Sidewalk Details

SD1  Typical Concrete Sidewalk
SD2  Sidewalk Ramp Details (Type I)
SD3  Sidewalk Ramp Details (Type II)
SD4  Curbface Walk & Wingwalk Detail/Curb & Gutter
SD5  Concrete Curb Walk

Curb Details

C1    Pin on Curb
C2    Concrete Curb & Gutter Rolled
C3    Concrete Curb & Gutter  6”X6”
C4    Typical Concrete Section
C5    Typical Asphalt Section

Drive Approach Details

DA1   Typical Residential
DA2   Residential Drive Approach Detail (Type I)
DA3   Residential Drive Approach Detail (Type II)
DA4   Typical Private Drive Approach
DA5   Typical Commercial Drive Approach

Street & Parking lot Patching/Paving Details

SPD1  Pavement Repair Details
SPD2  Arterial and Light Industrial Street (Type I)
SPD3  Arterial and Light Industrial Street (Type II)
SPD4  Local Residential (Street Type I)
SPD5  Local Residential (Street Type II)
SPD6  Collector Streets (Type I)
SPD7  Collector Streets (Type II)
SPD8  Residential Driveways (Type I)
SPD9  Residential Driveways (Type II)
SPD10  Parking Lots (Type I)
SPD11  Parking Lots (Type II)
SPD12  Parking Lots 20 Heavy Trucks Per Day (Type I)
SPD13  Parking Lots 20 Heavy Trucks Per Day (Type II)
SPD14  Parking Lots 20-400 Truck Per Day (Type I)
SPD15  Parking Lots 20-400 Truck Per Day (Type II)
SPD16  Asphalt Pavement Section W/Curb
SPD17  Asphalt Conc. Repair
Construction Details

1/2" Preformed Joint Material Every 50'

4' Min

Variable

Expansion Joint

Tree Line

Slope 1/4" Per Ft.

Property Line

* As shown on Construction Plan

Office of City Engineer
Huntington, Indiana
2003
Construction Details

Sidewalk Ramp Detail

PLAN VIEW
Scale: 1"=10'

SECTION A-A
Scale: 1"=2'

Detectable Warning
Cast in Place
Elements 2' x 4'

SECTION B-B
Scale: 1/2"=1'

Office of City Engineer
Huntington, Indiana
2003
**Construction Details**

**Sidewalk Ramp Detail**

- **Section A-A**: Remove Existing Curb & Replace With Sloped Curb
  - Detectable Warning Cast in Place Elements 2'x4'
  - Proposed 5' Walk
  - Slope 12:1 Max.

- **Section B-B**: Pavement Details
  - Top of Curb
  - Gutter Line
  - 48" 76" 14"
  - Min.

**Office of City Engineer**
Huntington, Indiana
2003

SD-3
Construction Details

Concrete Curb and Gutter 6"x6"

Curbface Walk and Wingwalk Detail

Office of City Engineer
Huntington, Indiana
2003

Scale: 1"=1'
CONCRETE CURB WALK
TYPE II

5'6" APPR.
4" CONCRETE WALK
1/2"
SLOPE 1/4"/FT.
1"-2" R
CONTRACTION SCORE EVERY 5' 45° APPROX.

1/2" EXPANSION JOINT REQUIRED EVERY 50'

9"
Pavement
Pin On Curb Detail

1. Surface Asphalt

10" Sub Base

3" Base Asphalt

6" Min.

7"

4" Vertical Rebar 2', length 5', 0.6"

#4 Horizontal Rebar

Concrete Curb
CONSTRUCTION STANDARDS

CONCRETE CURB & GUTTER - ROLLED

BACK OF CURB TO BE DEPRESSED FOR DRIVEWAYS 2 1/4"

SLOPE 1/4"/FT.

ASPHALT PAVEMENT

COMPACTED SUBGRADE

CONCRETE CURB 18"

SLOPE: 1/4"/FT.

PAVEMENT

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA

1980
CONSTRUCTION STANDARDS
CONCRETE CURB & GUTTER 6" x 6"

Curbface Walk and Wingwalk Detail

EXISTING PAVEMENT

COMPACTED AGGREGATE

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1980

SCALE: 1" = 1'
CONSTRUCTION STANDARDS
TYPICAL RESIDENTIAL DRIVE DETAIL

1/2" Preformed Joint Material

Property Line

Drive Width
Meet Existing

1/2" Preformed Joint Material

Saw Joint
Or Keyway

5' Sidewalk

4'

B

A

B

Back Of Walk

Top Of Curb
Gutter Line

SECTION B-B

1/2" Preformed Joint Material

Material Req'd If Drive Abuts Concrete Behind Walk

Drive Approach
10% Max. Slope

1/2"

1"

R

6"

5'

6"

Pavement

Keyway

SECTION A-A

OFFICE OF CITY ENGINEER
HUNTINGTON INDIANA
1980
CONSTRUCTION STANDARDS
RESIDENTIAL DRIVE APPROACH DETAIL

Match Existing
(12' Min.) (20' Max.)

Property Line

\[ \frac{1}{2} \text{ Preformed Joint Material} \]

\[ \text{Saw Joint Or Keyway} \]

\[ \text{3 Rod. Minimum} \]
\[ \text{5 Rod. Desirable} \]

\[ \text{Top Of Curb} \]
\[ \text{Gutter Line} \]

VIEW FROM STREET LEVEL
SECTION B-B

CONNECTION DETAIL FOR CONCRETE CURB 6" x 6"

Property Line

\[ \text{Slope Max. 10\%} \]

\[ \frac{1}{2} \text{ / Ft Max. Slope} \]

\[ \text{Sidewalk} \]

\[ \text{Variable} \]

\[ \text{Back Of Curb} \]

\[ 6" \]

\[ 1" R \]

\[ 1/2" \]

\[ \text{Drive Approach} \]

\[ 6" \]

\[ \text{Pavement} \]

\[ \text{Keyway} \]

\[ \frac{1}{2} \text{ Preformed Joint Material} \]

\[ \text{Req'd. If Drive Abuts} \]

\[ \text{Concrete Behind Walk} \]

SECTION A-A

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1980

* As Shown On Construction Plan
TYPICAL COMMERCIAL DRIVE APPROACH DETAIL

DRIVE WIDTH
(12' Min.) (30' Max.)

PROPERTY LINE

FLARED END SECTION

VARIABLE RADIUS
15' Minimum
20' Desirable

ALL DISTURBED AREAS OF BERM TO BE REPLACED BY ASPHALT PAVEMENT.

CULVERT 31 VARIABLE

EDGE OF BERM

--- A ---

OF STREET

CONNECTION DETAIL FOR CONCRETE APPROACH

PROPERTY LINE

Slope Variable

Slope

DRIVE APPROACH 8°

PAVEMENT

Variable Distance

CULVERT

SECTION A-A
CONSTRUCTION STANDARDS
PAVEMENT REPAIR DETAIL

Existing Surface

Subgrade

BACKFILL
#53 or #73 Agg In 4" Layers Solidly Tamped To The Sub-grade Of The Street (95% Dry Density)

Undisturbed Earth

Use Type Of Pipe Bedding Specified

TYPICAL STREET CUT

6" Concrete Reinforced With 10-10-6

Bricks Should Be Set In Wet Cement

BRICK STREET REPAIR
ALTERNATE REPAIR "A"

NOTE: (Fill Cracks With Sand)

BRICK STREET REPAIR
ALTERNATE REPAIR "B"

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1982

20
CONSTRUCTION STANDARDS
ARTERIAL AND LIGHT INDUSTRIAL STREETS

POOR SUBGRADE

50mm ASPHALT CONCRETE SURFACE
2"

205mm ASPHALT CONCRETE BASE
8"
10"

MEDIUM SUBGRADE

50mm ASPHALT CONCRETE SURFACE
2"

205mm ASPHALT CONCRETE BASE
6"
8"

GOOD TO EXCELLENT SUBGRADE

50mm ASPHALT CONCRETE SURFACE
2"

155mm ASPHALT CONCRETE BASE
6"

105mm ASPHALT CONCRETE BASE
4"

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HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
ARTERIAL AND LIGHT INDUSTRIAL STREETS

POOR SUBGRADE

- Asphalt Concrete Surface (2"
- Asphalt Concrete Base (4"
- 75 or 53 Crushed Lime (4"
- 2 Crushed Lime (4"

MEDIUM SUBGRADE

- Asphalt Concrete Surface (2"
- Asphalt Concrete Base (6"
- 75 or 53 Crushed Lime (4"

GOOD TO EXCELLENT SUBGRADE

- Asphalt Concrete Surface (2"
- Asphalt Concrete Base (4"
- 75 or 53 Crushed Lime (4"

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
LOCAL RESIDENTIAL STREETS

POOR SUBGRADE

**ASPHALT CONCRETE SURFACE**

1"

**ASPHALT CONCRETE BASE**

4" 5"

MEDIUM SUBGRADE

**ASPHALT CONCRETE SURFACE**

1"

**ASPHALT CONCRETE BASE**

3" 4"

GOOD TO EXCELLENT SUBGRADE

**ASPHALT CONCRETE SURFACE**

1"

**ASPHALT CONCRETE BASE**

3" 4"

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HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
LOCAL RESIDENTIAL STREETS

POOR SUBGRADE

10" •

MEDIUM SUBGRADE

8"

GOOD TO EXCELLENT SUBGRADE

7"

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HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
COLLECTOR STREETS

POOR SUBGRADE

GOOD TO EXCELLENT SUBGRADE

MEDIUM SUBGRADE

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HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
COLLECTOR STREETS

POOR SUBGRADE

- ASPHALT CONCRETE SURFACE 1 1/2"
- ASPHALT CONCRETE BASE 4 1/2"
- 73 or 53 CRUSHED LIMESTONE 6"

MEDIUM SUBGRADE

- ASPHALT CONCRETE SURFACE 1 1/2"
- ASPHALT CONCRETE BASE 3 1/2"
- 73 or 53 CRUSHED LIMESTONE 4"

GOOD TO EXCELLENT SUBGRADE

- ASPHALT CONCRETE SURFACE 1 1/2"
- ASPHALT CONCRETE BASE 3"
- 73 or 53 CRUSHED LIMESTONE 3"

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
RESIDENTIAL DRIVEWAYS

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
RESIDENTIAL DRIVEWAYS

ASPHALT CONCRETE SURFACE
1"

ASPHALT CONCRETE BASE
2"

7/3 or 53 CRUSHED LIMESTONE
3"

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HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
PARKING LOTS

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HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
PARKING LOTS

GOOD TO EXCELLENT SUBGRADE

MEDIUM SUBGRADE

POOR SUBGRADE

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
PARKING LOTS
20 HEAVY TRUCKS PER DAY

SUBGRADE - GOOD TO EXCELLENT
T = 4"

SUBGRADE - MEDIUM
T = 5 1/2"

SUBGRADE - POOR
T = 7 1/2"

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
PARKING LOTS
20 HEAVY TRUCKS PER DAY

GOOD TO EXCELLENT SUBGRADE

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MEDIUM SUBGRADE

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POOR SUBGRADE

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OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS

PARKING LOTS
20 - 400 HEAVY TRUCKS PER DAY

SUBGRADE - GOOD TO EXCELLENT

ASPHALT CONCRETE

T_a = 8 1/2"

ASPHALT CONCRETE

SUBGRADE - MEDIUM

T_a = 10 1/2"

ASPHALT CONCRETE

SUBGRADE - POOR

T_a = 12 1/2"

OFFICE OF CITY ENGINEER
HUNTINGTON, INDIANA
1983
CONSTRUCTION STANDARDS
PARKING LOTS
20 - 400 HEAVY TRUCKS PER DAY

GOOD TO EXCELLENT SUBGRADE

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MEDIUM SUBGRADE

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POOR SUBGRADE

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HUNTINGTON, INDIANA
1983
ASPHALT PAVEMENT SECTION w/CURB

27'(TYP)
24'(TYP) 3/8 CURB

CONC. CURB

SLOPE 1/2 PER FT.

110# PER S.Y. #11 HAC SURF.
440# PER S.Y. HAC BASE
330# PER S.Y. HAC BASE
8" # 78 OR #53 STONE
SAW PAVEMENT 2" DEEP

EXISTING PAVEMENT

D+2"

D

I'-O" TYP.

SPECIAL BACKFILL

#73/53 STONE

CLASS "B" BEDDING

PIPING

PIPE O.D. + 30"

ASPHALT/CONC. REPAIR