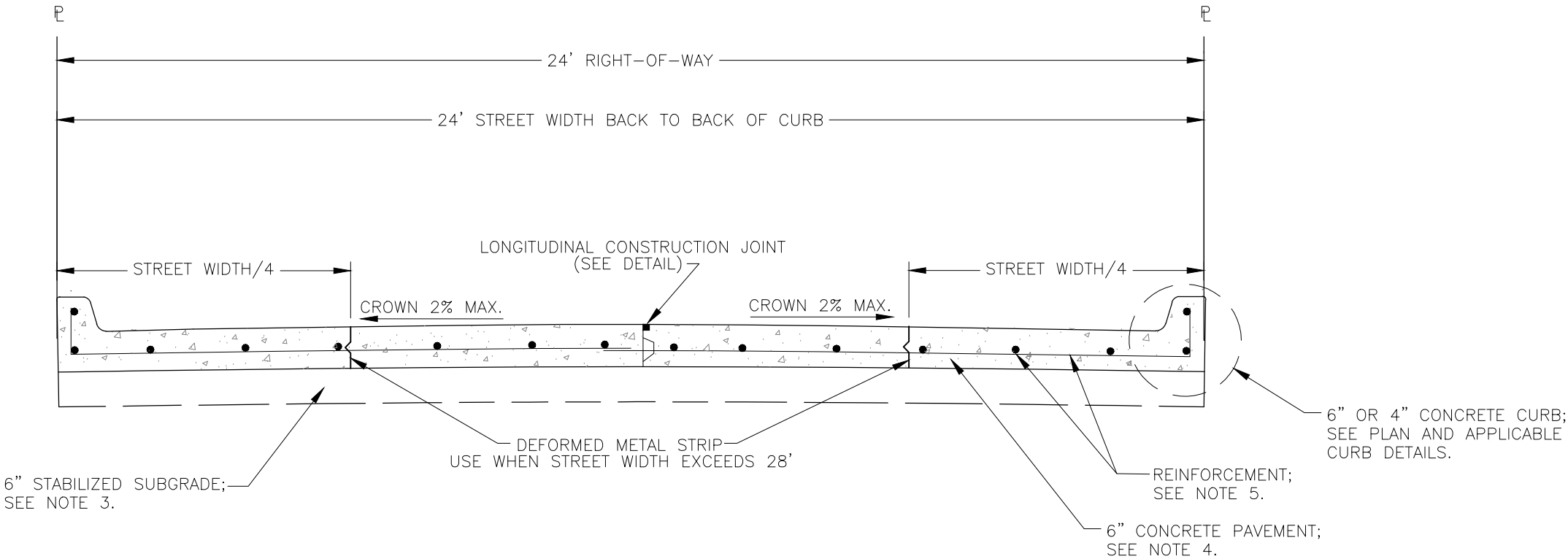


GENERAL NOTES

1. STRIP AND REMOVE ALL VEGETATION, LOOSE TOPSOIL, TREES AND ROOTS WITHIN THE CONSTRUCTION AREA.
2. SUBGRADE FILL: IMPORTED FILL MATERIALS, WHEN REQUIRED TO ACHIEVE FINAL SUBGRADE ELEVATION, SHALL BE CHOSEN THAT EXHIBIT SIMILAR CLASSIFICATION AND PHYSICAL PROPERTIES AS THE ON SITE SOILS. SAMPLES OF THE FILL MATERIAL SHALL BE MADE AVAILABLE TO THE OWNER'S TESTING LABORATORY 7 DAYS PRIOR TO PLACEMENT. SUBGRADE FILL, WHETHER IMPORTED OR EXCAVATED ON-SITE, SHALL BE PLACED IN 6" LOOSE LIFTS AND COMPACTED TO 95% STANDARD PROCTOR (ASTM D698) AT A MOISTURE CONTENT WITHIN -1% DRY & +3% WET OF OPTIMUM.
3. STABILIZED SUBGRADE: 6" MIN. THICKNESS SUBGRADE COMPACTED TO 95% STANDARD PROCTOR. SEE TABLE OF SUBGRADE STABILIZATION REQUIREMENTS. THE DEVELOPER IS REQUIRED TO HIRE A TESTING LABORATORY TO ESTABLISH PROPER SUBGRADE STABILIZATION SPECIFICATIONS. SPECIFICATIONS SHALL BE SUBMITTED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO COMPLETION OF PAVEMENT DESIGN. STABILIZED SUBGRADE SHALL EXTEND A MINIMUM 2' BEHIND THE CURB.
4. CONCRETE SHALL MEET THE REQUIREMENTS OF TXDOT ITEM 421 - HYDRAULIC CEMENT CONCRETE, CLASS P PER TXDOT ITEM 421, TABLE 8. WITH THE FOLLOWING MODIFICATIONS: MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI; TXDOT ITME 421, TABLE 9 REQUIRES FORMED CONCRETE PAVEMENT TO HAVE SLUMP FROM 4 INCHES TO 5.5 INCHES AT THE POINT OF PLACEMENT.
5. REINFORCING STEEL SHALL BE A MINIMUM OF #4 BARS @ 18" O.C. TRANSVERSE AND LONGITUDINALLY. GRADE OF REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 IN ACCORDANCE WITH TXDOT ITEM 440.

TABLE OF SUBGRADE STABILIZATION REQUIREMENTS

P.I.=PLASTICITY INDEX		
L.L.=LIQUID LIMIT		
IF P.I.>20 AND L.L.≤35, LIME STABILIZE SUBGRADE		
IF P.I.>15 AND L.L.≥36, LIME STABILIZE SUBGRADE		
IF P.I.≤5, CEMENT STABILIZE SUBGRADE		
ACCEPTABLE SOILS OTHER THAN THOSE DEFINED BY THE LIMITS ABOVE DO NOT REQUIRE STABILIZATION.		
PERCENT OF LIME OR CEMENT REQUIRED (BY WEIGHT):		
P.I.	PERCENTAGE REQUIRED	MATERIAL
≤5	5	CEMENT
<25	5	LIME
26 TO 33	6	LIME
34 TO 40	7	LIME
>40	DETERMINE BY ASTM C977	LIME



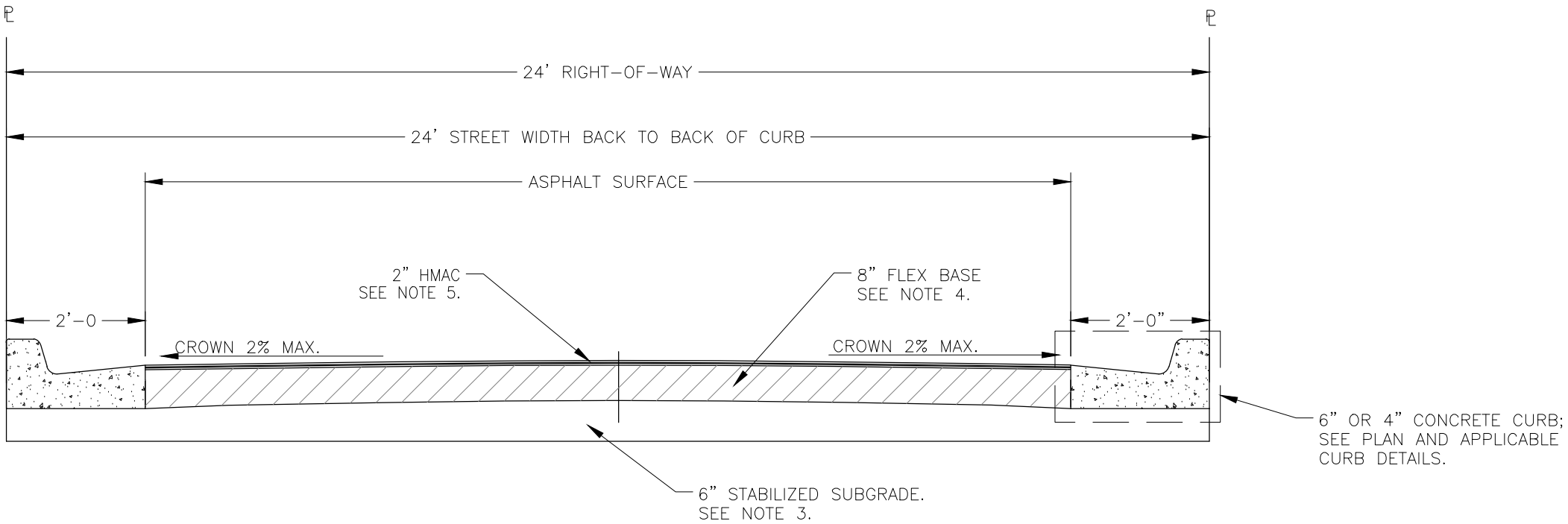
TYPICAL CONCRETE PAVEMENT SECTION
(ALLEY)

GENERAL NOTES

- 1. STRIP AND REMOVE ALL VEGETATION, LOOSE TOPSOIL, TREES AND ROOTS WITHIN THE CONSTRUCTION AREA.
- 2. SUBGRADE FILL: IMPORTED FILL MATERIALS, WHEN REQUIRED TO ACHIEVE FINAL SUBGRADE ELEVATION, SHALL BE CHOSEN THAT EXHIBIT SIMILAR CLASSIFICATION AND PHYSICAL PROPERTIES AS THE ON SITE SOILS. SAMPLES OF THE FILL MATERIAL SHALL BE MADE AVAILABLE TO THE OWNER'S TESTING LABORATORY 7 DAYS PRIOR TO PLACEMENT. SUBGRADE FILL, WHETHER IMPORTED OR EXCAVATED ON-SITE, SHALL BE PLACED IN 6" LOOSE LIFTS AND COMPACTED TO 95% STANDARD PROCTOR (ASTM D698) AT A MOISTURE CONTENT WITHIN -1% DRY & +3% WET OF OPTIMUM.
- 3. STABILIZED SUBGRADE: 6" MIN. THICKNESS SUBGRADE COMPACTED TO 95% STANDARD PROCTOR. SEE TABLE OF SUBGRADE STABILIZATION REQUIREMENTS. THE DEVELOPER IS REQUIRED TO HIRE A TESTING LABORATORY TO ESTABLISH PROPER SUBGRADE STABILIZATION SPECIFICATIONS. SPECIFICATIONS SHALL BE SUBMITTED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO COMPLETION OF PAVEMENT DESIGN. STABILIZED SUBGRADE SHALL EXTEND A MINIMUM 2' BEHIND THE CURB.
- 4. 8" MIN. THICKNESS TXDOT TYPE A GRADE 1 FLEXIBLE BASE COMPACTED TO 97% MODIFIED PROCTOR.
- 5. 2" MIN. TXDOT TYPE D ASPHALTIC CONCRETE PAVEMENT WITH TACK COAT PER TXDOT ITEM 340.

TABLE OF SUBGRADE STABILIZATION REQUIREMENTS

P.I.=PLASTICITY INDEX		
L.L.=LIQUID LIMIT		
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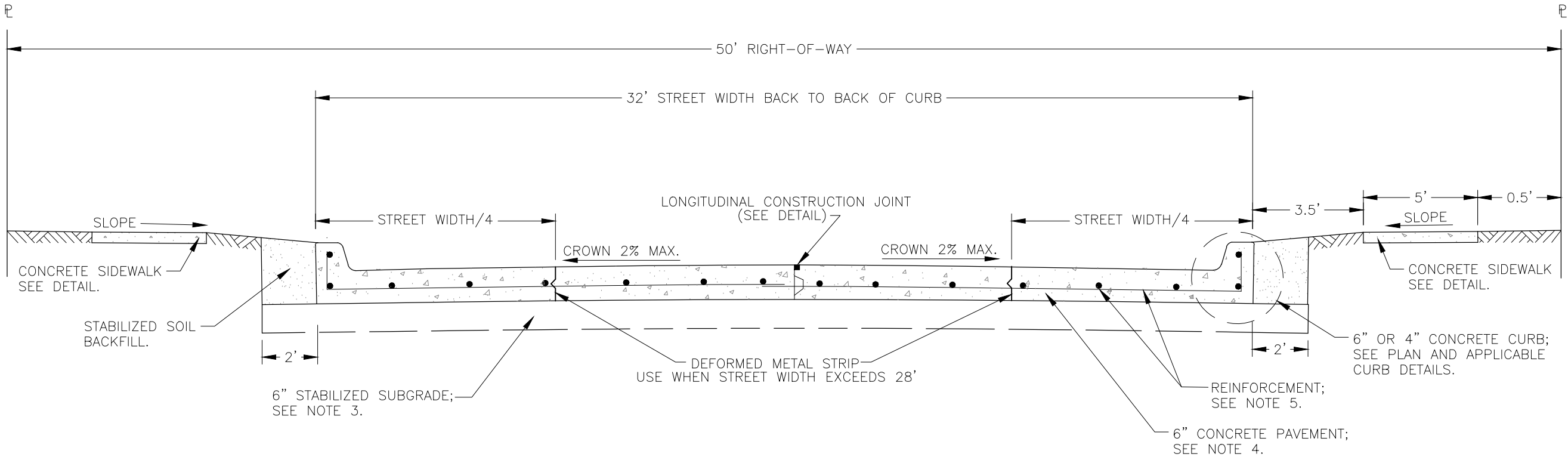
TYPICAL ASPHALT PAVEMENT SECTION
WITH CURB & GUTTER
(ALLEY)

GENERAL NOTES

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P.I.	PERCENTAGE REQUIRED	MATERIAL
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<25	5	LIME
26 TO 33	6	LIME
34 TO 40	7	LIME
>40	DETERMINE BY ASTM C977	LIME



TYPICAL CONCRETE PAVEMENT SECTION
(LOCAL STREETS)

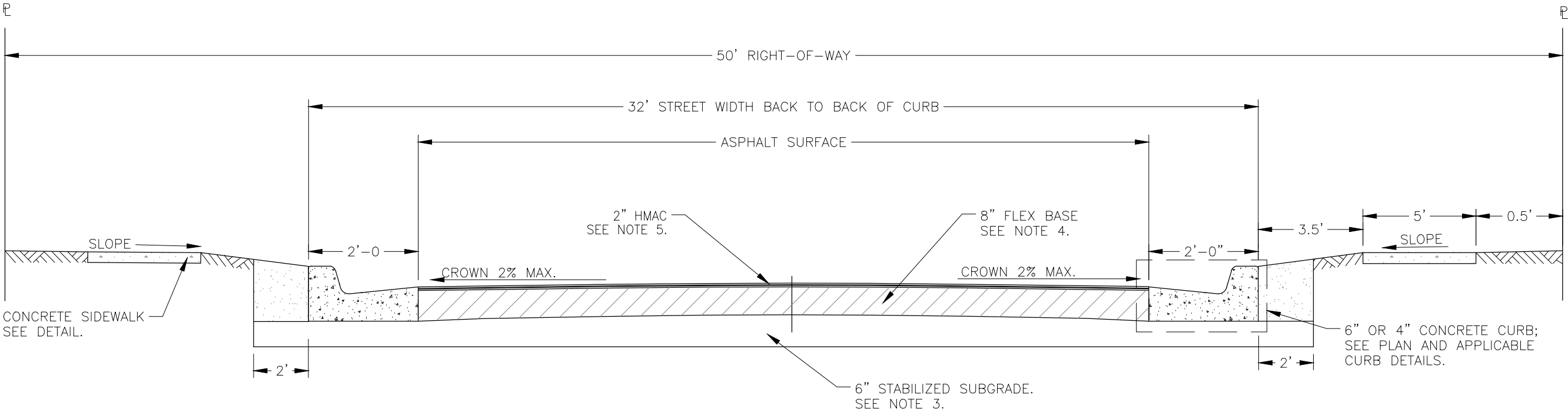
CITY OF CALDWELL
TYPICAL CONCRETE PAVEMENT SECTION
LOCAL STREET

GENERAL NOTES

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4. 8" MIN. THICKNESS TXDOT TYPE A GRADE 1 FLEXIBLE BASE COMPACTED TO 97% MODIFIED PROCTOR.
5. 2" MIN. TXDOT TYPE D ASPHALTIC CONCRETE PAVEMENT WITH TACK COAT PER TXDOT ITEM 340.

TABLE OF SUBGRADE STABILIZATION REQUIREMENTS

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P.I.	PERCENTAGE REQUIRED	MATERIAL
≤5	5	CEMENT
<25	5	LIME
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>40	DETERMINE BY ASTM C977	LIME



TYPICAL ASPHALT PAVEMENT SECTION
WITH CURB & GUTTER
(LOCAL STREETS)

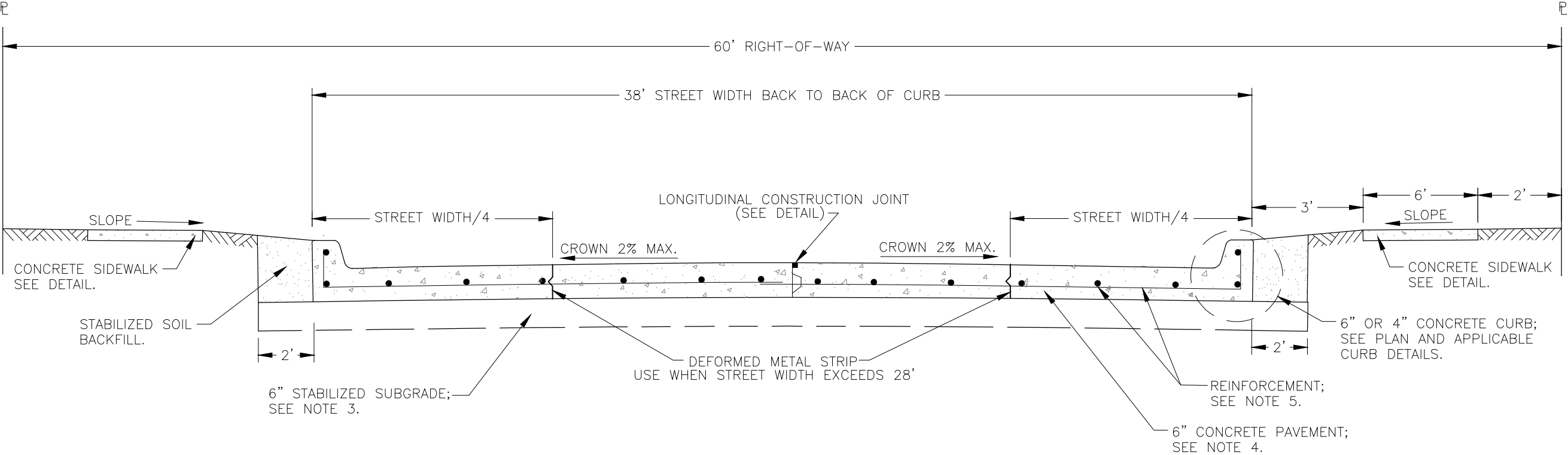
CITY OF CALDWELL
TYPICAL ASPHALT PAVEMENT SECTION
LOCAL STREET

GENERAL NOTES

- 1. STRIP AND REMOVE ALL VEGETATION, LOOSE TOPSOIL, TREES AND ROOTS WITHIN THE CONSTRUCTION AREA.
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- 3. STABILIZED SUBGRADE: SUBGRADE STABILIZATION SHALL CONSIST OF A MINIMUM OF 8" LIME TREATED SUBGRADE. THE DEVELOPER IS REQUIRED TO HIRE A TESTING LABORATORY TO ESTABLISH PROPER SUBGRADE STABILIZATION SPECIFICATIONS. SPECIFICATION SHALL BE SUBMITTED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO COMPLETION OF PAVEMENT DESIGN. STABILIZATION SUBGRADE SHALL EXTEND A MINIMUM OF 2' BEHIND THE CURB.
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ACCEPTABLE SOILS OTHER THAN THOSE DEFINED BY THE LIMITS ABOVE DO NOT REQUIRE STABILIZATION.		
PERCENT OF LIME OR CEMENT REQUIRED (BY WEIGHT):		
P.I.	PERCENTAGE REQUIRED	MATERIAL
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<25	5	LIME
26 TO 33	6	LIME
34 TO 40	7	LIME
>40	DETERMINE BY ASTM C977	LIME



TYPICAL CONCRETE PAVEMENT SECTION
(MINOR COLLECTOR)

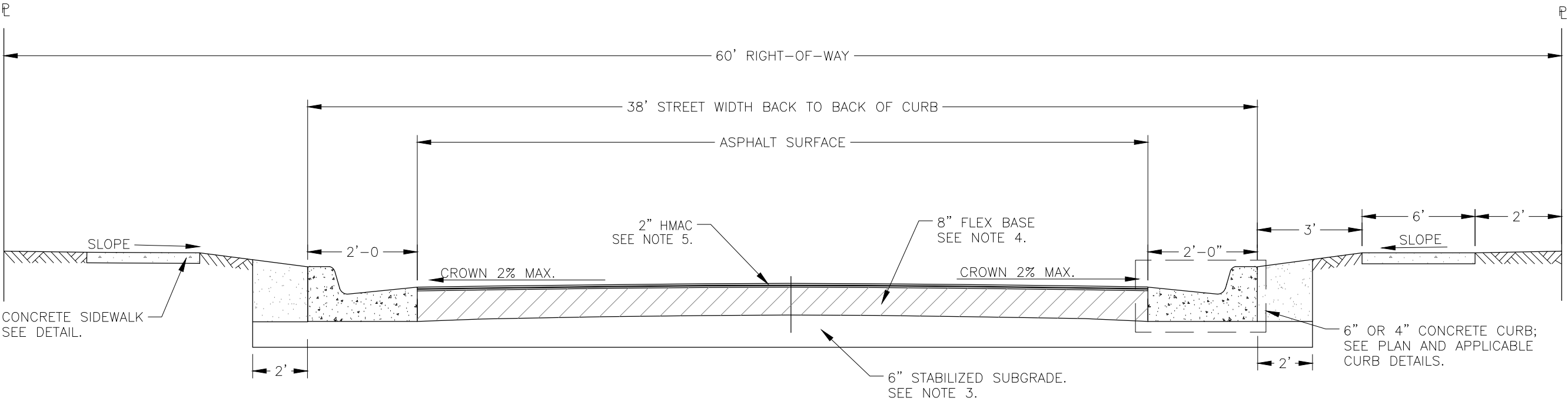
CITY OF CALDWELL
TYPICAL CONCRETE PAVEMENT SECTION
MINOR COLLECTOR

GENERAL NOTES

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- 4. 8" MIN. THICKNESS TXDOT TYPE A GRADE 1 FLEXIBLE BASE COMPACTED TO 97% MODIFIED PROCTOR.
- 5. 2" MIN. TXDOT TYPE D ASPHALTIC CONCRETE PAVEMENT WITH TACK COAT PER TXDOT ITEM 340.

TABLE OF SUBGRADE STABILIZATION REQUIREMENTS

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PERCENT OF LIME OR CEMENT REQUIRED (BY WEIGHT):		
P.I.	PERCENTAGE REQUIRED	MATERIAL
≤5	5	CEMENT
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26 TO 33	6	LIME
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>40	DETERMINE BY ASTM C977	LIME



TYPICAL ASPHALT PAVEMENT SECTION
WITH CURB & GUTTER
(MINOR COLLECTOR)

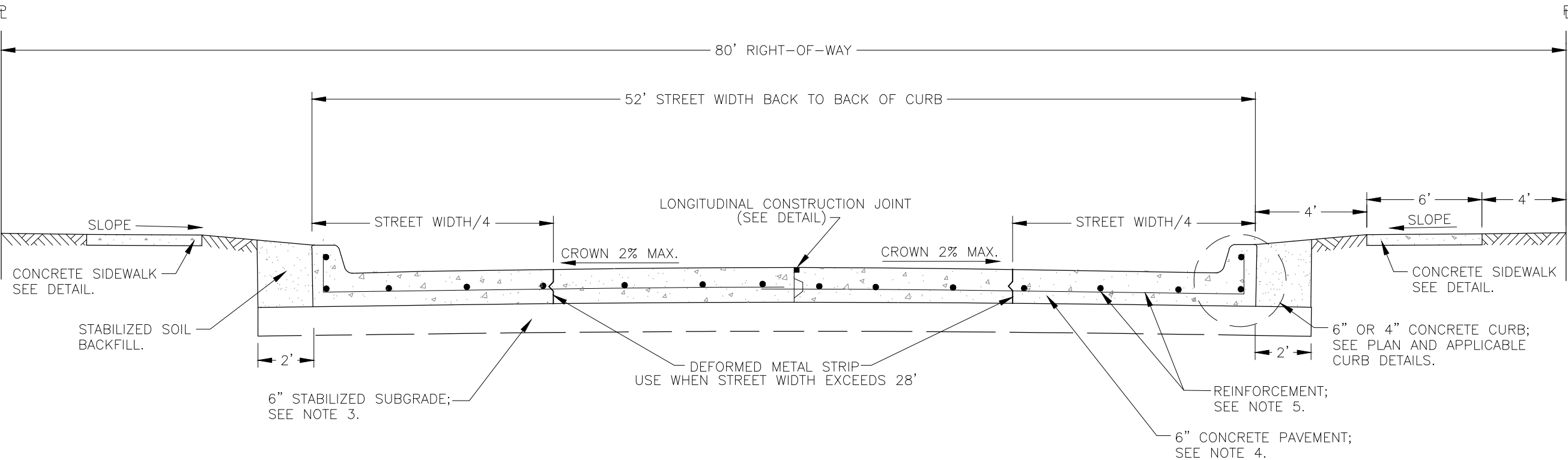
CITY OF CALDWELL
TYPICAL ASPHALT PAVEMENT SECTION
MINOR COLLECTOR

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ACCEPTABLE SOILS OTHER THAN THOSE DEFINED BY THE LIMITS ABOVE DO NOT REQUIRE STABILIZATION.		
PERCENT OF LIME OR CEMENT REQUIRED (BY WEIGHT):		
P.I.	PERCENTAGE REQUIRED	MATERIAL
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TYPICAL CONCRETE PAVEMENT SECTION
(MAJOR COLLECTOR)

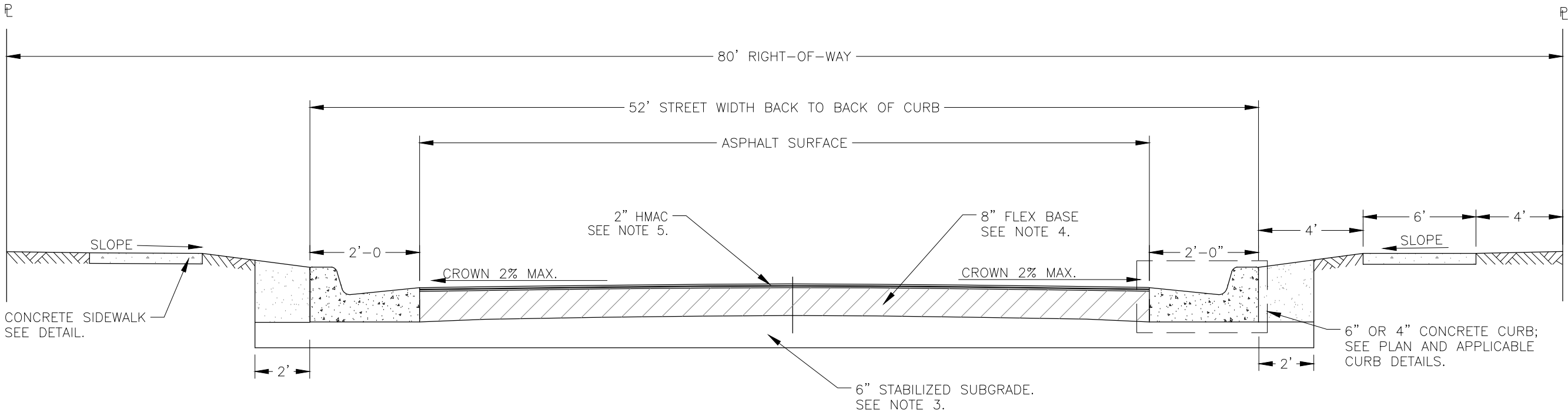
CITY OF CALDWELL
TYPICAL CONCRETE PAVEMENT SECTION
MAJOR COLLECTOR

GENERAL NOTES

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TYPICAL ASPHALT PAVEMENT SECTION
WITH CURB & GUTTER
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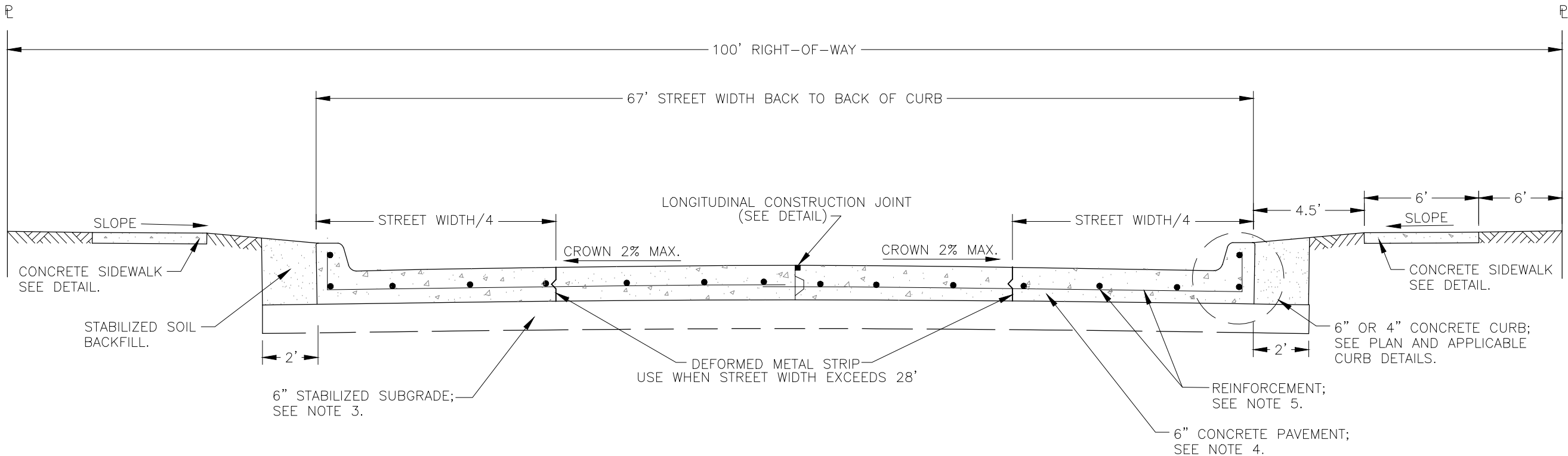
CITY OF CALDWELL
TYPICAL ASPHALT PAVEMENT SECTION
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TYPICAL CONCRETE PAVEMENT SECTION
(MINOR ARTERIAL)

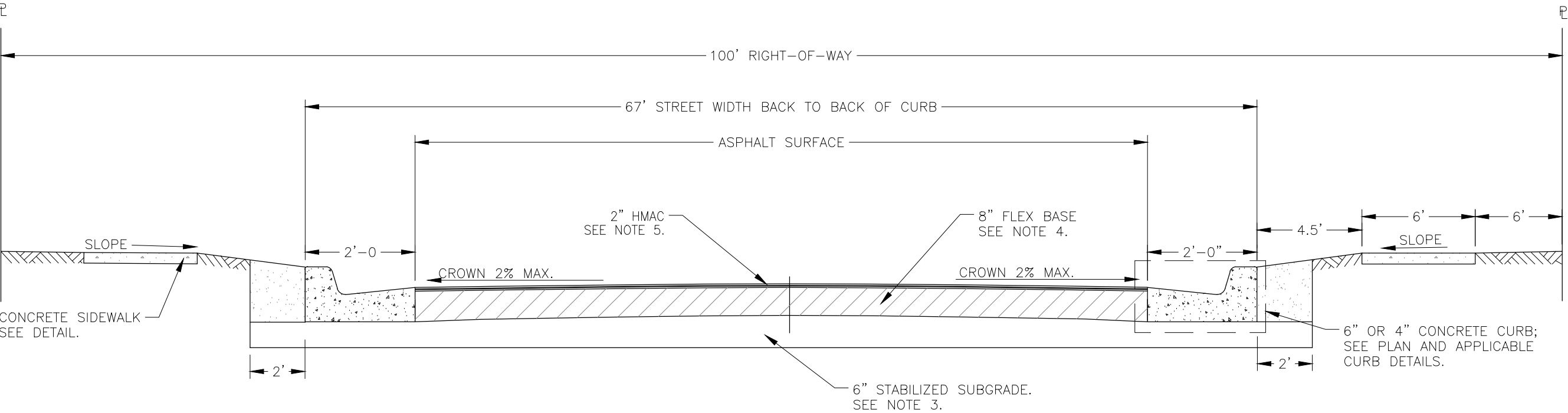
CITY OF CALDWELL
TYPICAL CONCRETE PAVEMENT SECTION
MINOR ARTERIAL

GENERAL NOTES

1. STRIP AND REMOVE ALL VEGETATION, LOOSE TOPSOIL, TREES AND ROOTS WITHIN THE CONSTRUCTION AREA.
2. SUBGRADE FILL: IMPORTED FILL MATERIALS, WHEN REQUIRED TO ACHIEVE FINAL SUBGRADE ELEVATION, SHALL BE CHOSEN THAT EXHIBIT SIMILAR CLASSIFICATION AND PHYSICAL PROPERTIES AS THE ON SITE SOILS. SAMPLES OF THE FILL MATERIAL SHALL BE MADE AVAILABLE TO THE OWNER'S TESTING LABORATORY 7 DAYS PRIOR TO PLACEMENT. SUBGRADE FILL, WHETHER IMPORTED OR EXCAVATED ON-SITE, SHALL BE PLACED IN 6" LOOSE LIFTS AND COMPACTED TO 95% STANDARD PROCTOR (ASTM D698) AT A MOISTURE CONTENT WITHIN -1% DRY & +3% WET OF OPTIMUM.
3. STABILIZED SUBGRADE: 6" MIN. THICKNESS SUBGRADE COMPACTED TO 95% STANDARD PROCTOR. SEE TABLE OF SUBGRADE STABILIZATION REQUIREMENTS. THE DEVELOPER IS REQUIRED TO HIRE A TESTING LABORATORY TO ESTABLISH PROPER SUBGRADE STABILIZATION SPECIFICATIONS. SPECIFICATIONS SHALL BE SUBMITTED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO COMPLETION OF PAVEMENT DESIGN. STABILIZED SUBGRADE SHALL EXTEND A MINIMUM 2' BEHIND THE CURB.
4. 8" MIN. THICKNESS TXDOT TYPE A GRADE 1 FLEXIBLE BASE COMPACTED TO 97% MODIFIED PROCTOR.
5. 2" MIN. TXDOT TYPE D ASPHALTIC CONCRETE PAVEMENT WITH TACK COAT PER TXDOT ITEM 340.

TABLE OF SUBGRADE STABILIZATION REQUIREMENTS

P.I.=PLASTICITY INDEX		
L.L.=LIQUID LIMIT		
IF P.I.>20 AND L.L.≤35, LIME STABILIZE SUBGRADE		
IF P.I.>15 AND L.L.≥36, LIME STABILIZE SUBGRADE		
IF P.I.≤5, CEMENT STABILIZE SUBGRADE		
ACCEPTABLE SOILS OTHER THAN THOSE DEFINED BY THE LIMITS ABOVE DO NOT REQUIRE STABILIZATION.		
PERCENT OF LIME OR CEMENT REQUIRED (BY WEIGHT):		
P.I.	PERCENTAGE REQUIRED	MATERIAL
≤5	5	CEMENT
<25	5	LIME
26 TO 33	6	LIME
34 TO 40	7	LIME
>40	DETERMINE BY ASTM C977	LIME



TYPICAL ASPHALT PAVEMENT SECTION
WITH CURB & GUTTER
(MINOR ARTERIAL)

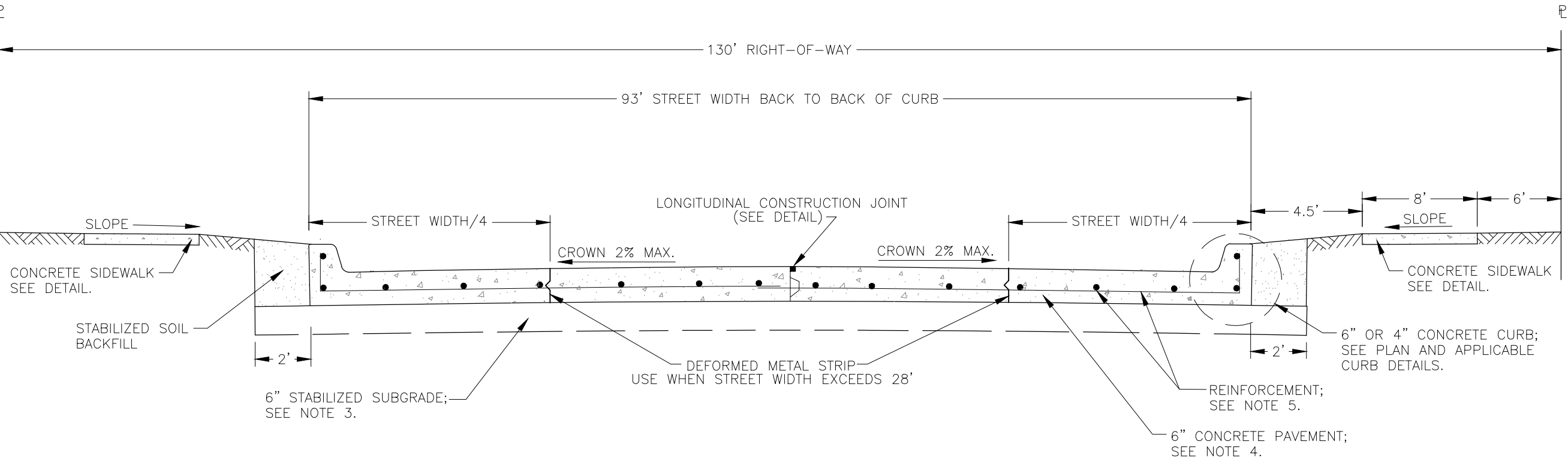
CITY OF CALDWELL
TYPICAL ASPHALT PAVEMENT SECTION
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- 4. CONCRETE SHALL MEET THE REQUIREMENTS OF TXDOT ITEM 421 - HYDRAULIC CEMENT CONCRETE, CLASS P PER TXDOT ITEM 421, TABLE 8. WITH THE FOLLOWING MODIFICATIONS: MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI; TXDOT ITME 421, TABLE 9 REQUIRES FORMED CONCRETE PAVEMENT TO HAVE SLUMP FROM 4 INCHES TO 5.5 INCHES AT THE POINT OF PLACEMENT.
- 5. REINFORCING STEEL SHALL BE A MINIMUM OF #4 BARS @ 18" O.C. TRANSVERSE AND LONGITUDINALLY. GRADE OF REINFORCING STEEL SHALL BE ASTM A615 GRADE 60 IN ACCORDANCE WITH TXDOT ITEM 440.

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TYPICAL CONCRETE PAVEMENT SECTION
(PRINCIPAL ARTERIAL)

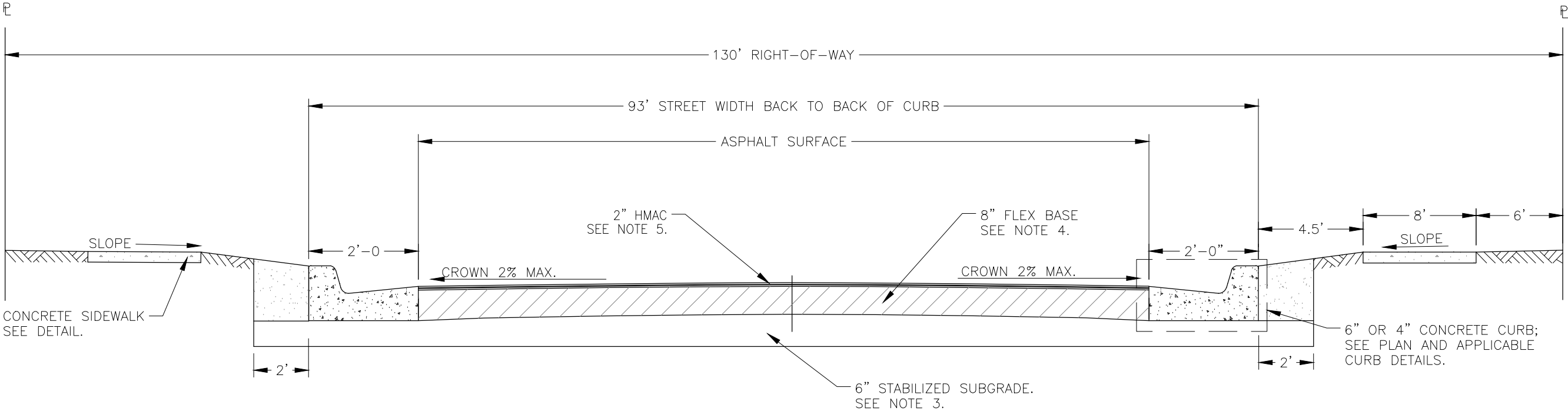
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