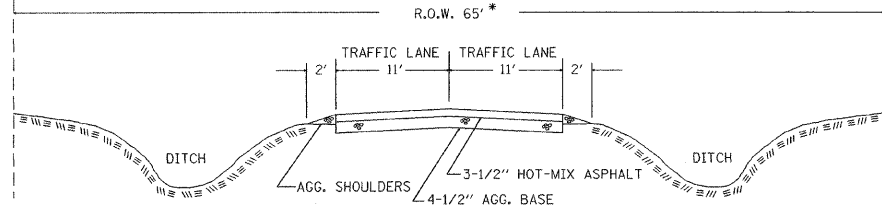


| F.A.U. ROUTE NO. | SECTION | ILLINOIS PROJECT | CONTRACT NO. | COUNTY | TOTAL SHEETS | SHEET NUMBER |
|------------------|----------------|------------------|--------------|---------|--------------|--------------|
| 6039 | 07-00156-00-WR | M-5052 (25) | 87354 | LASALLE | 22 | 3 |

ADAMS STREET

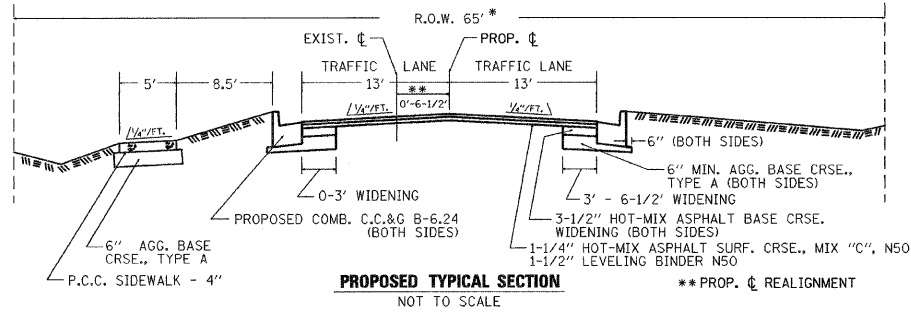
STATION 10+08 TO STATION 17+67

R.O.W. 65'



EXISTING TYPICAL SECTION
NOT TO SCALE

* WIDTH VARIES FROM 65' TO 66' FROM STA. 16+55 TO 17+67

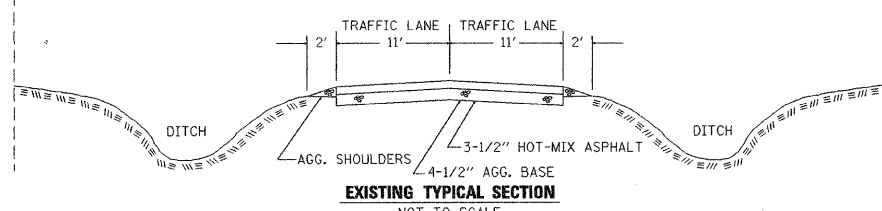


PROPOSED TYPICAL SECTION
NOT TO SCALE

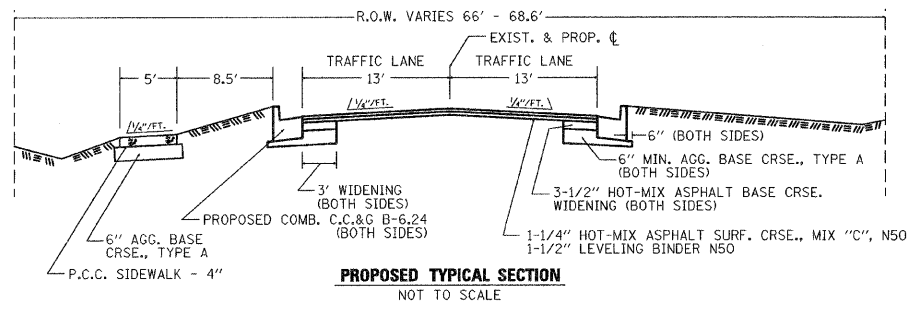
**PROP. REALIGNMENT

STATION 17+67 TO STATION 23+28

R.O.W. VARIES 66' - 68.6'



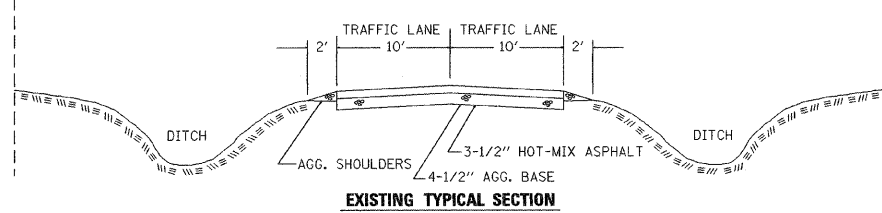
EXISTING TYPICAL SECTION
NOT TO SCALE



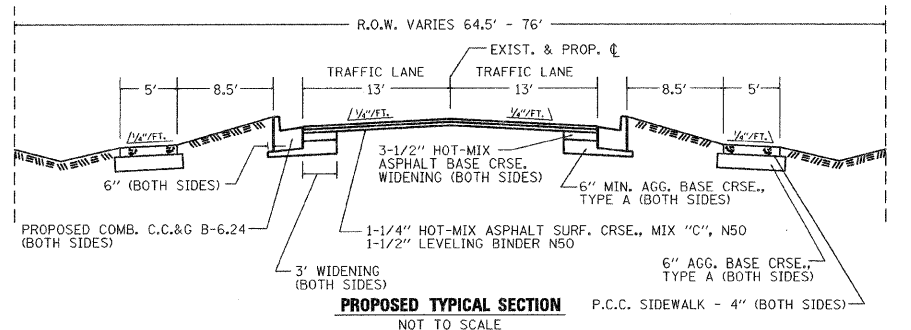
PROPOSED TYPICAL SECTION
NOT TO SCALE

STATION 23+28 TO STATION 36+57

R.O.W. VARIES 60' - 76'



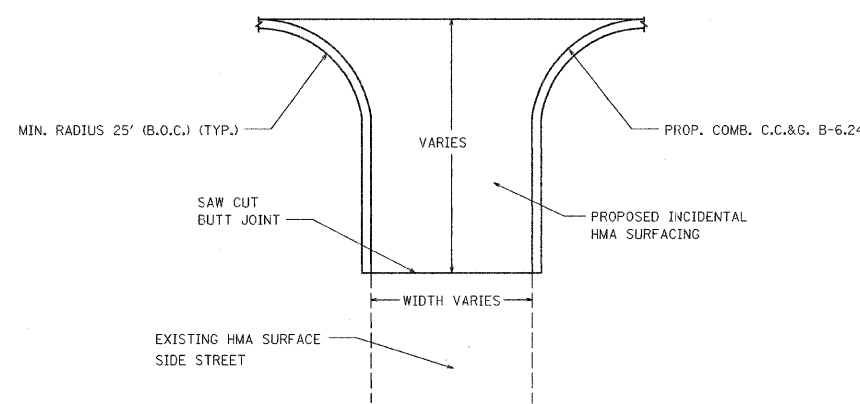
EXISTING TYPICAL SECTION
NOT TO SCALE



PROPOSED TYPICAL SECTION
NOT TO SCALE

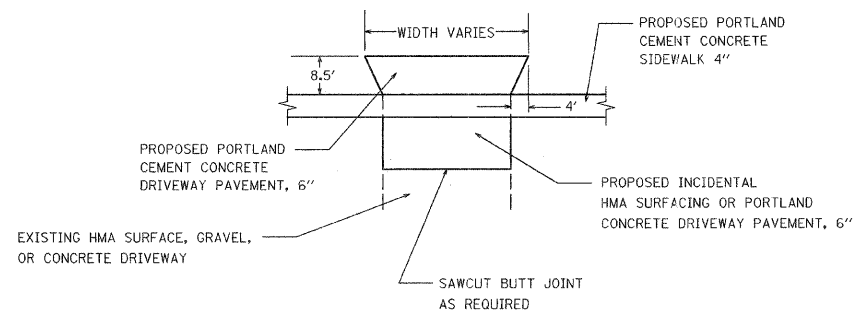
TYPICAL SIDE STREET DETAIL

NOT TO SCALE



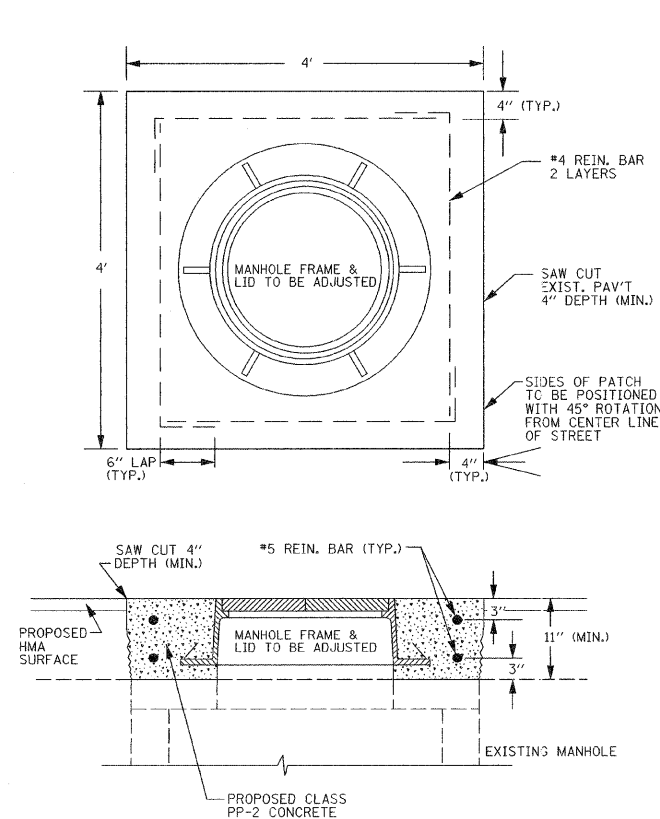
TYPICAL DRIVEWAY DETAIL

NOT TO SCALE



DETAIL FOR MANHOLE ADJUSTMENT

NOT TO SCALE



PAVEMENT DESIGN

| | HMA CLASS D PATCHES BASE COURSE WIDENING | HMA LEVEL BINDER | HMA SURFACE |
|------------------------|--|--------------------------|-------------------|
| PG Grade | PG64-22 | PG64-22 | PG64-22 |
| MAX % RAP Allowable ** | 25% | 25% | 15% |
| Design Air Voids | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 |
| Mixture Composition | IL 19.0 | IL 9.5 | IL 12.5 or IL 9.5 |
| Friction Aggregate | | | Mixture C |
| Density Test Method | Nuclear/ Cores | Satisfaction of Engineer | Nuclear/ Cores |

* Material shall be compacted to 93.0-97.4 percent of the maximum theoretical density, except that when placed as first lift on an unimproved subgrade the minimum percent compaction shall be 92.0 percent. The maximum theoretical density shall be determined from the moving average as specified in the OC/QA Specification.

** If the RAP percentage is different than listed above, the PG grade may need to be adjusted. This will be determined by the Engineer.

CLASS II ROAD
2002 ADT 1,750
DESIGN SPEED 30 MPH
STRUCTURAL DESIGN DATA (FOR ALL SECTIONS)
DESIGN PERIOD - 20 YEARS
S.D.T. (2017) - 3,000
P.V. = 2,940 S.U. = 45 M.U. = 15
PERCENT OF S.D.T. P.V. = 98.0% S.U. = 1.5% M.U. = 0.5%
I.B.R. = 3.6

STRUCTURAL COMPONENTS

FLEXIBLE PAVEMENT - TRAFFIC FACTOR = 0.09
STRUCTURAL NUMBER - (D1) = 2.75

PAVEMENT STRUCTURE MATERIALS

EXISTING

AGGREGATE BASE - 4-1/2"
HOT-MIX ASPHALT - 3-1/2"

PROPOSED MAINLINE

LEVELING BINDER N50 - 1-1/2"
HOT-MIX ASPHALT SURF. CRSE. MIX "C", N50 - 1-1/4"

PROPOSED WIDENING

AGGREGATE BASE CRSE.. TYPE A - 6"
HOT-MIX ASPHALT BASE CRSE. WIDENING - 3-1/2"
LEVELING BINDER N50 - 1-1/2"
HOT-MIX ASPHALT SURF. CRSE. MIX "C", N50 - 1-1/4"

PLAN

| | | | | |
|------|----|----------|----------------|-----------------------------|
| DATE | BY | SURVEYED | GRADES CHECKED | STRUCTURE NOTATIONS CHECKED |
| | | | | |

PROFILE

| | | | | |
|------|----|----------|----------------|-----------------------------|
| DATE | BY | SURVEYED | GRADES CHECKED | STRUCTURE NOTATIONS CHECKED |
| | | | | |