Compacted Aggregate, No. 53, on
Subgrade Treatment Type IBC, cement slurry only (14 in. of chemical modification with cement) or
Subgrade Treatment Type ID (12 in. of CA with geotextile, as per RSP 207-R-687) where less than 8-ft wide.

(E) Pavement Removal, Asphalt

(F) Concrete Curb, Type B (Sloping)

(O) Variable Depth Compacted Aggregate, No. 53

(T) Asphalt Material for Tack Coat

(26) Sodding, Nursery

(27) Seed Mixture, U

NOTES:

1. ALL R/W AND EXISTING TOPOGRAPHY DESCRIBED FROM LINE "B" EXCEPT AS SHOWN
2. P.H.E. = PERPETUAL HIGHWAY EASEMENT

Public Hearing Plans 5-20-20

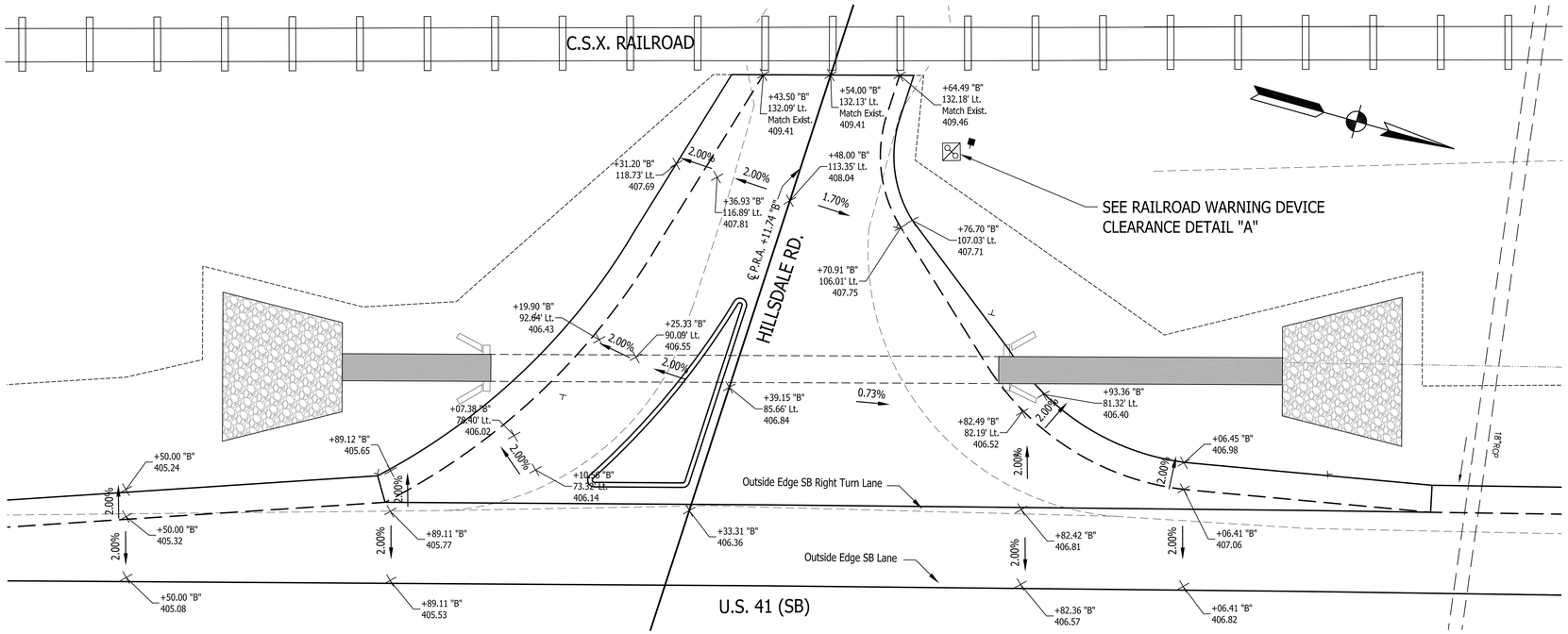
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

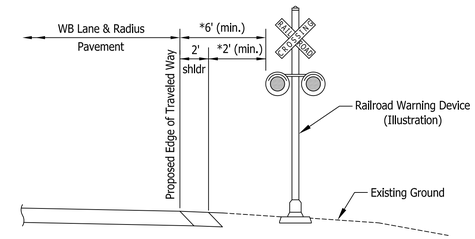
INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PLAN SHEETS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	23 of XX
CONTRACT	PROJECT
R-37845	1400005



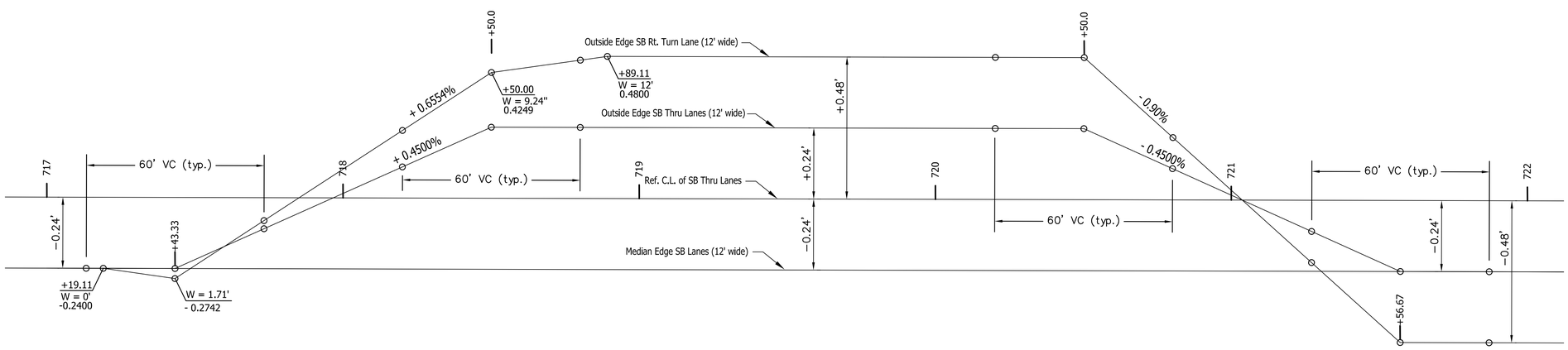
SPOT ELEVATIONS - HILLSDALE ROAD WEST APPROACH AT U.S. 41 SOUTHBOUND
Scale: 1" = 10'



NOTE:
Minimum offset dimensions from the edge of traveled way and from the edge of shoulder to the existing railroad warning device are required and shall be field verified by the contractor prior to construction.

*applies to the nearest stationary railroad warning device appurtenance from the point measure.

CLEARANCE REQUIREMENTS FOR RAILROAD WARNING DEVICES
Detail "A" (Not to Scale)



EDGE TRANSITION DIAGRAM - U.S. 41 SOUTHBOUND AT HILLSDALE ROAD WEST APPROACH
Scale: 1" = 20'

Public Hearing Plans 5-20-20

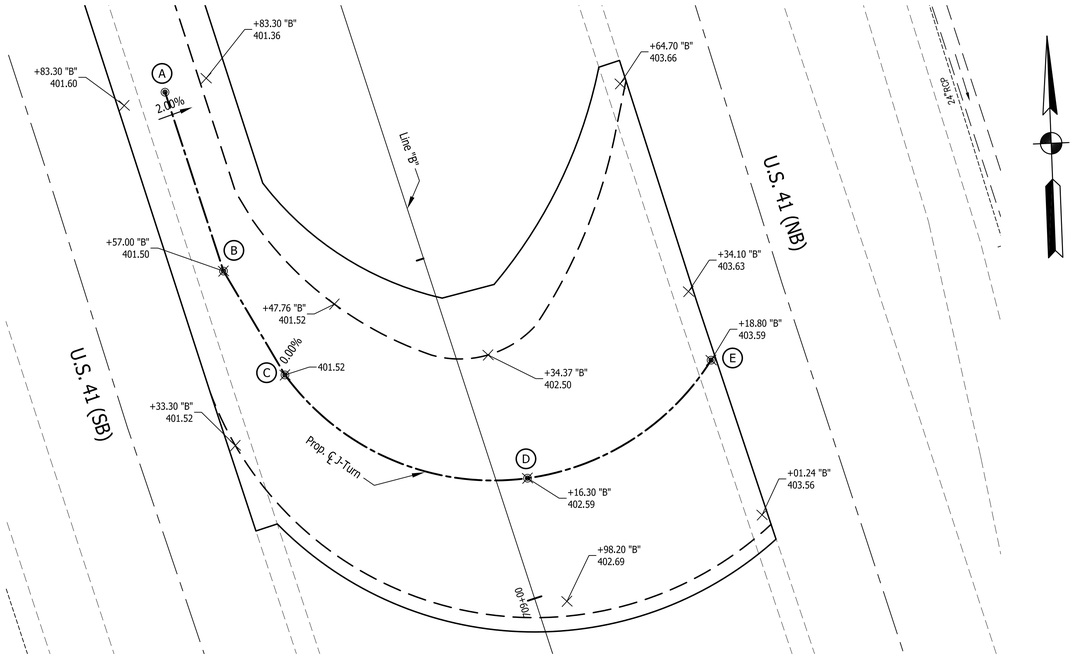
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

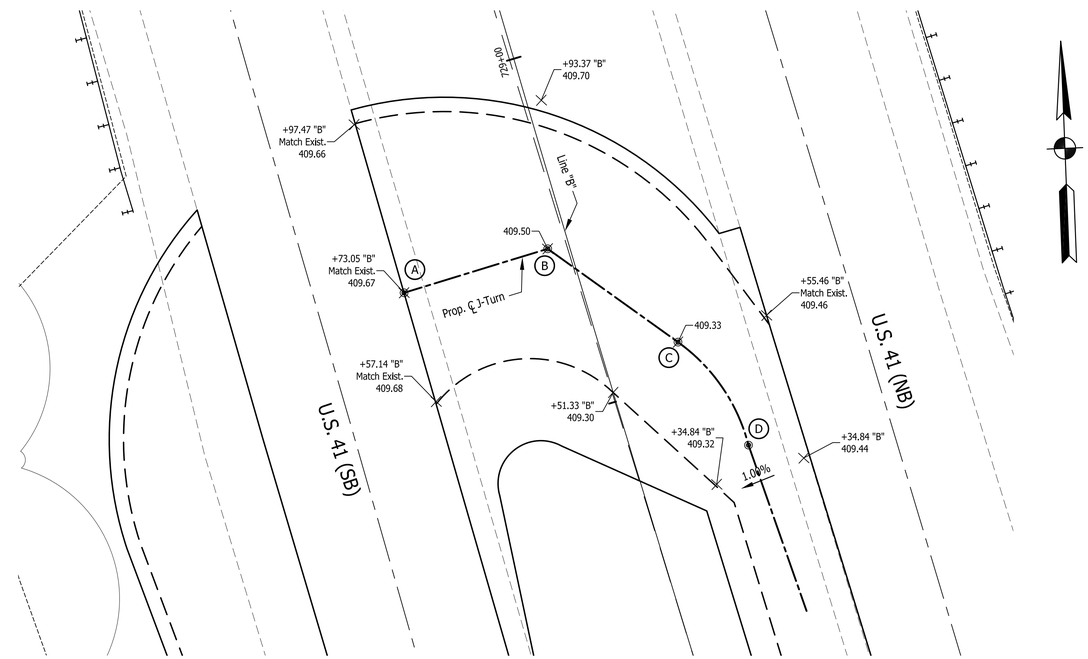
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
CONSTRUCTION DETAILS
SPOT ELEVATIONS & EDGE TRANSITION

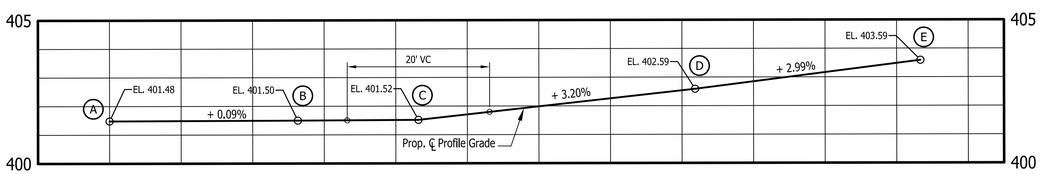
HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	24 of XX
CONTRACT	PROJECT
R-37845	1400005



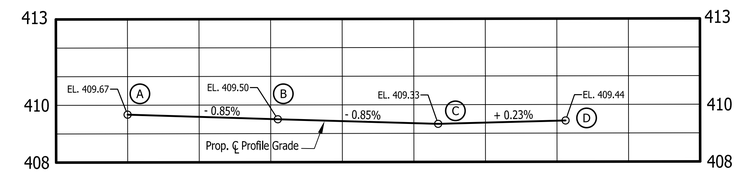
SPOT ELEVATIONS - U.S. 41 SOUTHBOUND J-TURN MEDIAN
Scale: 1" = 10'



SPOT ELEVATIONS - U.S 41 NORTHBOUND J-TURN MEDIAN
Scale: 1" = 10'



PROPOSED CENTERLINE PROFILE - U.S. 41 SOUTHBOUND J-TURN MEDIAN
Horizontal Scale: 1" = 10'
Vertical Scale: 1" = 5'



PROPOSED CENTERLINE PROFILE - U.S. 41 NORTHBOUND J-TURN MEDIAN
Horizontal Scale: 1" = 10'
Vertical Scale: 1" = 5'

Public Hearing Plans 5-20-20

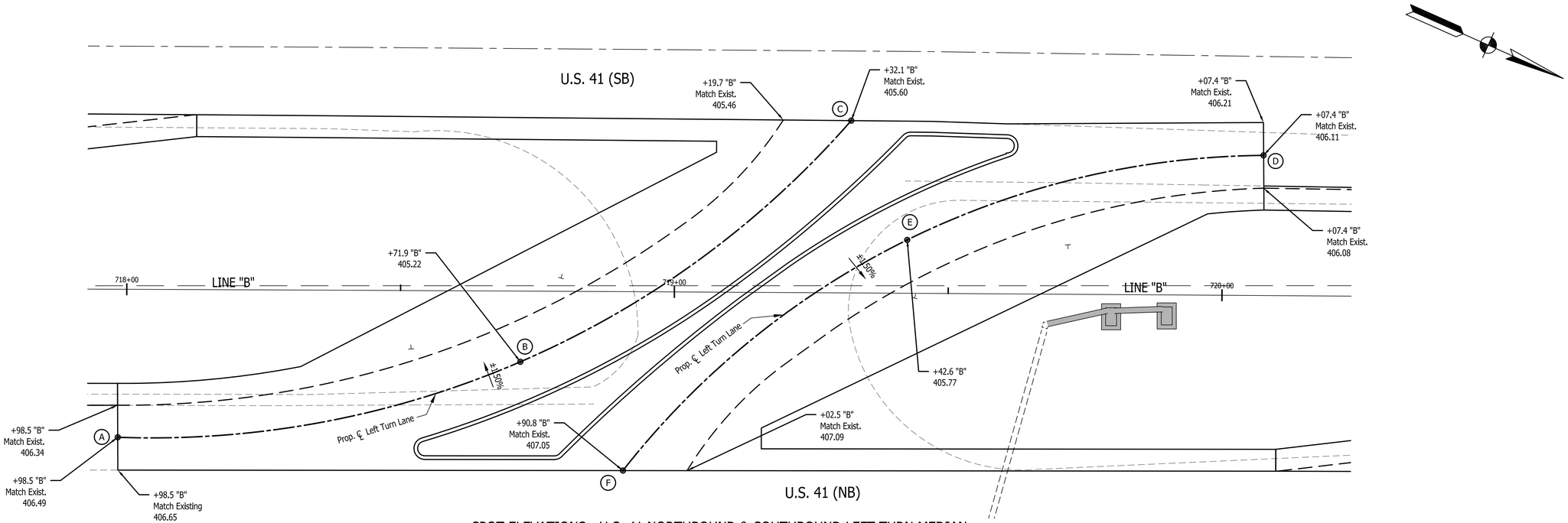
RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

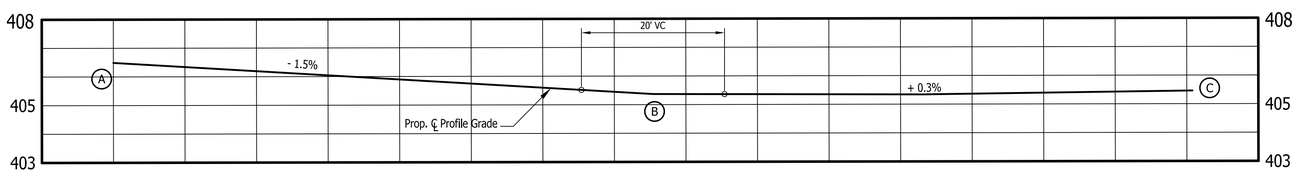
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
CONSTRUCTION DETAILS
J-TURN INTERSECTION DETAILS

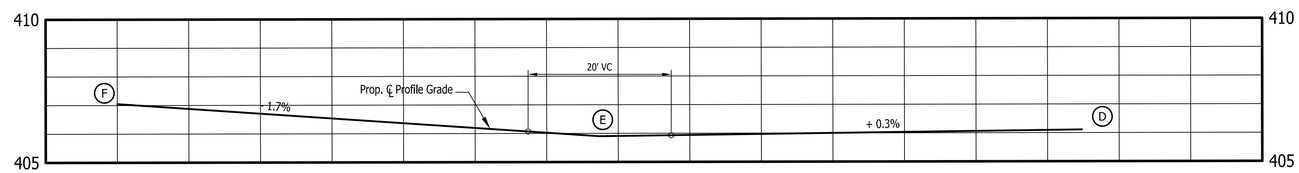
HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	N/A
VERTICAL SCALE	DESIGNATION
AS SHOWN	1400005
SURVEY BOOK	SHEETS
N/A	25 of XX
CONTRACT	PROJECT
R-37845	1400005



SPOT ELEVATIONS - U.S. 41 NORTHBOUND & SOUTHBOUND LEFT TURN MEDIAN
Scale: 1" = 10'



PROPOSED CENTERLINE PROFILE - U.S. 41 NORTHBOUND LEFT TURN MEDIAN
Horizontal Scale: 1" = 10'
Vertical Scale: 1" = 5'



PROPOSED CENTERLINE PROFILE - U.S. 41 SOUTHBOUND LEFT TURN MEDIAN
Horizontal Scale: 1" = 10'
Vertical Scale: 1" = 5'

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: R.E.N.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 AND HILLSDALE ROAD
CONSTRUCTION DETAILS
J-TURN INTERSECTION DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	N/A
VERTICAL SCALE	DESIGNATION
AS SHOWN	1400005
SURVEY BOOK	SHEETS
N/A	26 of XX
CONTRACT	PROJECT
R-37845	1400005

LEGEND

(31) TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, WHITE, 24 INCH

(32) LINE, THERMOPLASTIC, BROKEN, WHITE, 4 IN (10' DASH WITH 30' GAP)

(33) LINE, THERMOPLASTIC, SOLID, WHITE 4 IN

(34) LINE, THERMOPLASTIC, SOLID, YELLOW 4 IN

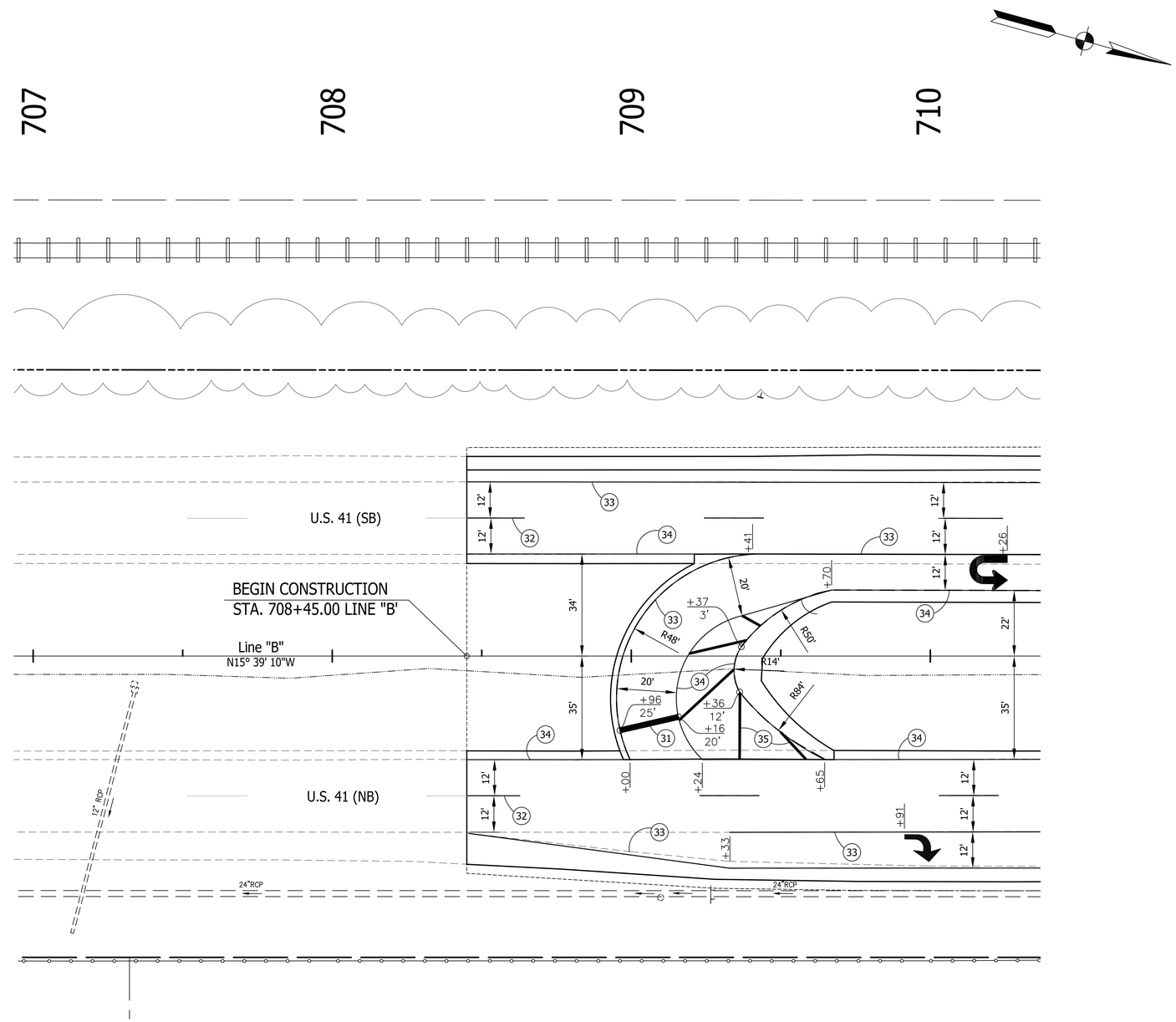
(35) TRANSVERSE MARKING, THERMOPLASTIC, CROSSHATCH LINE, YELLOW, 8 IN. (WIDTH 12", SPACING 20')

PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW (WHITE)

PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW (WHITE)

PAVEMENT MESSAGE MARKING, THERMOPLASTIC, LANE INDICATION ARROW (WHITE)

PAVEMENT MESSAGE MARKING, THERMOPLASTIC, R/R (WHITE)



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

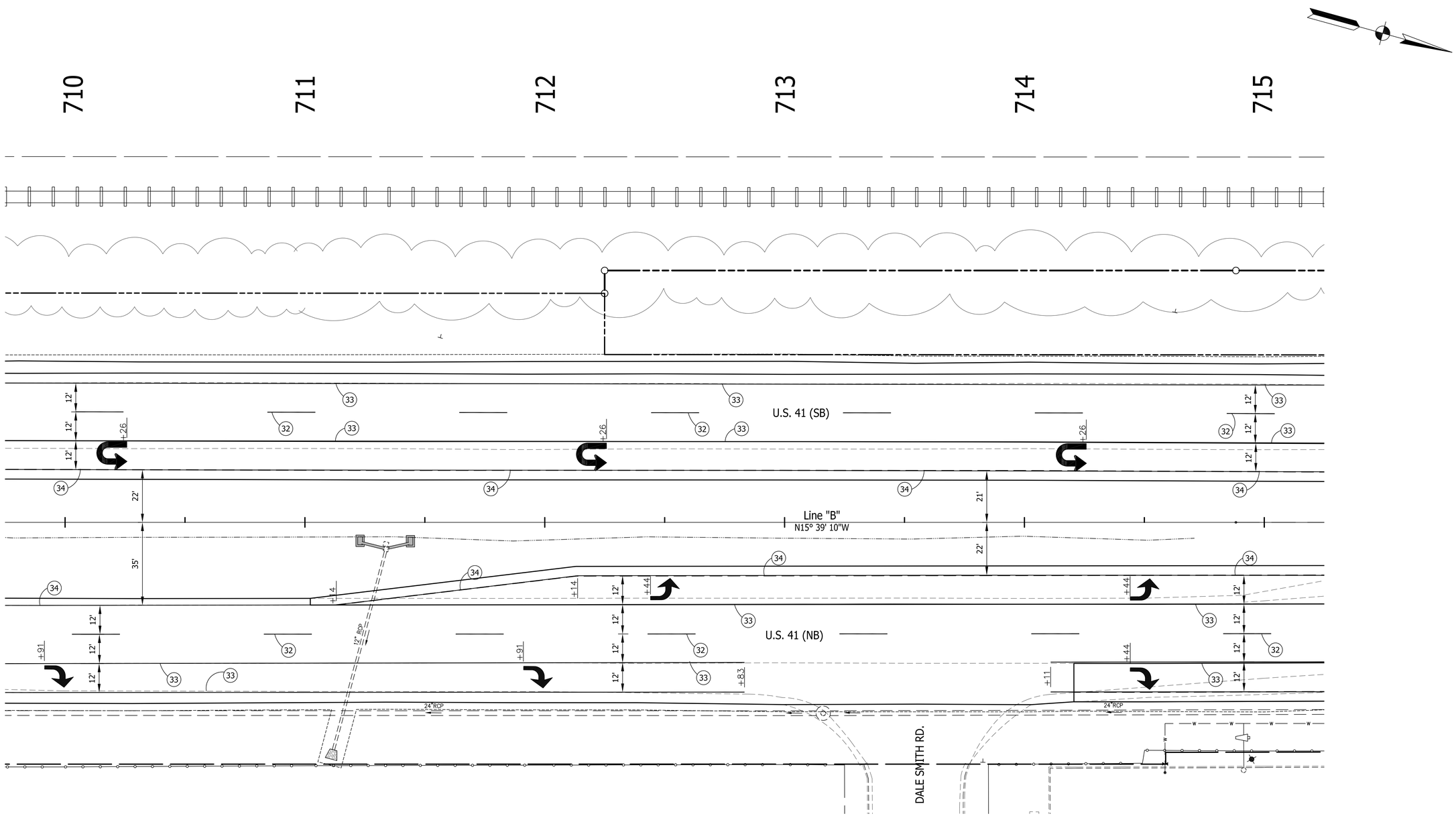
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD PAVEMENT MARKING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	27 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

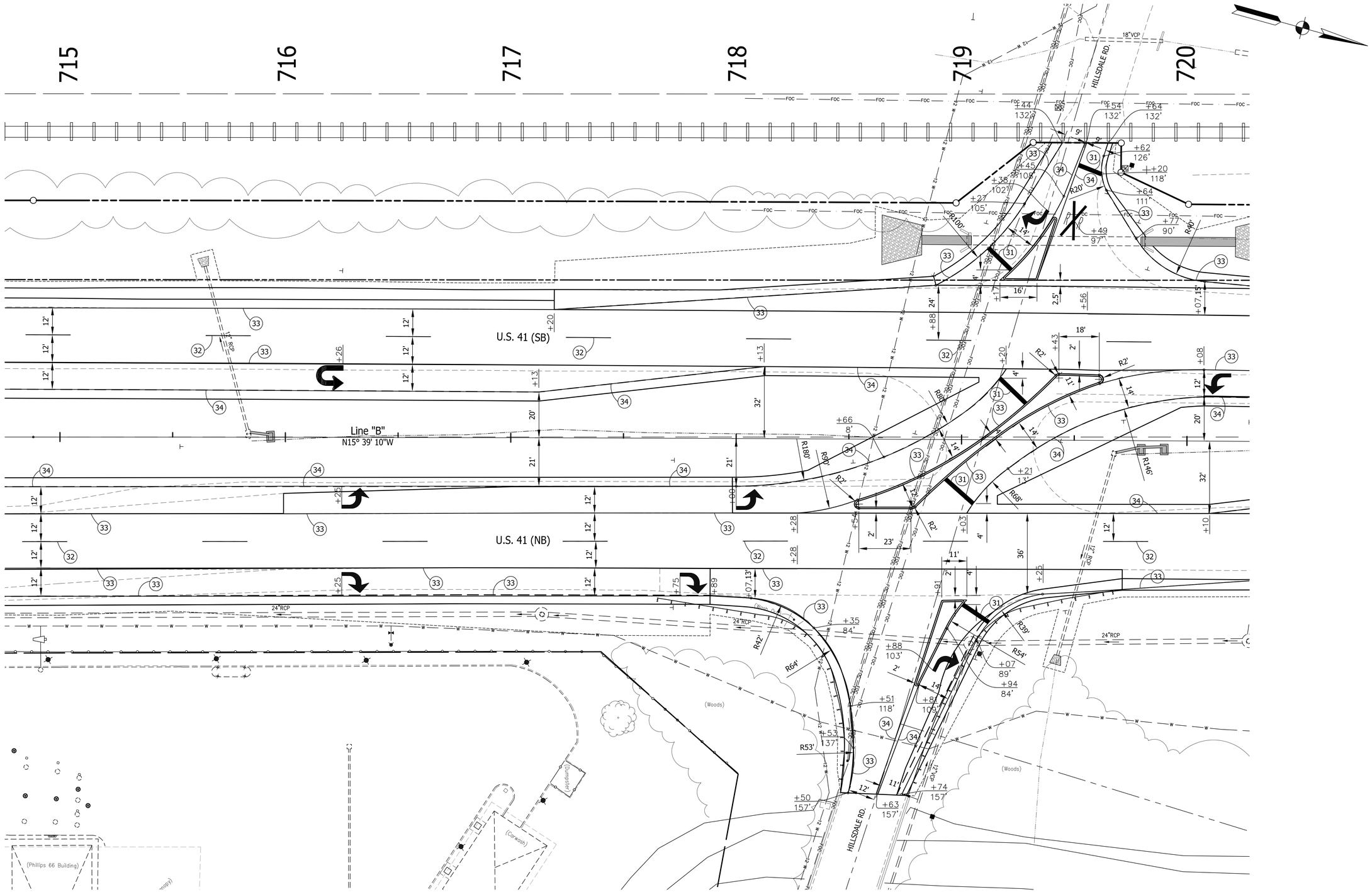
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PAVEMENT MARKING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	28 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

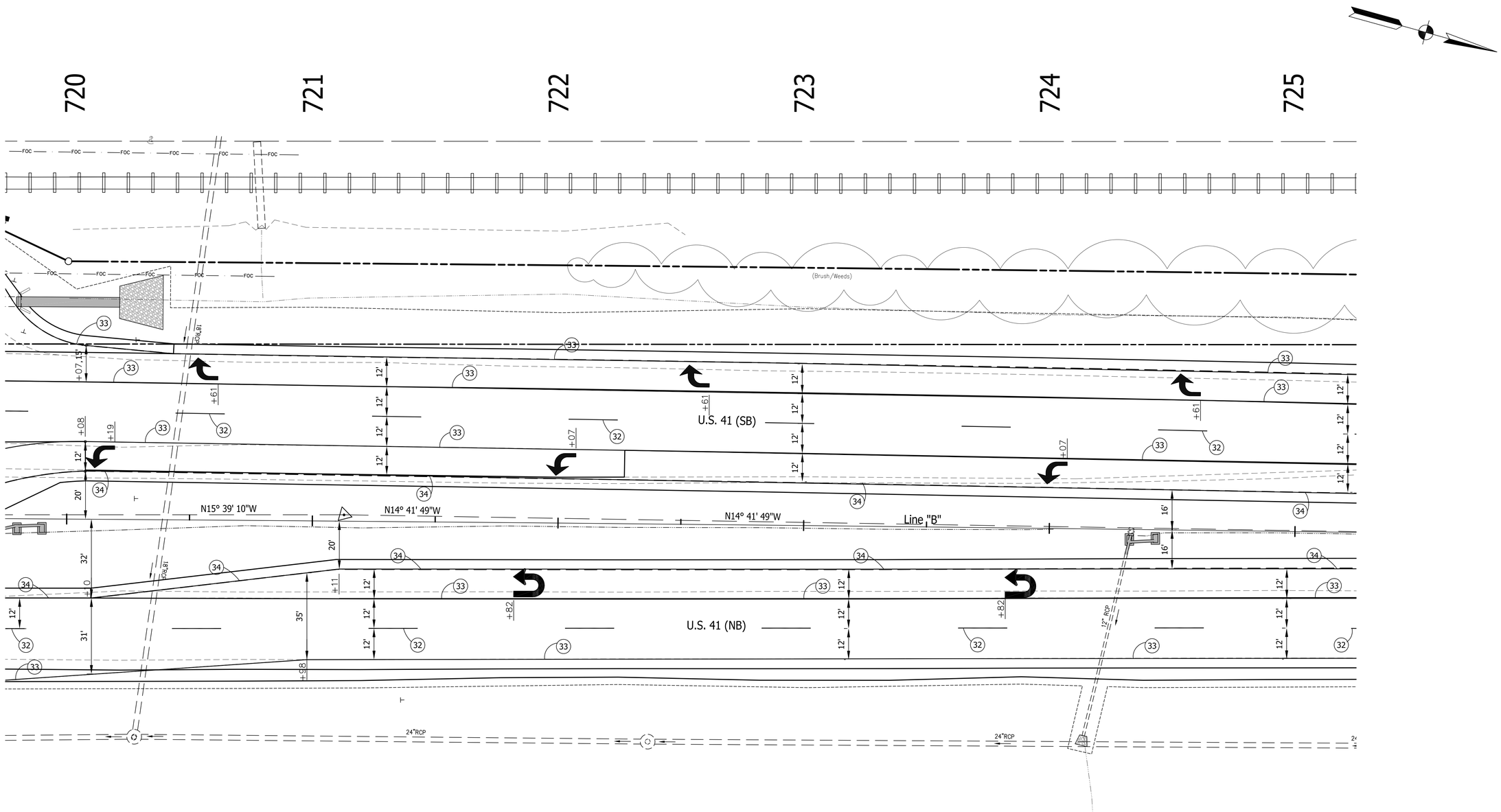
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PAVEMENT MARKING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	29 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

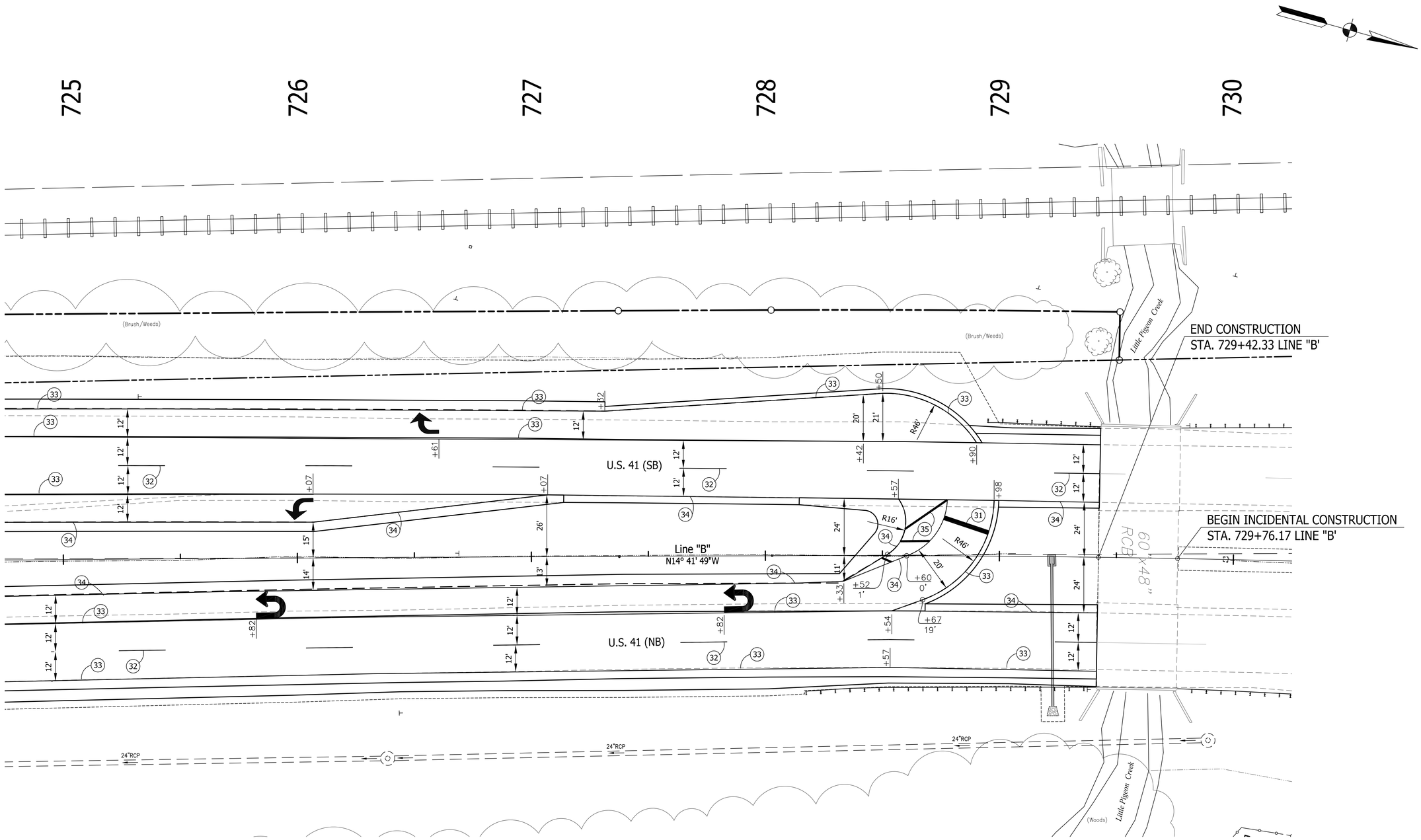
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PAVEMENT MARKING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	30 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

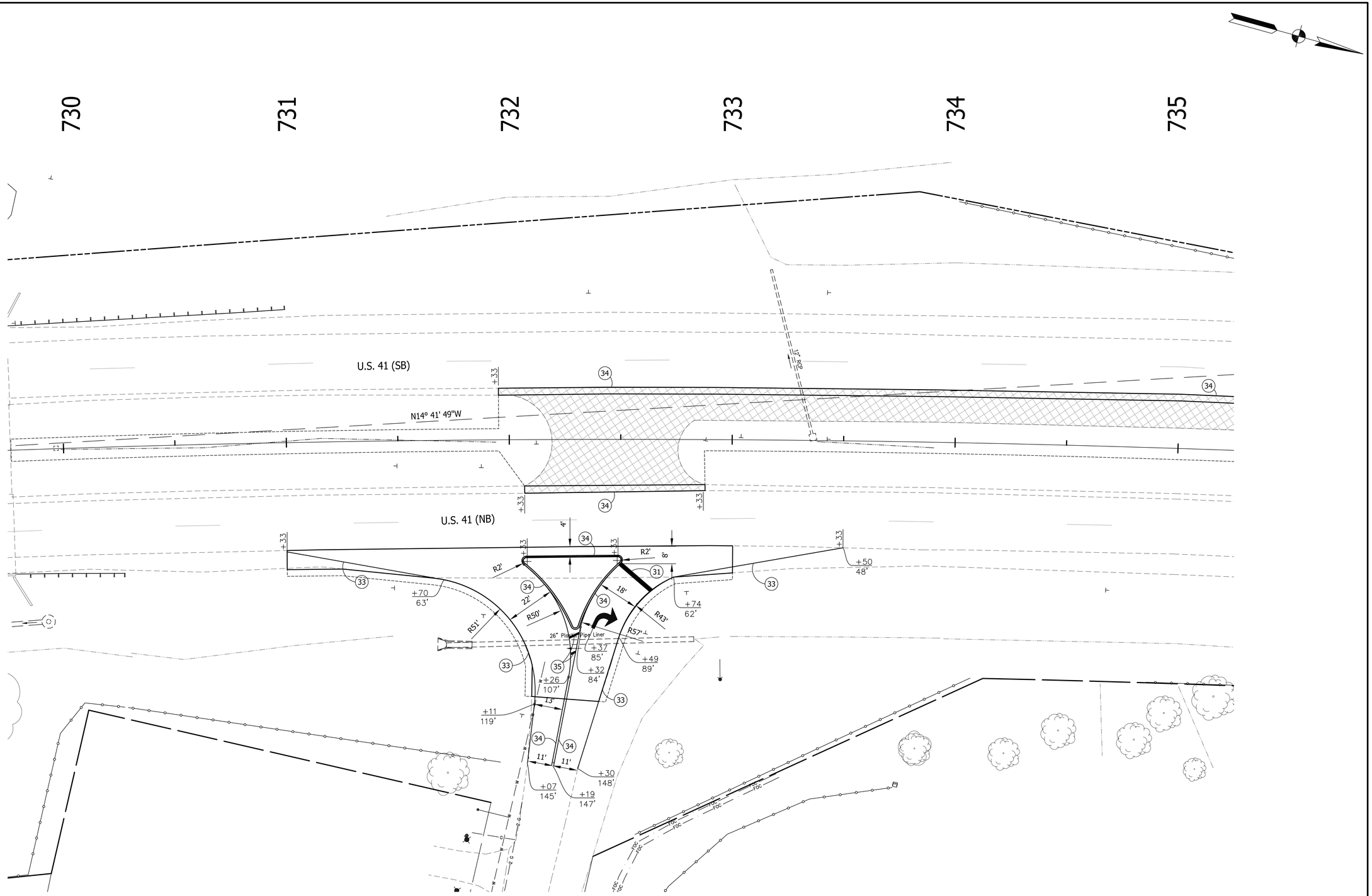
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

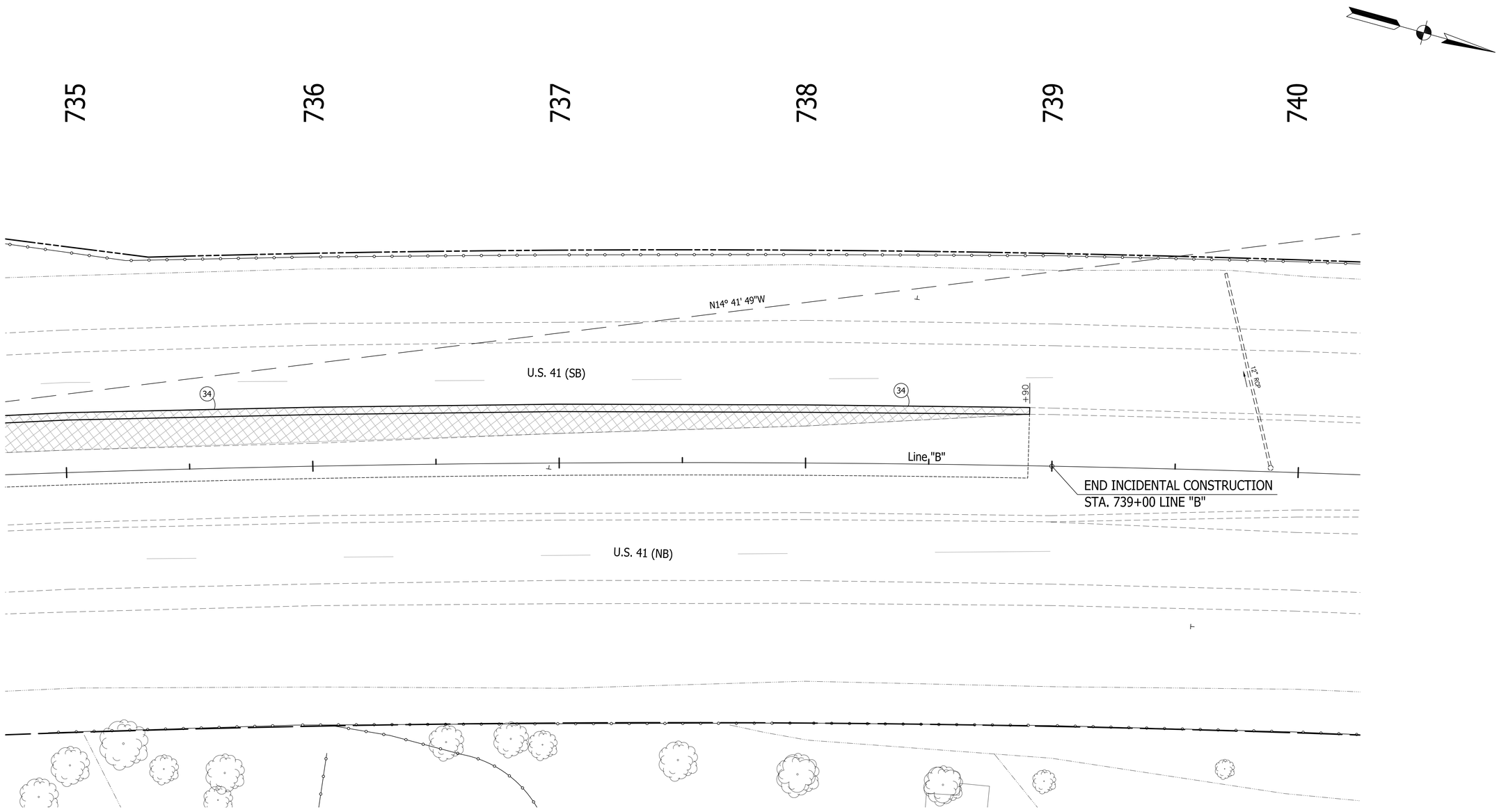
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PAVEMENT MARKING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	31 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20	RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION	HORIZONTAL SCALE 1" = 20'	BRIDGE FILE N/A
			VERTICAL SCALE N/A	DESIGNATION 1400005
	DESIGNED: T.F.S. / DRAWN: T.F.S.	U.S. 41 and HILLSDALE ROAD PAVEMENT MARKING PLANS	SURVEY BOOK N/A	SHEETS 32 of XX
	CHECKED: M.J.K. / CHECKED: M.J.K.		CONTRACT R-37845	PROJECT 1400005



Public Hearing Plans 5-20-20

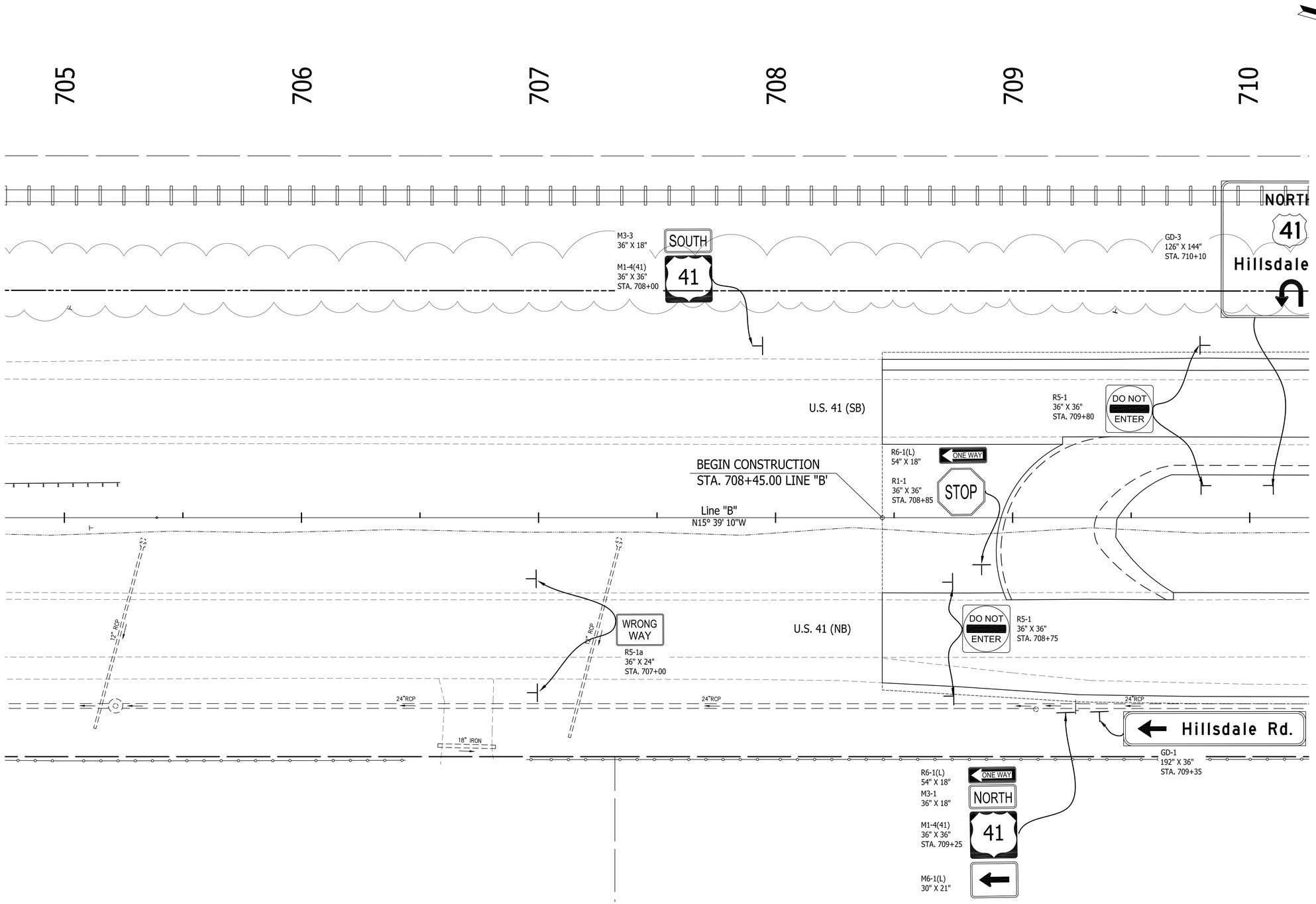
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
PAVEMENT MARKING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	33 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

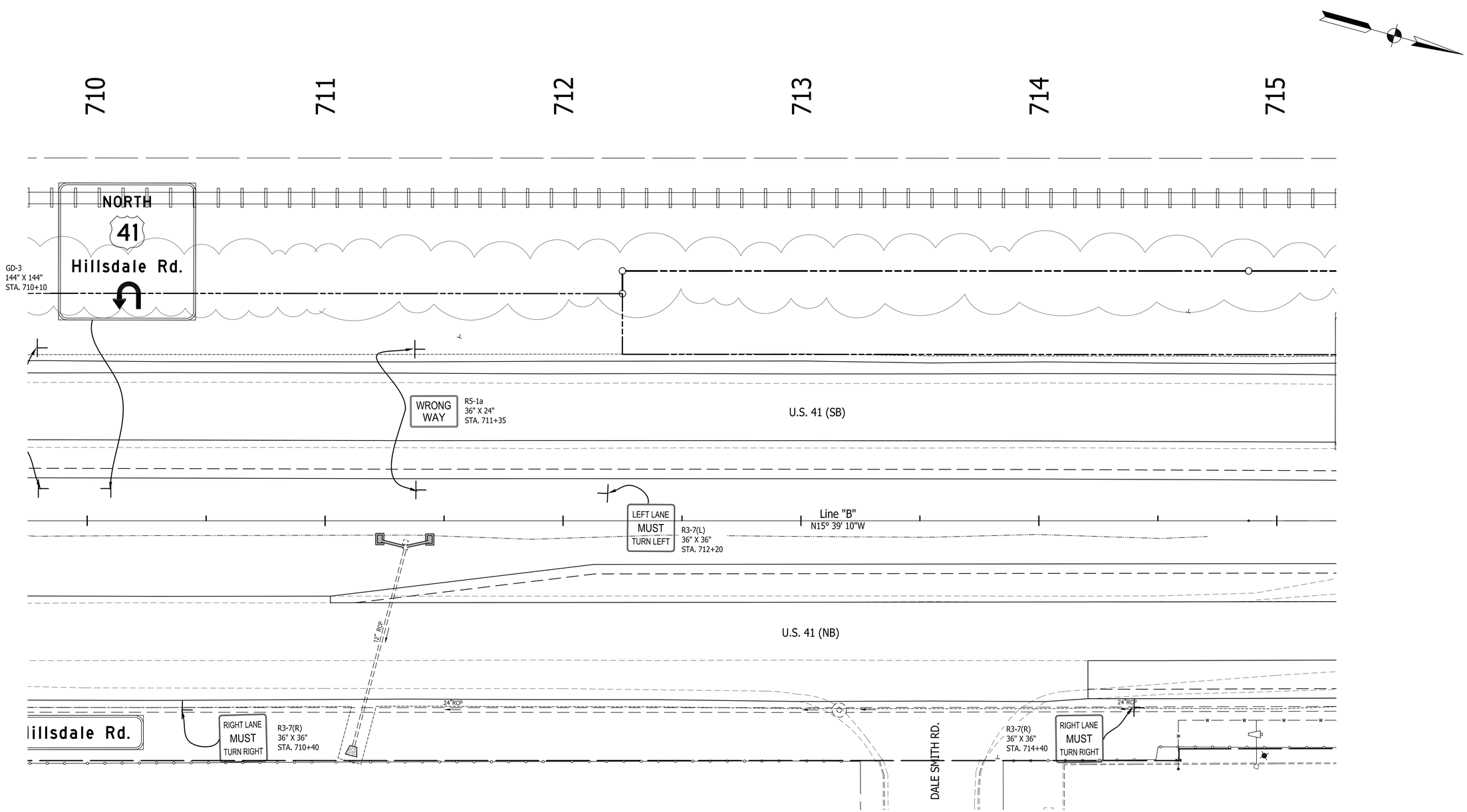
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	34 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

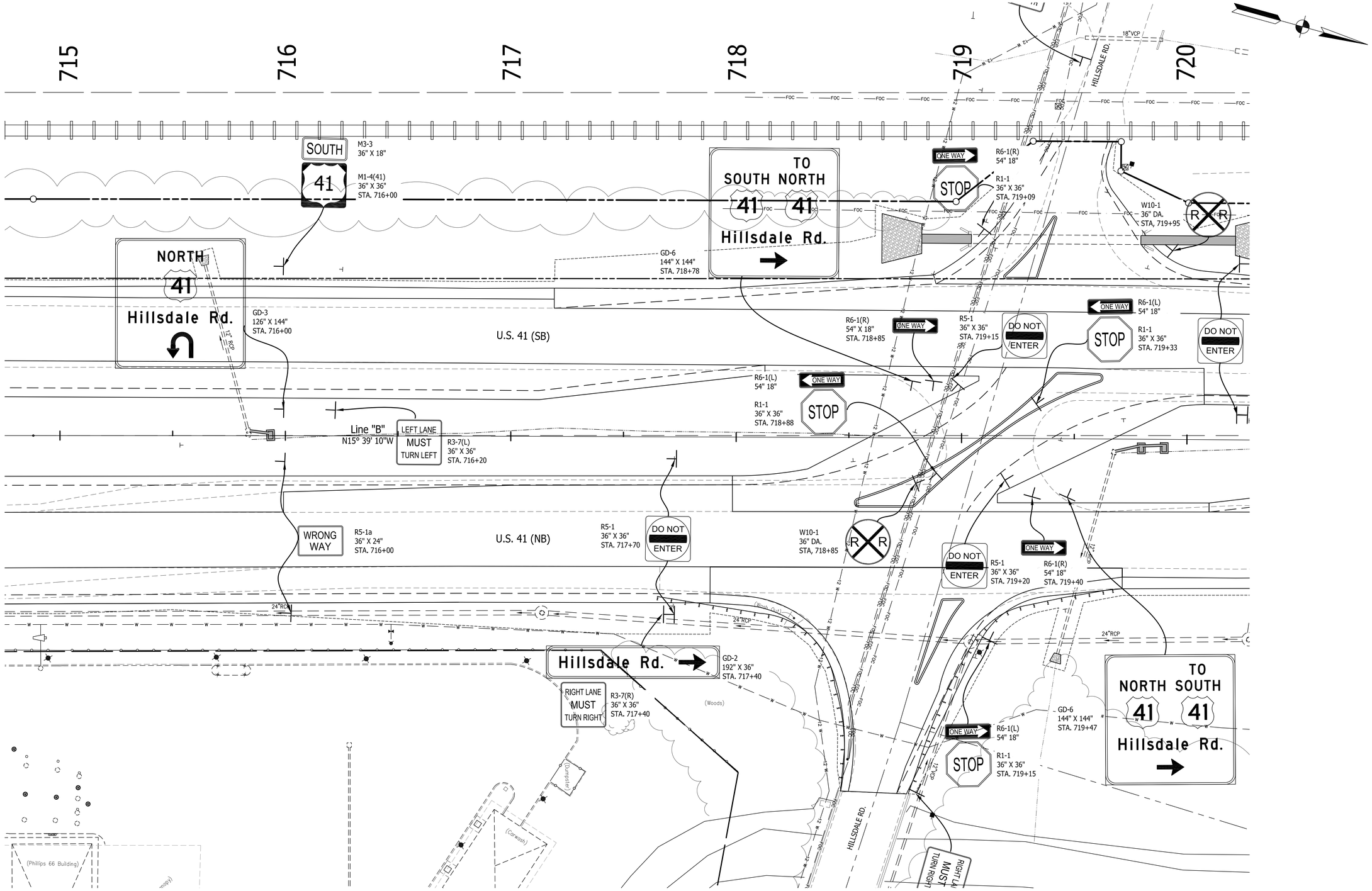
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	35 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

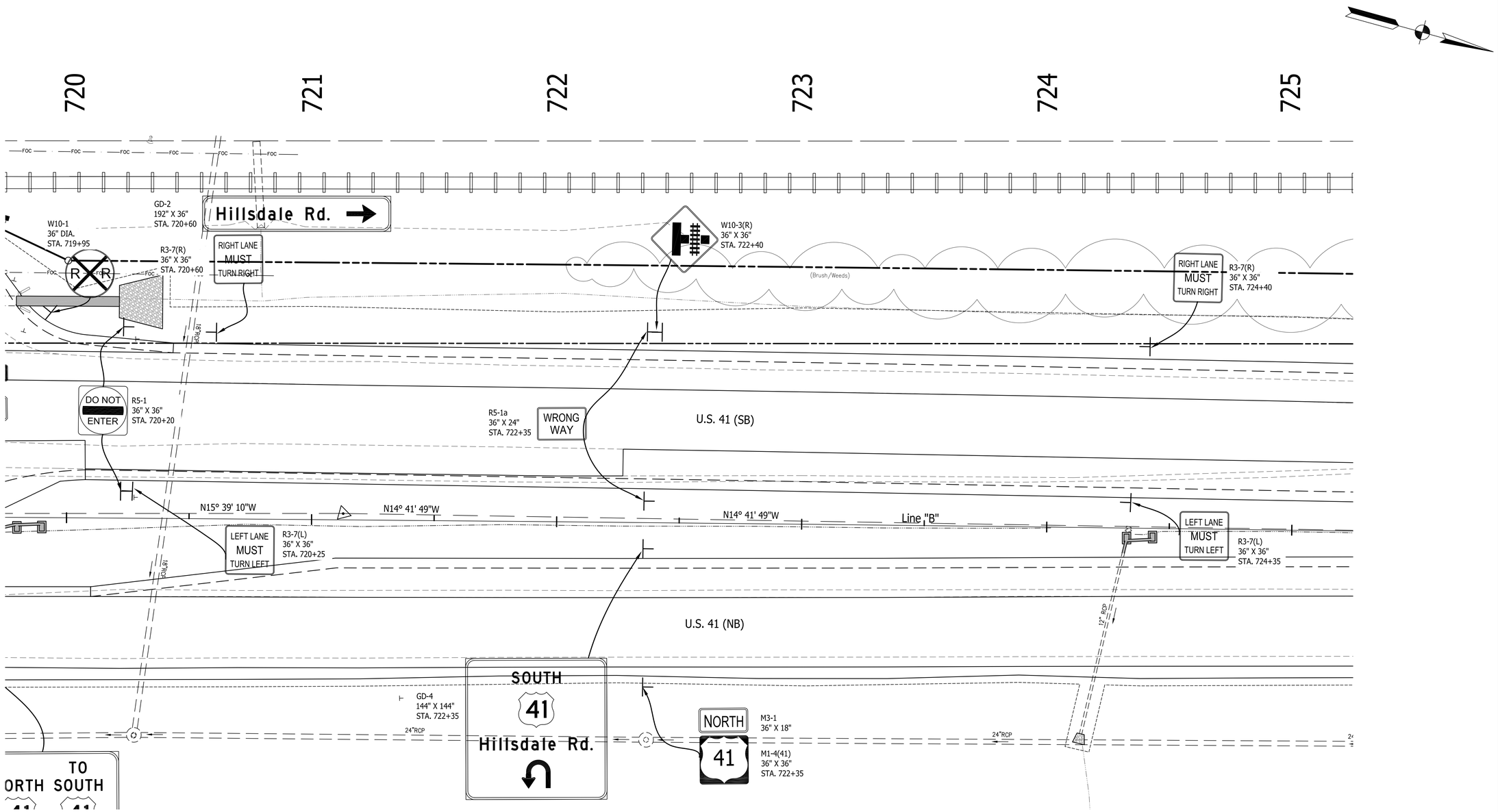
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	36 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

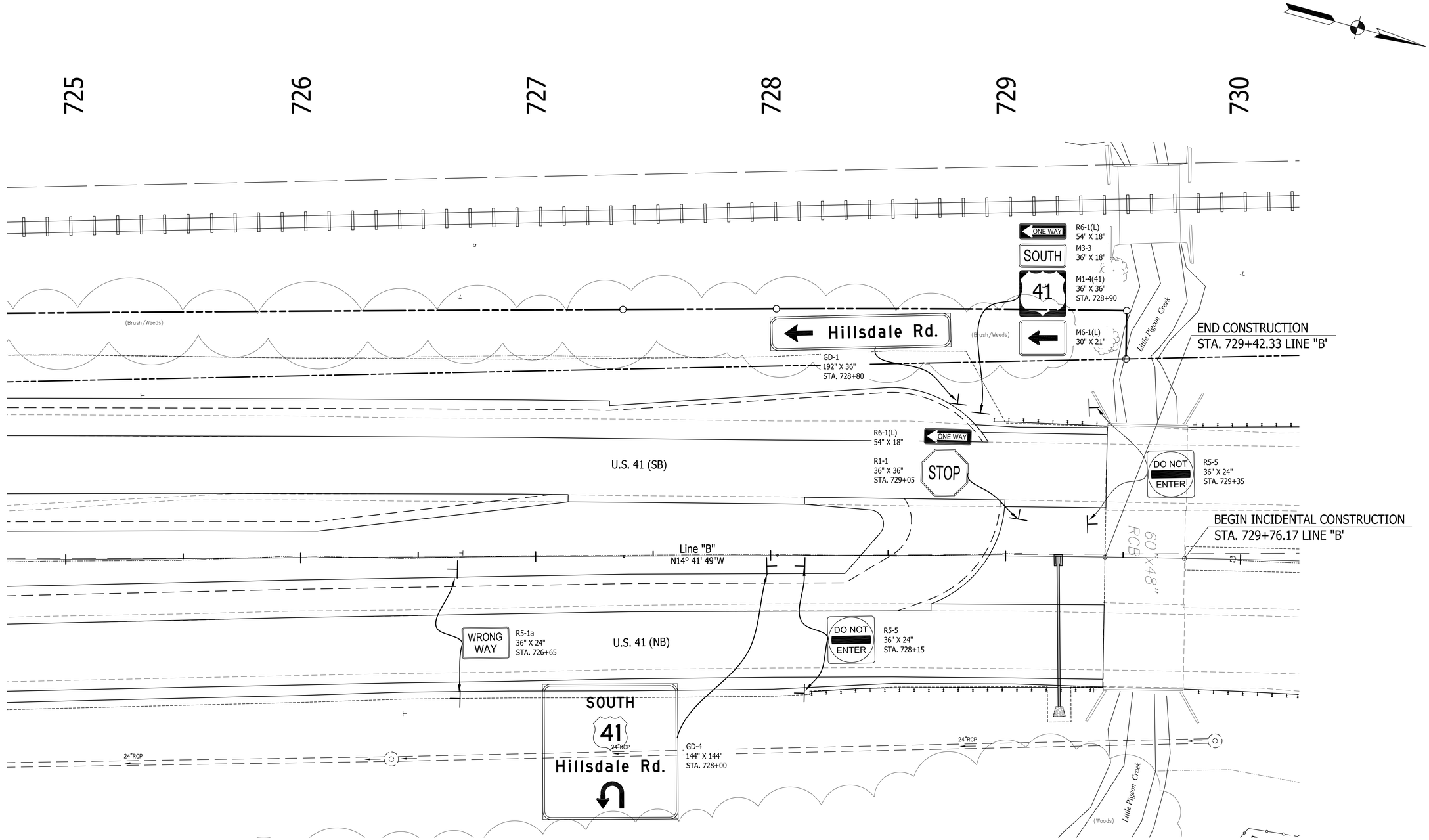
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	37 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

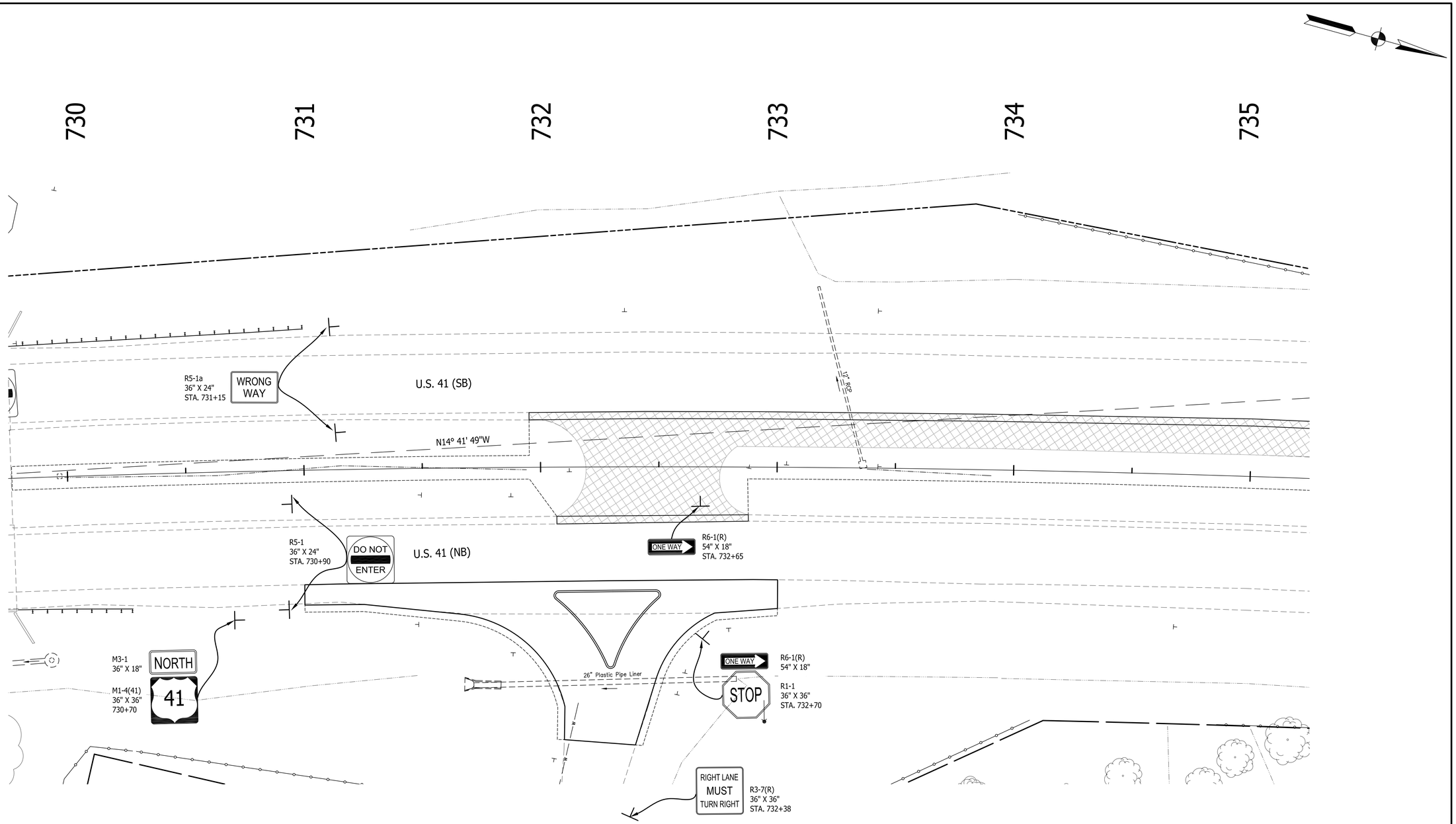
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	38 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

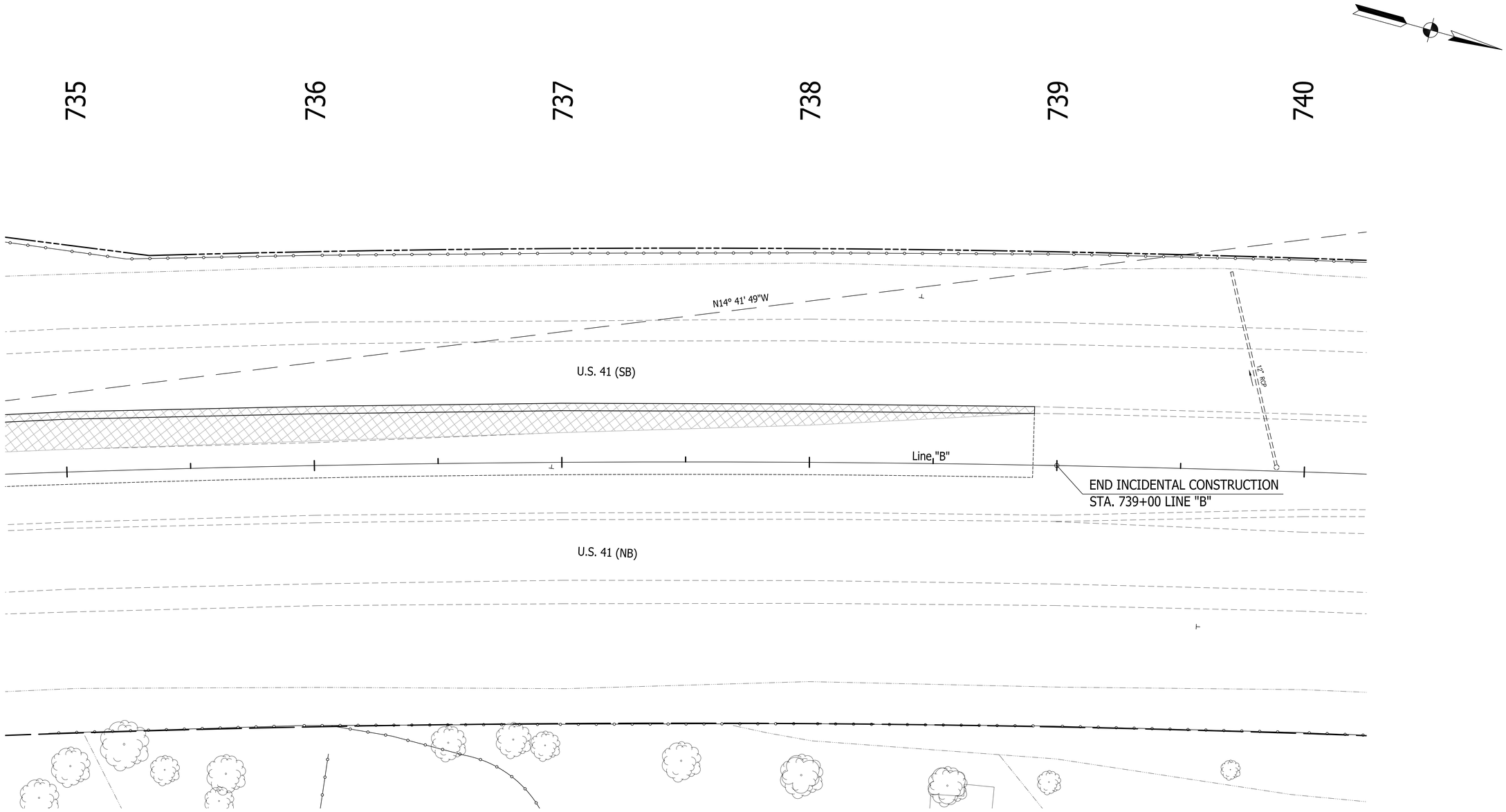
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	39 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

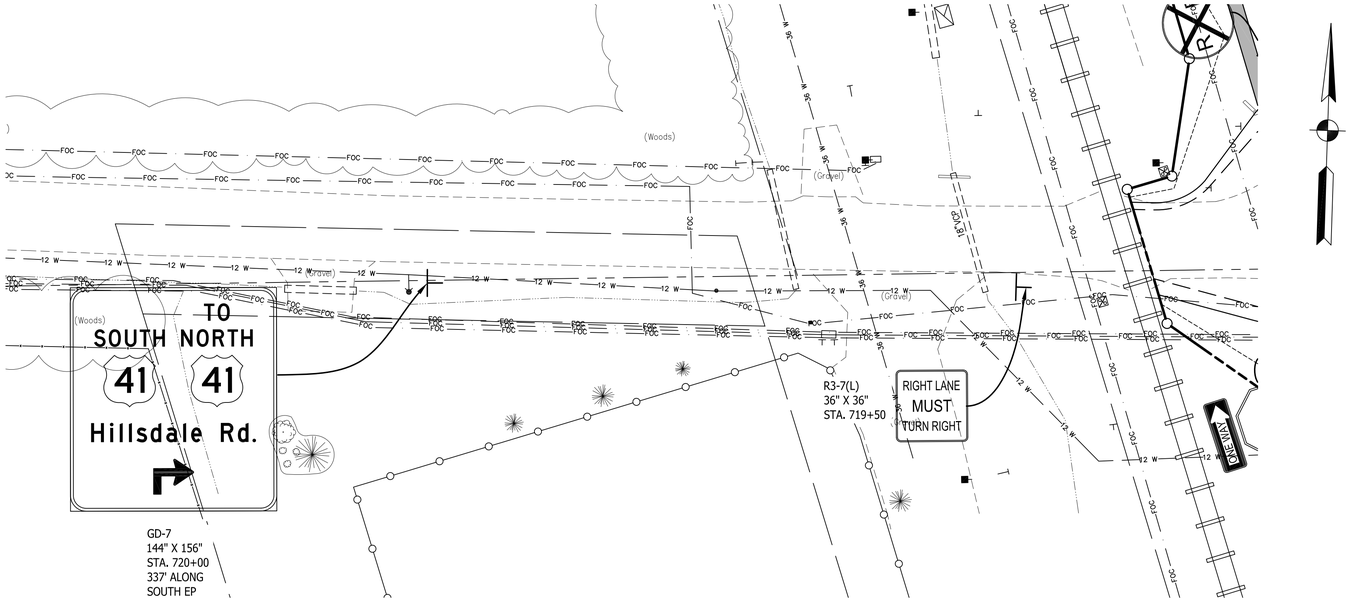
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

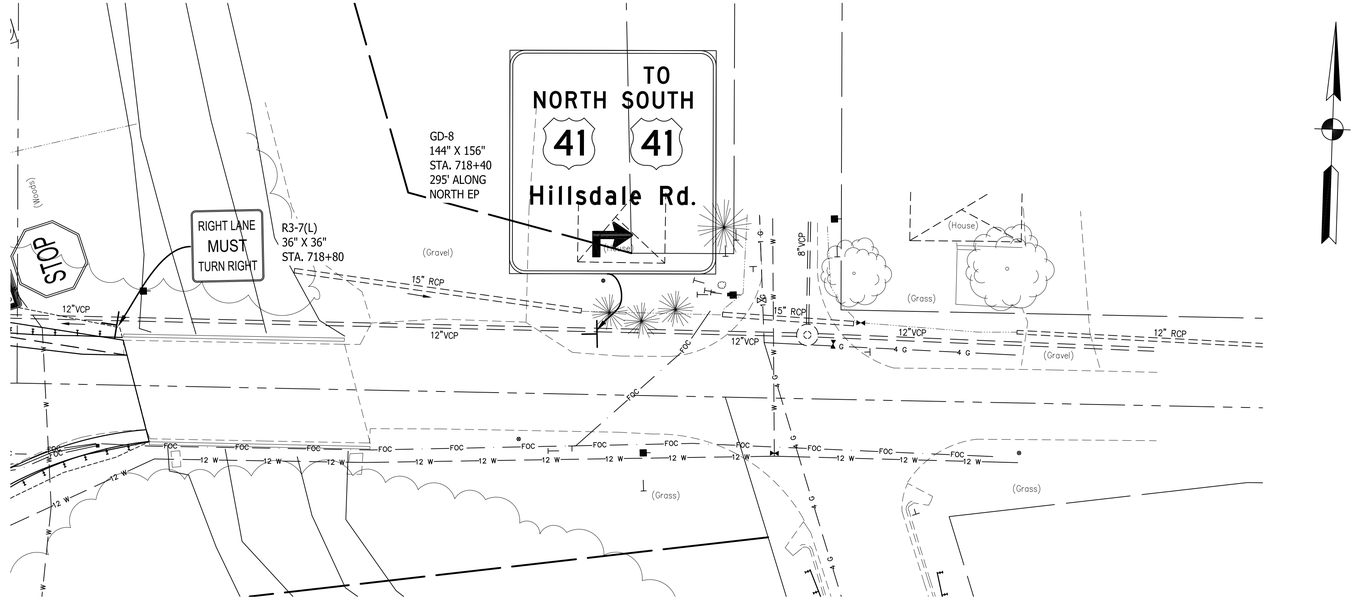
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	40 of XX
CONTRACT	PROJECT
R-37845	1400005



HILLSDALE RD. WEST APPROACH



HILLSDALE RD. EAST APPROACH

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

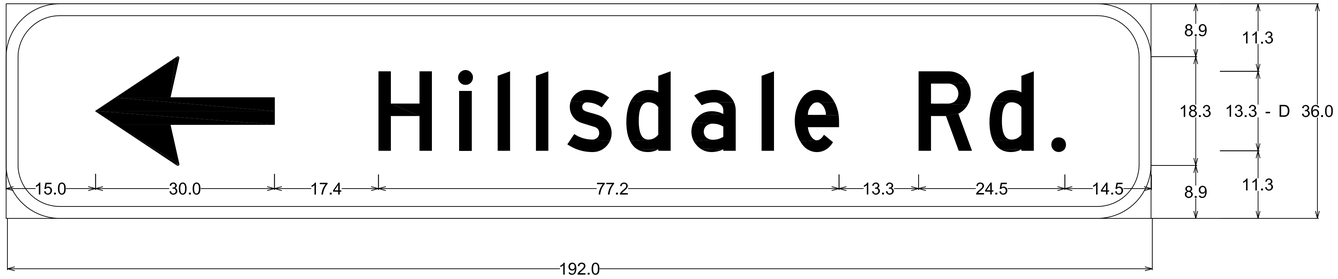
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

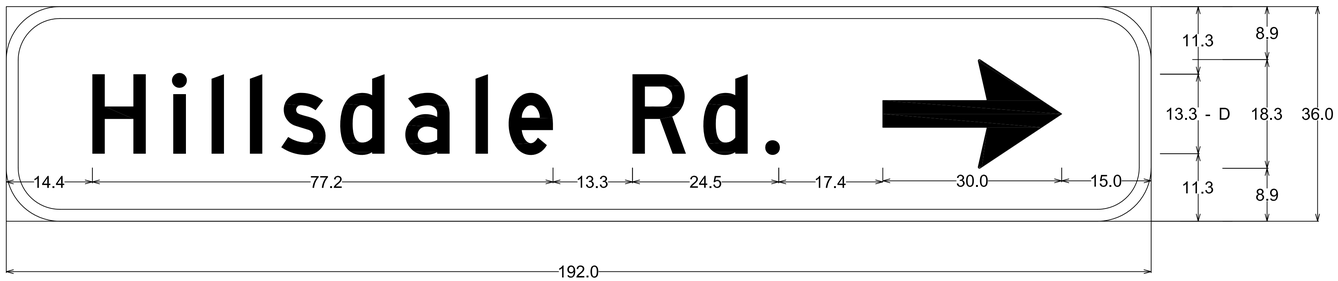
U.S. 41 and HILLSDALE ROAD SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	41 of XX
CONTRACT	PROJECT
R-37845	1400005



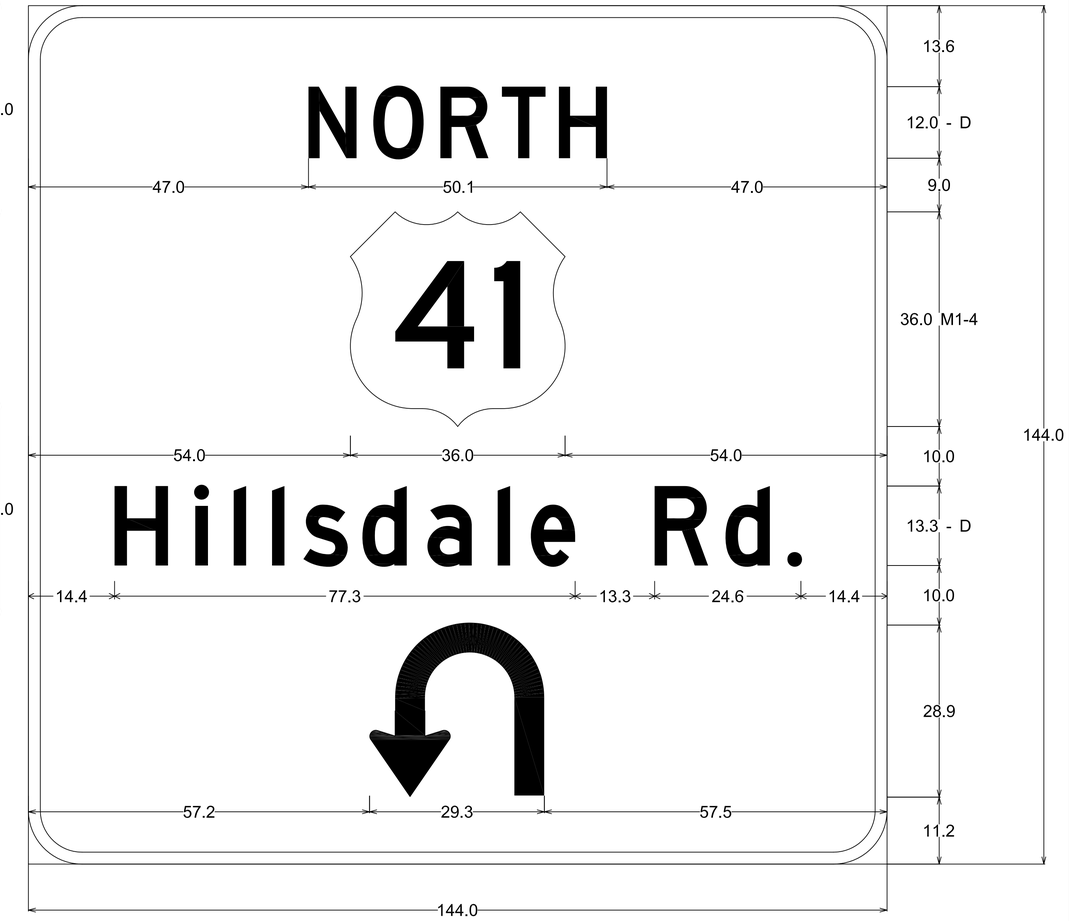
9.0" Radius, 2.0" Border, White on Green;

GD-1



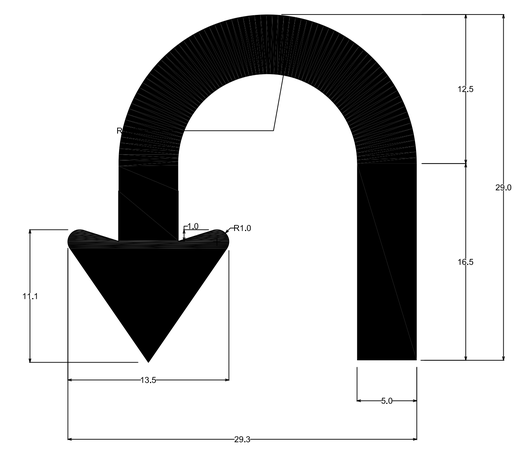
9.0" Radius, 2.0" Border, White on Green;

GD-2



9.0" Radius, 2.0" Border, White on Green;

GD-3



U TURN ARROW

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

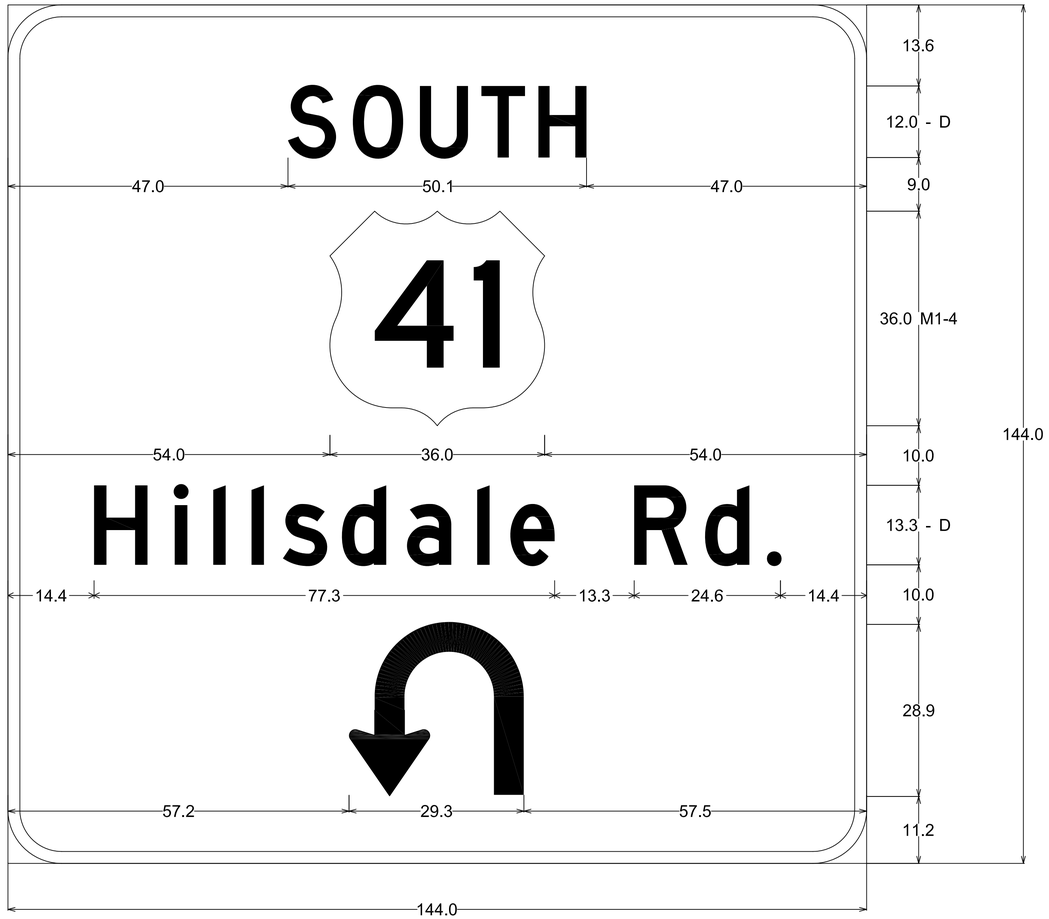
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

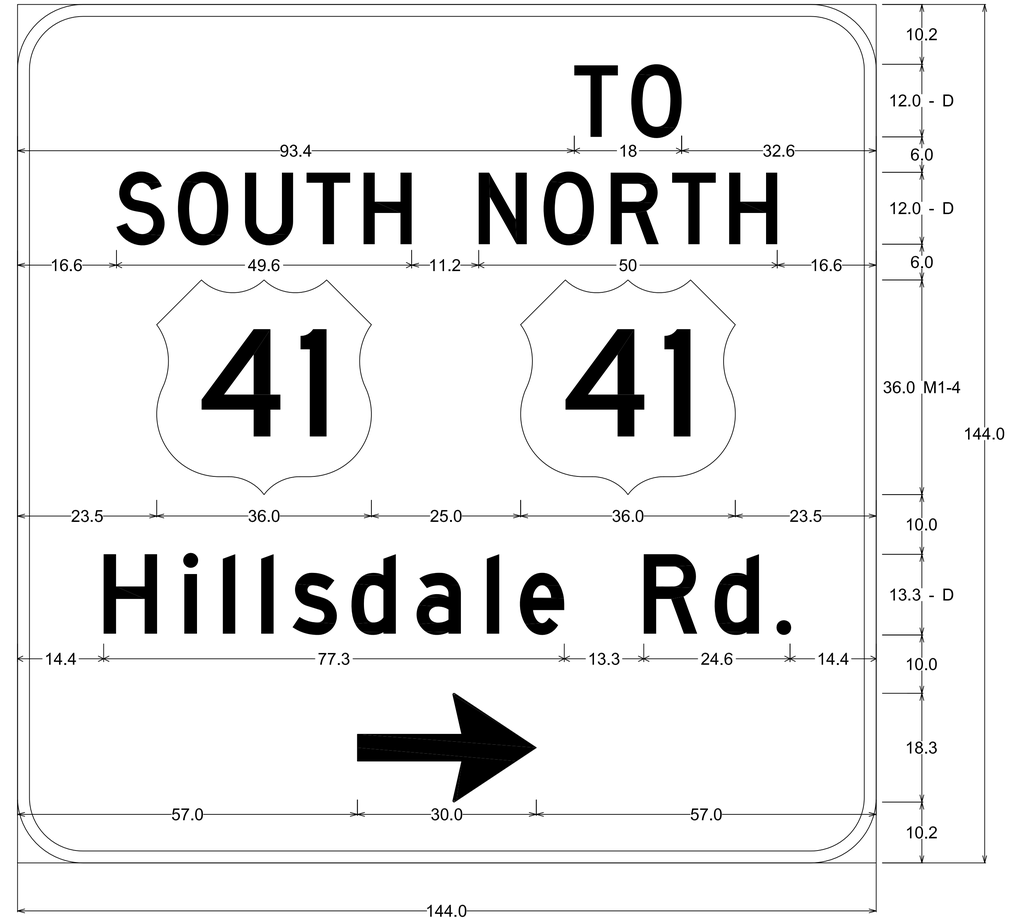
U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	42 of XX
CONTRACT	PROJECT
R-37845	1400005



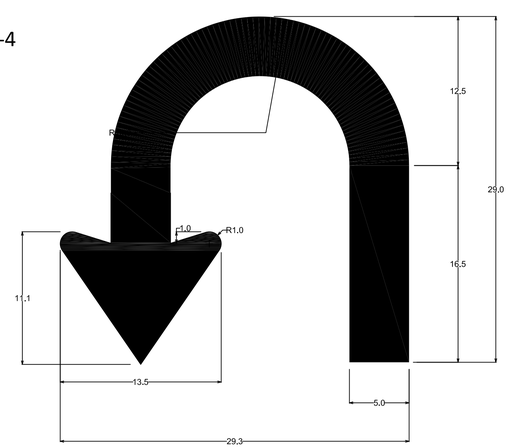
9.0" Radius, 2.0" Border, White on Green;

GD-4



9.0" Radius, 2.0" Border, White on Green;

GD-5



U TURN ARROW

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

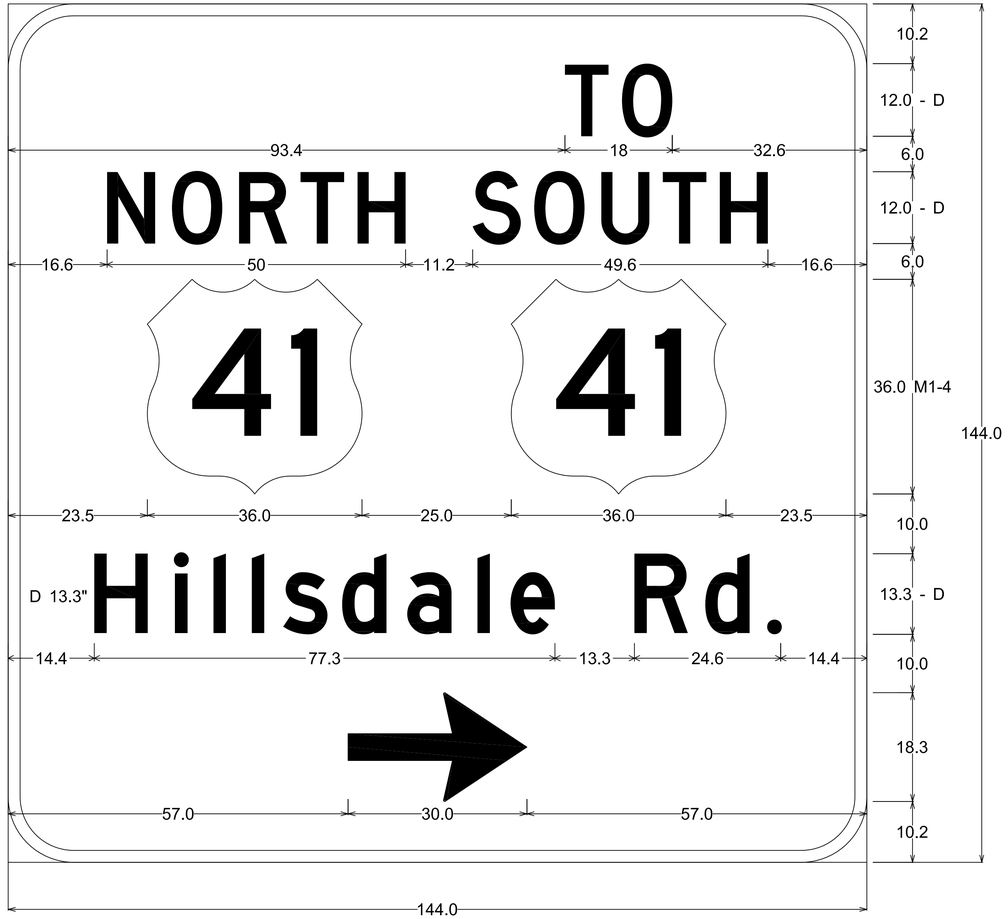
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

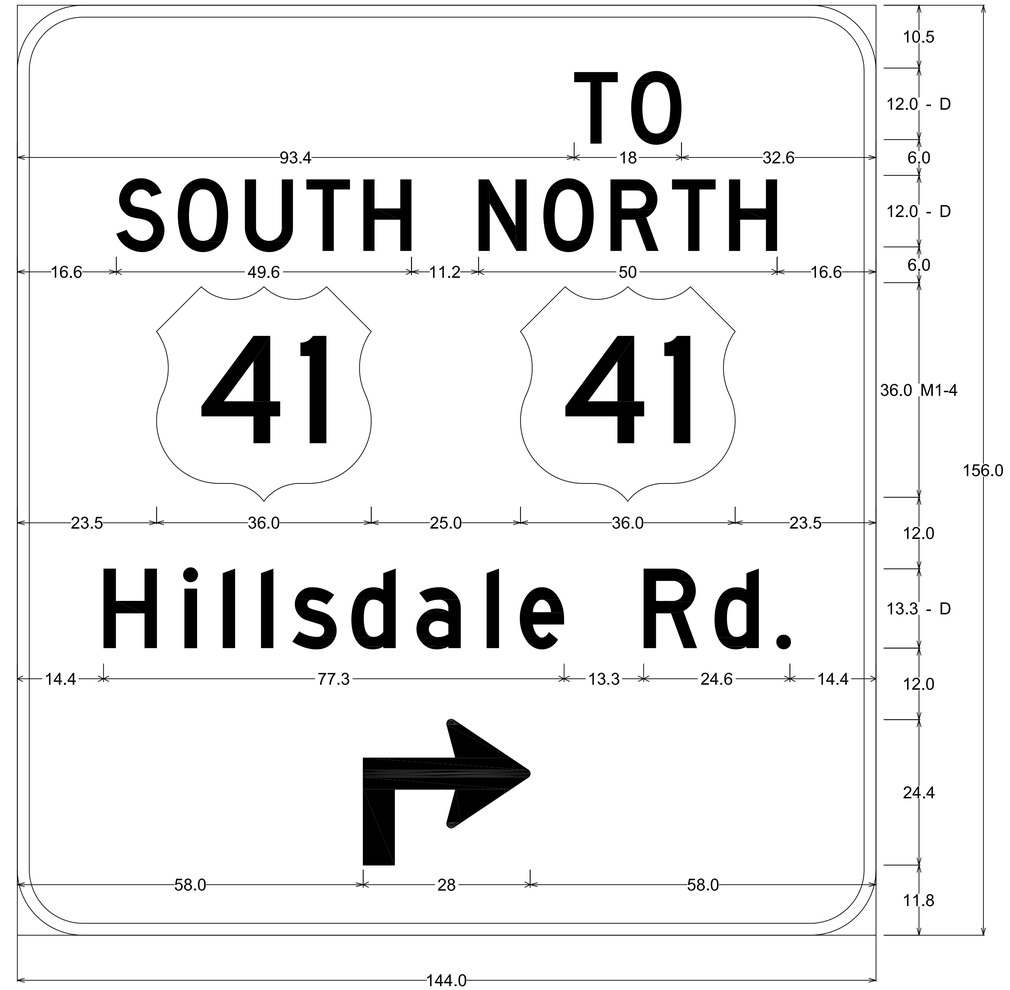
U.S. 41 and HILLSDALE ROAD SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	43 of XX
CONTRACT	PROJECT
R-37845	1400005



9.0" Radius, 2.0" Border, White on Green;

GD-6



9.0" Radius, 2.0" Border, White on Green;

GD-7

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

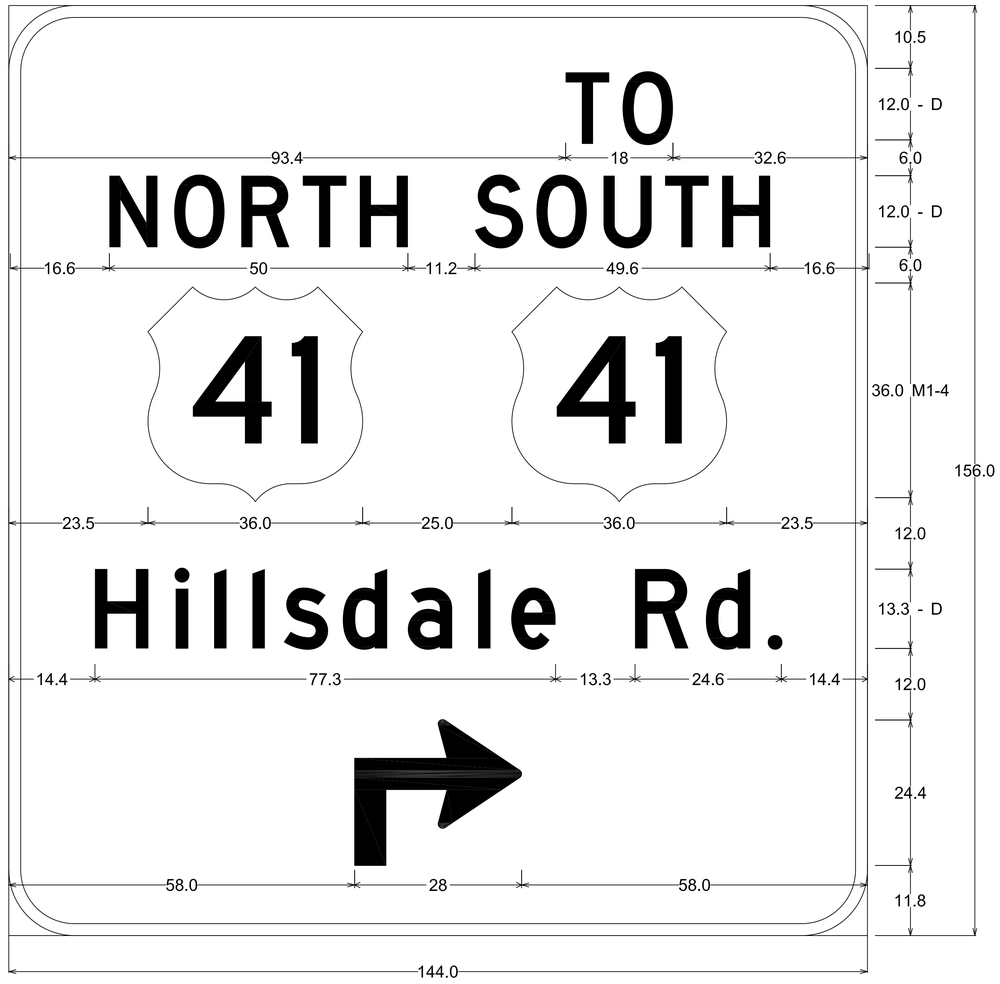
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	44 of XX
CONTRACT	PROJECT
R-37845	1400005



9.0" Radius, 2.0" Border, White on Green;

GD-8

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	45 of XX
CONTRACT	PROJECT
R-37845	1400005

SIGN LOCATION	SIDE	SIGN CODE	SIGN MESSAGE	SIGN SIZE	GROUND MOUNTED SIGN AREA				SIGN POST TYPE 1	SHARE SUPPORT	COMMENTS
					0.080"	0.100"	0.125"	0.100" DOUBLE SIDED	2 1/4" X 2 1/4" - 12 GA		
				IN. X IN.	SFT.	SFT.	SFT.	SFT.	LFT		
707+00	RT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
707+00	RT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
708+00	LT	M3-3	SOUTH	36 X 18		4.50			12.5	X	
708+00	LT	M1-4(41)	US 41	36 X 36		9.00				X	
708+75	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
708+75	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
708+85	RT	R6-1(L)	ONE WAY LT.	54 X 18		6.75			12.5	X	
708+85	RT	R1-1	STOP	36 X 36		9.00				X	
709+25	RT	R6-1(L)	ONE WAY LT.	54 X 18		6.75			16.0	X	
709+25	RT	M3-1	NORTH	36 X 18		4.50				X	
709+25	RT	M1-4(41)	US 41	36 X 36		9.00				X	
709+25	RT	M6-1(L)	ARROW LT.	30 X 21		4.38				X	
709+35	RT	GD-1	HILLSDALE RD. LT	72 X 12	SEE PANEL SIGN TABLE				GD-1		
709+80	LT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
709+80	LT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
710+10	LT	GD-3	NORTH 41 / HILLSDALE RD / U TURN	126 X 144	SEE PANEL SIGN TABLE				GD-3		
710+40	RT	R3-7(R)	RIGHT LANE MUST TURN RIGHT	36 X 36		9.00			11.0		
711+35	LT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
711+35	LT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
712+20	LT	R3-7(L)	LEFT LANE MUST TURN LEFT	36 X 36		9.00			11.0		
713+20	LT	R3-7(L)	LEFT LANE MUST TURN LEFT	36 X 36		9.00			11.0		
714+40	RT	R3-7(R)	RIGHT LANE MUST TURN RIGHT	36 X 36		9.00			11.0		
716+00	RT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
716+00	RT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
716+00	LT	GD-3	NORTH 41 / HILLSDALE RD / U TURN	126 X 144	SEE PANEL SIGN TABLE				GD-3		
716+00	LT	M3-3	SOUTH	36 X 18		4.50			12.5	X	
716+00	LT	M1-4(41)	US 41	36 X 36		9.00				X	
716+20	LT	R3-7(L)	LEFT LANE MUST TURN LEFT	36 X 36		9.00			11.0		
717+40	RT	GD-2	HILLSDALE RD. RT	72 X 12	SEE PANEL SIGN TABLE				GD-2		
717+40	RT	R3-7(R)	RIGHT LANE MUST TURN RIGHT	36 X 36		9.00			11.0		
717+70	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
717+70	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
717+85	RT	W10-1	ADVANCE RAILROAD CROSSING	36 DIA		9.00			11.0		
718+78	LT	R6-1(R)	ONEWAY RT.	54 X 18		6.75				X	
718+78	LT	M3-3	SOUTH	36 X 18		4.50				X	
718+78	LT	M1-4(41)	US 41	36 X 36		9.00				X	
718+78	LT	M6-1(R)	ARROW RT.	30 X 21		4.38				X	
718+78	LT	R4-5	TO	36 X 18		4.50				X	
718+78	LT	M3-1	NORTH	36 X 18		4.50				X	
718+78	LT	M1-4(41)	US 41	36 X 36		9.00				X	
718+78	LT	M6-1(R)	ARROW RT.	30 X 21		4.38				X	
718+78	LT	GD-2	HILLSDALE RD. ARROW RT.	GD-2		GD-2			GD-2	X	
718+88	RT	R6-1(L)	ONE WAY LT.	54 X 18		6.75			12.5	X	
718+88	RT	R1-1	STOP	36 X 36		9.00				X	
719+09	LT	R6-1(R)	ONE WAY RT.	54 X 18		6.75			12.5	X	
719+09	LT	R1-1	STOP	36 X 36		9.00				X	
719+15	LT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
719+15	RT	R6-1(R)	ONE WAY RT.	54 X 18		6.75			12.5	X	
719+15	RT	R1-1	STOP	36 X 36		9.00				X	
719+20	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
719+33	LT	R6-1(L)	ONE WAY LT.	54 X 18		6.75			12.5	X	
719+33	LT	R1-1	STOP	36 X 36		9.00				X	
719+47	RT	R6-1(R)	ONE WAY RT.	54 X 18		6.75				X	
719+47	RT	M3-1	NORTH	36 X 18		4.50				X	
719+47	RT	M1-4(41)	US 41	36 X 36		9.00				X	
719+47	RT	M6-1(R)	ARROW RT.	30 X 21		4.38				X	
719+47	RT	R4-5	TO	36 X 18		4.50				X	
719+47	RT	M3-3	SOUTH	36 X 18		4.50				X	
719+47	RT	M1-4(41)	US 41	36 X 36		9.00				X	
719+47	RT	M6-1(R)	ARROW RT.	30 X 21		4.38				X	
719+47	RT	GD-2	HILLSDALE RD. ARROW RT.	GD-2		GD-2				X	
719+95	LT	W10-1	ADVANCE RAILROAD CROSSING	36 DIA		9.00			11.0		
720+20	LT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
720+20	LT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
720+25	LT	R3-7(L)	LEFT LANE MUST TURN LEFT	36 X 36		9.00			11.0		
720+60	LT	R3-7(R)	RIGHT LANE MUST TURN RIGHT	36 X 36		9.00			11.0	X	
720+60	LT	GD-2	HILLSDALE RD. ARROW RT.	GD-2		GD-2			GD-2	X	

SIGN LOCATION	SIDE	SIGN CODE	SIGN MESSAGE	SIGN SIZE	GROUND MOUNTED SIGN AREA				SIGN POST TYPE 1	SHARE SUPPORT	COMMENTS
					0.080"	0.100"	0.125"	0.100" DOUBLE SIDED	2 1/4" X 2 1/4" - 12 GA		
				IN. X IN.	SFT.	SFT.	SFT.	SFT.	LFT		
722+35	RT	M3-1	NORTH	36 X 18		4.50			12.5	X	
722+35	RT	M1-4(41)	US 41	36 X 36		9.00				X	
722+35	RT	GD-4	SOUTH 41 / HILLSDALE RD / U TURN	126 X 144	SEE PANEL SIGN TABLE				GD-4		
722+35	LT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
722+35	LT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
722+40	LT	W10-3(R)	ADVANCE SIDE RD. & R/R CROSSING	36 X 36		9.00			11.0		
724+35	LT	R3-7(L)	LEFT LANE MUST TURN LEFT	36 X 36		9.00			11.0		
724+40	LT	R3-7(R)	RIGHT LANE MUST TURN RIGHT	36 X 36		9.00			11.0		
726+65	RT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
726+65	RT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
728+00	RT	GD-4	SOUTH 41 / HILLSDALE RD / U TURN	126 X 144	SEE PANEL SIGN TABLE				GD-4		
728+15	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
728+15	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
728+80	LT	GD-1	ARROW LT. HILLSDALE RD	72 X 12	SEE PANEL SIGN TABLE				GD-1		
728+90	LT	M6-1(L)	ONE WAY LT.	54 X 18		6.75			16.0	X	
728+90	LT	M3-3	SOUTH	36 X 18		4.50				X	
728+90	LT	M1-4(41)	US 41	36 X 36		9.00				X	
728+90	LT	M6-1(L)	ARROW LT.	30 X 21		4.38				X	
729+05	LT	R6-1(L)	ONE WAY LT.	54 X 18		6.75			12.5	X	
729+05	LT	R1-1	STOP	36 X 36		9.00				X	
729+35	LT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
729+35	LT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
730+70	RT	M3-1	NORTH	36 X 18		4.50			12.5	X	
730+70	RT	M1-4(41)	US 41	36 X 36		9.00				X	
730+90	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
730+90	RT	R5-1	DO NOT ENTER	36 X 36		9.00			11.0		
731+15	LT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
731+15	LT	R5-1a	WRONG WAY	36 X 24		6.00			10.0		
732+38	RT	R3-7(R)	RIGHT LANE MUST TURN RIGHT	36 X 36		9.00			11.0		
732+65	RT	R6-1(R)	ONE WAY RT.	54 X 18		6.75			9.5		
732+70	RT	R6-1(R)	ONE WAY RT.	54 X 18		6.75			12.5	X	
732+70	RT	R1-1	STOP	36 X36		9.00				X	
718+40	RT	M3-1	NORTH	36 X 18		4.50				X	295 FT. ALONG THE EDGE PAVEMENT
		M1-4(41)	US 41	36 X 36		9.00				X	
		M5-1(R)	ADVANCE TURN ARROW RT.	30 X 21		4.38				X	
		R4-5	TO	36 X 18		4.50				X	
		M3-3	SOUTH	36 X 18		4.50				X	
		M1-4(41)	US 41	36 X 36		9.00				X	
		M5-1(R)	ADVANCE TURN ARROW RT.	30 X 21		4.38				X	
		GD-2	HILLSDALE RD. ARROW RT.	GD-2		GD-2			GD-2	X	
720+00	LT	M3-3	SOUTH	36 X 18		4.50				X	326 FT. ALONG THE EDGE PAVEMENT
		M1-4(41)	US 41	36 X 36		9.00				X	
		M5-1(R)	ADVANCE TURN ARROW RT.	30 X 21		4.38				X	
		R4-5	TO	36 X 18		4.50				X	
		M3-1	NORTH	36 X 18		4.50				X	
		M1-4(41)	US 41	36 X 36		9.00				X	
		M5-1(R)	ADVANCE TURN ARROW RT.	30 X 21		4.38				X	
		GD-2	HILLSDALE RD. ARROW RT.	GD-2		GD-2			GD-2	X	

SIGN AND POST SUMMARY
SHEET SIGN WITH LEGEND, 0.100 IN THICK ..... _____ SFT

SQUARE POST TYPE 1 WITH REINFORCED ANCHOR BASE ..... _____ LFT

THE ENGINEER SHALL SUPPLY TO THE CONTRACTOR A LIST OF ALL STREET NAME MESSAGES INCLUDING BLOCK NUMBERS AND LOGOS.

NO STREET NAME SIGN SHALL BE ORDERED UNTIL THE SHOP DRAWINGS ARE APPROVED BY THE ENGINEER.

ALL STREET NAME SIGNS SHALL BE PAID FOR AS STREET NAME IDENTIFICATION SIGN, DOUBLE FACED, 0.100" THICK.

ALL EXISTING SIGNS AND SUPPORTS AT THE LOCATIONS OF NEW SIGNS ARE TO BE REMOVED.

NO SIGN OR SUPPORT SHALL BE REMOVED UNTIL THE PROPOSED SIGN AND SUPPORT IS READY TO BE INSTALLED.

THE PROPOSED SIGN AND SUPPORT SHALL BE INSTALLED IMMEDIATELY UPON THE REMOVAL OF THE EXISTING.

ALL SHEET SIGNS AND SUPPORT REMOVAL TO BE INCLUDED IN THE COST OF CLEARING RIGHT-OF-WAY.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

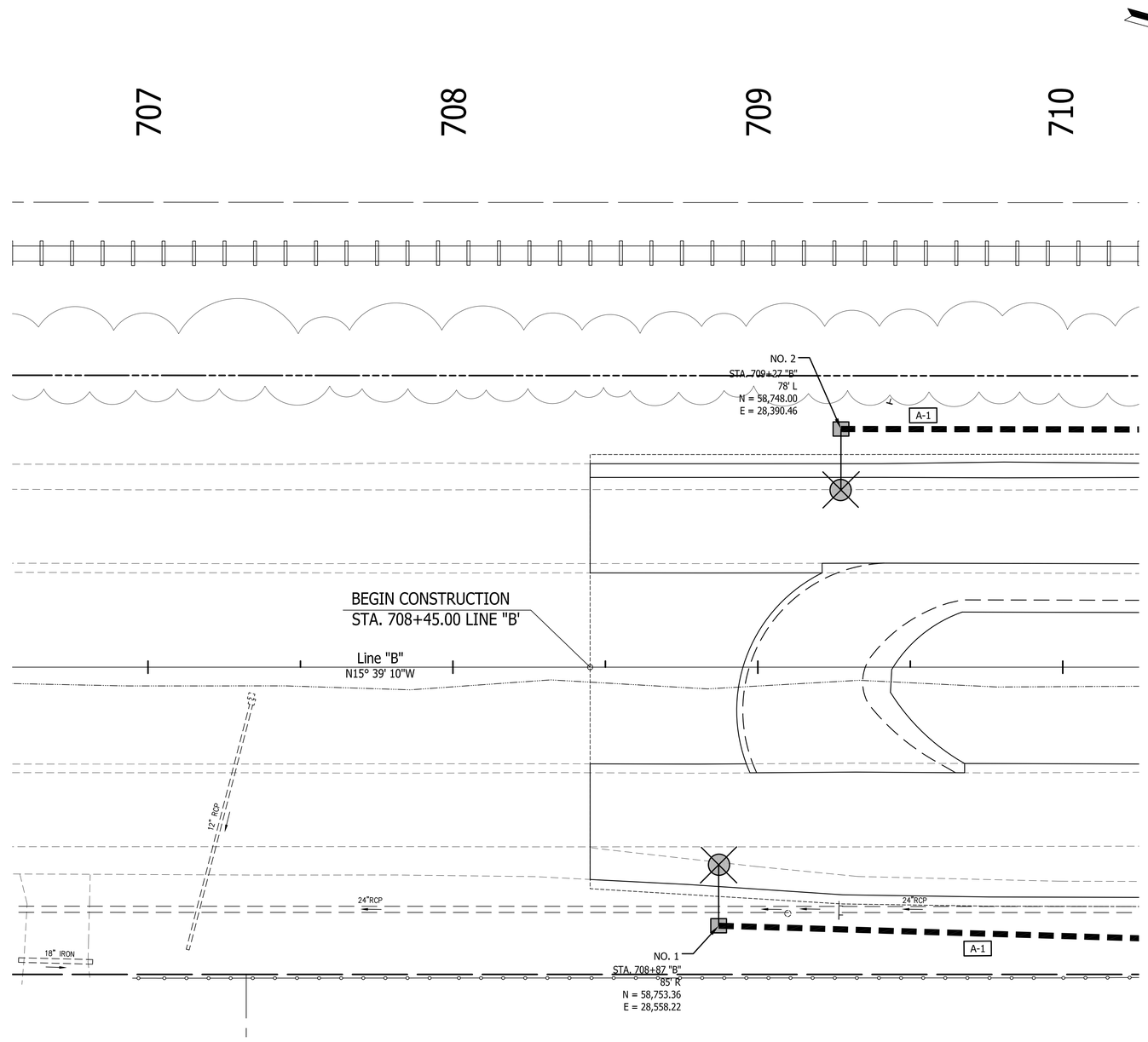
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SIGNING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	46 of XX
CONTRACT	PROJECT
R-37845	1400005

LEGEND

- A-1 — LIGHTING CIRCUIT NUMBER
- LUMINAIRE, MAST ARM, SUPPORT & FOUNDATION (SEE LUMINARIES SUMMARY TABLE)
- LIGHTING HANDHOLE
- CONDUIT
- LIGHTING CIRCUIT
- LIGHTING SERVICE, WOOD POLE, RISER - WEATHERHEAD & 20' HOOKUP CABLE



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

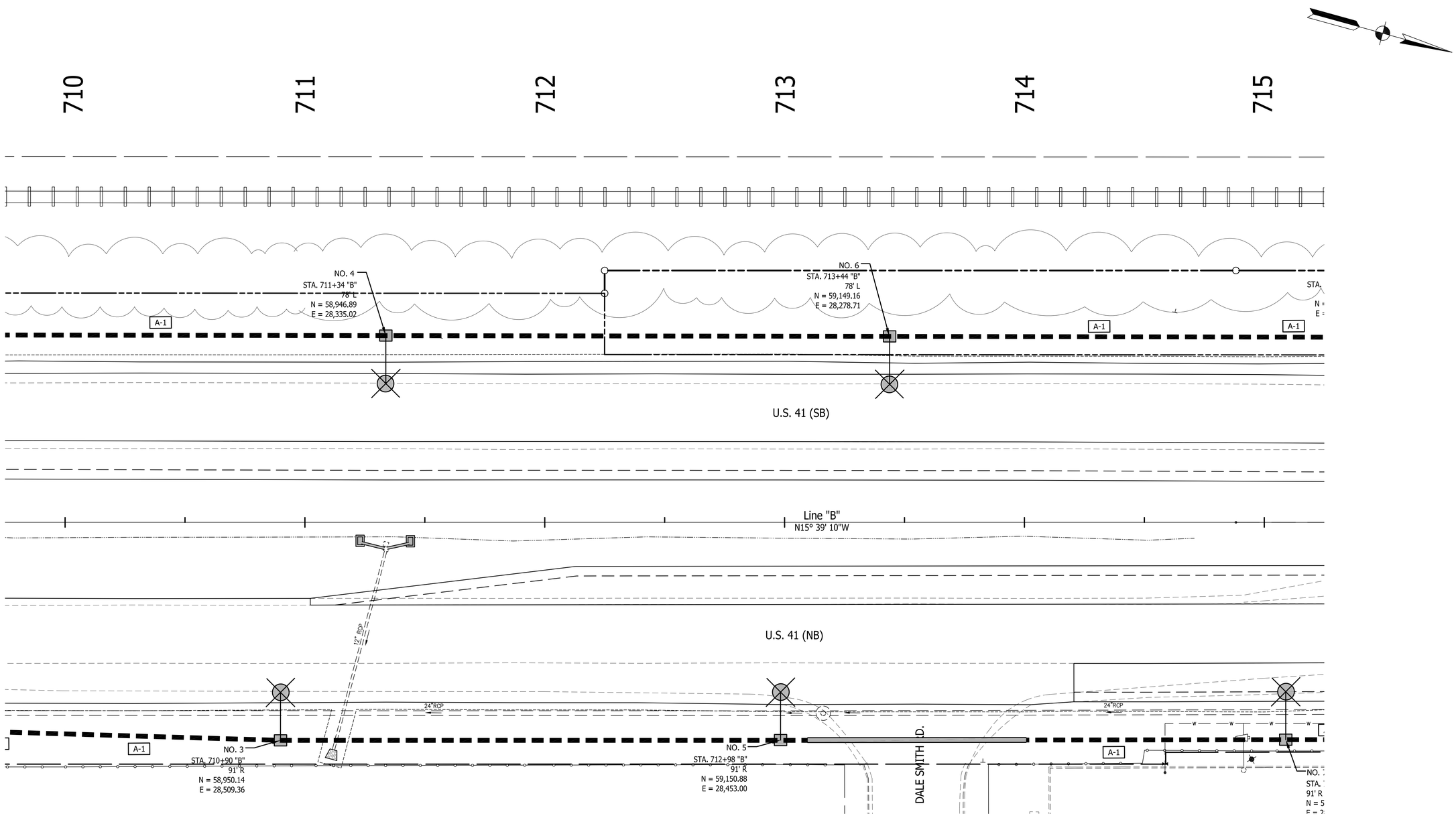
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD LIGHTING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	47 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

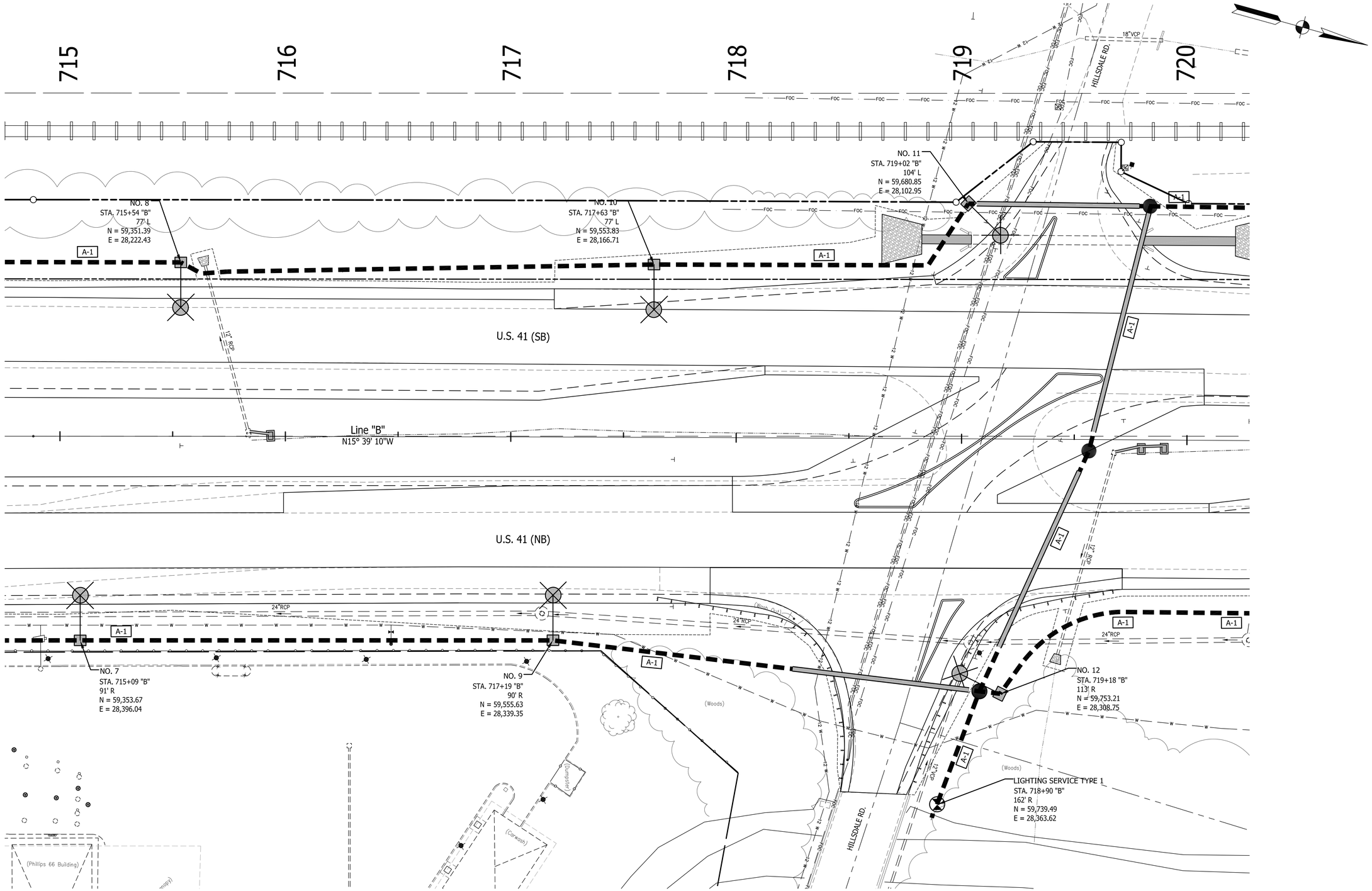
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
LIGHTING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	48 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

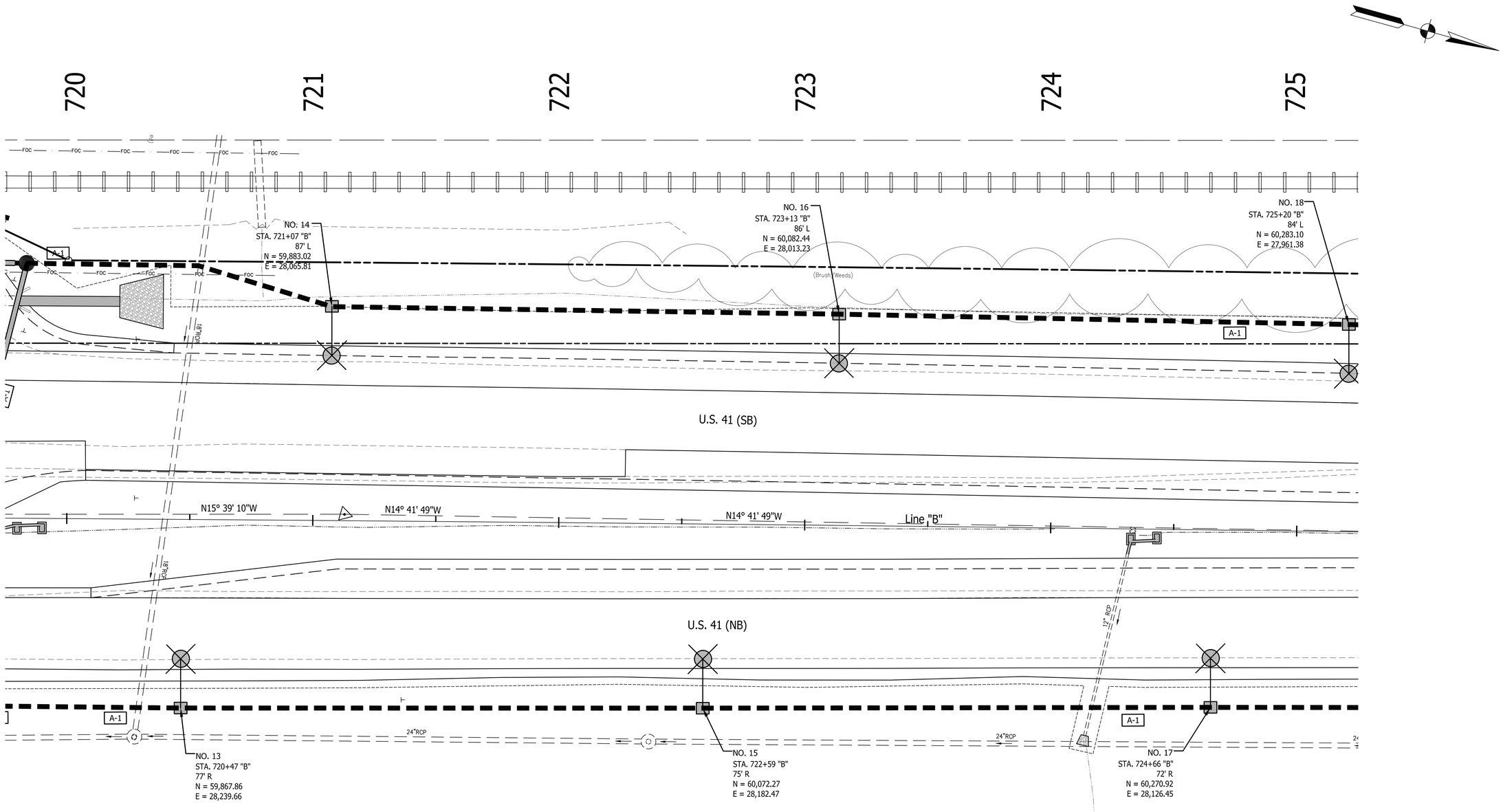
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
LIGHTING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	49 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

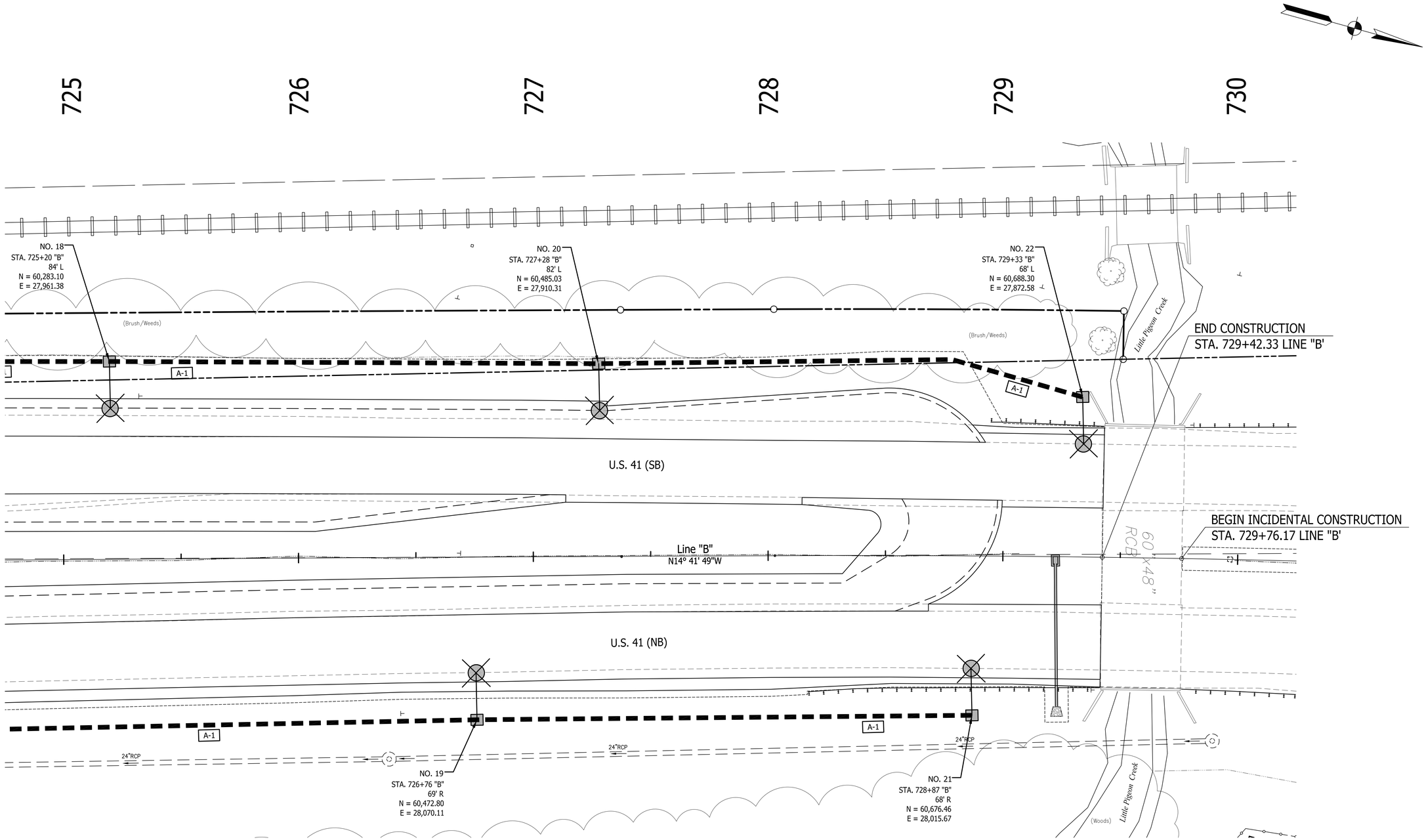
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
LIGHTING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	50 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

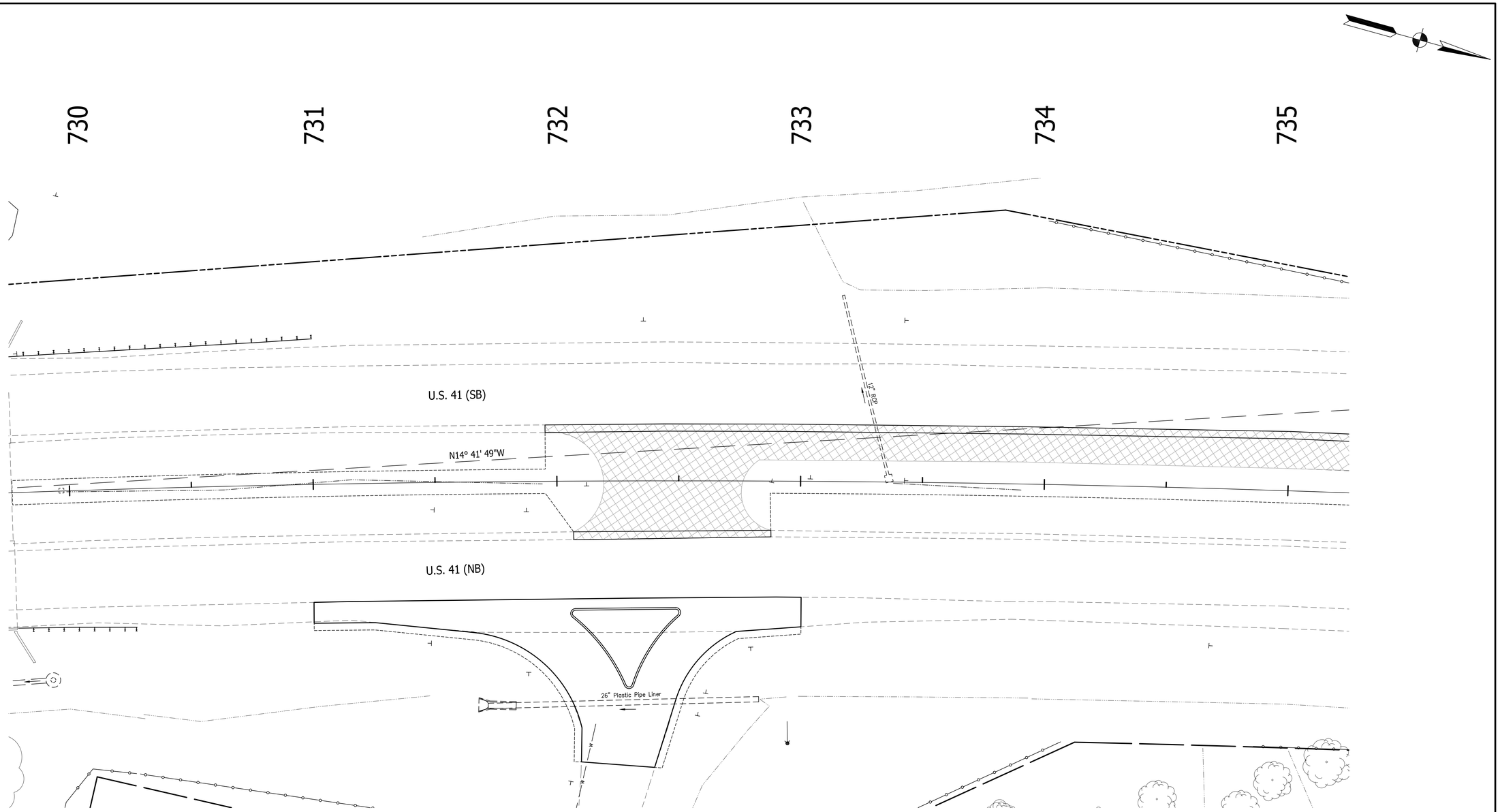
RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
LIGHTING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	51 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

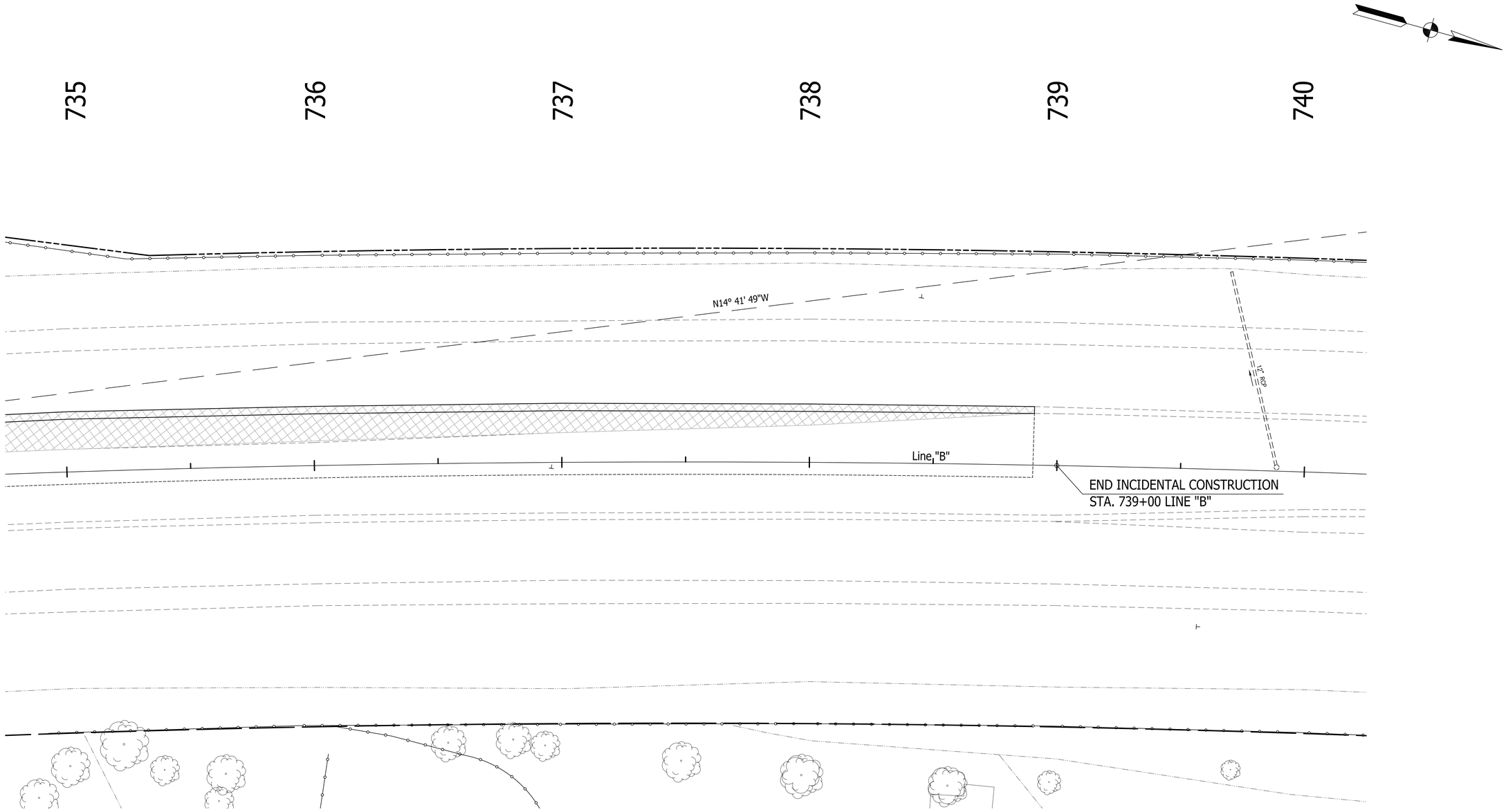
DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
LIGHTING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	52 of XX
CONTRACT	PROJECT
R-37845	1400005



Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
LIGHTING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	53 of XX
CONTRACT	PROJECT
R-37845	1400005

LUMINAIRE SCHEDULE

LUMINAIRE NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
STATION		708+87	709+27	7109+00	711+34	712+98	713+44	715+09	715+54	717+19	717+63	719+02	719+18	720+47	721+07	722+59	723+13	724+66	725+20	726+76	727+28	728+87	729+33	
SIDE		85' R	78'L	91' R	78'L	91' R	78'L	91' R	77' L	90' R	77' L	104' L	113' R	77' R	87' L	75' R	86' L	72' R	84' L	69' R	82' L	68' R	68' L	
CIRCUIT NO.		A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	
CIRCUIT CONNECTION		R	B	B	R	R	B	B	R	R	B	B	R	B	R	R	B	B	R	R	B	B	R	
CONNECTION TYPE		1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	
LUMINAIRE OVERHANG FROM EDGE OF PAVEMENT	FT.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MAST ARM LENGTH	FT.	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	
FOUNDATION OFFSET FORM EDGE OF PAVEMENT	FT.																							
FOUNDATION ELEV. RELATIVE TO EDGE OF PAVEMENT ELEV.	FT.																							
POLE LENGTH	FT.																							
POLE BASE TYPE		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	

TP BE COMPLETED PRIOR TO STAGE 3

TP BE COMPLETED PRIOR TO STAGE 3

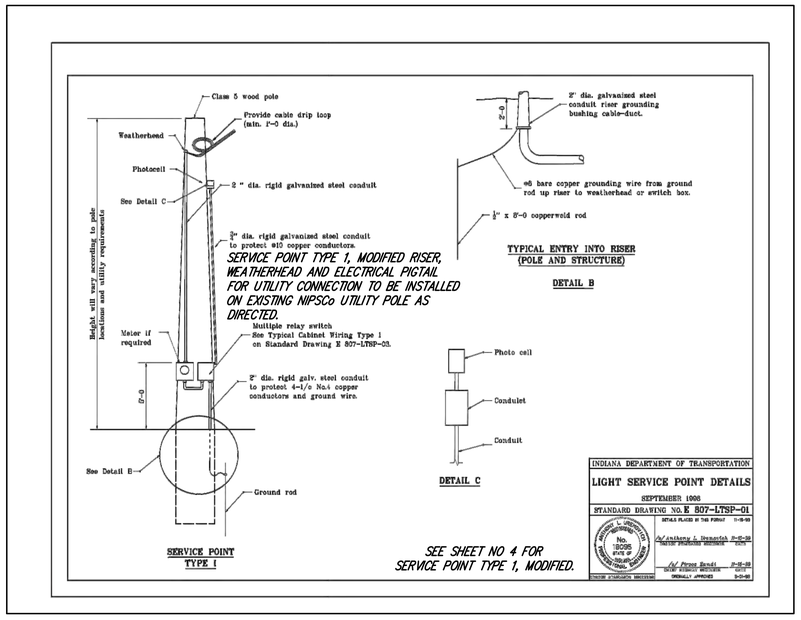
TP BE COMPLETED PRIOR TO STAGE 3

TP BE COMPLETED PRIOR TO STAGE 3

SERVICE AMPERAGE TABLE

STREET	SERVICE POINT	SERVICE TYPE	VOLTAGE (VOLTS)	MAIN BREAKER (AMPS)	CIRCUIT	CIRCUIT WIRE SIZE (AWG)	BRANCH CIRCUIT COLOR	BRANCH CIRCUIT DESIGN LOAD	BRANCH CIRCUIT BREAKER	BRANCH CIRCUIT END VOLTAGE (VOLTS)	BRANCH CIRCUIT VOLTAGE DROP (PERCENT)
US 41	A-1	1	120 / 240	100	M-1	6	RED	27.5	30	115.0	4.2%
						6	BLACK	27.5	30	114.0	5.0%

LUMINAIRE DESIGN TABLE		
	DESIGN	AASHTO
LUMINAIRE STYLE	LED COBRA HEAD	
LAMP TYPE	LED 278 W INPUT	
LUMINAIRE CLASTIFICATION (IES DISTRIBUTATION)	TYPE III	
DESIGN BASED PHOTOMETRICS IES FILE	ERL2_30C340__ELSHS-ERL2-BLCK.IES	
VOLTAGE	1200/0240	
NOMINAL MOUNTING HEIGHT (M.H.)	40	
INITIAL LAMP LUMENS WATTS (LL)	22,845	
LAMP LUMEN DEPRECIATION FACTOR (LLD)	0.90	
LUMINAIRE DIRT DEPRECATION FACTOR (LDD)	0.90	
DESIGN MAINTENANCE FACTOR (LLF=LLD X LDD)	0.81	
DESIGN MAINTAINED LUMENS (LL X LLF)	18,504	AASHTO
LUMINAIRE LOAD OPERATING AMPS (__ W / 120 V)	0.5	
AVG. ILLUMINANCE (fc)	1.9	1.6
MIN. ILLUMINANCE (fc)	0.6	0.5
UNIFORMITY RATIO (AVG. / MIN.)	3.2:1	3:1



All lighting services shall be installed on a seperate wood pole with a minimum clearance of 5 feet from a NIPSCo Utility Pole, as directed. No lighting service equipment to be installed on any NIPSCo Utility Poles.

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: T.F.S. DRAWN: T.F.S.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD LIGHTING PLANS

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	54 of XX
CONTRACT	PROJECT
R-37845	1400005

SUMMARY OF QUANTITIES AND APPROACH TABLE

LOCATION (STATION)	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	DISTANCE BEYOND R/W LINE	RADII	GRADE (LESS THAN 10% NOT SHOWN)		EXCAVATION		QC/QA HMA, 3, 70, SURFACE, 9.5mm,		3, 70, INTERMEDIATE 19.0 mm			3, 64, BASE 25.0 mm		ASPHALT MILLING & HMA RESURFACE, MAINLINE		HMA RESURFACE (VARIABLE DEPTH), MAINLINE		ASPHALT MILLING & HMA RESURFACE, SHOULDER		HMA FOR WIDENING, MAINLINE		HMA FOR SHOULDER		HMA FOR APPROACHES		HMA PATCHING FULL DEPTH			COMPACTED AGGREGATE NO. 53		SUBGRADE TREATMENT TYPE				CONCRETE CURB & GUTTER REMOVAL	ASPHALT PAVEMENT REMOVAL	ASPHALT MATERIAL FOR TACK COAT	CENTER CURB, CONCRETE	CURB & GUTTER, CONCRETE	CURB & GUTTER, ROLL	CURB, CONCRETE	CURB RAMP, CONCRETE	JOINT ADHESIVE, SURFACE	JOINT ADHESIVE, INTERMEDIATE	LIQUID ASPHALT SEALANT
								CYDS.		LBS. PER SYD.		LBS. PER SYD.			LBS. PER SYD.		LBS. PER SYD.		LBS. PER SYD.		LBS. PER SYD.		LBS. PER SYD.		LBS. PER SYD.		LBS. PER SYD.																					
		"W"	"L"			1	2	CUT	FILL	165		275			440		165	385	165	385	165	385	165	385	165	385	165	385	165	275	440	6 IN	7 IN	I	IC	II	III													
		FT.	FT.	FT.	FT.	%	%		+25%	TONS		TONS			TONS		TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	SYS.	SYS.	SYS.	SYS.	LFT.	SYS.	TONS	SYS.	LFT.	LFT.	LFT.	SYS.	LFT.	LFT.	LFT.
LINE "B"																																																	
719+11.74 RT.	TYPE C MOD P.R.A.	19.4	88.1	-	48.8 - 40.0			X	X								X								X		X														X							
719+11.74 LT.	TYPE C MOD P.R.A.	20.6	63.8	61.0	100.0 - 40.0			X	X																X		X														X							
732+58.45 RT.	TYPE B P.R.A.	30.1	67.9	-	50.9 - 45.7			X	X								X																								X							
SUBTOTALS FROM ABOVE								X	X								X								X		X														X							
LINE "B" MAINLINE TOTALS								X	X								X		X		X		X		X														X		X							
TOTALS (ROUNDED)								X	X									X		X		X		X		X		X											X		X							

NOTE:

P.R.A. = PUBLIC ROAD APPROACH

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: G.S.H.

CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA DEPARTMENT OF TRANSPORTATION

U.S. 41 and HILLSDALE ROAD
SUMMARY OF QUANTITIES & APPROACH TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	55 of XX
CONTRACT	PROJECT
R-37845	1400005

STRUCTURE DATA

STRUCTURE NUMBER	LOCATION	LEFT	RIGHT	CROSS	SIZE (INCHES)	PIPE TYPE	MANHOLE, INLET CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH (FT.)	SKEW	COVER	FLOW LINE UP STREAM ELEV.	FLOW LINE DOWN STREAM ELEV.	SERVICE LIFE YR.	SITE DESIGNATION	pH	STRUCTURE BACKFILL CU. YDS. TYPE 1	STRUCTURE BACKFILL CU. YDS. TYPE 5	PIPE CLEANING 12"-48" LFT.	GEOTEXTILES SYS.	REVETMENT RIPRAP TONS	VIDEO INSPECTION FOR PIPE LFT.	PIPE END SECTION EA.	SAFETY METAL END SECTION SLOPE	SAFETY METAL END SECTION EA.	REMARKS
	LINE "B"																								
10	711+23.0		X		12																				
11	711+33.8		X		12																				
12	711+44.0		X		12																				
13	715+83.5	X			12																				
14	715+93.5		X		12																				
15	719+41.4	X			48																				
16	719+67.7		X		12																				
17	719+80.0		X		12																				
18	719+90.0		X		12																				
19	724+32.6		X		12																				
20	724+43.0		X		12																				
21	729+22.4		X		12																				

ABBREVIATION LEGEND

- C.M.P.A. — CORRUGATED METAL PIPE ARCH
- C.M.P. — CORRUGATED METAL PIPE
- D.I.F. — DETERMINE IN FIELD
- C.P.P. — CORRUGATED PLASTIC PIPE
- R.C.P. — REINFORCED CONCRETE PIPE
- P.G.C.S. — PRECOATED GALVANIZED CORRUGATED STEEL
- S.P.P.A. — STRUCTURAL PLATE PIPE ARCH
- M.T.F. — MINIMUM TREATMENT FLOW OF B.M.P.
- A.C.S.2. — ALUMINUM COATED STEEL TYPE 2
- C.S. — CORRUGATED STEEL
- C.A. — CORRUGATED ALUMINUM
- S.P.S. — STRUCTURAL PLATE STEEL
- G.B.E.S. — GRATED BOX END SECTION
- S.M.E.S. — SAFETY METAL CULVERT END SECTION
- * — INDICATES RIM ELEVATION
- A. — ABRASIVE
- N. — NON-ABRASIVE

PIPE MATERIALS

STRUCTURE NUMBER		10	11	12	13	14	15	16	17	18	19	20	21
PIPE TYPE/ SHAPE													
SMOOTH PIPE SIZE													
DUCTILE IRON (DI) PIPE SIZE													
RCP/ RCHEP (S)	CLASS												
	D0.01 RATING												
NON-REINFORCED CONCRETE PIPE, CLASS 3 (S)													
CORRUGATED PE PIPE, TYPE S (S) *													
RIBBED PE PIPE (S) *													
SMOOTH WALL PE PIPE (S)*/ MAXIMUM DR 26.00													
PROFILE WALL PVC PIPE (S)													
SMOOTH WALL PVC PIPE (S) *													
VITRIFIED CLAY PIPE, EXTRA STRENGTH (S)													
CORRUGATED STEEL PIPE/ PIPE-ARCH: FULLY BIT. COATED & LINED (S)	CORR. PROFILE												
	THICKNESS												
ZINC COATED (C)	CORR. PROFILE												
	THICKNESS												
ZINC COATED W/ BPI (C)	CORR. PROFILE												
	THICKNESS												
ALUM. COATED TYPE 2 (C)	CORR. PROFILE												
	THICKNESS												
ALUM. COATED TYPE 2 W/ BPI (C)	CORR. PROFILE												
	THICKNESS												
POLYMER PRECOATED GALVANIZED TYPE 1A (S)	CORR. PROFILE												
	THICKNESS												
POLYMER PRECOATED GALVANIZED (C)	CORR. PROFILE												
	THICKNESS												
FIBER BONDED BITUMINOUS COATED (C)	CORR. PROFILE												
	THICKNESS												
FIBER BONDED BITUMINOUS COATED W/ BPI (C)	CORR. PROFILE												
	THICKNESS												
CORRUGATED ALUM. ALLOY PIPE (C)	CORR. PROFILE												
	THICKNESS												
CORRUGATED ALUM. ALLOY PIPE W/ BPI (C)	CORR. PROFILE												
	THICKNESS												
STR. PLATE ALUMINUM ALLOY PIPE (C)	CORR. PROFILE												
	THICKNESS												
STR. PLATE ALUMINUM ALLOY PIPE W/ CFP (C)	CORR. PROFILE												
	THICKNESS												
STR. PLATE STEEL PIPE (C)	CORR. PROFILE												
	THICKNESS **												
STR. PLATE STEEL PIPE W/ CFP (C)	CORR. PROFILE												
	THICKNESS **												

WILL INCLUDE WITH STAGE 3 SUBMITTAL

ABBREVIATION LEGEND

- RCP - REINFORCED CONCRETE PIPE
- RCHEP - REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE
- PE - POLYETHYLENE
- DR - DIMENSION RATIO
- PVC - POLYVINYL CHLORIDE
- BIT - BITUMINOUS
- CORR - CORRUGATION
- BPI - BITUMINOUS PAVED INVERT
- ALUM - ALUMINUM
- STR - STRUCTURAL
- CFP - CONCRETE FIELD PAVING
- CIR - CIRCULAR PIPE
- DEF - DEFORMED PIPE
- (S) - SMOOTH PIPE MATERIAL
- (C) - CORRUGATED PIPE MATERIAL
- OK - ACCEPTABLE FOR USE
- (LS) - LOCK SEAM PIPE REQUIRED
- (R) - RIVETED
- DI - DUCTILE IRON CLASS 52 (PER SPECIAL PROVISION FOR STORM & WATER LINE CONFLICTS)
- * - REFER TO STANDARD DRAWING 715-PHCL-18 OR 19 FOR NOMINAL DIAMETER APPROPRIATE FOR PAY ITEM DIAMETER
- ** - TABULATED THICKNESS REFERS TO TOP & SIDE PLATES. BOTTOM PLATES SHALL BE OF NEXT GREATER AVAILABLE THICKNESS.
- RCBC - REINFORCED CONCRETE BOX CULVERT

Public Hearing Plans 5-20-20

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: M.J.K. DRAWN: G.S.H.

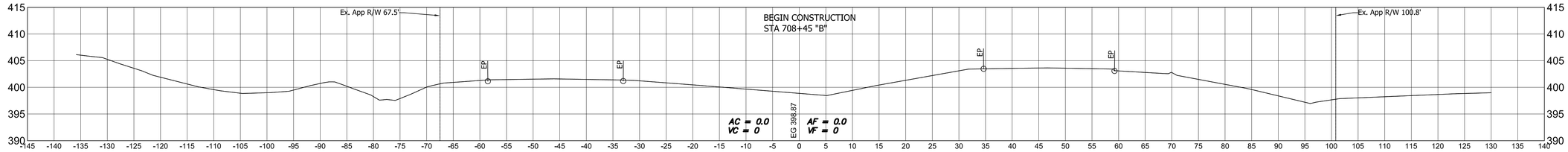
CHECKED: M.J.K. CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

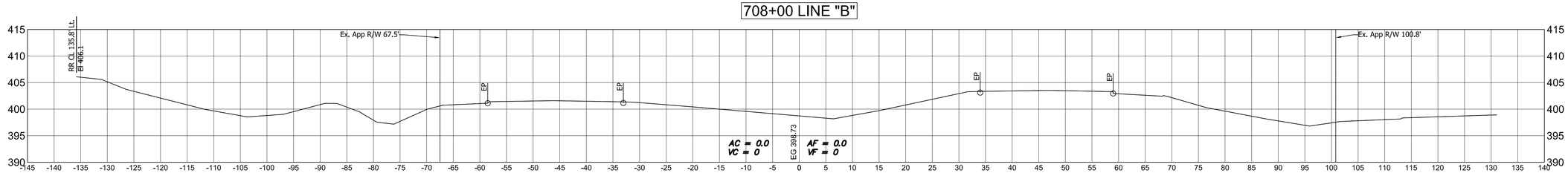
U.S. 41 and HILLSDALE ROAD
STRUCTURE DATA & PIPE MATERIALS TABLE

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	N/A
VERTICAL SCALE	DESIGNATION
N/A	1400005
SURVEY BOOK	SHEETS
N/A	56 of XX
CONTRACT	PROJECT
R-37845	1400005

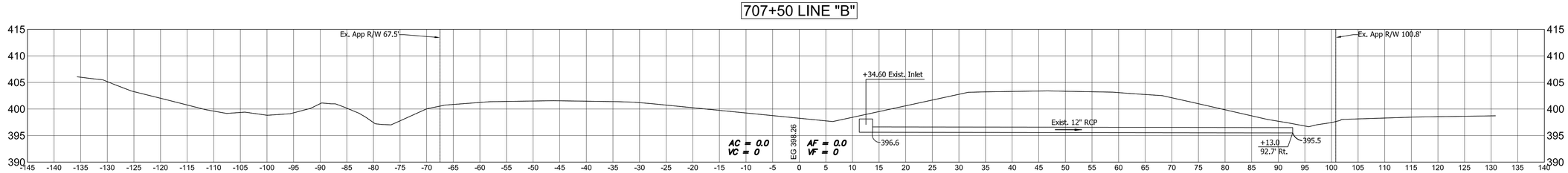
708+50 LINE "B"



708+00 LINE "B"



707+50 LINE "B"



Public Hearing Plans 5-20-20

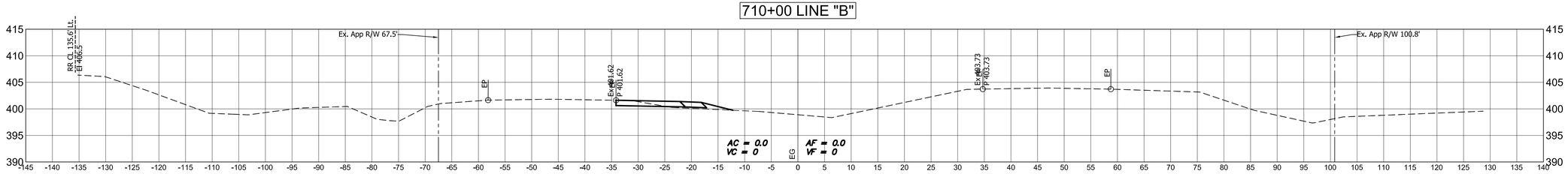
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

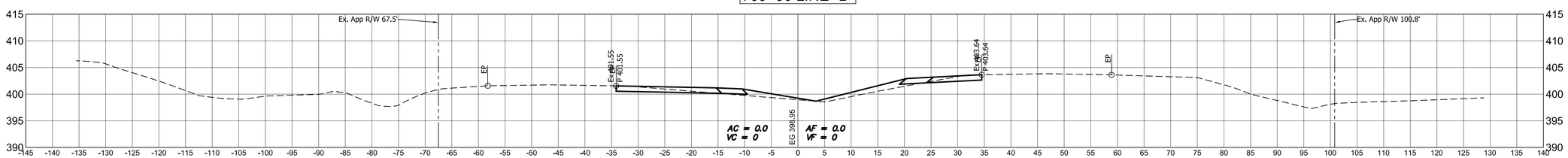
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	57 of XX
CONTRACT	PROJECT
R-37845	1400005

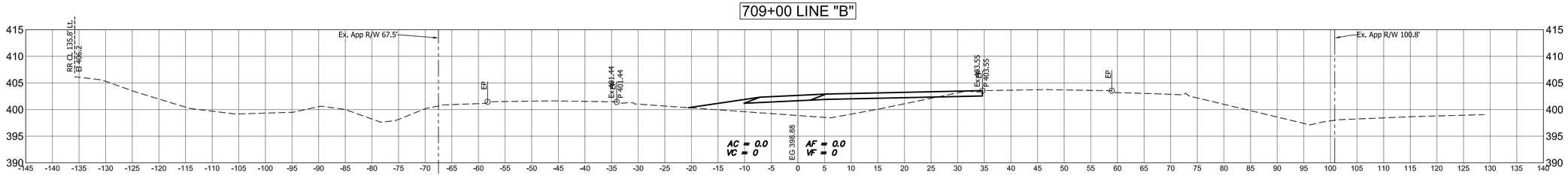
710+00 LINE "B"



709+50 LINE "B"



709+00 LINE "B"



Public Hearing Plans 5-20-20

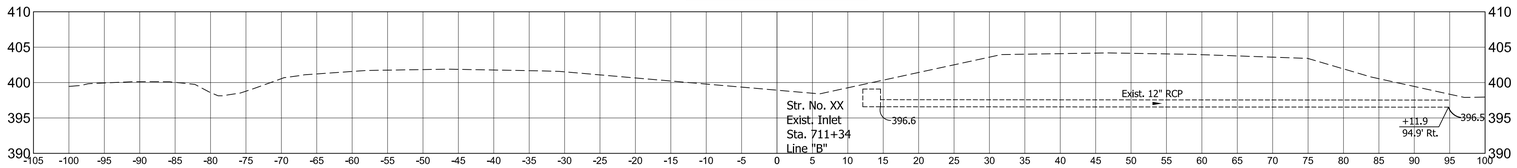
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

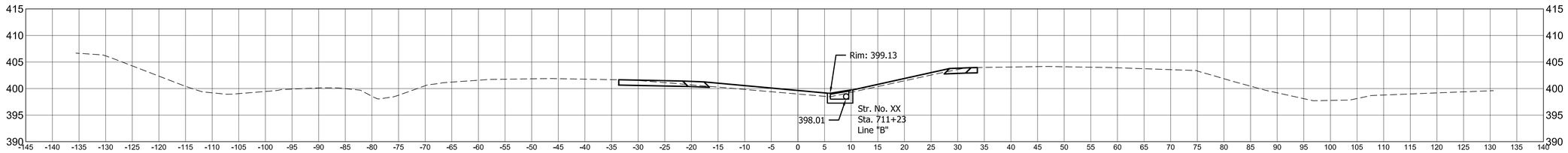
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	58 of XX
CONTRACT	PROJECT
R-37845	1400005

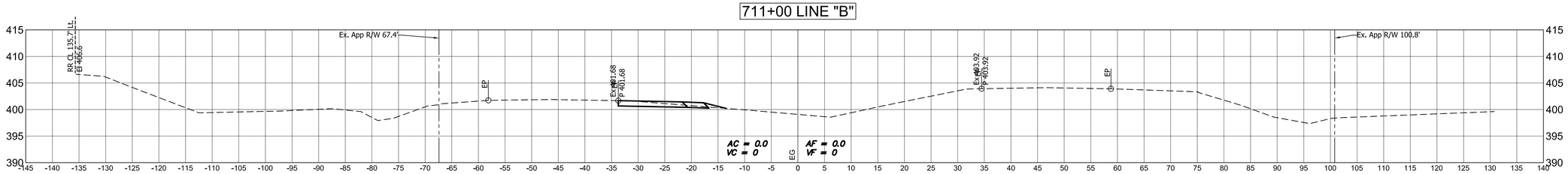
711+33.94 LINE "B"



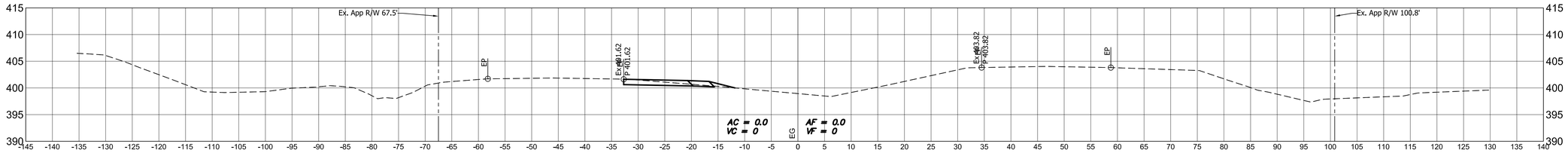
711+23 LINE "B"



711+00 LINE "B"



710+50 LINE "B"



Public Hearing Plans 5-20-20

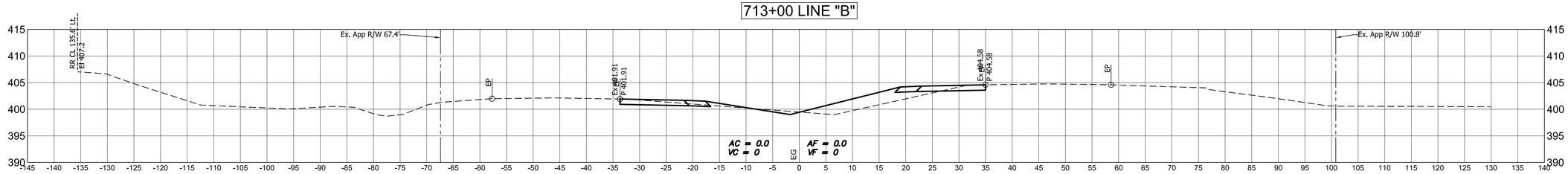
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

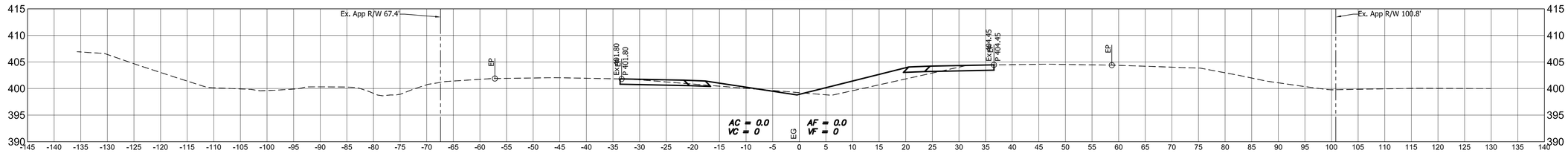
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	59 of XX
CONTRACT	PROJECT
R-37845	1400005

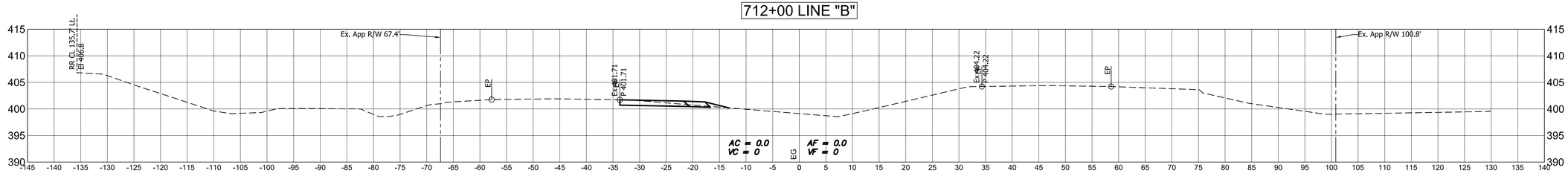
713+00 LINE "B"



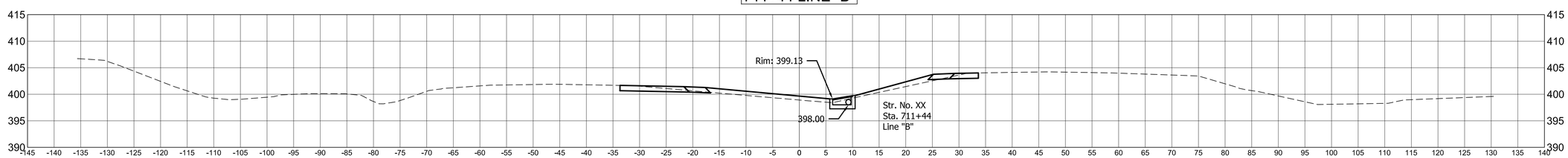
712+50 LINE "B"



712+00 LINE "B"



711+44 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

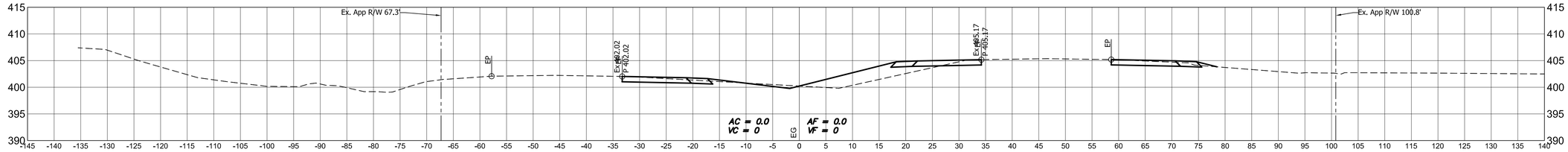
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

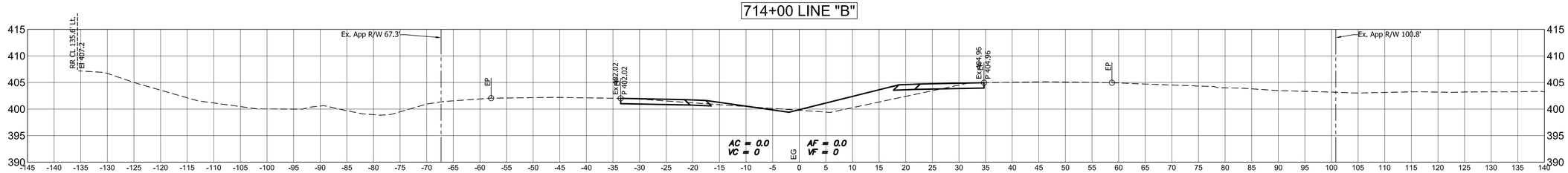
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS		
N/A	60	of	XX
CONTRACT	PROJECT		
R-37845	1400005		

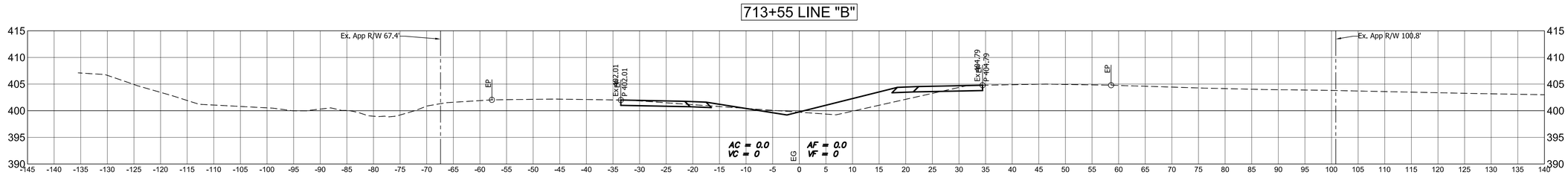
714+50 LINE "B"



714+00 LINE "B"



713+55 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

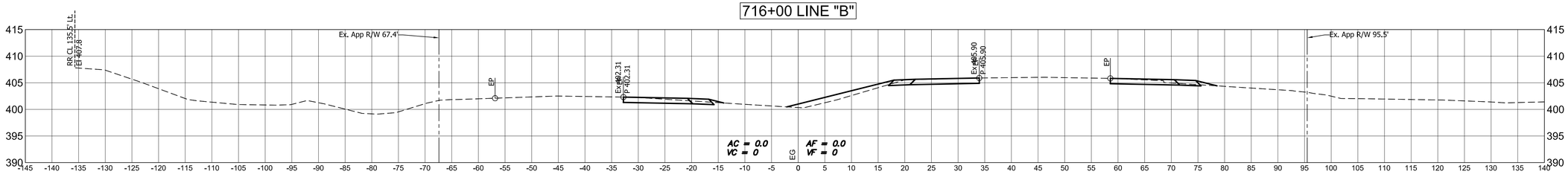
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

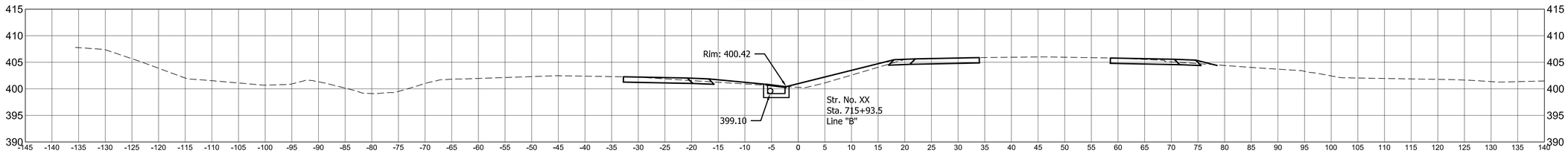
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	61 of XX
CONTRACT	PROJECT
R-37845	1400005

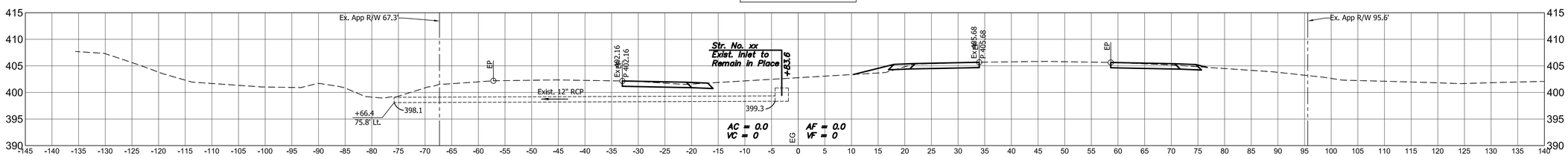
716+00 LINE "B"



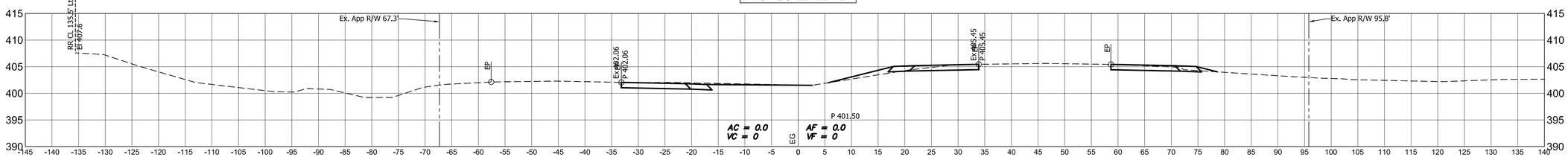
715+93.50 LINE "B"



715+50 LINE "B"



715+00 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

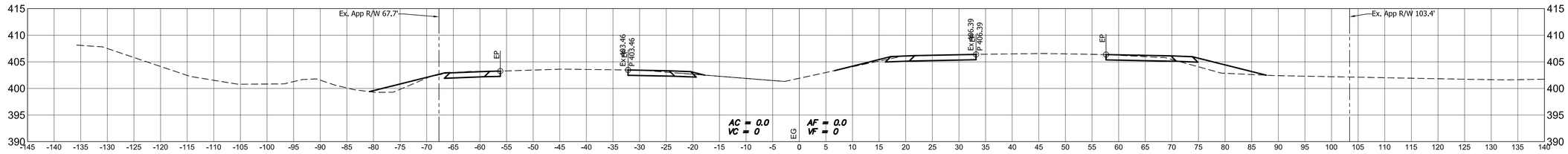
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

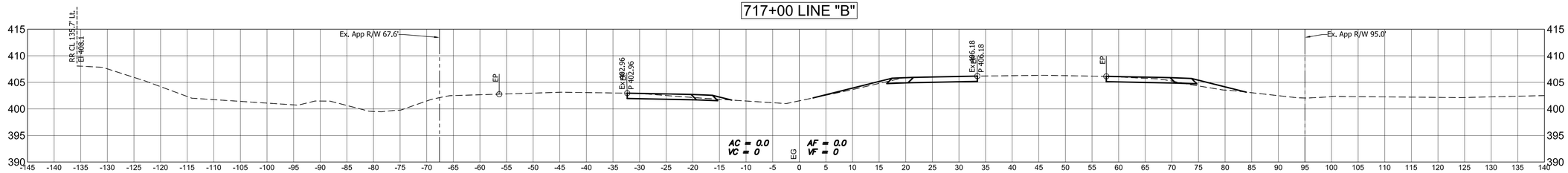
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	62 of XX
CONTRACT	PROJECT
R-37845	1400005

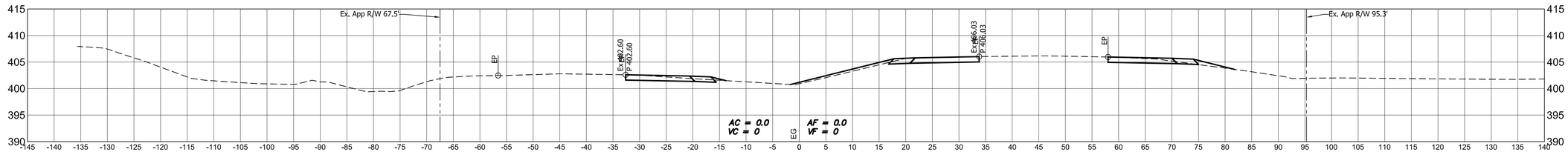
717+50 LINE "B"



717+00 LINE "B"



716+50 LINE "B"



Public Hearing Plans 5-20-20

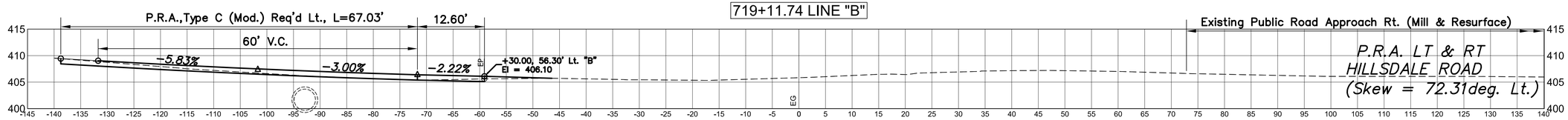
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

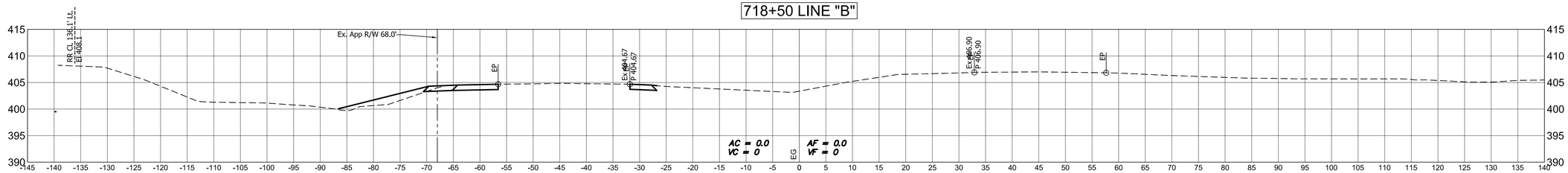
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	63 of XX
CONTRACT	PROJECT
R-37845	1400005

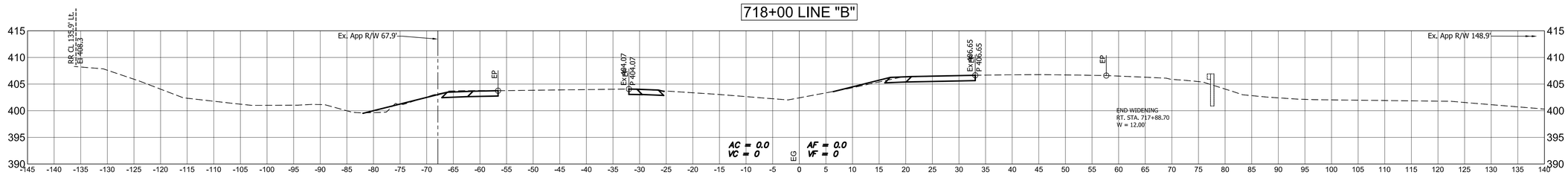
719+11.74 LINE "B"



718+50 LINE "B"



718+00 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

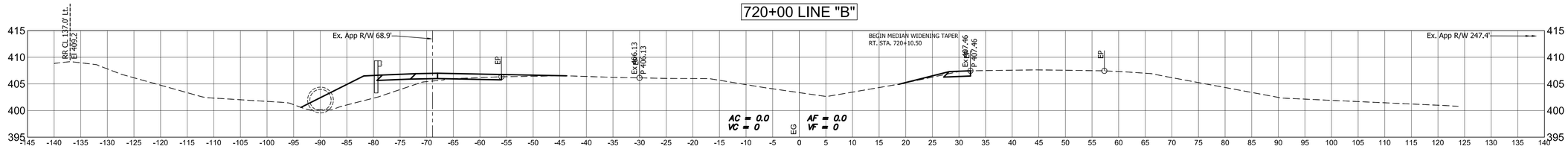
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

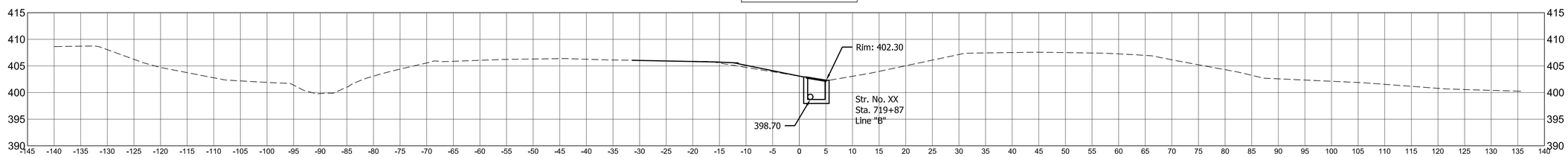
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	64 of XX
CONTRACT	PROJECT
R-37845	1400005

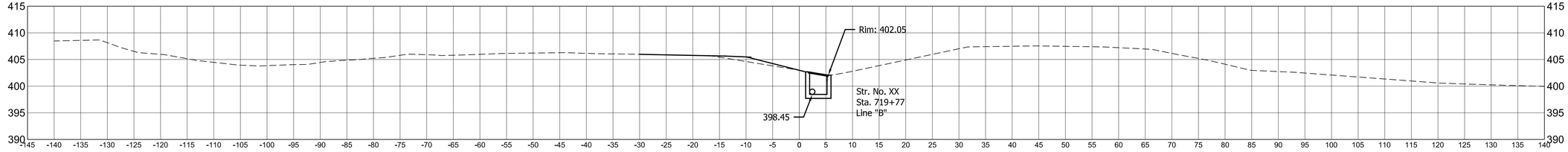
720+00 LINE "B"



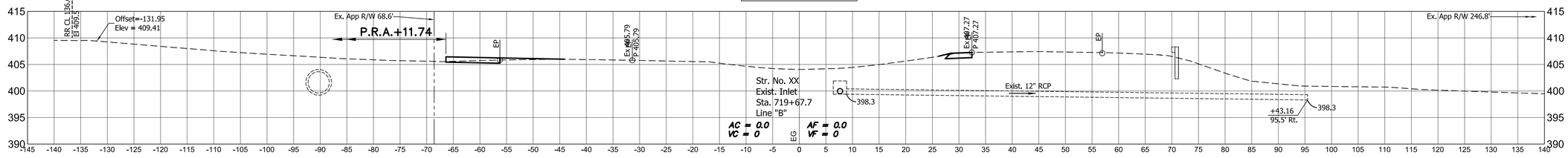
719+87 LINE "B"



719+77 LINE "B"



719+50 LINE "B"



Public Hearing Plans 5-20-20

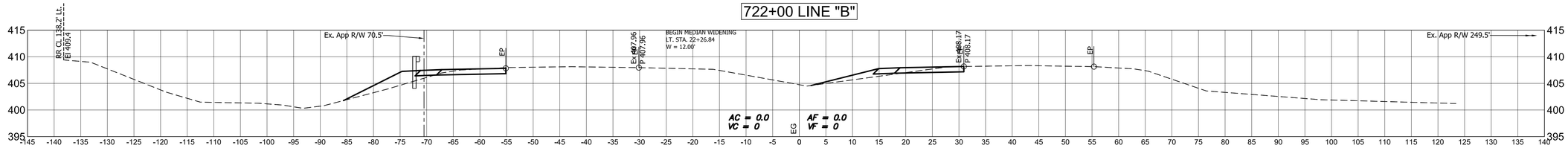
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

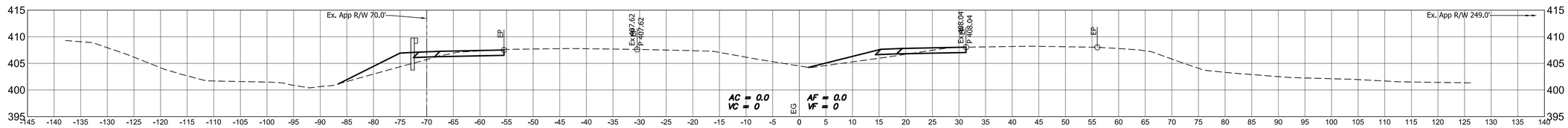
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	65 of XX
CONTRACT	PROJECT
R-37845	1400005

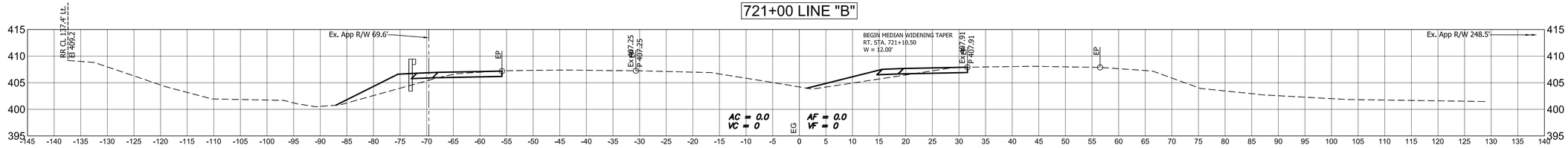
722+00 LINE "B"



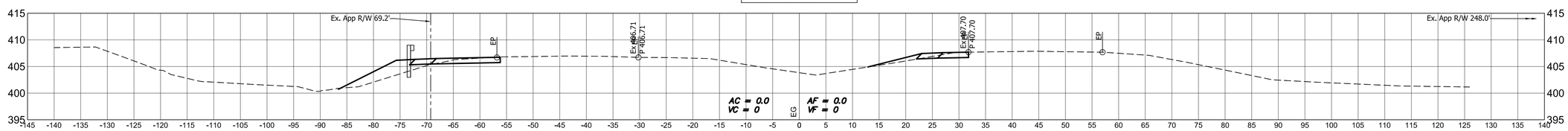
721+50 LINE "B"



721+00 LINE "B"



720+50 LINE "B"



Public Hearing Plans 5-20-20

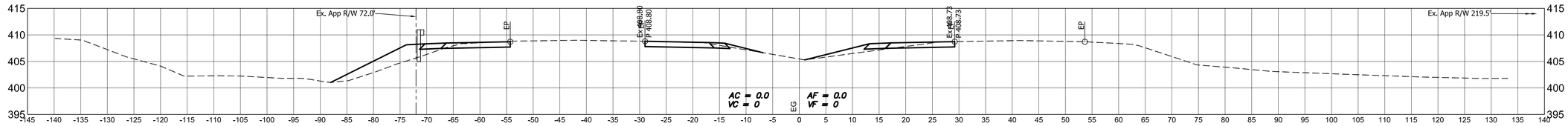
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

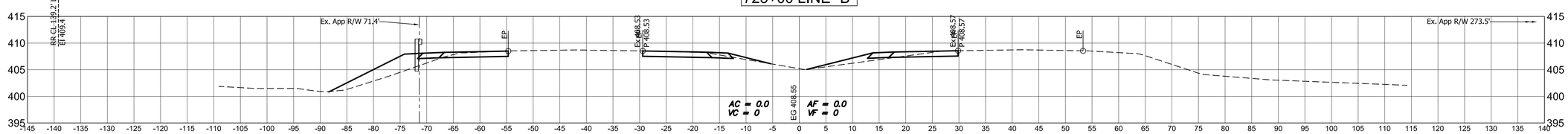
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	66 of XX
CONTRACT	PROJECT
R-37845	1400005

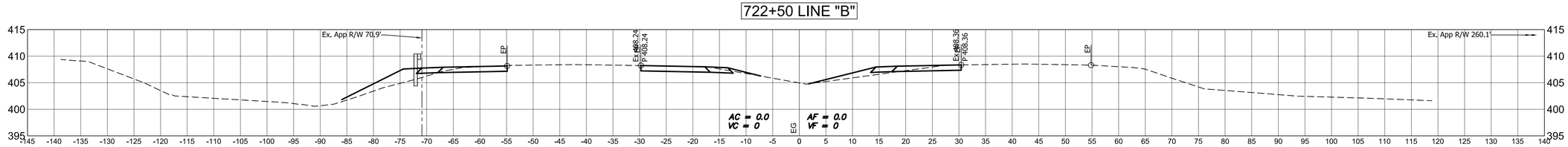
723+50 LINE "B"



723+00 LINE "B"



722+50 LINE "B"



Public Hearing Plans 5-20-20

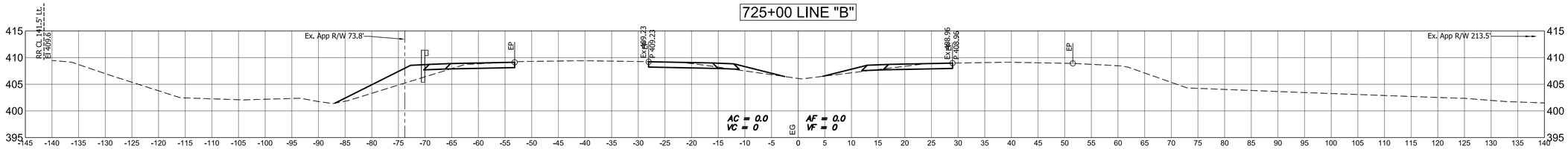
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

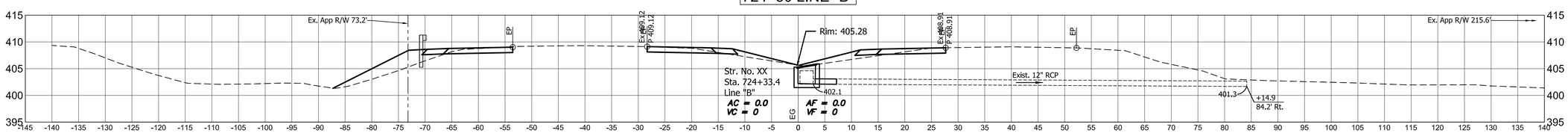
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	67 of XX
CONTRACT	PROJECT
R-37845	1400005

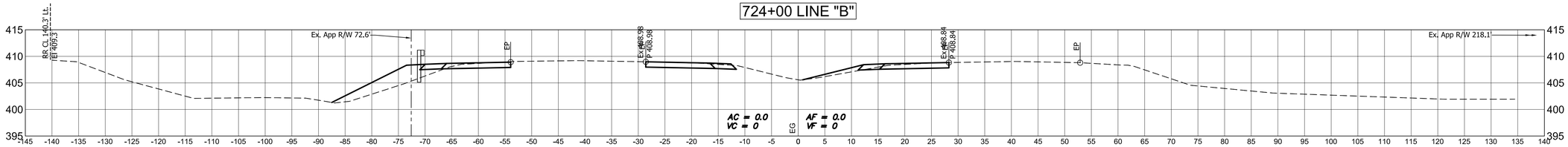
725+00 LINE "B"



724+50 LINE "B"



724+00 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

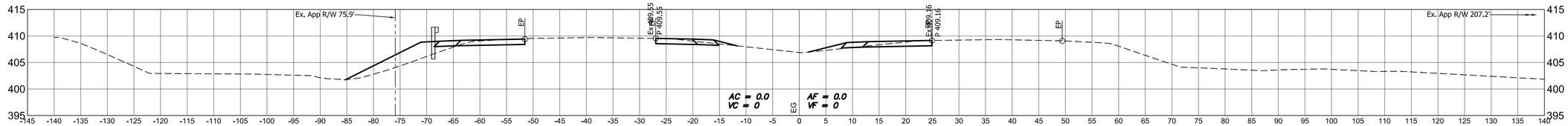
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

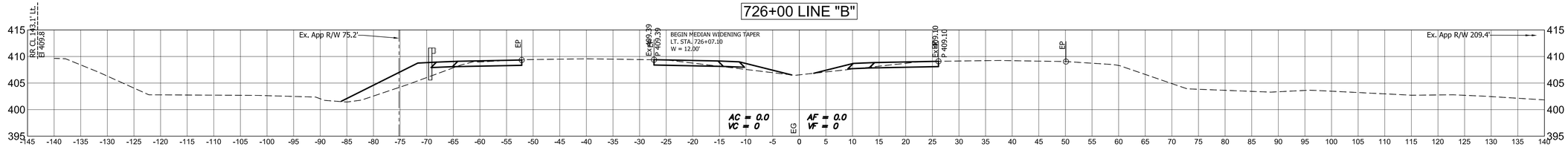
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	68 of XX
CONTRACT	PROJECT
R-37845	1400005

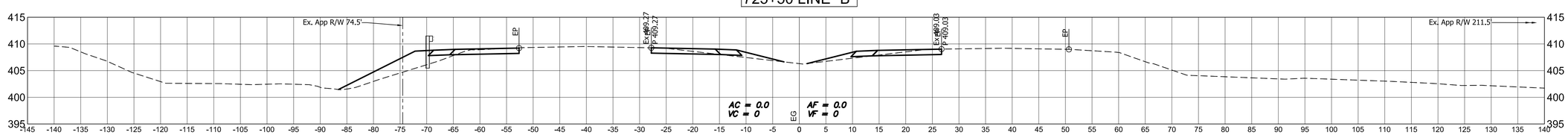
726+50 LINE "B"



726+00 LINE "B"



725+50 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

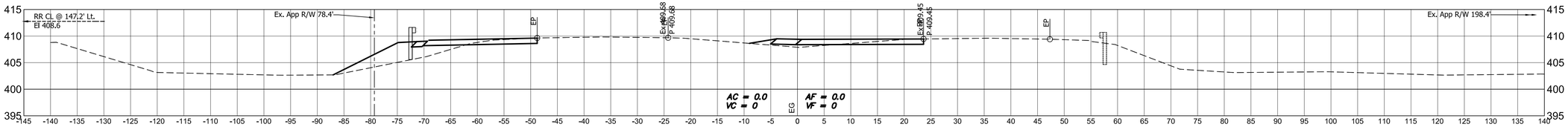
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

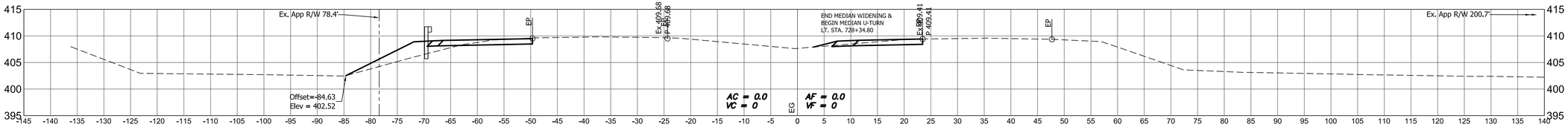
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	69 of XX
CONTRACT	PROJECT
R-37845	1400005

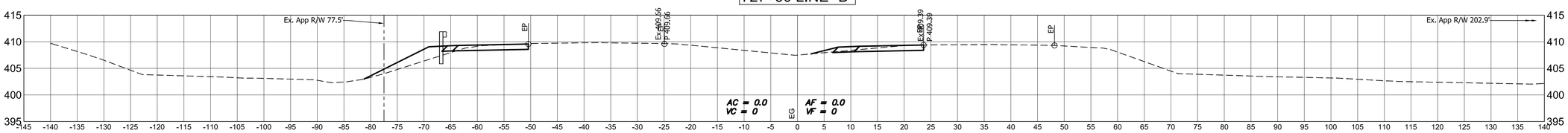
728+50 LINE "B"



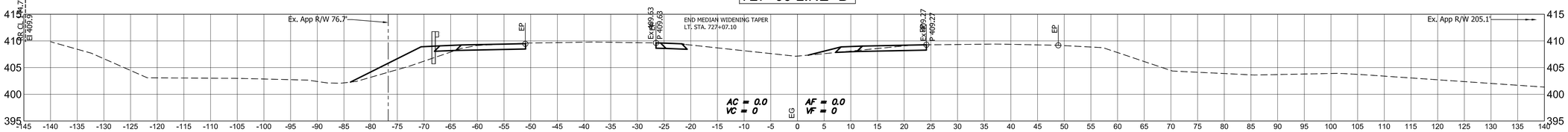
728+00 LINE "B"



727+50 LINE "B"



727+00 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

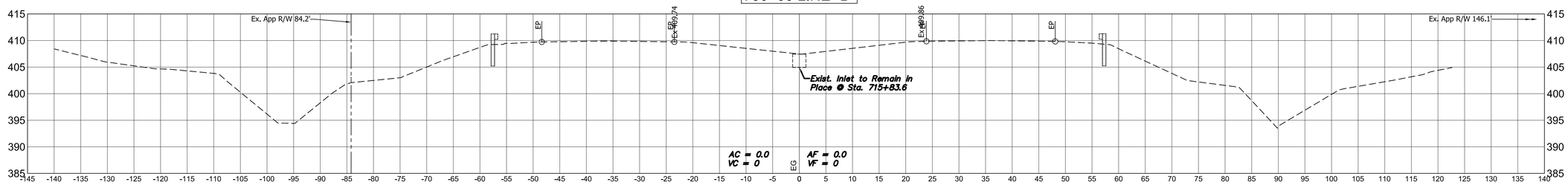
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

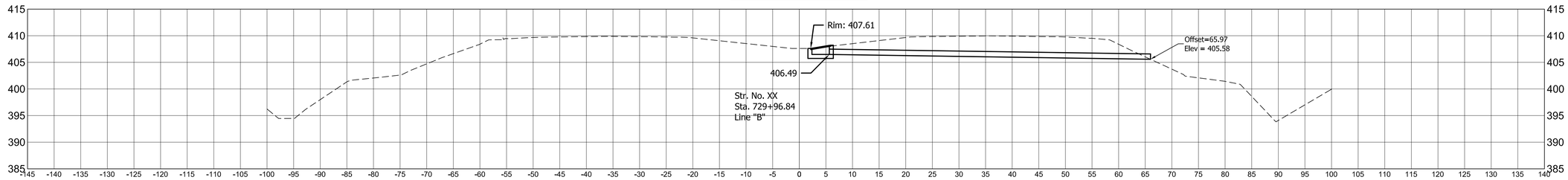
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	70 of XX
CONTRACT	PROJECT
R-37845	1400005

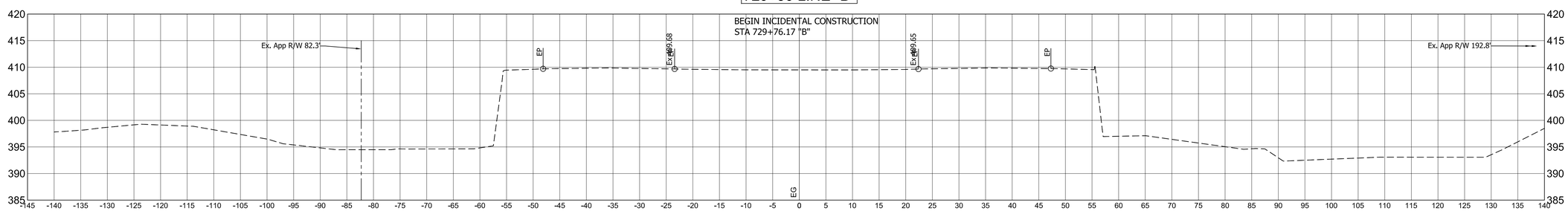
730+00 LINE "B"



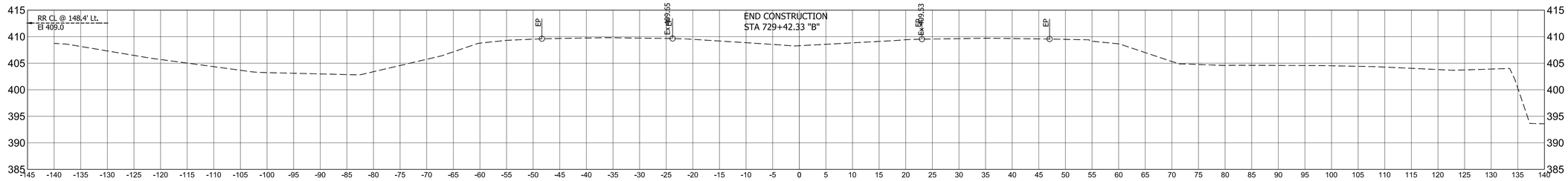
729+96.84 LINE "B"



729+50 LINE "B"



729+00 LINE "B"



Public Hearing Plans 5-20-20

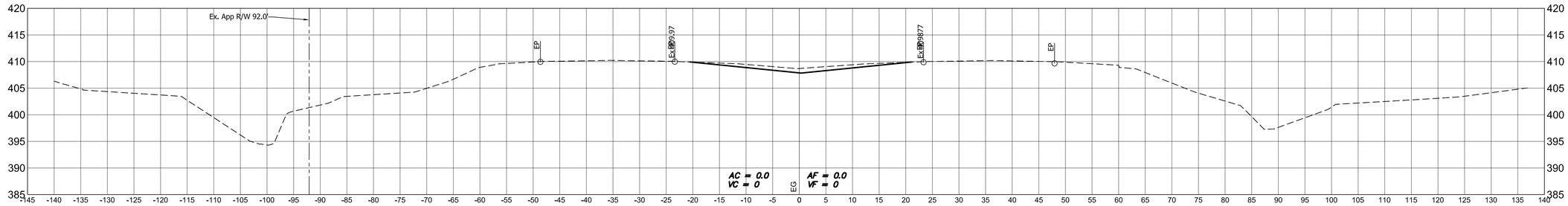
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

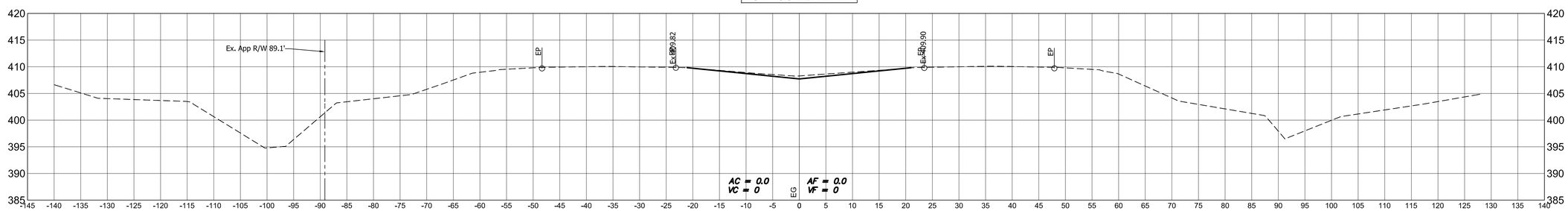
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	71 of XX
CONTRACT	PROJECT
R-37845	1400005

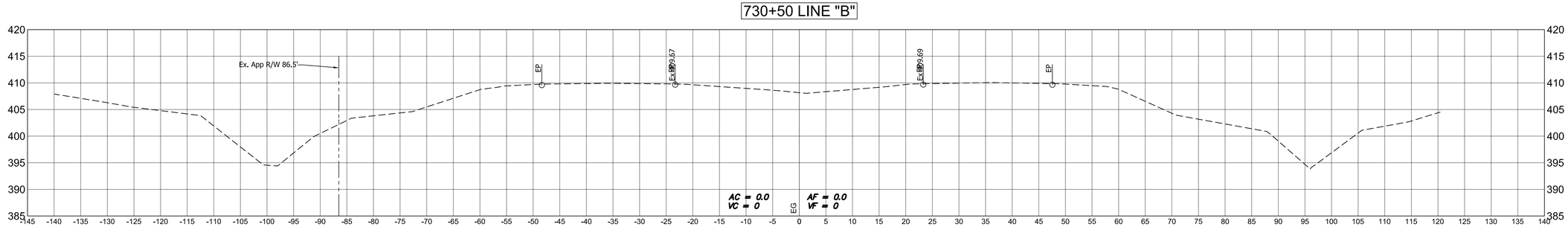
731+50 LINE "B"



731+00 LINE "B"



730+50 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

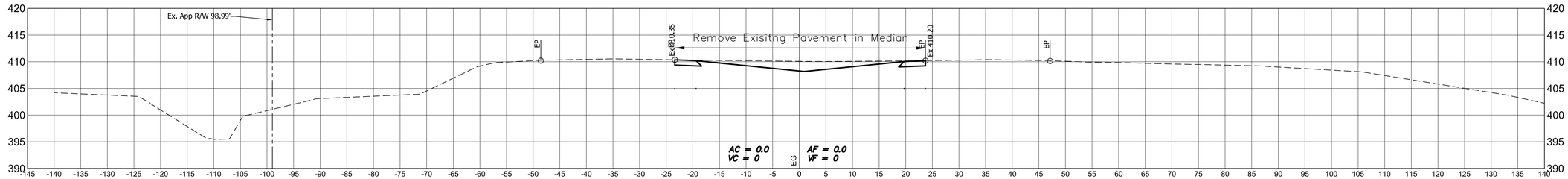
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

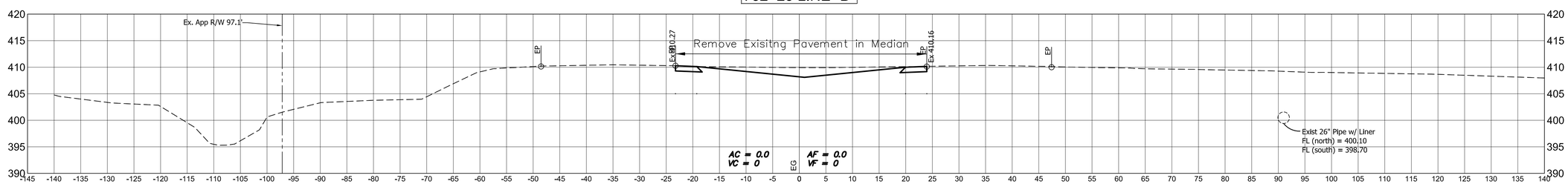
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	72 of XX
CONTRACT	PROJECT
R-37845	1400005

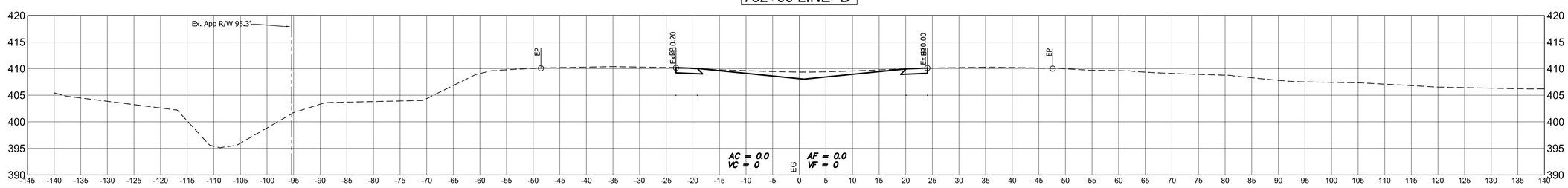
732+50 LINE "B"



732+25 LINE "B"



732+00 LINE "B"



Public Hearing Plans 5-20-20

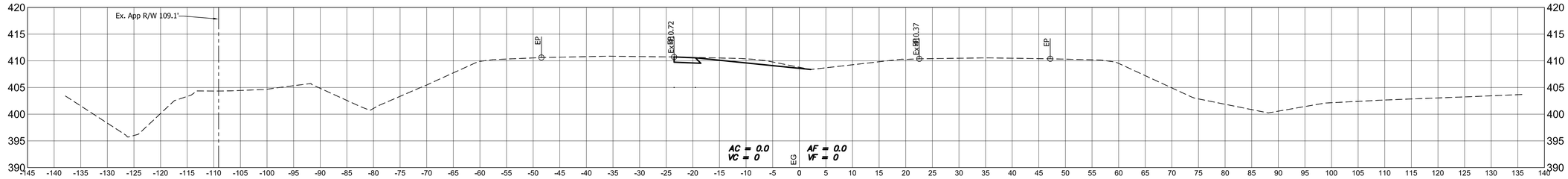
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

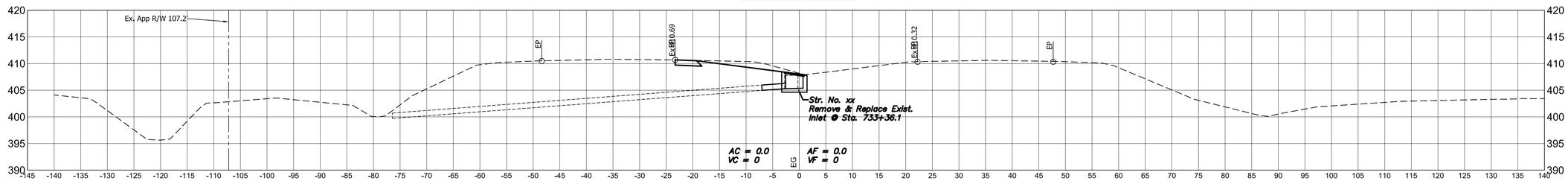
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	73 of XX
CONTRACT	PROJECT
R-37845	1400005

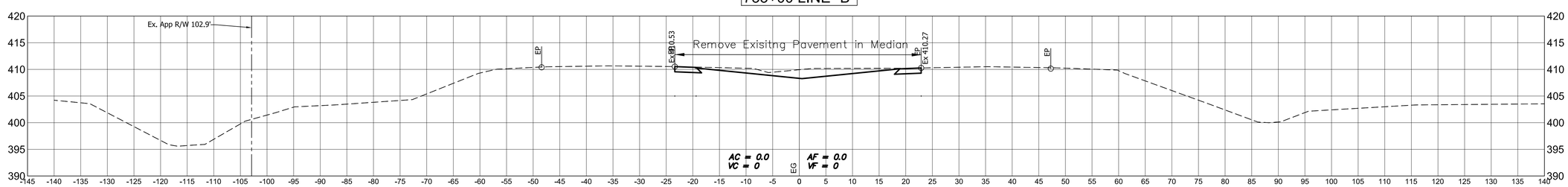
734+00 LINE "B"



733+50 LINE "B"



733+00 LINE "B"



Public Hearing Plans 5-20-20

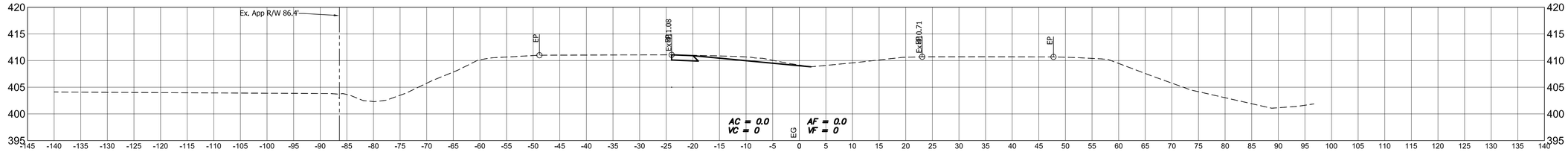
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

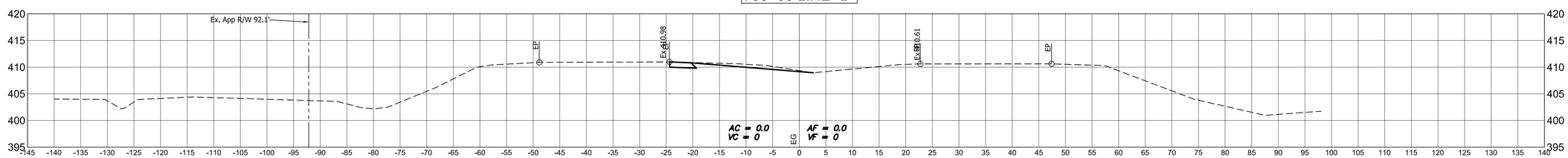
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	74 of XX
CONTRACT	PROJECT
R-37845	1400005

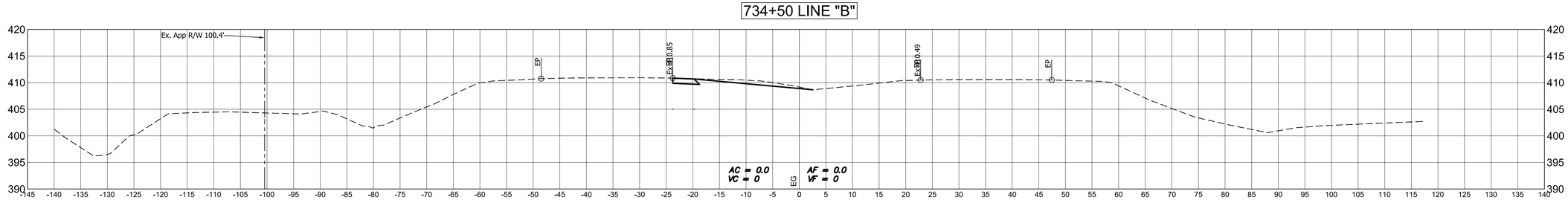
735+50 LINE "B"



735+00 LINE "B"



734+50 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

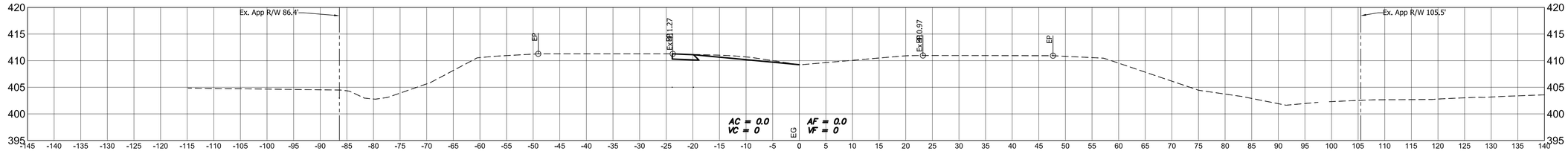
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

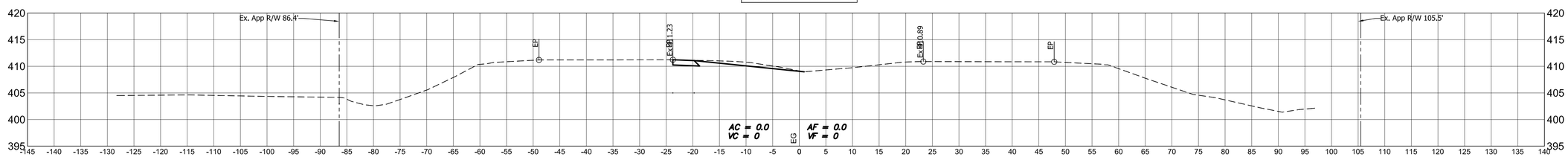
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	75 of XX
CONTRACT	PROJECT
R-37845	1400005

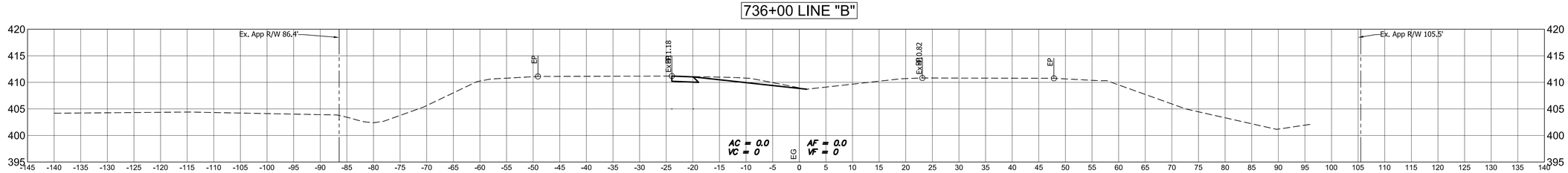
737+00 LINE "B"



736+50 LINE "B"



736+00 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

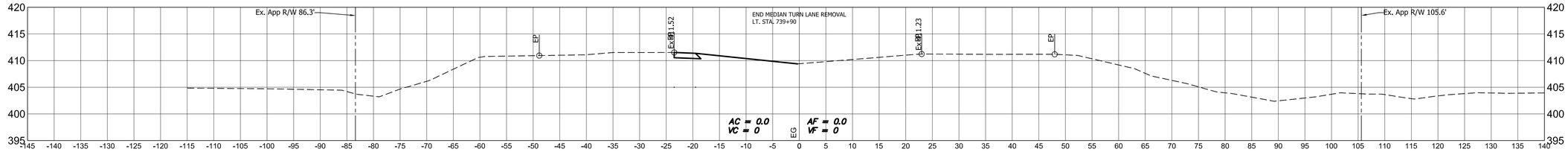
INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

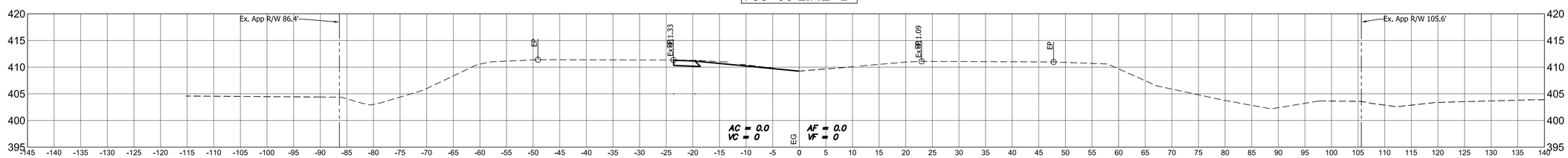
HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS
N/A	76 of XX
CONTRACT	PROJECT
R-37845	1400005

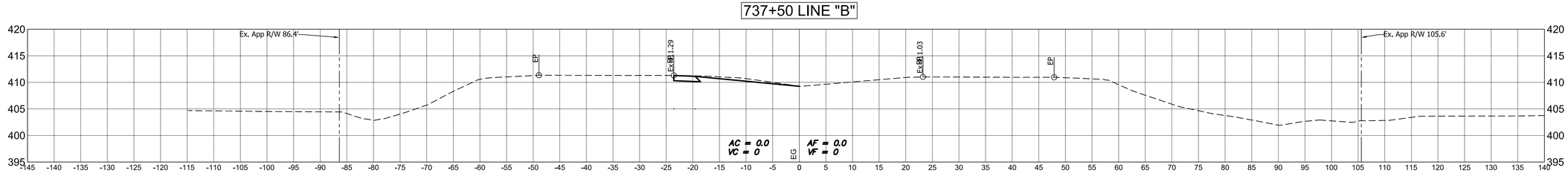
738+50 LINE "B"



738+00 LINE "B"



737+50 LINE "B"



Public Hearing Plans 5-20-20

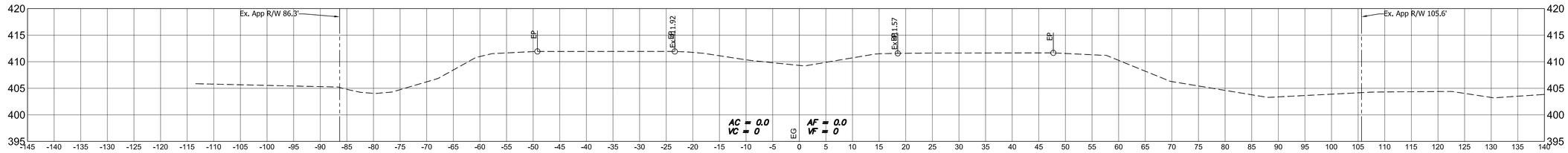
DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

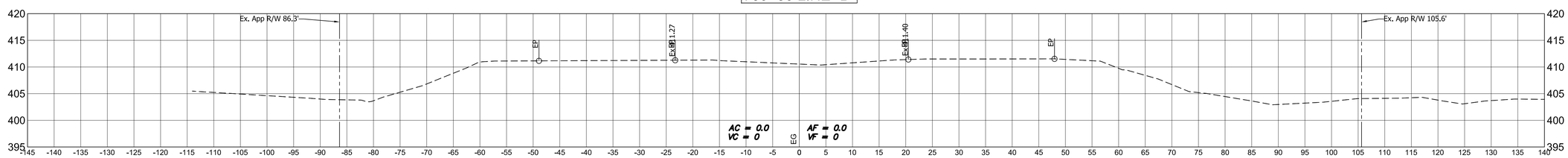
U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005
SURVEY BOOK	SHEETS
N/A	77 of XX
CONTRACT	PROJECT
R-37845	1400005

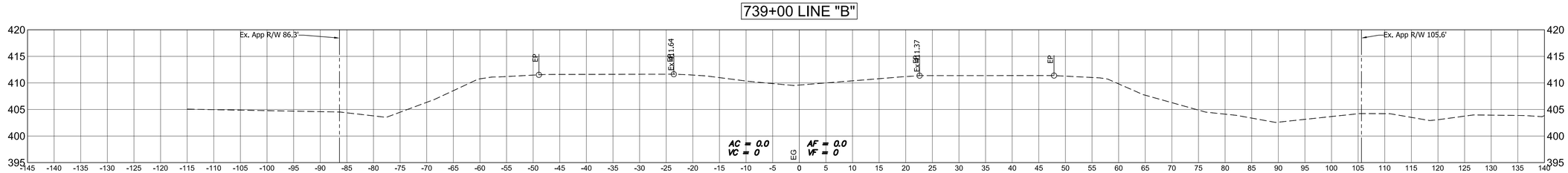
740+00 LINE "B"



739+50 LINE "B"



739+00 LINE "B"



Public Hearing Plans 5-20-20

DESIGNED: M.J.K.	DRAWN: R.E.N.
CHECKED: M.J.K.	CHECKED: M.J.K.

INDIANA
DEPARTMENT OF TRANSPORTATION

U.S 41 AND HILLSDALE ROAD
CROSS SECTIONS - LINE "B"

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	1400005

SURVEY BOOK	SHEETS		
N/A	78	of	XX
CONTRACT	PROJECT		
R-37845	1400005		