

SEC 30, T-36-N, R-9-W
NORTH TOWNSHIP
LAKE COUNTY

SEC 30, T-36-N, R-9-W
NORTH TOWNSHIP
LAKE COUNTY

28+00

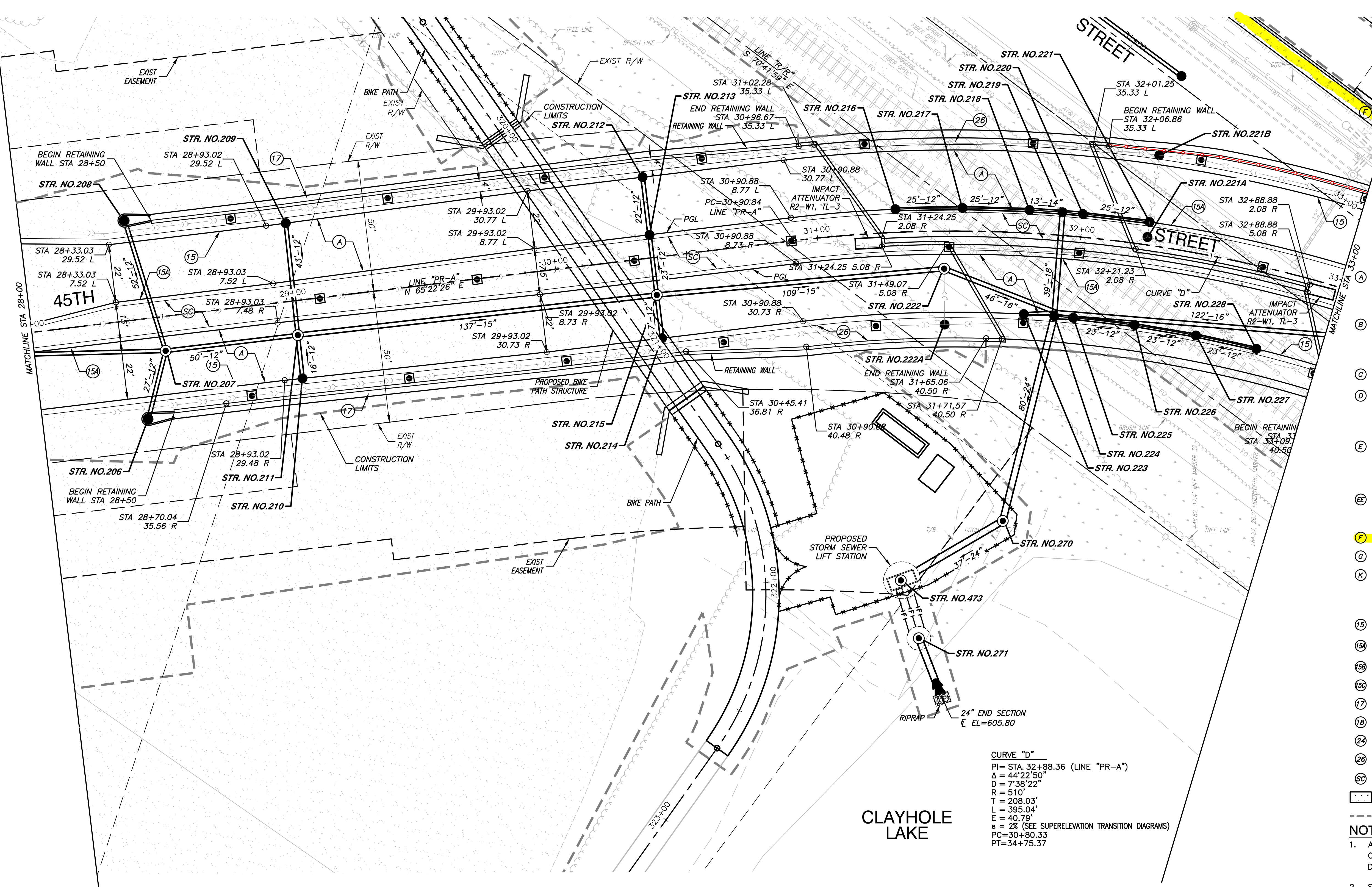
29+00

30+00

31+00

32+00

33+00



- LEGEND**
- (A) PROPOSED HMA PAVEMENT (45TH STREET)
165 lb/yd³ OC/QA HMA, 3, 70, SURFACE, 9.5mm ON
275 lb/yd³ OC/QA HMA, 3, 70, INTERMEDIATE, 19mm ON
660 lb/yd³ OC/QA HMA, 3, 64, BASE, 19mm ON
SUBGRADE TREATMENT, TYPE IC (12 IN COMPACTED AGGREGATE)
 - (B) PROPOSED HMA PAVEMENT (CALUMET AVENUE)
165 lb/yd³ OC/QA HMA, 4, 70, SURFACE, 9.5mm ON
275 lb/yd³ OC/QA HMA, 4, 70, INTERMEDIATE, 19mm ON
660 lb/yd³ OC/QA HMA, 4, 64, BASE, 19mm ON
SUBGRADE TREATMENT, TYPE IC (12 IN COMPACTED AGGREGATE)
 - (C) PROPOSED PCGP FOR APPROACHES, 9" ON
SUBGRADE TREATMENT, TYPE II
 - (D) PROPOSED HMA PAVEMENT FOR APPROACHES
165 lb/yd³ HMA FOR APPROACHES TYPE B ON
275 lb/yd³ HMA FOR APPROACHES TYPE B ON
880 lb/yd³ HMA FOR APPROACHES TYPE B ON
SUBGRADE TREATMENT, TYPE II
 - (E) PROPOSED HMA PAVEMENT (ALLEY)
165 lb/yd³ OC/QA HMA, 2, 64, SURFACE, 9.5mm ON
385 lb/yd³ OC/QA HMA, 2, 64, INTERMEDIATE, 19.0mm ON
5" COMPACTED AGGREGATE, NO. 53 ON
SUBGRADE TREATMENT, TYPE IV
(12" #53'S TYPE IB GEOGRID)
 - (EE) PROPOSED RESURFACING
WILLING, ASPHALT, 1 IN
165 lb/yd³ OC/QA HMA, 3, 70, SURFACE, 9.5mm
HMA WEDGE AND LEVEL, TYPE B, 1 IN±
 - (F) PROPOSED SIDEWALK, CONCRETE, 4"
 - (G) PCGP, 4 INCH, 6" COMPACTED AGGREGATE NO. 53
 - (K) PROPOSED HMA BIKEPATH
165 lb/yd³ OC/QA HMA, 2, 64, SURFACE, 9.5mm ON
200 lb/yd³ OC/QA HMA, 2, 64, INTERMEDIATE, 19mm ON
6" COMPACTED AGGREGATE, NO. 53, ON
SUBGRADE TREATMENT, TYPE III (IN PLACE COMPACT)
 - (15) CURB & GUTTER, 6" CURB HEIGHT, CONCRETE, MODIFIED
18" GUTTER FLAG
 - (16) CURB & GUTTER, 6" CURB HEIGHT, CONCRETE, MODIFIED
12" GUTTER FLAG
 - (18) CURB INTEGRAL CONCRETE
 - (19) CURB, CONCRETE
 - (17) PAVED SIDE DITCH, H MODIFIED
 - (18) CENTER CURB, D, CONCRETE MODIFIED
 - (24) TOPSOIL, 4", MULCHED SEEDING U
WITH EROSION CONTROL BLANKET
 - (26) TOPSOIL, 4", SODDING, NURSERY
 - (SC) STAMPED CONCRETE SIDEWALK
6" COMPACTED AGGREGATE 53
 - (---) EXISTING WETLAND
 - (---) LIMITS OF CONSTRUCTION

NOTES:

- ALL EXISTING TOPOGRAPHY AND R/W DESCRIBED
OFF LINE "PR-A". ALL PROPOSED IMPROVEMENTS
DESCRIBED OFF LINE "PR-A", TO BE CONSTRUCTED.
- SEE PLAN & PROFILE SHEETS AND STRUCTURE DATA
TABLES FOR DRAINAGE STRUCTURE INFORMATION.

SEC 30, T-36-N, R-9-W
NORTH TOWNSHIP
LAKE COUNTY

SEC 30, T-36-N, R-9-W
NORTH TOWNSHIP
LAKE COUNTY

28+00

29+00

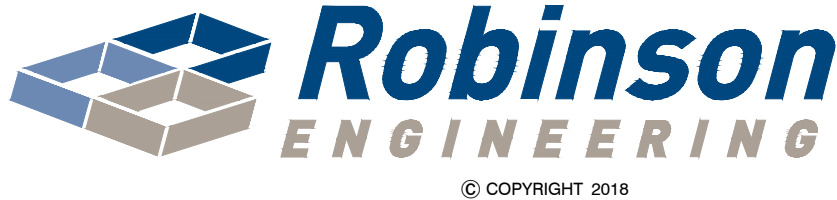
30+00

31+00

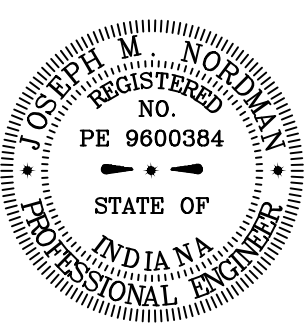
32+00

33+00

BENCH MARK:
SQUARE CUT IN REAR SERVICE
WALK OF RESIDENCE 1044
CAMELLIA DRIVE, ±62' SOUTH OF
SOUTH FACE OF BUILDING.
ELEVATION = 616.47



08315-PLAN-DTLS-01 - C05



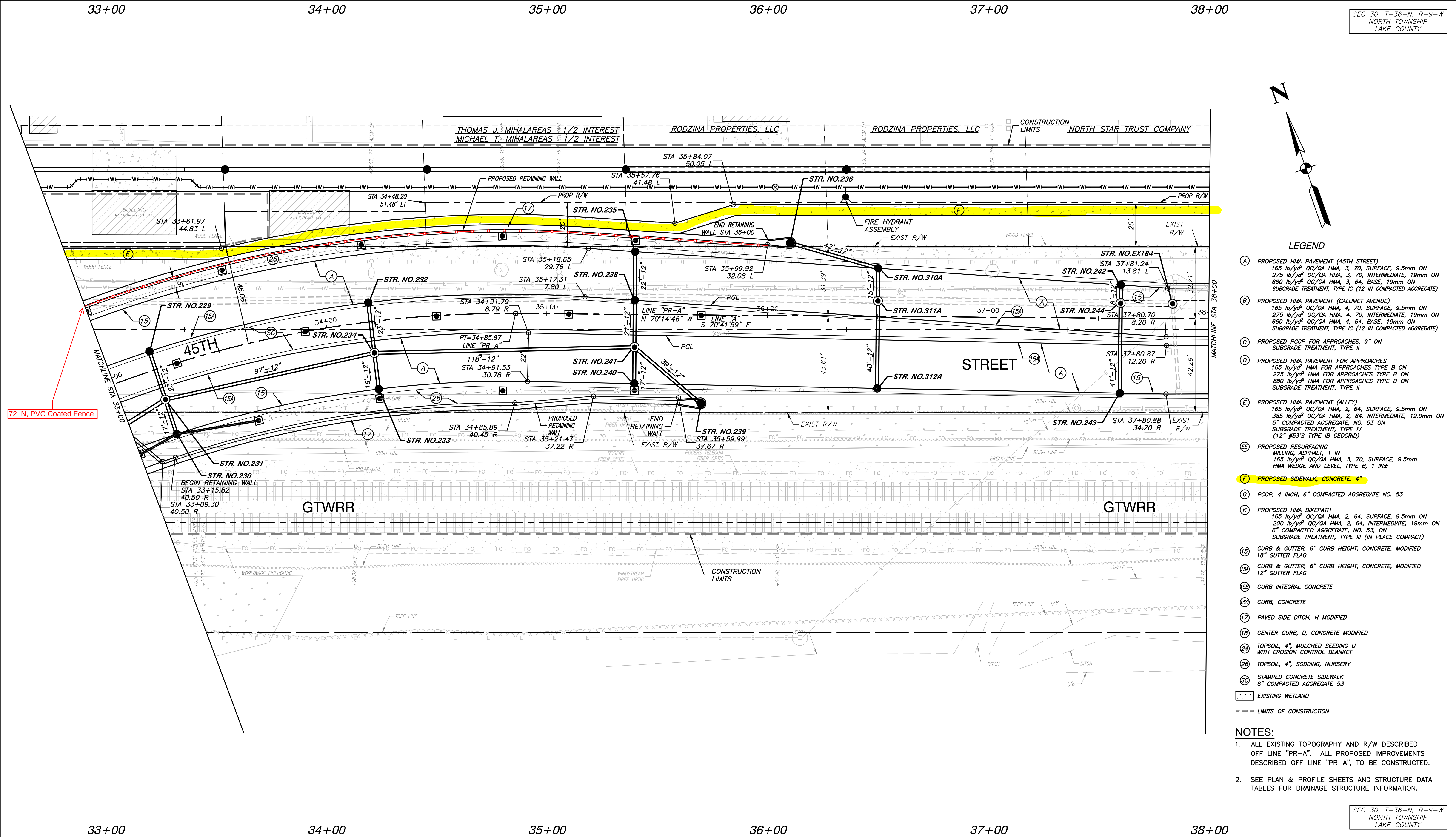
RECOMMENDED
FOR APPROVAL *Joseph M. Woldman* 11/20/18
DESIGN ENGINEER DATE

DESIGNED: JB DRAWN: PS/RG
CHECKED: JMN CHECKED: AG

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
45TH STREET - LINE "PR-A"

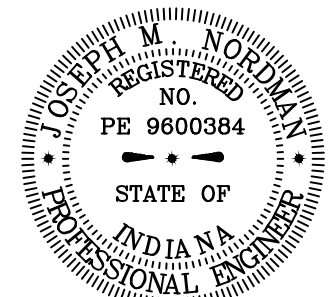
HORIZONTAL SCALE	ROAD FILE
1"=20'	N/A
VERTICAL SCALE	DESIGNATION
1"=5'	0710056
SURVEY BOOK	SHEETS
N/A	96 of 360
CONTRACT	PROJECT
B-36229	0710056



- LEGEND**
- (A) PROPOSED HMA PAVEMENT (45TH STREET)
165 lb/yd² QC/QA HMA, 3, 70, SURFACE, 9.5mm ON
275 lb/yd² QC/QA HMA, 3, 70, INTERMEDIATE, 19mm ON
660 lb/yd² QC/QA HMA, 3, 64, BASE, 19mm ON
SUBGRADE TREATMENT, TYPE IC (12 IN COMPACTED AGGREGATE)
 - (B) PROPOSED HMA PAVEMENT (CALUMET AVENUE)
165 lb/yd² QC/QA HMA, 4, 70, SURFACE, 9.5mm ON
275 lb/yd² QC/QA HMA, 4, 70, INTERMEDIATE, 19mm ON
660 lb/yd² QC/QA HMA, 4, 64, BASE, 19mm ON
SUBGRADE TREATMENT, TYPE IC (12 IN COMPACTED AGGREGATE)
 - (C) PROPOSED PCOP FOR APPROACHES, 9" ON
SUBGRADE TREATMENT, TYPE II
 - (D) PROPOSED HMA PAVEMENT FOR APPROACHES
165 lb/yd² HMA FOR APPROACHES TYPE B ON
275 lb/yd² HMA FOR APPROACHES TYPE B ON
880 lb/yd² HMA FOR APPROACHES TYPE B ON
SUBGRADE TREATMENT, TYPE II
 - (E) PROPOSED HMA PAVEMENT (ALLEY)
165 lb/yd² QC/QA HMA, 2, 64, SURFACE, 9.5mm ON
385 lb/yd² QC/QA HMA, 2, 64, INTERMEDIATE, 19.0mm ON
5" COMPACTED AGGREGATE, NO. 53 ON
SUBGRADE TREATMENT, TYPE IV
(12" #53'S TYPE IB GEOGRID)
 - (EE) PROPOSED RESURFACING
MILLING, ASPHALT, 1 IN
165 lb/yd² QC/QA HMA, 3, 70, SURFACE, 9.5mm
HMA WEDGE AND LEVEL, TYPE B, 1 IN±
 - (F) PROPOSED SIDEWALK, CONCRETE, 4"
 - (G) PCOP, 4 INCH, 6" COMPACTED AGGREGATE NO. 53
 - (K) PROPOSED HMA BIKEPATH
165 lb/yd² QC/QA HMA, 2, 64, SURFACE, 9.5mm ON
200 lb/yd² QC/QA HMA, 2, 64, INTERMEDIATE, 19mm ON
6" COMPACTED AGGREGATE, NO. 53, ON
SUBGRADE TREATMENT, TYPE III (IN PLACE COMPACT)
 - (15) CURB & GUTTER, 6" CURB HEIGHT, CONCRETE, MODIFIED
18" GUTTER FLAG
 - (15A) CURB & GUTTER, 6" CURB HEIGHT, CONCRETE, MODIFIED
12" GUTTER FLAG
 - (15B) CURB INTEGRAL CONCRETE
 - (15C) CURB, CONCRETE
 - (17) PAVED SIDE DITCH, H MODIFIED
 - (18) CENTER CURB, D, CONCRETE MODIFIED
 - (24) TOPSOIL, 4", MULCHED SEEDING U
WITH EROSION CONTROL BLANKET
 - (26) TOPSOIL, 4", SODDING, NURSERY
 - (SC) STAMPED CONCRETE SIDEWALK
6" COMPACTED AGGREGATE 53
 - EXISTING WETLAND
 - LIMITS OF CONSTRUCTION

NOTES:

- ALL EXISTING TOPOGRAPHY AND R/W DESCRIBED OFF LINE "PR-A". ALL PROPOSED IMPROVEMENTS DESCRIBED OFF LINE "PR-A", TO BE CONSTRUCTED.
- SEE PLAN & PROFILE SHEETS AND STRUCTURE DATA TABLES FOR DRAINAGE STRUCTURE INFORMATION.

BENCH MARK: SQUARE CUT IN REAR SERVICE WALK OF RESIDENCE 1044 CAMELLIA DRIVE, ±62' SOUTH OF SOUTH FACE OF BUILDING. ELEVATION = 616.47		 © COPYRIGHT 2018				RECOMMENDED FOR APPROVAL <i>Joseph M. Woldman</i> 11/20/18 DESIGN ENGINEER DATE		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE 1"=20'		ROAD FILE N/A	
						DESIGNED: JB		DRAWN: PS/RG		SURVEY BOOK N/A		SHEETS 97 of 360	
						CHECKED: JMN		CHECKED: AG		CONTRACT B-36229		PROJECT 0710056	
CONSTRUCTION DETAILS 45TH STREET - LINE "PR-A"													