

115+00

116+00

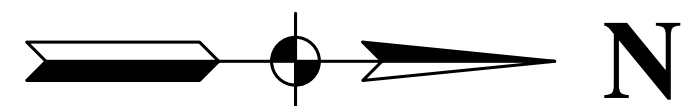
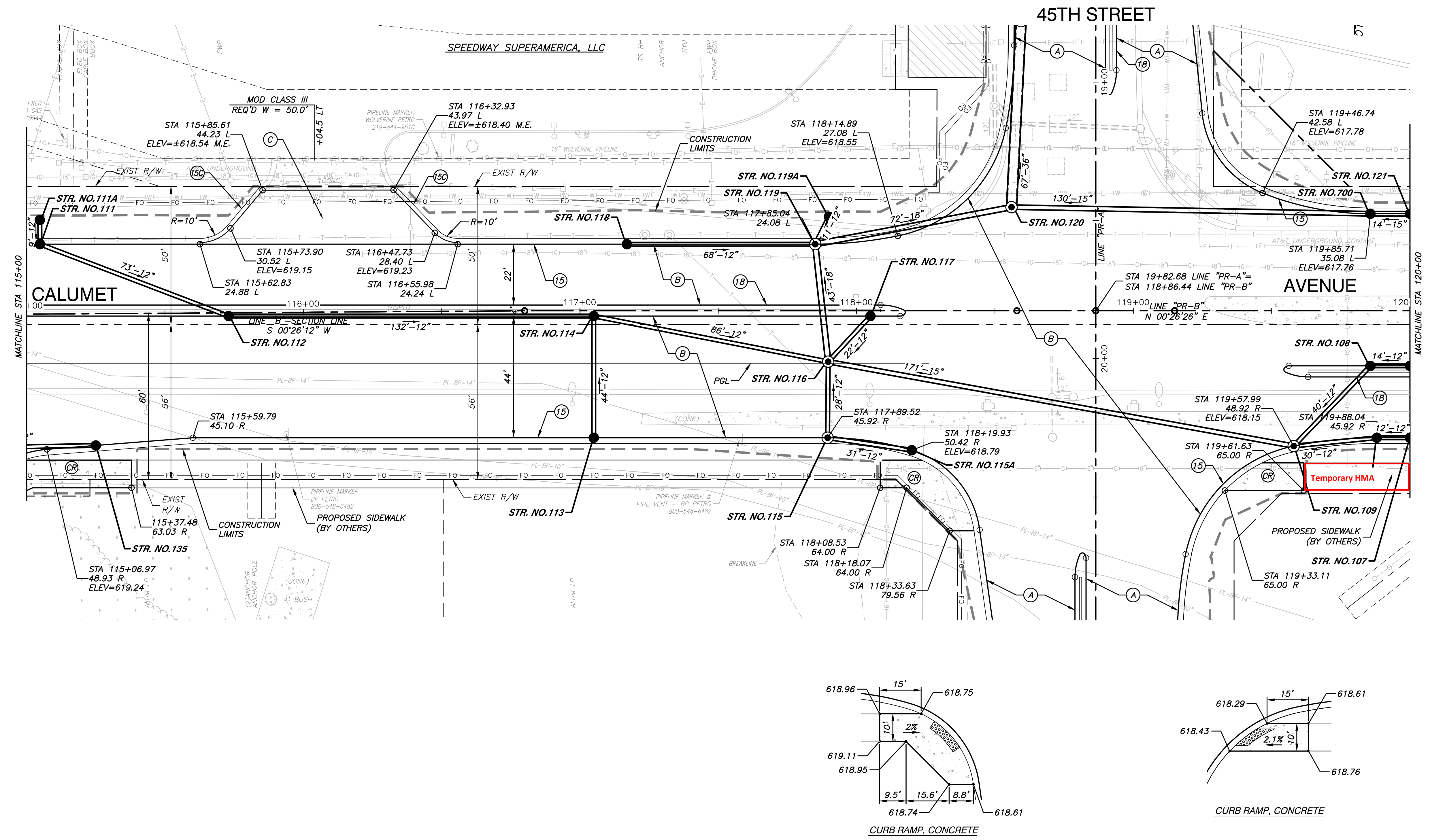
117+00

118+00

119+00

120+00

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



- 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 PCCP 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 GEGRID)
 - (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"
 - (CR) CURB RAMP, CONCRETE
 - (G) PCCP, 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
 - (W) EXISTING WETLAND
 - LIMITS OF CONSTRUCTION

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

115+00

116+00

117+00

118+00

119+00

120+00

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

BENCH MARK:
SQUARE CUT ON CONC BASE
FOR LIGHT POLE, WEST SIDE OF
CALUMET AVENUE, 30' NORTH OF
WHITE CASTLE BUILDING.
ELEVATION = 619.67

08315-PLAN-DTLS-01 - C11

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

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

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CALUMET AVENUE - LINE "PR-B"

HORIZONTAL SCALE 1"=20'	ROAD FILE N/A
VERTICAL SCALE 1"=5'	DESIGNATION 0710056
SURVEY BOOK N/A	SHEETS 102 of 360
CONTRACT B-36229	PROJECT 0710056

120+00

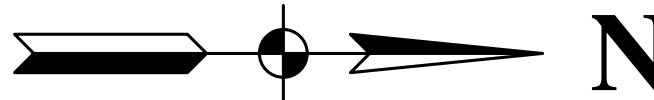
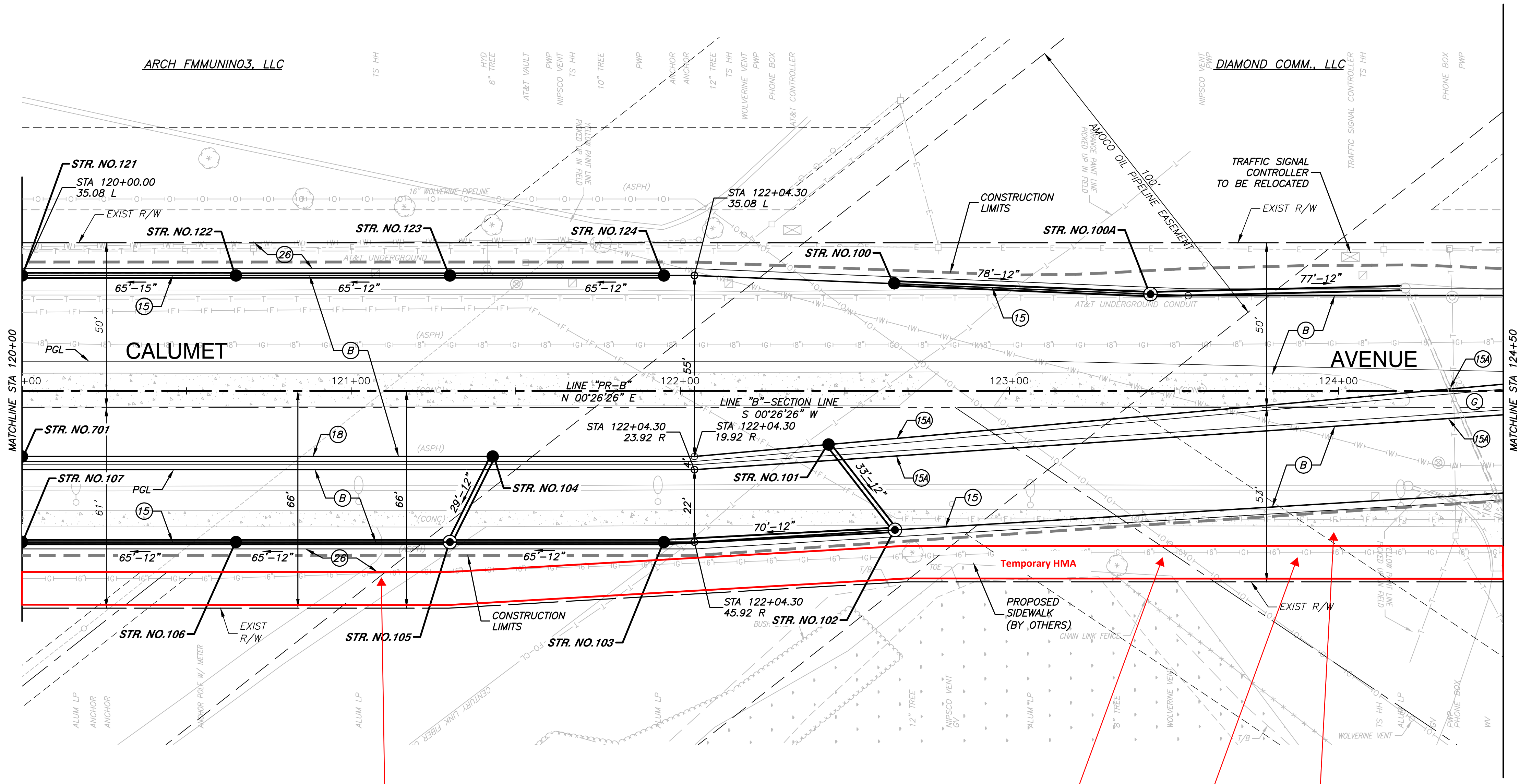
121+00

122+00

123+00

124+00

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



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 PCCP 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)
- (E) 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) PCCP, 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
- (13A) 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:

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

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

120+00

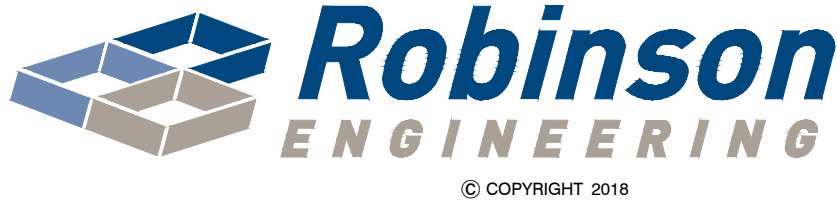
121+00

122+00

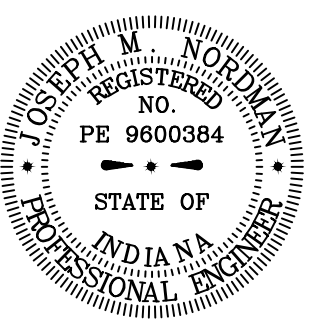
123+00

124+00

BENCH MARK:
SQUARE CUT ON CONC BASE
FOR LIGHT POLE, WEST SIDE OF
CALUMET AVENUE, 30' NORTH OF
WHITE CASTLE BUILDING.
ELEVATION = 619.67



08315-PLAN-DTLS-01 - C12



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

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

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CALUMET AVENUE - LINE "PR-B"

HORIZONTAL SCALE	ROAD FILE
1"=20'	N/A
VERTICAL SCALE	DESIGNATION
1"=5'	0710056
SURVEY BOOK	SHEETS
N/A	103 of 360
CONTRACT	PROJECT
B-36229	0710056

125+00

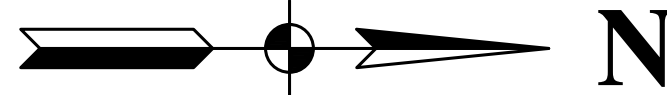
126+00

127+00

128+00

129+00

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



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 PCCP 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 IV
- (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) PCCP, 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:

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

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

125+00

126+00

127+00

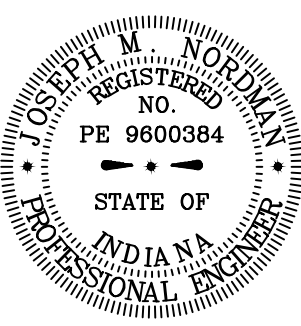
128+00

129+00

BENCH MARK:
SQUARE CUT ON CONC. BASE
FOR LIGHT POLE, WEST SIDE OF
CALUMET AVENUE, 30' NORTH OF
WHITE CASTLE BUILDING.
ELEVATION = 619.67



08315-PLAN-DTLS-01 - C12C



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

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

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
CALUMET AVENUE - LINE "PR-B"

HORIZONTAL SCALE	ROAD FILE
1"=20'	N/A
VERTICAL SCALE	DESIGNATION
1"=5'	0710056
SURVEY BOOK	SHEETS
N/A	104 of 360
CONTRACT	PROJECT
B-36229	0710056