

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
FAU 7467	99-00021-00-RP	MT. ZION	36	4
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	

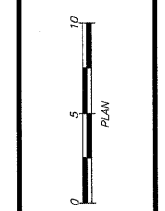
CONTRACT NUMBER 95603
PROJECT ARA-5169 (043)

NO.	BY	DATE
1	MFP	8-21-09
2		
3		
4		

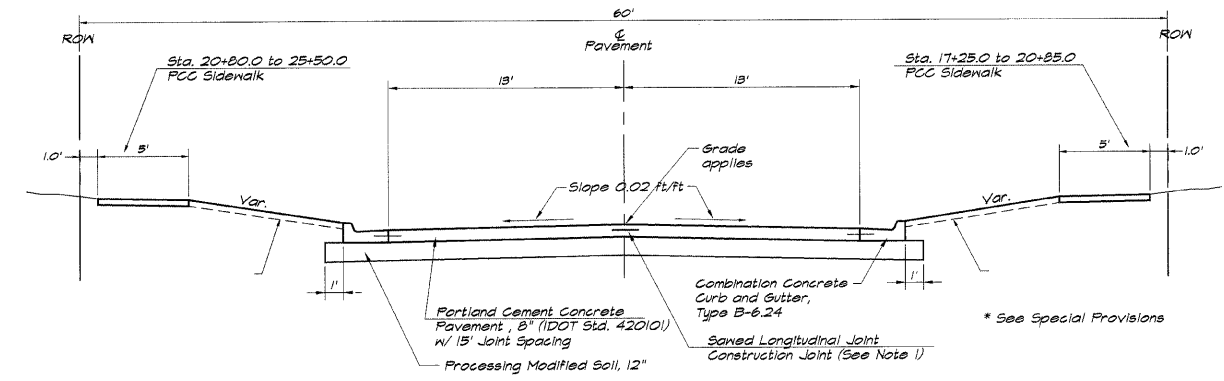
BRIDGE & ASSOCIATES, INC.
Consulting Engineers
1111 SOUTH TAYLORVILLE ROAD
DECATUR ILLINOIS 62526
Illinois License 184-001265

DESIGNED	MFP	SCALE	1" = 5'
DRAWN	Los Jenkins	DATE	Oct. 2007
FIELD BOOK		JOB NO.	CB-0144

VILLAGE OF MT. ZION, ILLINOIS
FLETCHER PARK BOULEVARD / BRAVES PARKWAY
TYPICAL SECTIONS
GENERAL NOTES - LEGEND

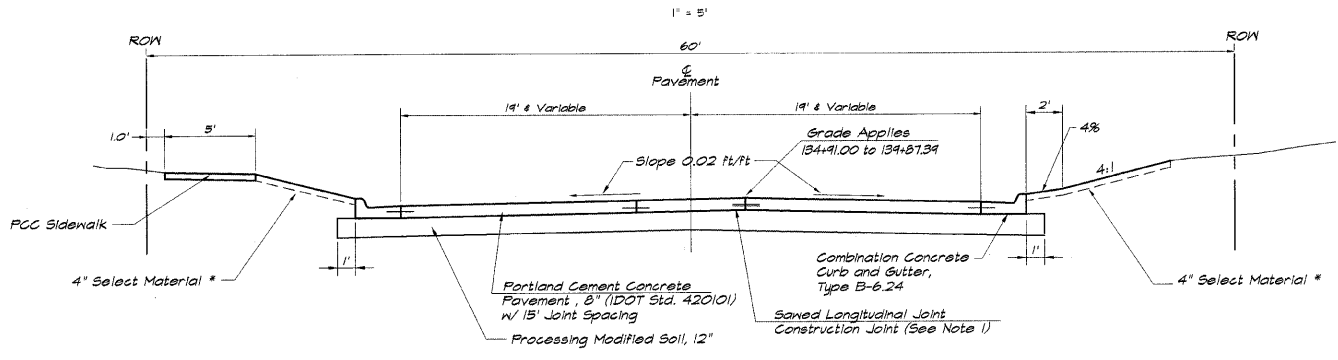


SHEET NO.
4
OF
36

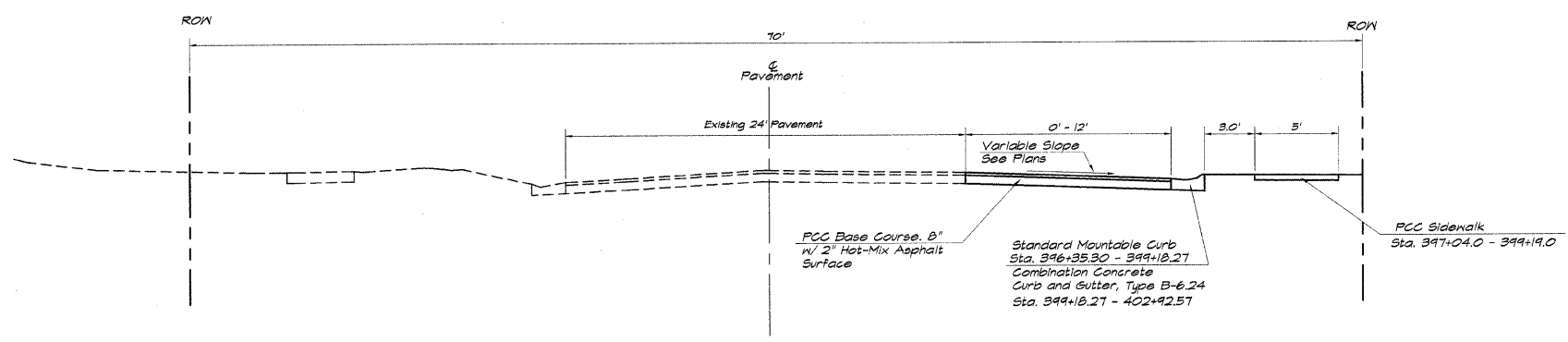


Station 10+19.04 to Station 25+94.92
TYPICAL SECTIONS - FLETCHER PARK BOULEVARD

Station 125+61.72 to Station 134+91.00
TYPICAL SECTIONS - BRAVES PARKWAY



Station 134+91.00 to Station 139+87.39
TYPICAL SECTIONS - BRAVES PARKWAY



Station 396+35.30 to Station 402+92.57
TYPICAL SECTIONS - WEST MAIN STREET

TYPICAL SECTIONS - FLETCHER PARK BOULEVARD/BRAVES PARKWAY

NOTE: NO EXISTING STREET, AREA IS NOW YARD AREA

NOTES

- The Sawed Longitudinal Joint or Grouted-In-Place Tie Bar Joint shall be in accordance with Standard 420001.
- Combination Concrete Curb & Gutter, Type B-6.24 shall conform to Standard 606001.
- Sawed Contraction Joints shall conform to Standard 420001. The layout of the joints shall conform to Standard 420101 except as modified on the Detail Sheet. The dowel bar for the Sawed Contraction Joint shall be 1/2 inches in diameter.
- See Standard 420101 for the Detail of Traverse Construction Joint.
- The nominal thickness of Aggregate Base Course and Bituminous Courses are shown on the Plans, Typical Sections or Details. The Constructed (compacted) thickness of the above items shall not be less than 90 percent of the nominal thickness at any location.
- All sawed joints shall be sealed with a hot-poured joint sealer meeting the requirements of Art 1050.02 of the Standard Specifications.

STRUCTURAL DESIGN INFORMATION

Structural Design Traffic Year : 2020 (1075 ADT)
 PV = 1017 SU = 50 MV = 8
 Street Classification : Class III

Percent of Structural Design Traffic in Design Lane
 P = 50% S = 50% M = 50%
 Traffic Factor : TF = 0.111 (Rigid)

Minimum Soil Support:
 IBSR = 2.0 (Assumed)

Pavement Structural Materials:
 P.C.C. Pavement, 6"

Hot-Mix Asphalt requirements:

Mixture Used	AC/PS	RAP %	Design Air Voids	Mixture Composition	Friction Aggregate
Hot-Mix Asphalt	PS-64-22	15	4.0 @ 5.0 gyration	IL 9.5	Mix C

GENERAL NOTES

This Section shall be constructed in accordance with the Plans, Standard Specifications for Road and Bridge Construction, adapted January 1, 2007, Supplemental Specifications, and the Special Provisions.

Any reference to the Illinois Division of Highway Standards shall mean the latest revision to said Standards.

There are approximately 6600 cu. yd. of "Earth Excavation" in the Roadway. Adjusted for shrinkage provides 4950 cu. yd. for embankment and Select Material with the remainder to be wasted.

The Removal of Bituminous Surface Treatment or Bituminous Concrete on a Non-Rigid Base (Aggregate) removed in conjunction with the Base shall be removed as "Earth Excavation".

Existing concrete or asphalt driveways shall be neatly sawed full depth at the locations where the Proposed Construction will abut the existing. The cost of this work shall be considered included in the cost of "Earth Excavation".

At all locations where the Proposed P.C.C. Pavement is less than Two (2) feet in width, the pavement shall be poured Monolithic with the Proposed Standard Barrier Curb and Gutter.

All earth surfaces disturbed in conjunction of the new pavement and appurtenances shall be seeded in accordance with Section 250 and the Special Provisions. The quantity listed encompasses the total ROW, Permanent Easement and Temporary Construction Easement areas.

All radii shown for the Standard Barrier Curb and Gutter are to edge of pavement.

The location of the various underground utilities as shown on the plans are from information furnished by the various Utility Companies, record drawings, and field surveys. It is the Contractor's obligation to establish the actual location of the utilities. The Contractor shall use special care when conducting operations near the utilities so as to prevent damage to them.

The cost of removing any miscellaneous items located within the limits of this improvement and which have not been accounted for as a pay item shall be considered included in the contract.

All erosion control products furnished shall be specifically recommended by the manufacturer for the use specified in Section 280 of the Standard Specifications, BDE 80087, the SMPPP and in the erosion control plan.

Prior to the approval and use of the product, the contractor shall submit to the engineer a notarized certification by the producer stating the intended use of the product and that the physical properties required for this application are met or exceeded. The contractor shall provide manufacturer installation procedures to facilitate the engineer in construction inspection.

LEGEND

- P.C.C. DRIVEWAY PAVEMENT, 6"
- P.C.C. BASE COURSE, 6" w/ 2" INCIDENTAL HOT-MIX ASPHALT SURFACING
- HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6"
- CONCRETE REMOVAL
- SLOTTED DRAIN
- PROPOSED MANHOLE
- PROPOSED INLET
- EXISTING SANITARY SEWER
- PROPOSED STORM SEWER UNDER 15" Ø
- PROPOSED STORM SEWER OVER 15" Ø
- PROPOSED WATERMAIN
- EXISTING WATERMAIN
- EXISTING GAS MAIN
- EXISTING TELEPHONE CABLE
- EXISTING DOMESTIC METER VAULT
- EXISTING DOMESTIC WATER SERVICE BOX
- PROPOSED VALVE BOX
- EXISTING VALVE BOX
- EXISTING FIRE HYDRANT
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- TEMPORARY EASEMENT (TE)
- PERMANENT EASEMENT (PE)