

N O T E S

1. The Sawed Longitudinal Joint or Grouted-in-Place Tie Bar Joint shall be in accordance with Standard 420001.
2. Combination Concrete Curb & Gutter, Type B-6.24 shall conform to Standard 606001.
3. 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 1/4 inches in diameter.
4. See Standard 420101 for the Detail of Traverse Construction Joint.
5. All sawed joints shall be sealed with a hot-poured joint sealer meeting the requirements of Art 1050.02 of the Standard Specifications.

BENCH MARKS

1. Bronze Cap on NE leg of Water Tower @ Water Plant (Control Elevation) Elev. 688.71
2. Cotton Spikes in Utility Pole on East Side of East Street North of Belle Street (1st Pole North) Sta. 44+20 Rt. 22' - Elev. 684.77
3. Top of Nut (Open/Glase) on Fire Hydrant @ NE corner Clay & Belle Streets - Elev. 686.71 25' Lt. Sta. 39+43.6
4. Cotton Spike in Utility Pole on NW corner of West & Belle Streets - Elev. 685.89 23' Lt. Sta. 34+96
5. Top "M" in Mueller on Fire Hydrant on N. Side of Belle St. East of Orchard Street - Elev. 688.33 22.7' Lt. Sta. 30+92.7
6. Top "M" in Mueller on Fire Hydrant on NE corner Orchard & Bower Streets - Elev. 689.99 34.9' Lt. Sta. 10+30
7. Top "M" in Mueller on Fire Hydrant on South side of Bower West of West Street - Elev. 688.25 21.2' Rt. Sta. 14+13.6 (East ft. of 305 Bower St.)
8. Top "M" in Mueller on Fire Hydrant on South side of Bower West of Clay Street - Elev. 690.40 24.5' Rt. Sta. 18+02.8 (across from 206 Bower St.)
9. Cotton Spike in Utility Pole on South side of South St. @ Lorraine St. - Elev. 690.44 (across from Old Library)
10. Top Survey Marker @ South St. & Orchard St. - 687.54 Cl. Sta. 400+00.0

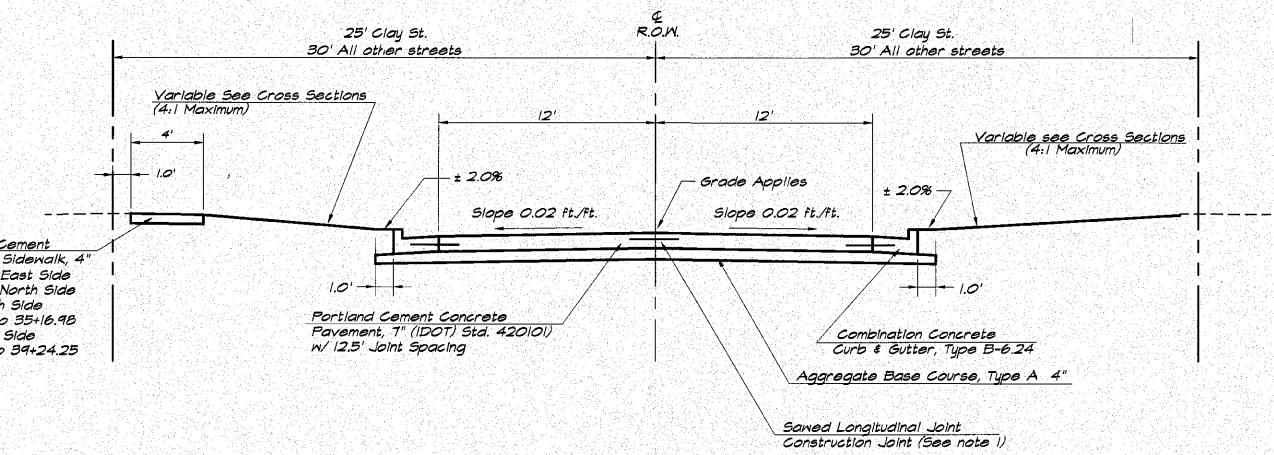
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|---------------------|---------------|--------|--------------|----------------|
| ROUTE NO. | SECTION | CITY | TOTAL SHEETS | SHEET NO. |
| | 05-0001-00-RP | OREANA | 46 | 6 |
| FED. ROAD DIST. NO. | ILLINOIS | | PROJECT | HPP-0913 (001) |

CONTRACT NUMBER 95537

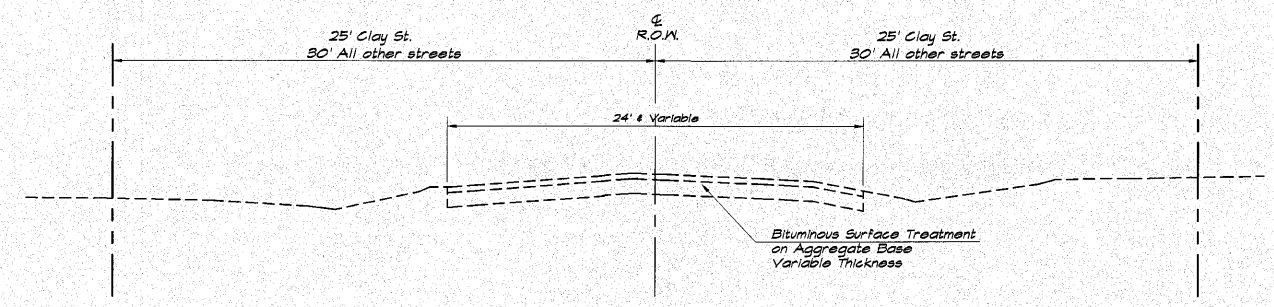
| REVISIONS | NO. | DATE | BY |
|-----------|-----|---------|-----|
| | 1 | 1-20-09 | MHP |

| | |
|----------|----------|
| SCALE | 1" = 5' |
| DESIGNED | MHP |
| DRAWN | LES |
| CHECKED | LES |
| DATE | May 2006 |
| JOB NO. | 06-040A |

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Illinois License 184-001285



TYPICAL SECTION - SAFETEA-LU PROJECT



TYPICAL EXISTING SECTION

G E N E R A L N O T E S

This Section shall be constructed in accordance with the Plans, Standard Specifications for Road and Bridge Construction, adopted 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.

Existing concrete or asphalt driveways and at the beginning or end of each street 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.

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 items 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 BOCBT, the SMPFF 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.

STRUCTURAL DESIGN INFORMATION

Structural Design Traffic Year : 2018 (400 ADT)
 PV = 348 SU = 50 MU = 2
 Street Classification : Class III

Percent of Structural Design Traffic in Design Lane
 P = 50% S = 50% M = 50%
 Traffic Factor : TF = 0.071 (Rigid)

Minimum Soil Support:
 IBR = 2.0 (Assumed) TF Minimum = 0.50

Pavement Structural Materials:
 P.C.C. Pavement, 7" for 12.5' Joint Spacing

| Mixture Uses | AC/PS | RAP % | Design Air Voids | Mixture Compaction | Friction Aggregate |
|-----------------------------------|----------|-------|-------------------|--------------------|--------------------|
| Incidental Hot-Mix Asph Surfacing | PS-64-22 | 15 | 4.0 @ 50 gyration | IL 9.5 | Mix C |
| Hot-Mix Asph Base Cse, 5" | PS-64-22 | 50 | 2.0 @ 50 gyration | BAM IL 14.0 | N/A |

L E G E N D

- P.C.C. DRIVEWAY PAVEMENT, 6" and 8"
- 2 INCH INCIDENTAL HOT-MIX ASPHALT SURFACING ON AGGREGATE BASE COURSE, TYPE A, 5"
- P.C.C. SIDEWALK
- AGGREGATE SURFACE COURSE, TYPE A, 6"
- CONCRETE REMOVAL
- 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 DOMESTIC METER VAULT
- PROPOSED DOMESTIC WATER SERVICE BOX
- PROPOSED VALVE BOX
- EXISTING VALVE BOX
- EXISTING FIRE HYDRANT
- TEMPORARY EASEMENT
- PROPOSED RIGHT OF WAY
- EXISTING RIGHT-OF-WAY

VILLAGE OF OREANA, ILLINOIS
SAFETEA-LU PROJECT

TYPICAL SECTIONS - GENERAL NOTES - LEGEND

| | |
|-----------|----------|
| SCALE | 1" = 5' |
| DATE | May 2006 |
| JOB NO. | 06-040A |
| SHEET NO. | 6 OF 46 |