

FILE LOCATION: C:\Users\lgaugher\OneDrive - Texas Tech University\TTU Projects\Parkway Lighting\Drawings\TTU Parkway Proposed Lighting-Path Plan.dwg PLOT USER: Naugher, Ld. PLOT DATE: 2022/11/17 11:24:14 AM

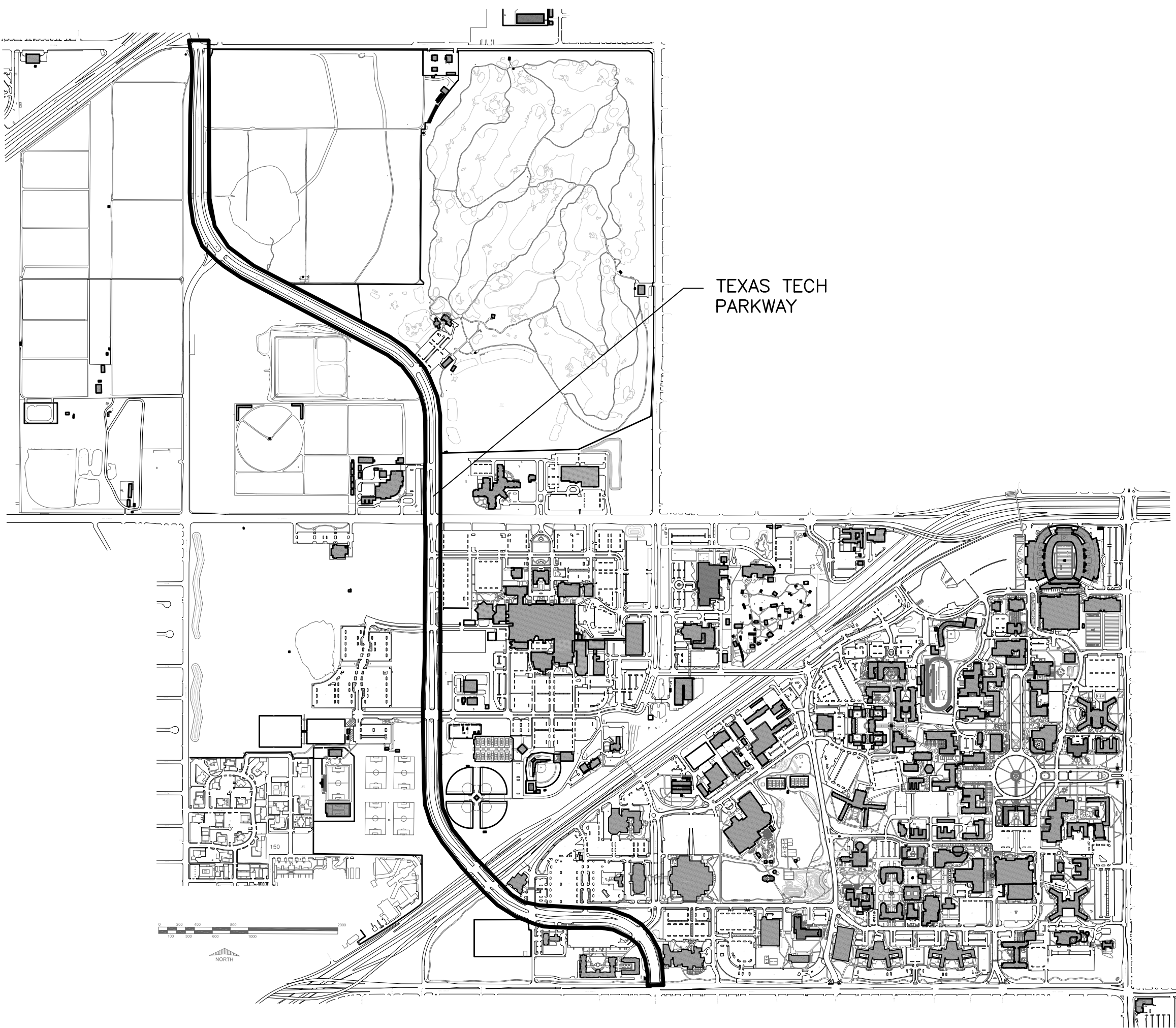
TEXAS TECH UNIVERSITY TEXAS TECH PARKWAY MEDIAN LIGHTING & SHARED-USE PATH

23-24495

NOVEMBER 2022

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PROJECT LOCATION MAP
SCALE: NONE

SCOPE OF WORK

CURRENTLY ALL BUT ONE CONTROLLED INTERSECTION IS LIGHTED WITH 4 POLES AT EACH CORNER. THIS PROJECT PROPOSES TO INSTALL TALL POLE LIGHTING ALONG THE MEDIANS TO SUPPORT THE SAFETY OF VEHICLE TRAFFIC AND TRANSPORTATION ALTERNATIVES ALONG THE PARKWAY. THIS LIGHTING WILL ALSO ILLUMINATE THE EXISTING AND PROPOSED NEW SHARED-USE PATHWAYS. THIS PROJECT ALSO INCLUDES THE INSTALLATION OF NEW SHARED-USE PATHWAYS.

		REVISIONS	
MARK	DATE		REMARKS



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From here, it's possible.



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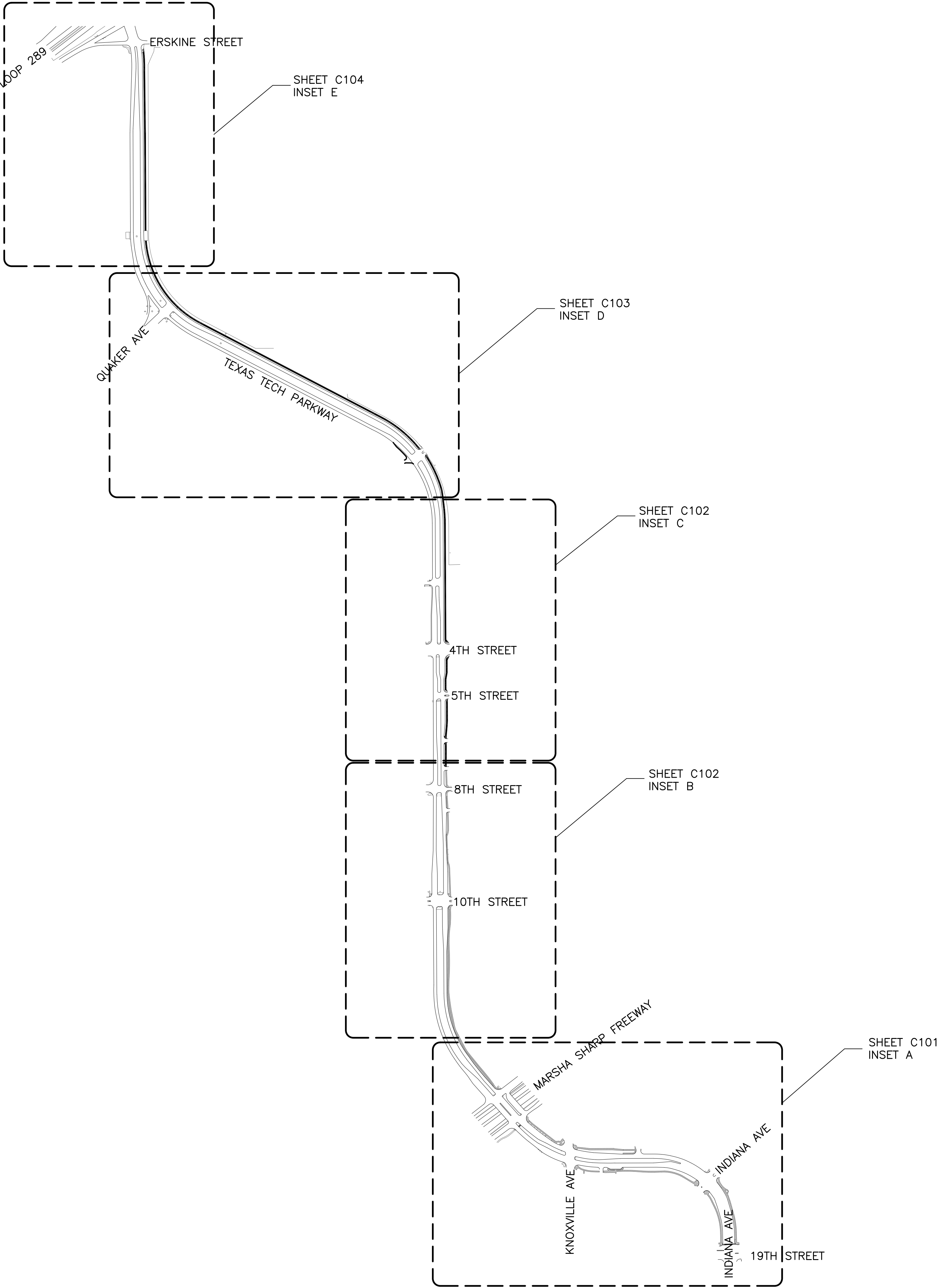
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SET NO.

ESTIMATED MATERIALS SUMMARY

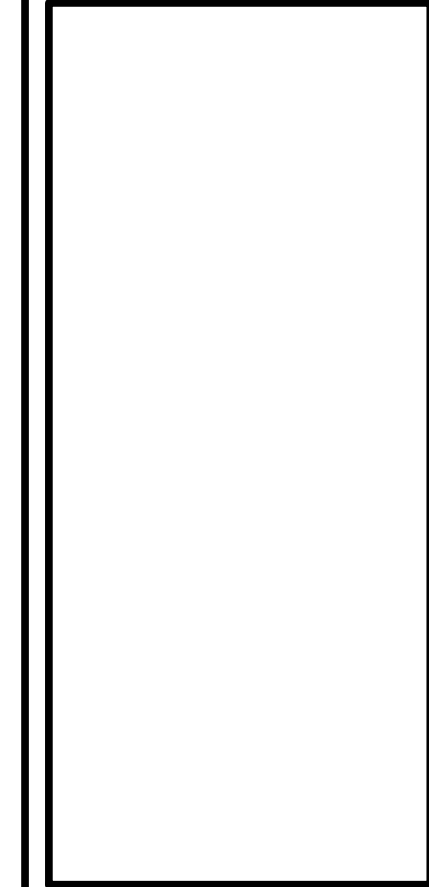
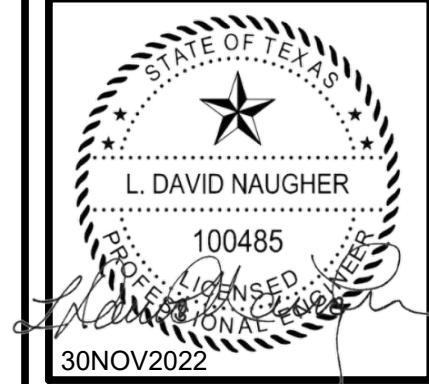
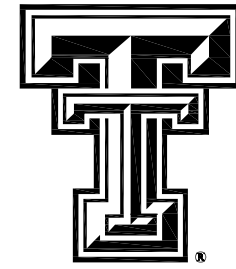
NEW TALL POLES IN MEDIAN: 67
EXISTING TALL POLES: 8
LED LUMINAIRES (2/POLE): 150

NEW SHARED-USE PATHWAY (LF): 7235



INSET KEY MAP

SCALE: NONE



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TEXAS TECH PARKWAY
PROPOSED LIGHTING AND
SHARED-USE PATHWAY

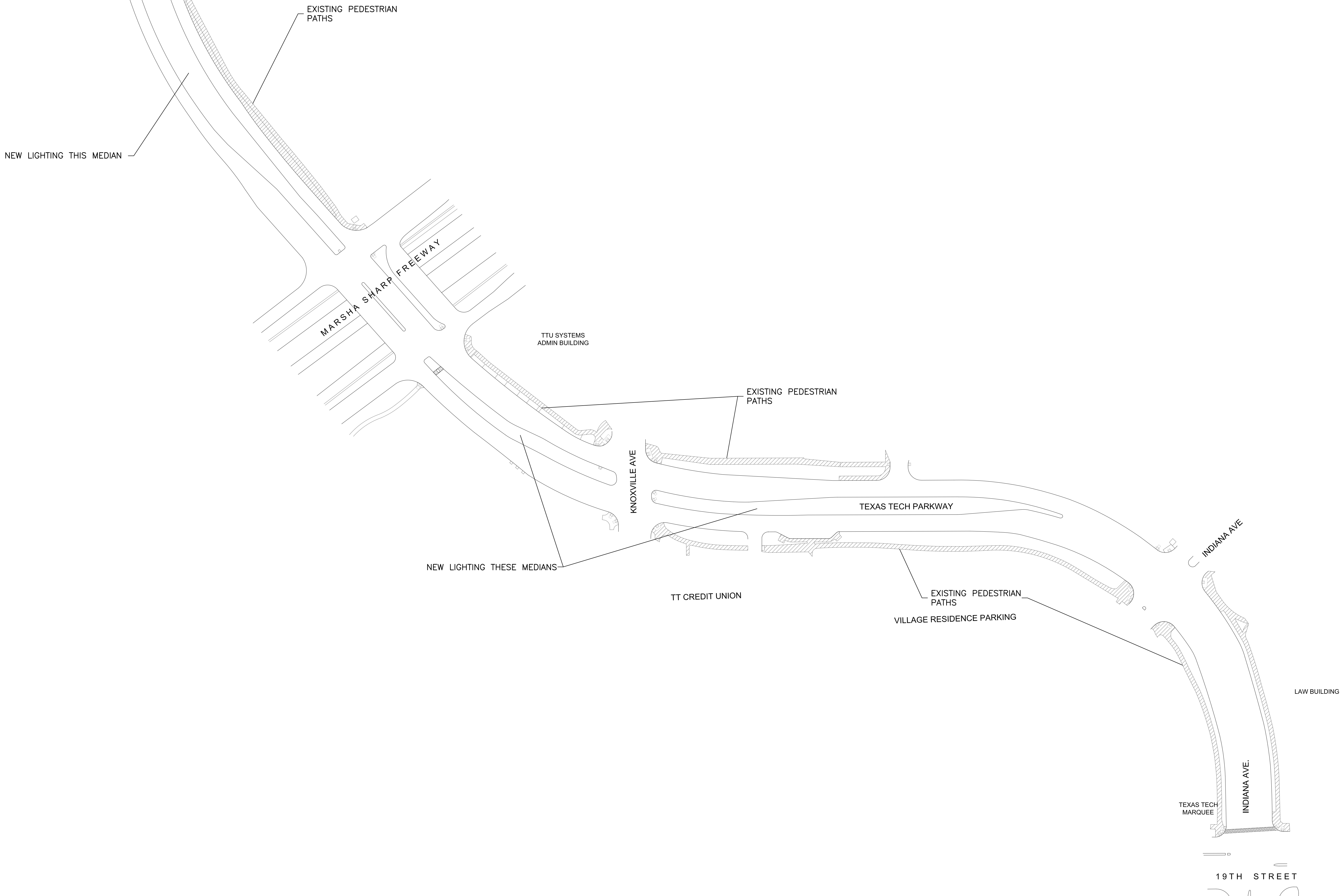
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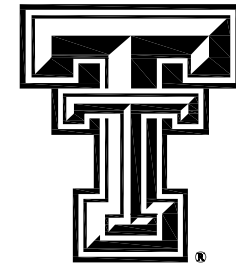
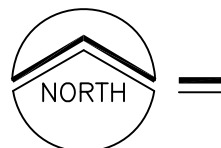
G-101

FILE LOCATION: C:\Users\lgaugher\OneDrive - Texas Tech University\TTU Projects\Parkway Lighting\Drawings\TTU Parkway Proposed Lighting\Path Plan.dwg
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PLOT DATE: 2022/11/17 11:22:55 AM



INSET A

SCALE: 1" = 100'



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PROPOSED LIGHTING AND
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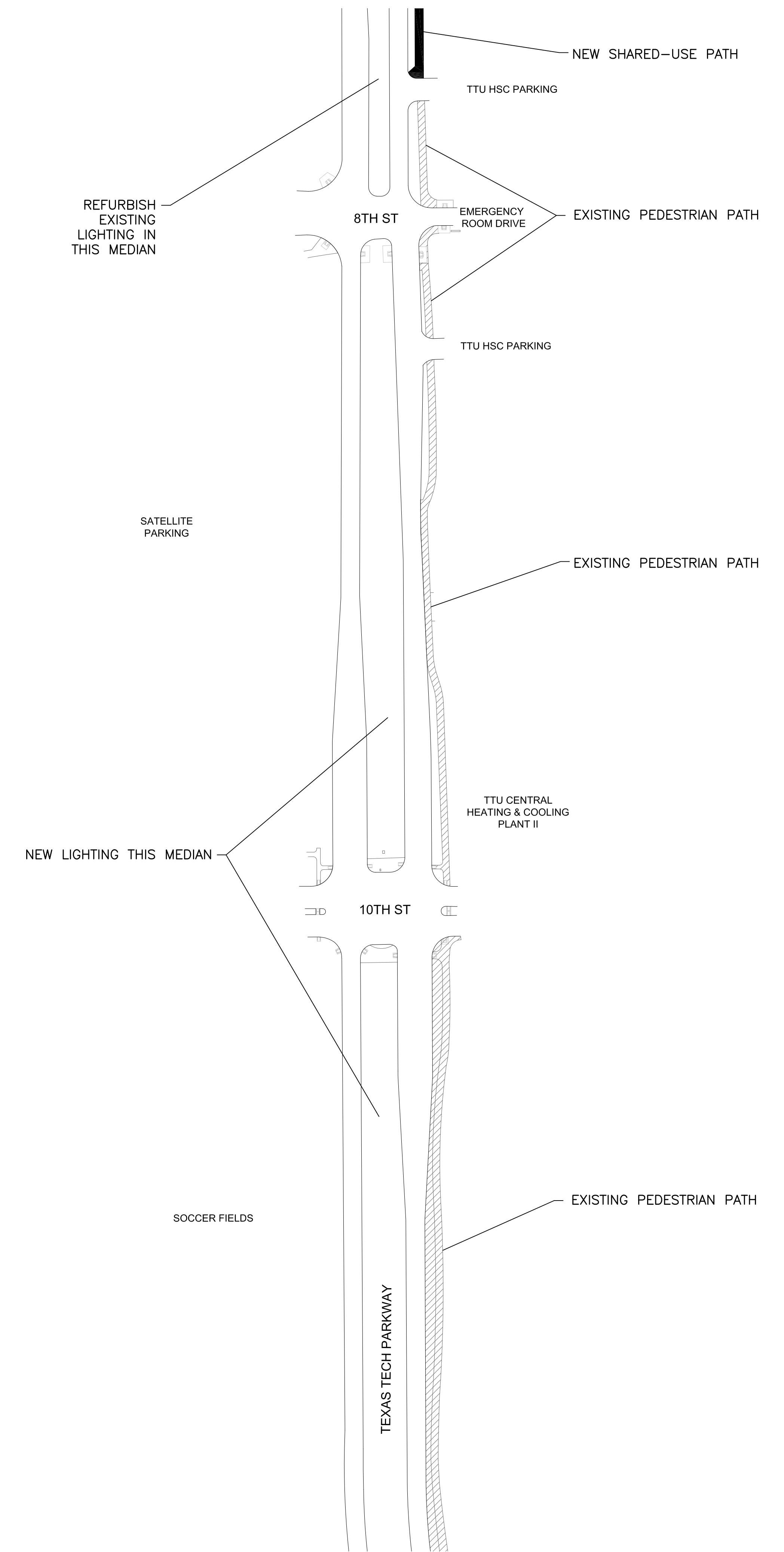
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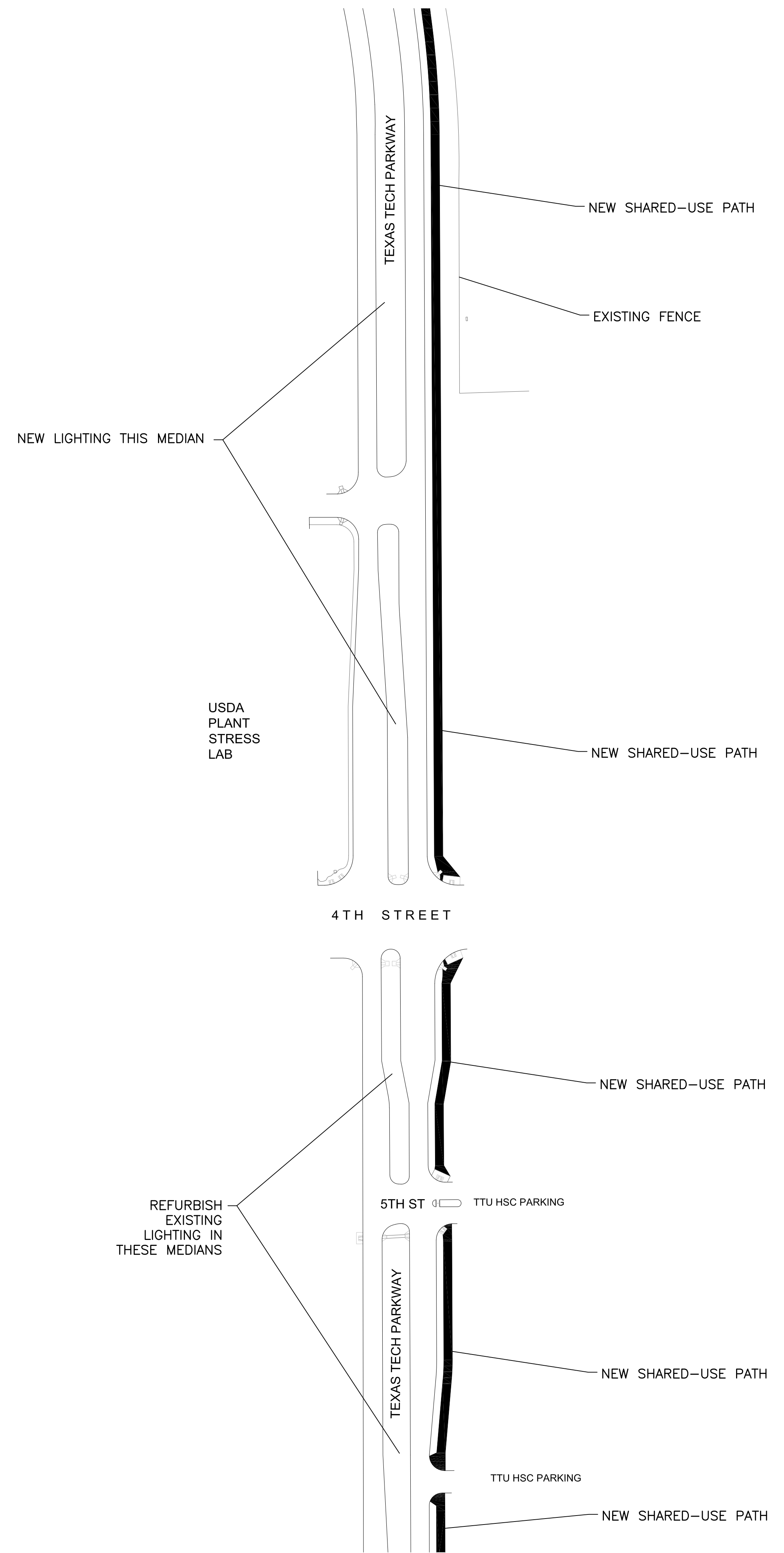
C-101

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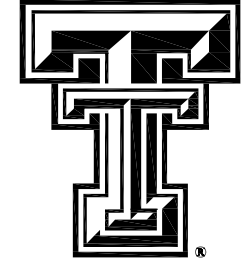
INSET B

SCALE: 1" = 100'



INSET C

SCALE: 1" = 100'



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PROPOSED LIGHTING AND SHARED-USE PATHWAY

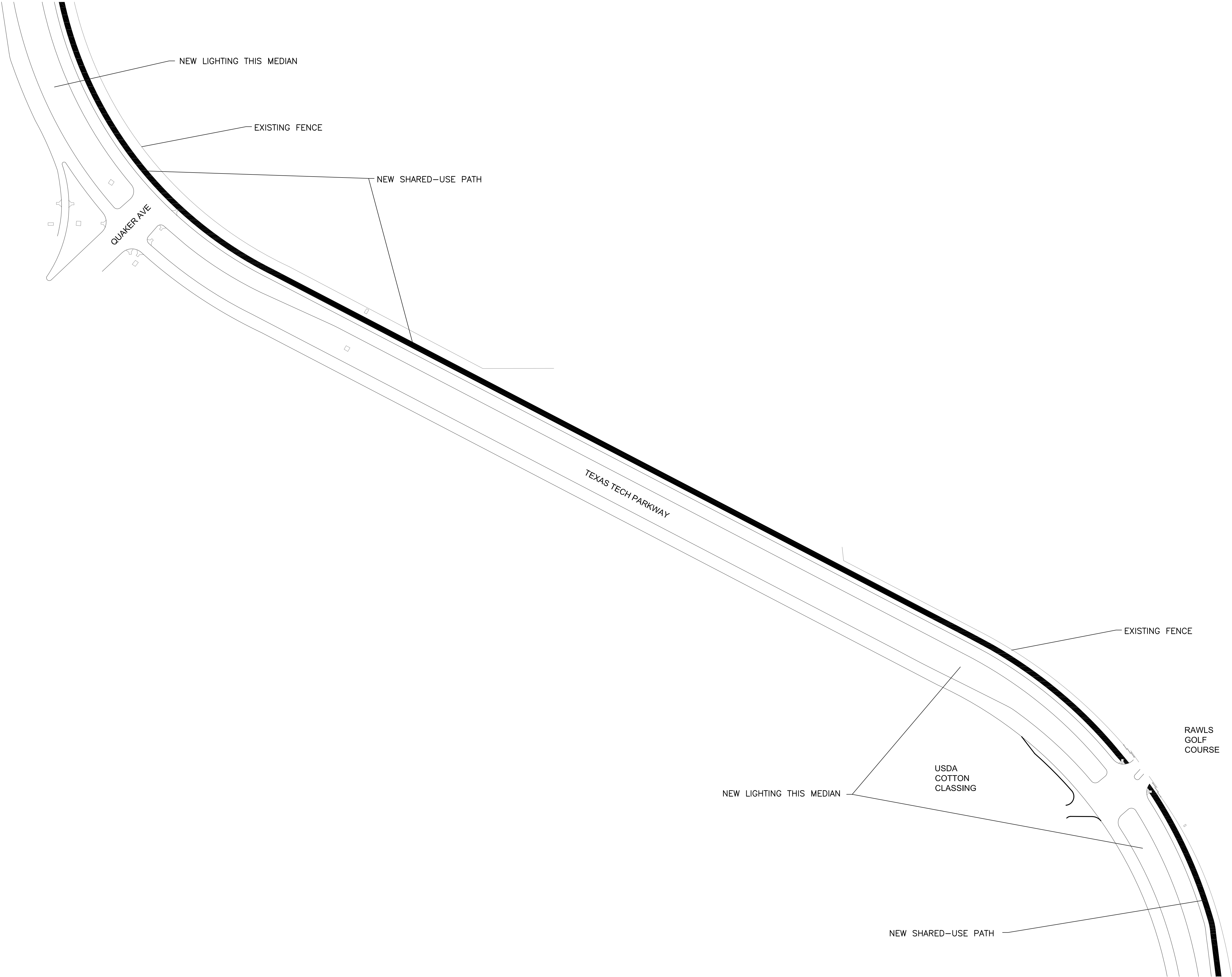
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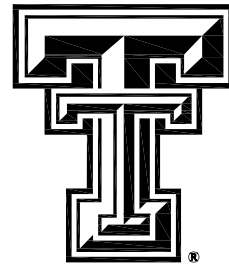
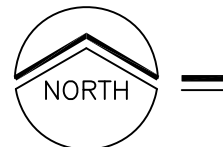
C-102

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PLOT USER: Naugher, L.D.
PLOT DATE: 2022/11/17 11:21:51 AM



INSET D

SCALE: 1" = 100'



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PROPOSED LIGHTING AND
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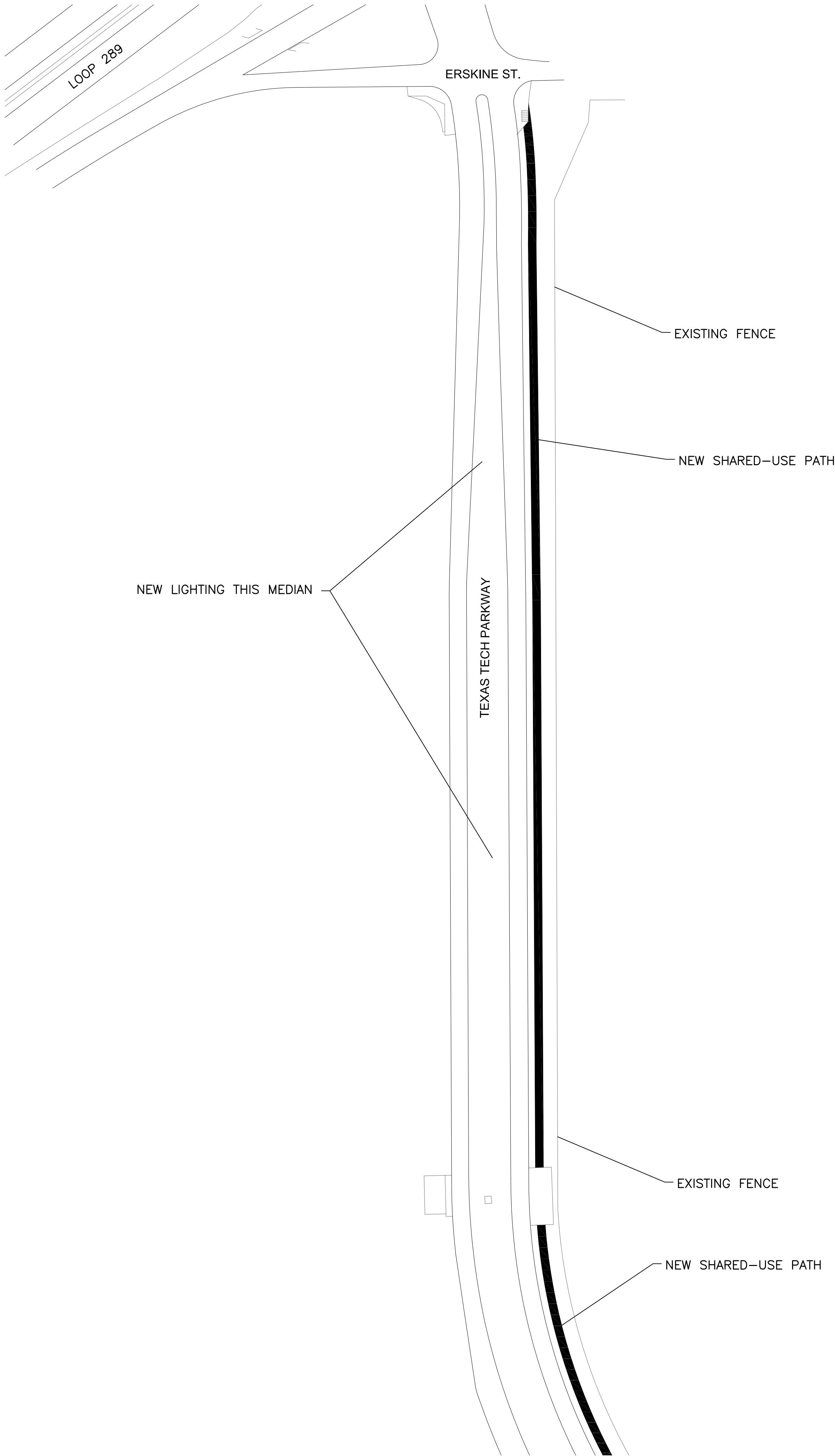
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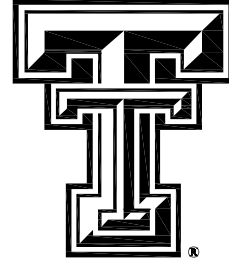
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C-103

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INSET E
SCALE: 1" = 100'



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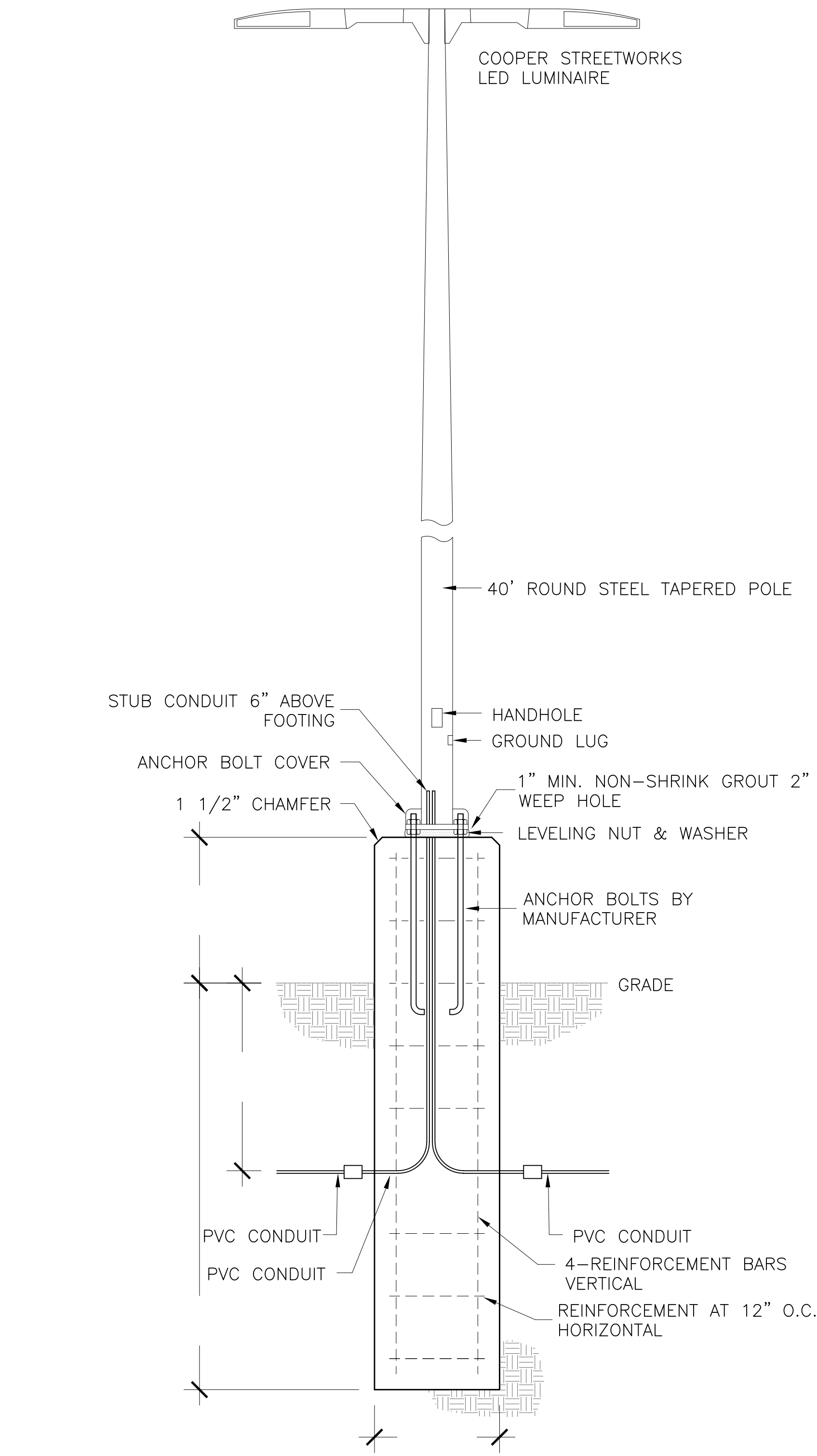
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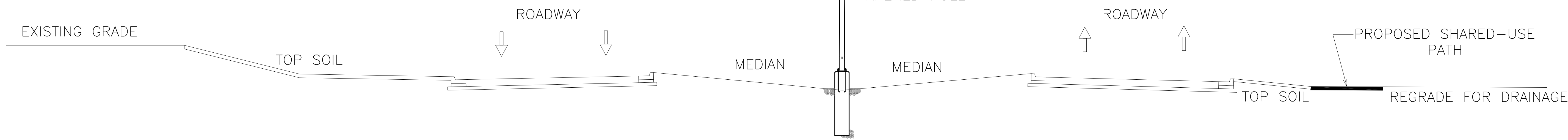
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C-104

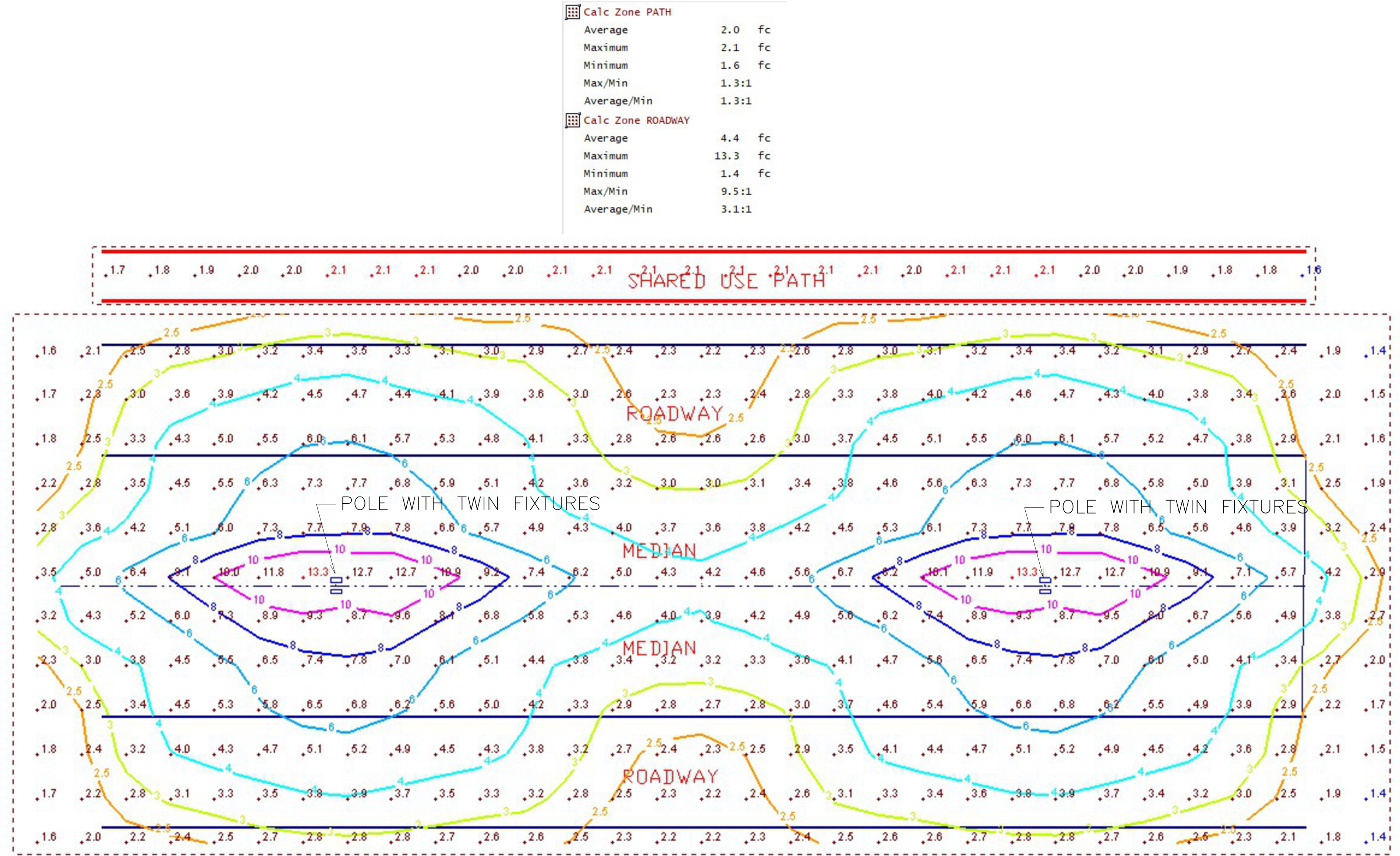
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PLOT USER: Naughe, L.D.
PLOT DATE: 2022/11/30 10:35:09 AM



MEDIAN LIGHTING ELEVATION
SCALE: NONE



ROADWAY / SHARED-USE PATH SECTION
SCALE: NONE



LIGHTING CALCULATIONS (FOOTCANDLES)
SCALE: NONE

Calc Zone PATH		
Average	2.0	fc
Maximum	2.1	fc
Minimum	1.6	fc
Max/Min	1.3:1	
Average/Min	1.3:1	
Calc Zone ROADWAY		
Average	4.4	fc
Maximum	13.3	fc
Minimum	1.4	fc
Max/Min	9.5:1	
Average/Min	3.1:1	

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C-105