CITY OF MADISON

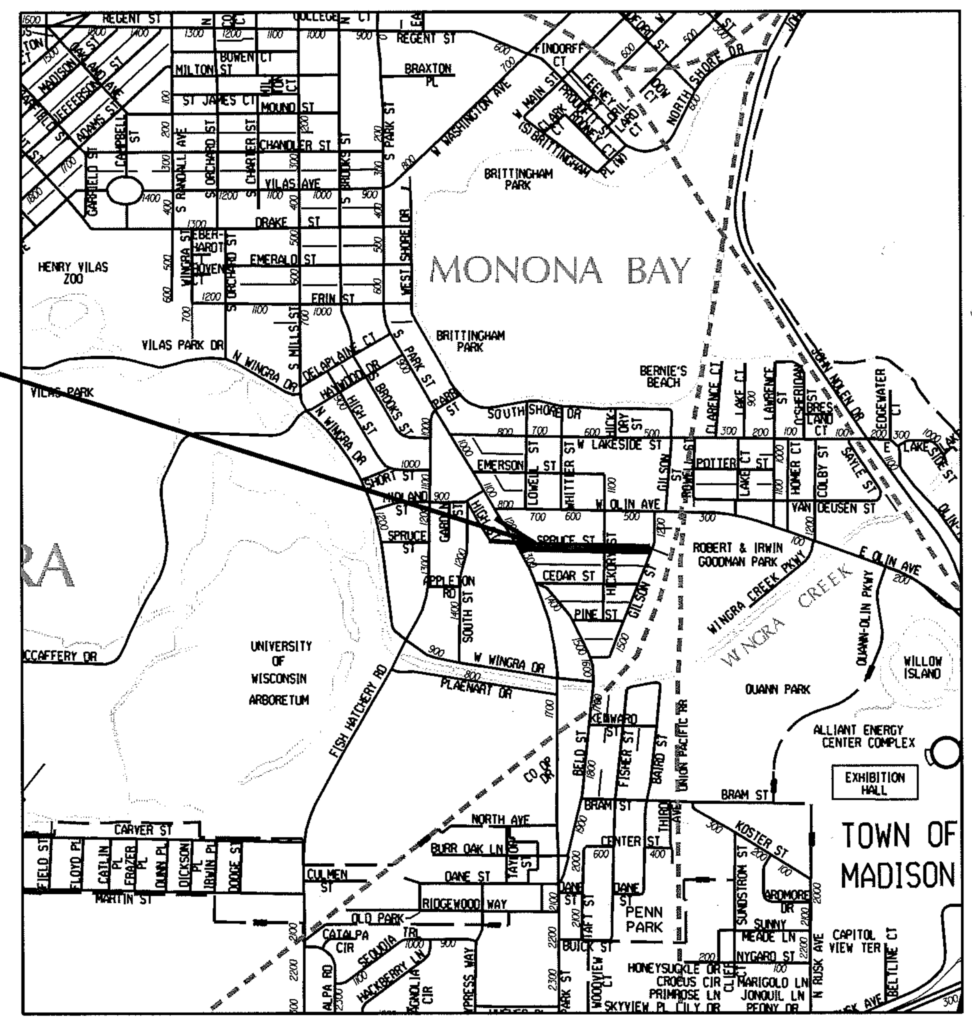
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT
SPRUCE STREET RECONSTRUCTION
ASSESSMENT DISTRICT – 2015

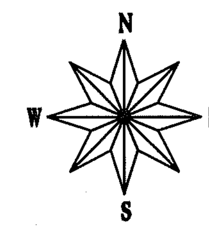
CITY PROJECT NO. 53W1510 (MUNIS #10209)
CONTRACT NO. 7445

Madison, Wisconsin

INDEX OF SHEETS

PROJECT LOCATION





CONVENTIONAL SIGNS	
FIELD VERIFY ALL UTILITY LOCATIONS	
GAS	——— G ———
STORM SEWER	——— ST ———
SANITARY SEWER	——— SAN ———
WATER	——— W ———
OVERHEAD ELECTRIC	——— OH ———
POWER POLE	

NOTES:

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADE OF 0.50% TOWARD STORM SEWER INLETS.

SIDEWALK RAMPS AND CURB THRU SIDEWALK RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12". SIDEWALK AND CURB RAMPS SHALL BE CONSTRUCTED WITH A SIDE SLOPE OF 2.00%. SIDEWALK SHALL HAVE A MINIMUM LONGITUDINAL SLOPE OF 0.50% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%

EARTH WORK SUMMARY:
EXCAVATION CUT (MEASURED PLAN QUANTITY)....................1880 C.Y.
ESTIMATED UNDISTRIBUTED UNDERCUT....................................685 C.Y.
TOTAL UNCLASSIFIED EXCAVATION CUT..................................2565 C.Y.

PUBLIC IMPROVEMENT PROJECT APPROVED

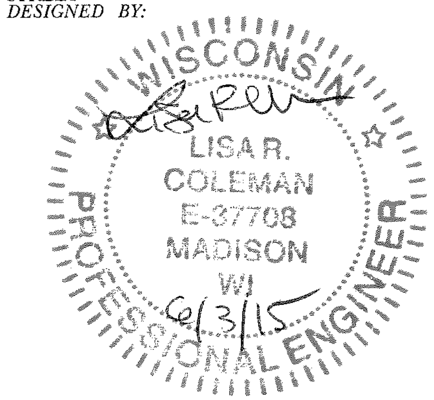
MAY 5, 2015

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

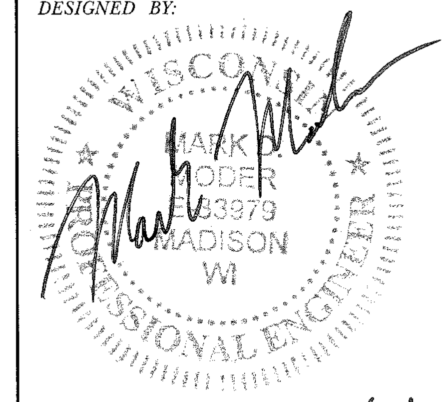
PUBLIC IMPROVEMENT DESIGN APPROVED BY:

City Engineer 6/5/15 Date

STREET DESIGNED BY:

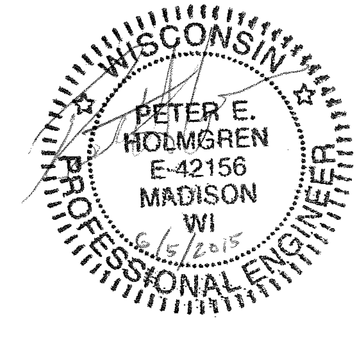


SANITARY SEWER DESIGNED BY:

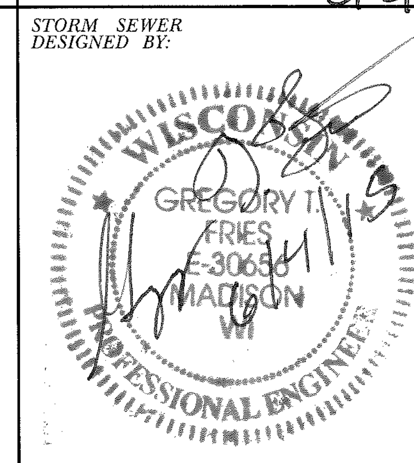


6/5/15

WATER MAIN DESIGNED BY:



STORM SEWER DESIGNED BY:



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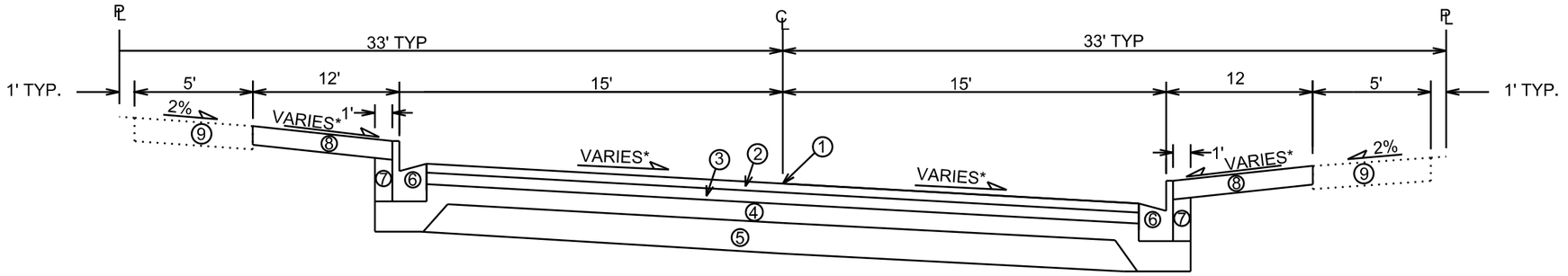
FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-TitleSht.dgn

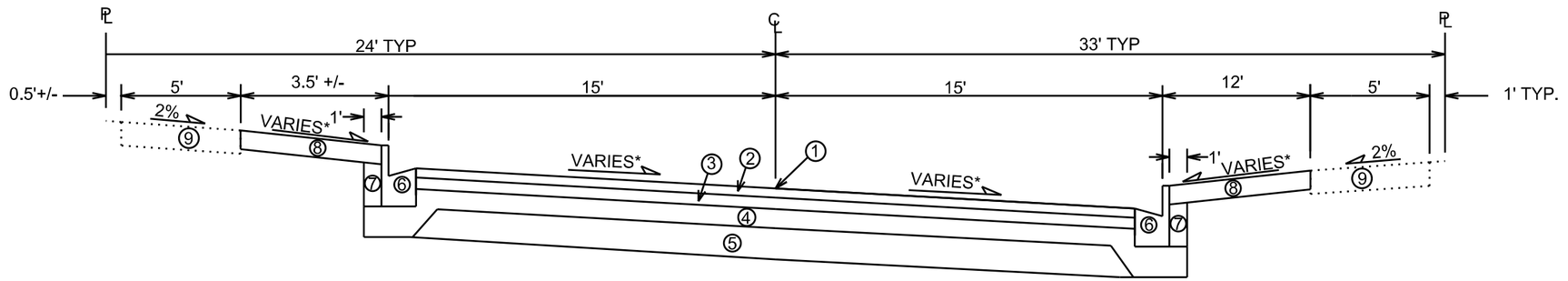
DATE: 6/3/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. D-1
DETAILS	
TYPICAL SECTIONS	CITY OF MADISON



TYPICAL FINISHED SECTION

SPRUCE STREET
STA 2+00 TO 5+41
STA 8+21 TO 14+75



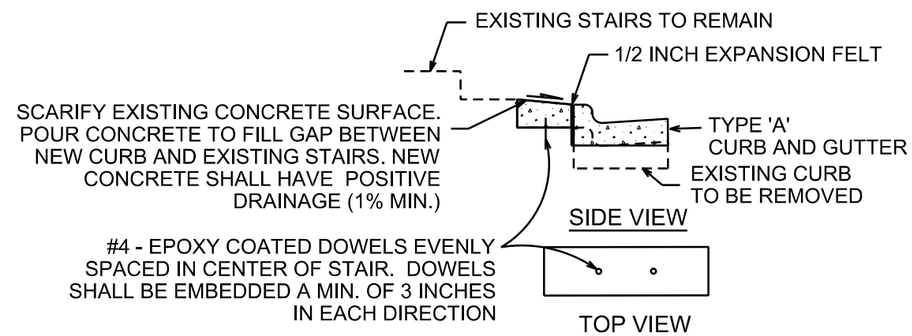
TYPICAL FINISHED SECTION

SPRUCE STREET
STA 5+82 TO 7+66

① POINT REFERRED TO ON PROFILE
② 1.75" BITUMINOUS UPPER LAYER, TYPE E-0.3
③ 1.75" BITUMINOUS LOWER LAYER, TYPE E-0.3
④ 4" GRADATION 2 CRUSHED STONE
⑤ 6" GRADATION 1 CRUSHED STONE
⑥ TYPE 'A' CONCRETE CURB & GUTTER
(USE 4" CURB HEAD STA 6+00 TO 7+27 LEFT SIDE ONLY. ELSEWHERE CURB HEAD IS 6" PER S.S.D 3.06)
⑦ FILL, INCIDENTAL
⑧ 4" TOPSOIL, SEED & MAT
⑨ 5" CONCRETE SIDEWALK, REPLACE AS NOTED ON PLAN

* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.

TYPICAL SECTIONS NOT TO SCALE



REPAIR CONCRETE STEPS

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PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN_Typical Section D-1.dgn DATE: 6/2/2015

SPRUCE STREET ASSM'T DIST 2015 PROJECT NO. 53W1510	SHEET NO. RG1
RAIN GARDENS	
Spruce Street	CITY OF MADISON

ALL GARDEN LIMITS TO BE 1FT OFF SIDEWALK AND BACK OF CURB. SLOPES TO BE 3:1. WORK PER S.D.D. 2.09

0 10 20

SPRUCE STREET

STA 12+30.94, RT 16.50'
865.11

STA 12+33.91, RT 19.50'
864.15

STA 12+34.68, RT 21.94'
864.15

STA 12+30.98, RT 25.74'
865.4

STA 12+48.94, RT 16.49'
865.35

STA 12+45.75, RT 20.04'
864.15

STA 12+48.98, RT 25.67'
865.85

20" 18" 18" 18" 18" 18"

12+00 13+00

0709-264-0305-0
FIS, CHRISTEL M
525 Spruce St

0709-264-0304-2
REED, LOUIS A
521 Spruce St

0709-264-0303-4
RICHARDS, THOMAS L
& KIM E RICHARDS
517 Spruce St

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Storm\Design\53W1510STM-Plan_RG1.dgn DATE: 6/4/2015

ALL GARDEN LIMITS TO BE 1FT OFF SIDEWALK AND BACK OF CURB. SLOPES TO BE 3:1. WORK PER S.D.D. 2.09

SPRUCE STREET ASSM'T DIST 2015 PROJECT NO. 53W1510	SHEET NO. RG2
RAIN GARDENS	
Spruce Street	CITY OF MADISON

0 10 20

9+00

10+00

8' SECTION HAND POURED CURB

2' CONCRETE FLUME

6-IN C.I. (1927)

6"

STA 9+09.69, RT 16.75'
862.29 @ CL

STA 9+12.76, RT 19.74'
861.14'

STA 9+13.95, RT 22.31'
861.14'

STA 9+09.89, RT 25.34'
862.29 @ CL

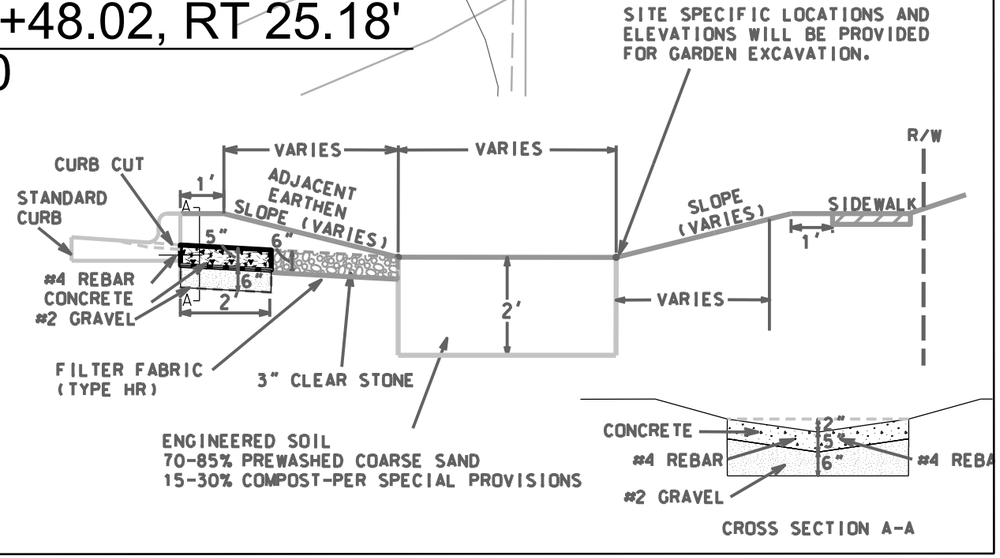
STA 9+47.92, RT 16.79'
862.10

STA 9+45.56, RT 18.90'
861.14

STA 9+44.66, RT 21.93'
861.14

STA 9+48.02, RT 25.18'
862.10

0709-264-0401-6
ST MARKS EVAN LUTHERAN CHURCH
605 Spruce St



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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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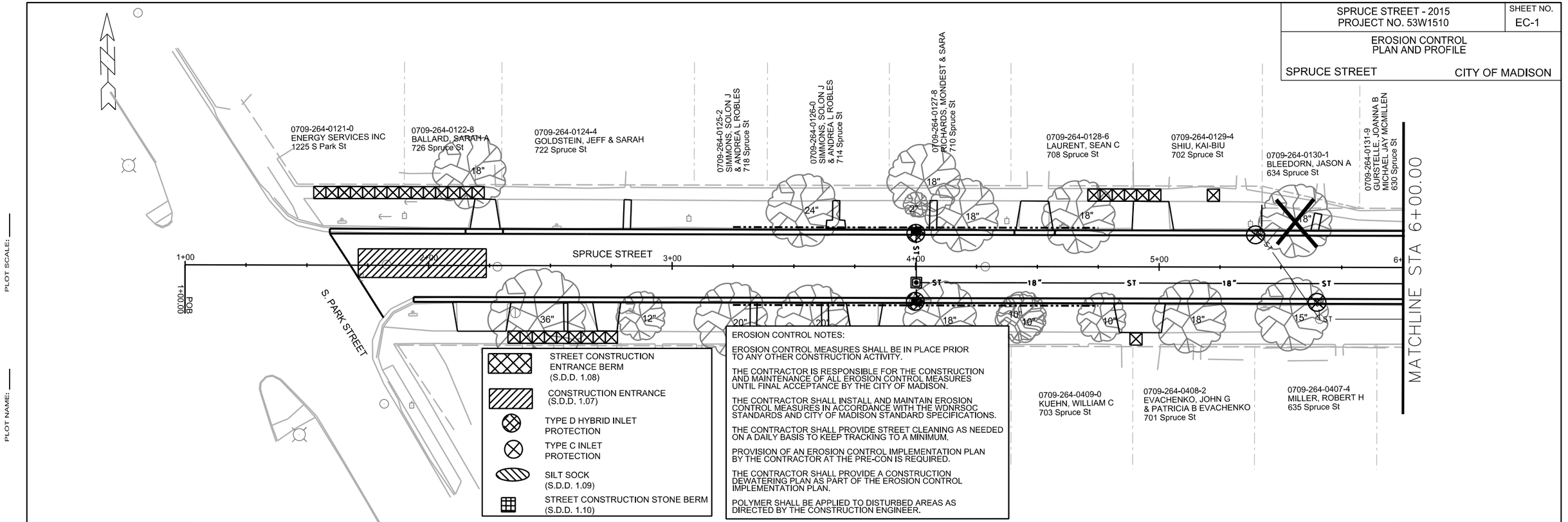
DATE: 5/3/2016

SPRUCE STREET - 2015 PROJECT NO. 53W1510	SHEET NO. EC-1
EROSION CONTROL PLAN AND PROFILE	
SPRUCE STREET	CITY OF MADISON



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PLOT NAME: ——

REV. DATE: ——

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Storm\EC\53W1510SAN-PnPEC1.dgn

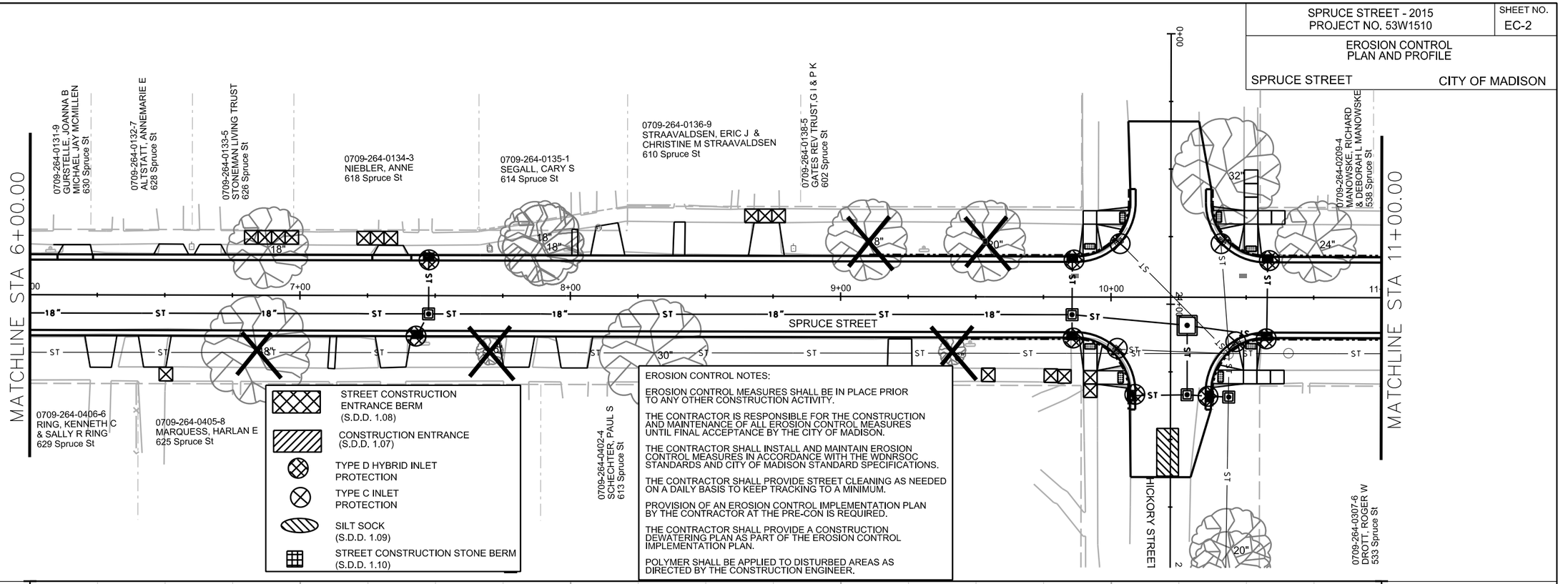
DATE: 6/4/2015

SPRUCE STREET - 2015
PROJECT NO. 53W1510

SHEET NO.
EC-2

EROSION CONTROL
PLAN AND PROFILE

SPRUCE STREET — CITY OF MADISON



EROSION CONTROL NOTES:

EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.

THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON.

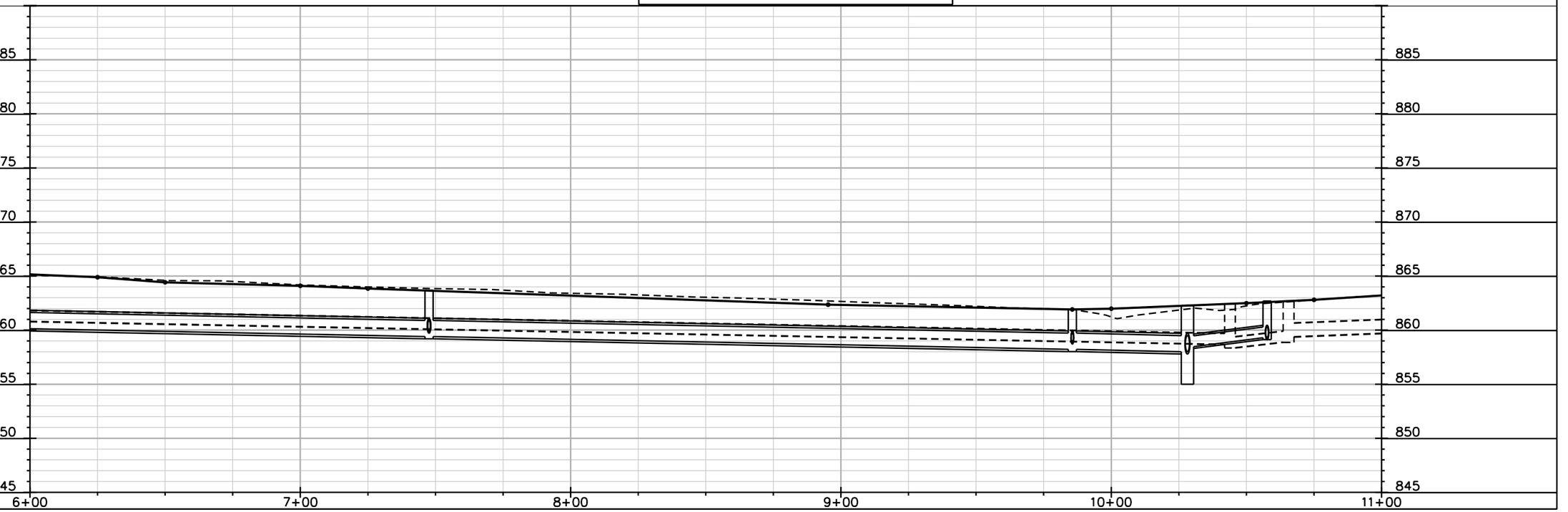
THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH THE WDNRSOC STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL PROVIDE STREET CLEANING AS NEEDED ON A DAILY BASIS TO KEEP TRACKING TO A MINIMUM.

PROVISION OF AN EROSION CONTROL IMPLEMENTATION PLAN BY THE CONTRACTOR AT THE PRE-CON IS REQUIRED.

THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION DEWATERING PLAN AS PART OF THE EROSION CONTROL IMPLEMENTATION PLAN.

POLYMER SHALL BE APPLIED TO DISTURBED AREAS AS DIRECTED BY THE CONSTRUCTION ENGINEER.



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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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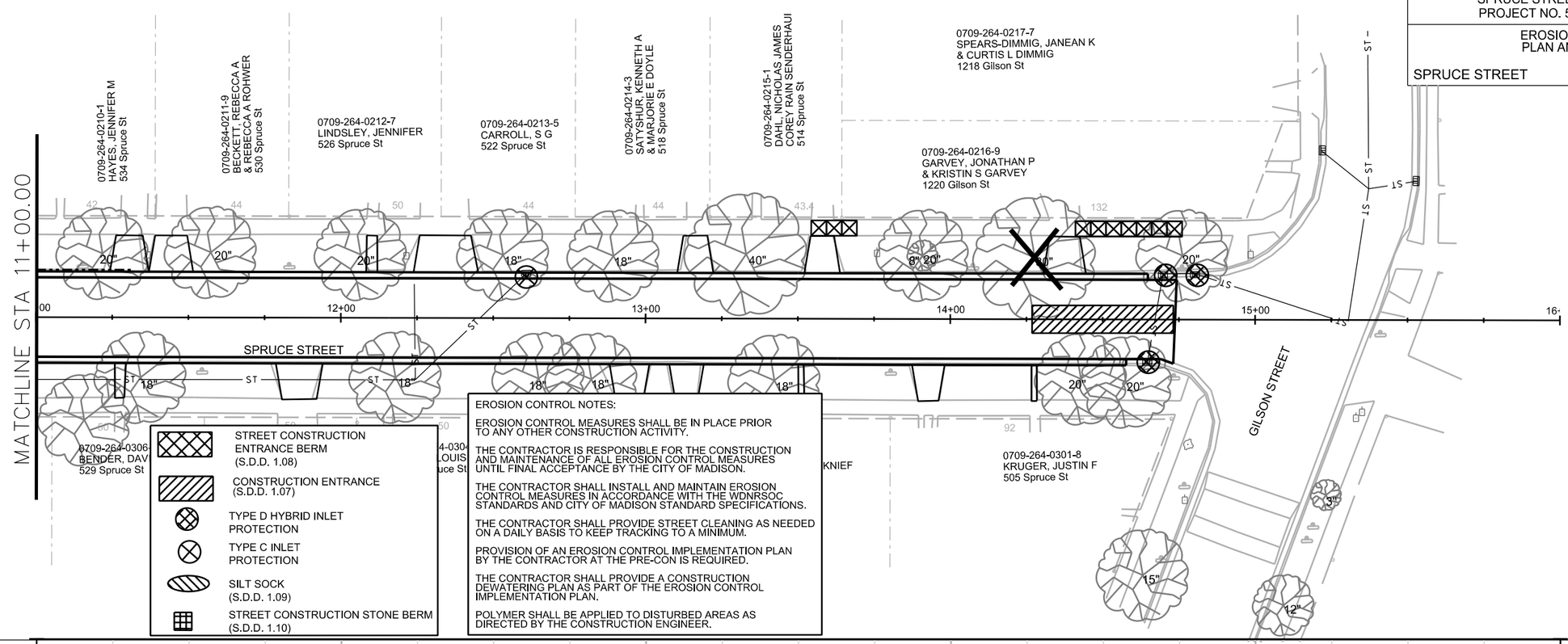
DATE: 6/4/2015

SPRUCE STREET - 2015
PROJECT NO. 53W1510

SHEET NO.
EC-3

EROSION CONTROL
PLAN AND PROFILE

SPRUCE STREET — CITY OF MADISON



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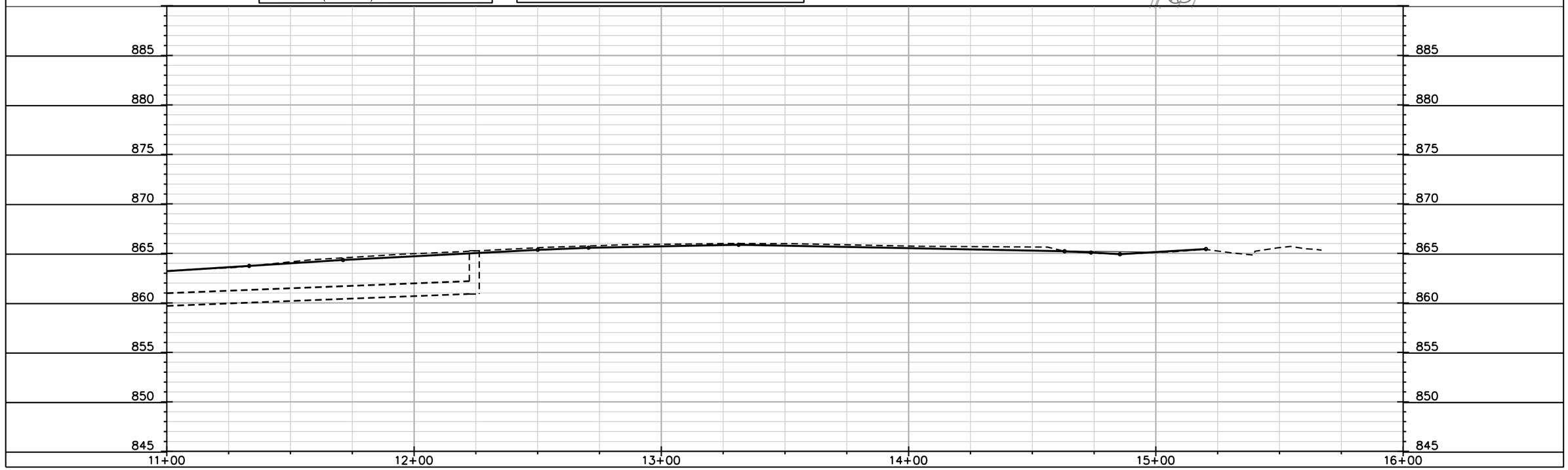

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REV. DATE: ____
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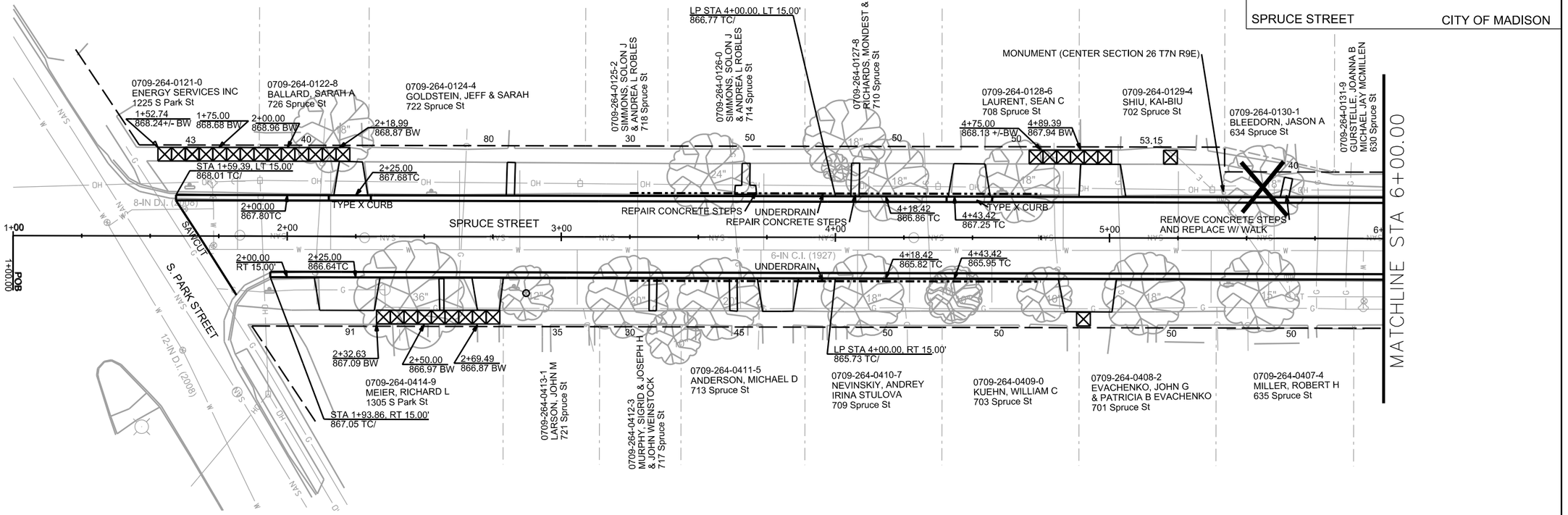
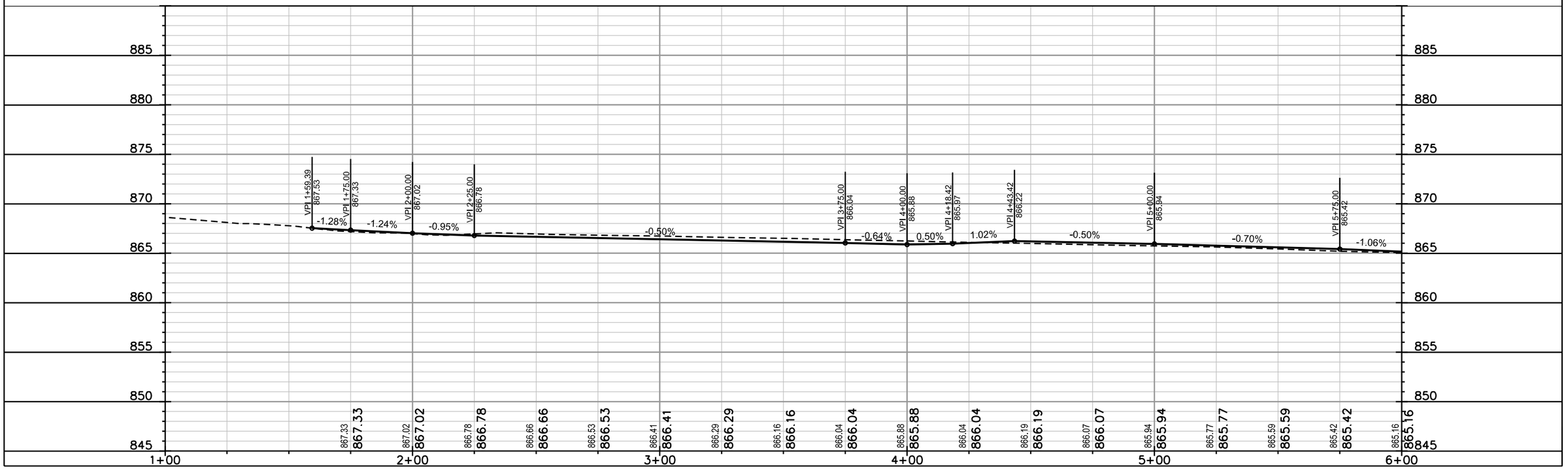
DATE: 6/4/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. P-1
PLAN AND PROFILE	
SPRUCE STREET	CITY OF MADISON





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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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DATE: 6/4/2015

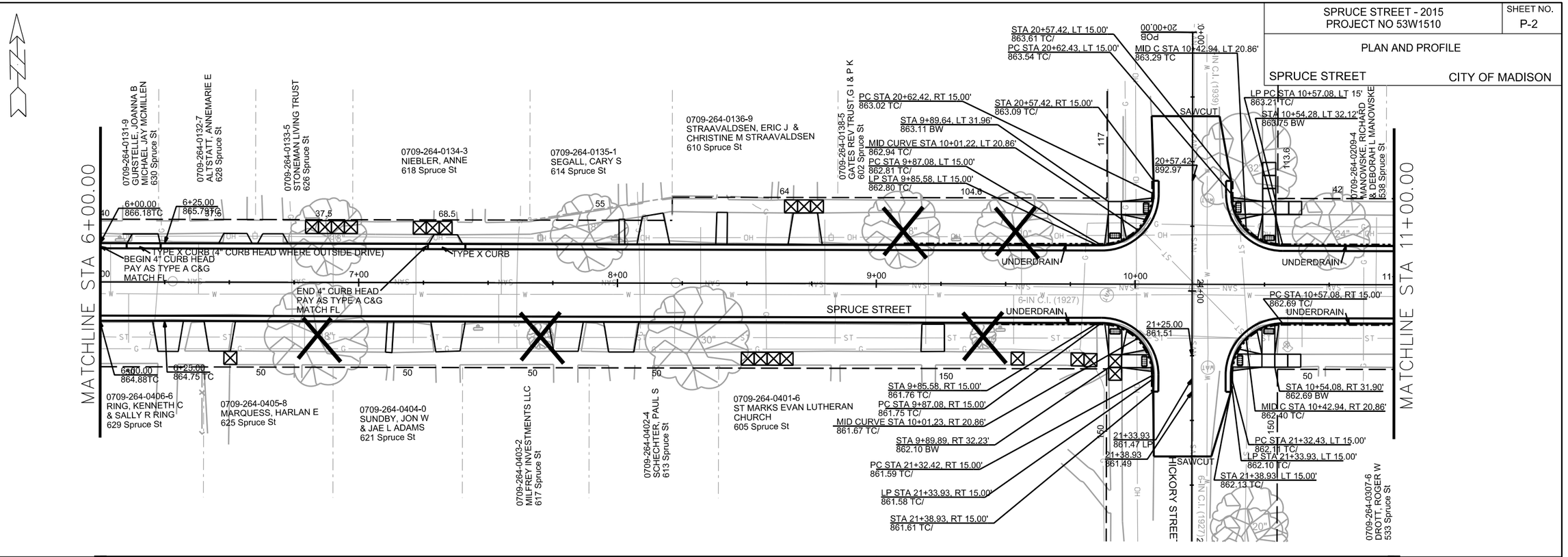
SPRUCE STREET - 2015
PROJECT NO 53W1510

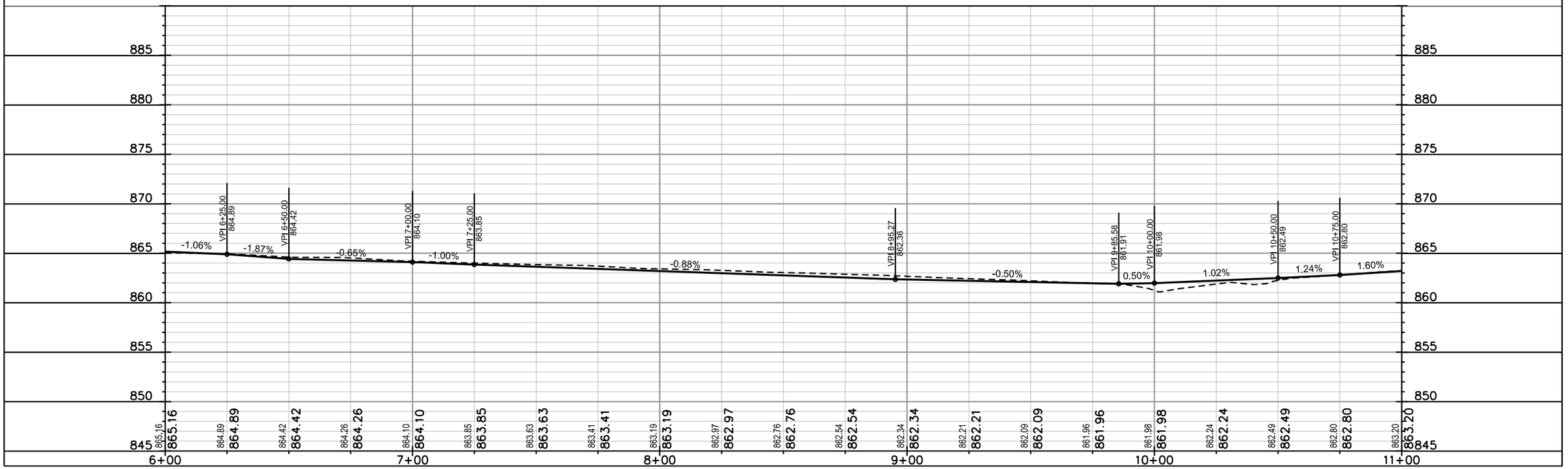
SHEET NO.
P-2

PLAN AND PROFILE

SPRUCE STREET

CITY OF MADISON





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DATE: 6/4/2015

SPRUCE STREET - 2015
PROJECT NO 53W1510

SHEET NO.
P-3

PLAN AND PROFILE

SPRUCE STREET — CITY OF MADISON

MATCHLINE STA 11+00.00

0709-264-0210-1
HAYES, JENNIFER M
534 Spruce St

0709-264-0211-9
BECKETT, REBECCA A
& REBECCA A ROHWER
530 Spruce St

0709-264-0212-7
LINDSLEY, JENNIFER
526 Spruce St

0709-264-0213-5
CARROLL, S G
522 Spruce St

0709-264-0214-3
SATYSHUR, KENNETH A
& MARJORIE E DOYLE
518 Spruce St

0709-264-0215-1
DAHL, NICHOLAS JAMES
COREY RAIN SENDERHAUF
514 Spruce St

0709-264-0216-9
GARVEY, JONATHAN P
& KRISTIN S GARVEY
1220 Gilson St

0709-264-0217-7
SPEARS-DIMMIG, JANEAN K
& CURTIS L DIMMIG
1218 Gilson St

0709-264-0306-8
BENDER, DAVID C
529 Spruce St

0709-264-0305-0
FIS, CHRISTEL M
525 Spruce St

0709-264-0304-2
REED, LOUIS A
521 Spruce St

0709-264-0303-4
RICHARDS, THOMAS L
& KIM E RICHARDS
517 Spruce St

0709-264-0302-6
DURST, ANNE
& CHRISTOPHER KNIEF
513 Spruce St

0709-264-0301-8
KRUGER, JUSTIN F
505 Spruce St

6-IN C.I. SERVICE

UNDERDRAIN

SPRUCE STREET

6-IN C.I. (1927)

HP STA 13+31.24, LT 15.00'
866.51 TC/

HP STA 13+31.24, RT 15.00'
865.99 TC/

STA 14+64.83, LT 15.00'
865.82 TC MATCH EX.
14+50.00
866.70 BW

14+75.00
866.40 +/- BW

STA 14+57.73, RT 15.00'
865.36 TC MATCH EX.

8-IN D.I. (2006)

10-IN D.I. (2006)

GILSON STREET

VPI 11+33.30 863.74
VPI 11+71.26 864.33
VPI 12+50.00 865.36
VPI 12+70.55 865.57
VPI 13+31.24 865.87
VPI 14+63.09 865.21
VPI 14+73.76 865.08
VPI 14+85.48 864.92
VPI 15+20.26 865.43

1.60% 1.56% 1.31% 1.02% 0.50% -0.50% -1.23% -1.43% 1.49%

863.20 863.60 863.60 864.00 864.00 864.38 864.38 864.71 864.71 865.03 865.03 865.36 865.36 865.59 865.59 865.72 865.72 865.84 865.84 865.78 865.78 865.65 865.65 865.53 865.53 865.40 865.40 865.28 865.28 865.07 865.07 865.13 865.13

885 880 875 870 865 860 855 850 845

11+00 12+00 13+00 14+00 15+00 16+00

PLOT SCALE: ——
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DATE: 6/4/2015

SPRUCE STREET - 2015
PROJECT NO. 53W1510

SHEET NO.
U-1

UTILITIES
PLAN AND PROFILE

SPRUCE STREET — CITY OF MADISON

REVISED 6/16/15 EEA

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)

EX SAS
4858-035
RIM= 867.81
EI= 855.81

EX SAS
4859-023
RIM= 866.38
EI= 853.41

EX 8" PVC SAN

CONFIRM IF ACTIVE

S. PARK STREET

SPRUCE STREET

POB 1+00.00

MATCHLINE STA 6+00.00

0709-264-0121-0
ENERGY SERVICES INC
1225 S Park St

0709-264-0122-8
BALLARD, SARAH A
726 Spruce St

0709-264-0124-4
GOLDSTEIN, JEFF & SARAH
722 Spruce St

0709-264-0125-2
SIMMONS, SOLON J
& ANDREA L ROBLES
718 Spruce St

0709-264-0126-0
SIMMONS, SOLON J
& ANDREA L ROBLES
714 Spruce St

0709-264-0127-8
RICHARDS, MONDEST & SARA
710 Spruce St

0709-264-0128-6
LAURENT, SEAN C
708 Spruce St

0709-264-0129-4
SHIU, KAI-BIU
702 Spruce St

0709-264-0130-1
BLEEDORN, JASON A
634 Spruce St

0709-264-0131-9
GURSTELLE, JOANNA B
MICHAEL JAY MCMILLEN
630 Spruce St

0709-264-0414-9
MEIER, RICHARD L
1305 S Park St

0709-264-0413-1
LARSON, JOHN M
721 Spruce St

0709-264-0412-3
MURPHY, SIGRID & JOSEPH H
& JOHN WEINSTOCK
717 Spruce St

0709-264-0411-5
ANDERSON, MICHAEL D
713 Spruce St

0709-264-0410-7
NEVINSKIY, ANDREY
IRINA STULOVA
709 Spruce St

0709-264-0409-0
KUEHN, WILLIAM C
703 Spruce St

0709-264-0408-2
EVACHENKO, JOHN G
& PATRICIA B EVACHENKO
701 Spruce St

0709-264-0407-4
MILLER, ROBERT H
635 Spruce St

REMOVE EX SAS 4859-007

REMOVE EX 5" VP SAN

REMOVE EX SAS 4859-008

REMOVE EX 6" VP SAN

414'-8" PVC @ 0.40%

REMOVE EX SAS 4859-009

REMOVE EX 6" VP SAN

SAS#3

SAS#2

PLUG

S-5A

S-5B

S-5

P-5

P-5A

P-4

RI-1

RP-1

RI-2

ABP-1

ABP-2

AS-1

1+00

2+00

3+00

4+00

5+00

6+00

890
885
880
875
870
865
860
855
850

REMOVE
EX SAS
4859-007
STA 1'SS'+82.74 RT 0'
RIM = 867.40
EI = 863.00

REMOVE
EX SAS
4859-008
STA 2'SS'+28.25 RT 0'
RIM = 867.13
EI = 859.75 (E)
EI = 860.63 (W)
EI = 860.03 (S) - LATERAL ABANDONED ?
EI = 859.79 (N) - LATERAL ACTIVE

REMOVE
EX SAS
4859-009
STA 4'SS'+28.61 RT 0'
RIM = 866.04
EI = 858.98 (E)
EI = 859.01 (W)
EI = 859.06 (S) - LATERAL ACTIVE
EI = 859.09 (N) - LATERAL ACTIVE

REMOVE EX 5" VP SAN

PROPOSED WATER-SEE WATER UTILITY SHEETS

REMOVE EX 6" VP SAN

414'-8" PVC @ 0.40%

REMOVE EX 6" VP SAN

SAS #3
STA 1'SS'+85.63 RT 0'
RIM = 867.20
EI = 858.93

SAS #2
STA 5'SS'+99.52 RT 0'
RIM = 865.16
EI = 857.17 (E)
EI = 857.27 (W)

PLOT SCALE: ——
PLOT NAME: ——
REV. DATE: ——
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Sanitary\Design\53W1510SAN-PnPSS1.dgn

DATE: 6/16/2015

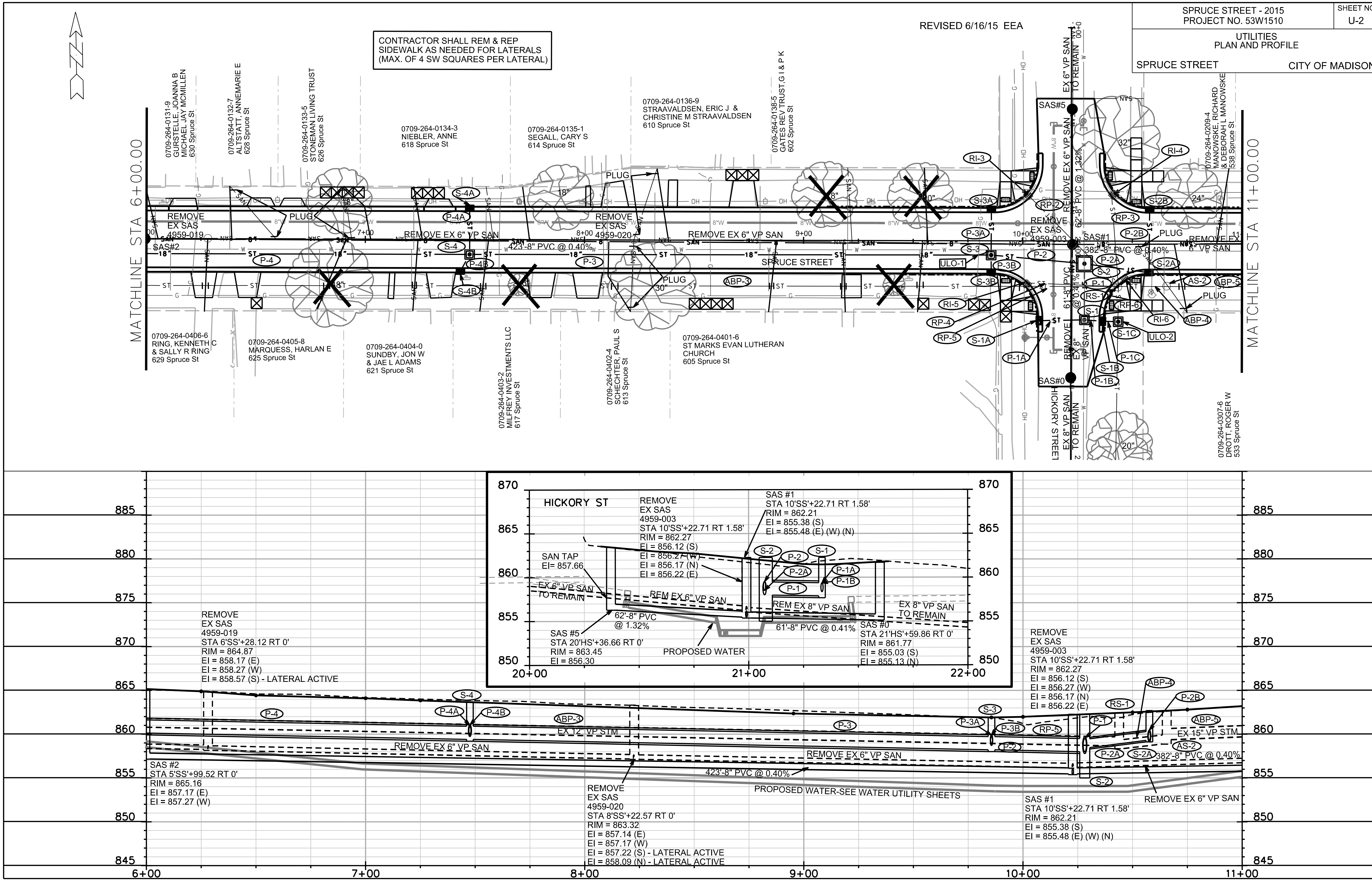
SPRUCE STREET - 2015
PROJECT NO. 53W1510

SHEET NO. U-2

UTILITIES
PLAN AND PROFILE

SPRUCE STREET — CITY OF MADISON

REVISED 6/16/15 EEA



CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)
MATCHLINE STA 6+00.00
MATCHLINE STA 11+00.00
0709-264-0131-9 GURSTELLE, JOANNA B MICHAEL JAY MCMILLEN 630 Spruce St
0709-264-0132-7 ALTSTATT, ANNEMARIE E 628 Spruce St
0709-264-0133-5 STONEMAN LIVING TRUST 626 Spruce St
0709-264-0134-3 NIEBLER, ANNE 618 Spruce St
0709-264-0135-1 SEGALL, CARY S 614 Spruce St
0709-264-0136-9 STRAAVALDSEN, ERIC J & CHRISTINE M STRAAVALDSEN 610 Spruce St
0709-264-0138-5 GATES REV TRUST,G I & P K 602 Spruce St
0709-264-0209-4 MANOWSKE, RICHARD & DEBORAH L MANOWSKE 538 Spruce St
0709-264-0406-6 RING, KENNETH C & SALLY R RING 629 Spruce St
0709-264-0405-8 MARQUESS, HARLAN E 625 Spruce St
0709-264-0404-0 SUNDBY, JON W & JAE L ADAMS 621 Spruce St
0709-264-0403-2 MILFREY INVESTMENTS LLC 617 Spruce St
0709-264-0402-4 SCHECHTER, PAUL S 613 Spruce St
0709-264-0401-6 ST MARKS EVAN LUTHERAN CHURCH 605 Spruce St
0709-264-0307-6 DROTT, ROGER W 533 Spruce St
REMOVE EX SAS 4959-019
SAS#2
PLUG
REMOVE EX 6" VP SAN
REMOVE EX SAS 4959-020
423'-8" PVC @ 0.40%
SPRUCE STREET
HICKORY STREET
EX 6" VP SAN TO REMAIN
REMOVE EX 6" VP SAN
62'-8" PVC @ 1.32%
SAS#5
SAS#1
SAS#0
REMOVE EX SAS 4959-003
382'-8" PVC @ 0.40%
61'-8" PVC @ 0.41%
EX 8" VP SAN TO REMAIN
ULO-1
ULO-2
HICKORY ST
REMOVE EX SAS 4959-003 STA 10'SS'+22.71 RT 1.58' RIM = 862.27 EI = 856.12 (S) EI = 856.27 (W) EI = 856.17 (N) EI = 856.22 (E)
SAS #1 STA 10'SS'+22.71 RT 1.58' RIM = 862.21 EI = 855.38 (S) EI = 855.48 (E) (W) (N)
SAN TAP EI= 857.66
EX 6" VP SAN TO REMAIN
REM EX 6" VP SAN
REM EX 8" VP SAN
EX 8" VP SAN TO REMAIN
62'-8" PVC @ 1.32%
61'-8" PVC @ 0.41%
SAS #5 STA 20'HS'+36.66 RT 0' RIM = 863.45 EI = 856.30
PROPOSED WATER
SAS #0 STA 21'HS'+59.86 RT 0' RIM = 861.77 EI = 855.03 (S) EI = 855.13 (N)
20+00
21+00
22+00
REMOVE EX SAS 4959-019 STA 6'SS'+28.12 RT 0' RIM = 864.87 EI = 858.17 (E) EI = 858.27 (W) EI = 858.57 (S) - LATERAL ACTIVE
SAS #2 STA 5'SS'+99.52 RT 0' RIM = 865.16 EI = 857.17 (E) EI = 857.27 (W)
REMOVE EX 6" VP SAN
EX 12" VP STM
REMOVE EX SAS 4959-020 STA 8'SS'+22.57 RT 0' RIM = 863.32 EI = 857.14 (E) EI = 857.17 (W) EI = 857.22 (S) - LATERAL ACTIVE EI = 858.09 (N) - LATERAL ACTIVE
423'-8" PVC @ 0.40%
PROPOSED WATER-SEE WATER UTILITY SHEETS
REMOVE EX SAS 4959-003 STA 10'SS'+22.71 RT 1.58' RIM = 862.27 EI = 856.12 (S) EI = 856.27 (W) EI = 856.17 (N) EI = 856.22 (E)
EX 15" VP STM
382'-8" PVC @ 0.40%
REMOVE EX 6" VP SAN
SAS #1 STA 10'SS'+22.71 RT 1.58' RIM = 862.21 EI = 855.38 (S) EI = 855.48 (E) (W) (N)
885
880
875
870
865
860
855
850
845
6+00
7+00
8+00
9+00
10+00
11+00

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Sanitary\Design\53W1510SAN-PnPSS2.dgn DATE: 6/16/2015

SPRUCE STREET - 2015
PROJECT NO. 53W1510

SHEET NO.
U-3

UTILITIES
PLAN AND PROFILE

SPRUCE STREET — CITY OF MADISON

REVISED 6/16/15 EEA

CONTRACTOR SHALL REM & REP SIDEWALK AS NEEDED FOR LATERALS (MAX. OF 4 SW SQUARES PER LATERAL)

NEW SANITARY SEWER LATERAL OFF GILSON ST. DO NOT REPLACE.

MATCHLINE STA 11+00.00

0709-264-0210-1
HAYES, JENNIFER M
534 Spruce St

0709-264-0211-9
BECKETT, REBECCA A
& REBECCA A ROHWER
530 Spruce St

0709-264-0212-7
LINDSLEY, JENNIFER
526 Spruce St

0709-264-0213-5
CARROLL, S G
522 Spruce St

0709-264-0214-3
SATYSHUR, KENNETH A
& MARJORIE E DOYLE
518 Spruce St

0709-264-0215-1
DAHL, NICHOLAS JAMES
COREY RAIN SENDERHAUI
514 Spruce St

0709-264-0216-9
GARVEY, JONATHAN P
& KRISTIN S GARVEY
1220 Gilson St

0709-264-0217-7
SPEARS-DIMMIG, JANEAN K
& CURTIS L DIMMIG
1218 Gilson St

0709-264-0306-8
BENDER, DAVID C
529 Spruce St

0709-264-0305-0
FIS, CHRISTEL M
525 Spruce St

0709-264-0304-2
REED, LOUIS A
521 Spruce St

0709-264-0303-4
RICHARDS, THOMAS L
& KIM E RICHARDS
517 Spruce St

0709-264-0302-6
DURST, ANNE
& CHRISTOPHER KNIEF
513 Spruce St

0709-264-0301-8
KRUGER, JUSTIN F
505 Spruce St

PLUG
PLUG
382'-8" PVC @ 0.40%
SPRUCE STREET
REMOVE EX SAS 4959-002
REMOVE EX 6" VP SAN
REMOVE EX SAS 4959-023
REMOVE EX 6" VP SAN
REMOVE EX SAS 4959-001
SAS#4
RI-7
ABP-6
RP-7
AS-3
EX SAS 4959-022
RIM= 865.45
EI= 857.46
EX 8" PVC SAN
GILSON STREET
EX 8" PVC SAN

REMOVE
EX SAS
4959-002
STA 12'SS'+20.34 RT 0'
RIM = 865.18
EI = 857.58 (W)
EI = 857.62 (E)
EI = 858.18 (S) - LATERAL ACTIVE

REMOVE
EX SAS
4959-023
STA 12'SS'+53.93 RT 0'
RIM = 865.62
EI = 857.82 (W)
EI = 857.84 (E)
EI = 858.32 (N) - LATERAL ACTIVE
EI = 857.87 (S) - LATERAL ACTIVE

REMOVE
EX SAS
4959-001
STA RT 0'
RIM = 865.72
EI = 859.02 (W)
EI = 859.12 (N) - LATERAL ABANDONED ?
EI - 859.17 (S) - LATERAL ABANDONED ?

ABP-5
AS-3
EX 15" VP STM
REMOVE EX 6" VP SAN
REMOVE EX 6" VP SAN
REMOVE EX 6" VP SAN
382'-8" PVC @ 0.40%
PROPOSED WATER
-SEE WATER UTILITY SHEETS
SAS #4
STA 14'SS'+04.72 RT 0'
RIM = 865.51
EI = 857.00

885 880 875 870 865 860 855 850 845

11+00 12+00 13+00 14+00 15+00 16+00

PLOT SCALE: ——
PLOT NAME: ——
REV. DATE: ——
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Sanitary\Design\53W1510SAN-PnPSS3.dgn

DATE: 6/16/2015

SANITARY SCHEDULE

ALIGNMENT CODES:

"SS"= SPRUCE ST
"HS"= HICKORY ST

SPRUCE ST	SHEET NO.
PROJECT NO. 53W1510	U-4
SANITARY SEWER SCHEDULE	CITY OF MADISON

PLOT SCALE: ___
PLOT NAME: ___
REV. DATE: ___

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS#0	21'HS'+59.86	CL	861.77	855.03	6.74	-
SAS#1	10'SS'+22.71	RT-1.58	862.21	855.38	6.83	-
SAS#2	5'SS'+99.52	CL	865.16	857.17	7.99	-
SAS#3	1'SS'+85.63	CL	867.20	858.93	8.27	-
SAS#4	14'SS'+04.72	CL	865.51	857.00	8.51	-
SAS#5	20'HS'+36.66	CL	863.45	856.30	7.15	-

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	PLAN LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES
SAS#0	SAS#1	855.13	855.38	61	0.41%	8"	SDR-35	-
SAS#1	SAS#2	855.48	857.17	423	0.40%	8"	SDR-35	-
SAS#2	SAS#3	857.27	858.93	414	0.40%	8"	SDR-35	-
SAS#1	SAS#4	855.48	857.00	382	0.40%	8"	SDR-35	-
SAS#1	SAS#5	855.48	856.30	62	1.32%	8"	SDR-35	-

SANITARY SEWER STRUCTURE REMOVALS

STRUCTURE ID NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
4859-007	1'SS'+82.74	CL	867.4	863.00	4.40	-
4859-008	2'SS'+28.25	CL	867.13	859.75	7.38	-
4859-009	4'SS'+28.61	CL	866.04	858.98	7.06	-
4959-019	6'SS'+28.12	CL	864.87	858.17	6.70	-
4959-020	8'SS'+22.57	CL	863.32	857.14	6.18	-
4959-003	10'SS'+22.71	RT-1.58	862.27	856.12	6.15	-
4959-002	12'SS'+20.34	CL	865.18	857.58	7.60	-
4959-023	12'SS'+53.93	CL	865.62	857.82	7.80	-
4959-001	14'SS'+04.71	CL	865.72	859.02	6.70	-

SANITARY SEWER PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE (DIA)	TYPE	NOTES
4859-007	4859-008	45	N	5"	VP	-
4859-008	4859-009	200	N	6"	VP	-
4859-009	4959-019	199	N	6"	VP	-
4959-019	4959-020	194	N	6"	VP	-
4959-020	4959-003	200	N	6"	VP	-
4959-003	4959-002	198	N	6"	VP	-
4959-002	4959-023	33	N	6"	VP	-
4959-023	4959-001	151	N	6"	VP	-
4959-003	SAS#5	62	N	6"	VP	-
SAS#0	SAS#1	61	N	8"	VP	-

FILE NAME: M:\DESIGN\PROJECTS\53W1510\SANITARY\DESIGN\SANITARY SCHEDULE SPRUCE.XLS DATE: 06/05/2015

STORM SEWER SCHEDULE

* REVISED 6/16/15 EEA

SPRUCE STREET - 2015 | SHEET NO. U-5
PROJECT NO. 53W1510
STORM SEWER SCHEDULE | CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	10+28.23	RT-36.04	3X3 SAS	862.27	857.87	4.40	W/ R-1550-0054; (1)
S-1A	21+33.93	RT-14.50	H INLET	861.58	858.48	3.10	LP; W/ R-3067-7004-VB
S-1B	21+33.93	LT-14.50	H INLET	862.10	857.87	4.23	LP; W/ R-3067-7004-VB
S-1C	10+43.65	RT-36.86	3X3 SAS	862.43	857.87	4.56	W/ R-1550-0054; (2)
S-2	10+28.19	RT-10.39	6X6 CB	862.27	858.00	4.27	W/ R-1550-0054; (3)
S-2A	10+57.08	RT-14.50	H INLET	862.69	859.29	3.40	W/ R-3067-7004-V
S-2B	10+57.08	LT-14.50	H INLET	863.21	859.81	3.40	LP; W/ R-3067-7004-VB
S-3	9+85.62	RT-6.52	3X3 SAS	861.91	858.22	3.69	FP; W/ R-1550-0054
S-3A	9+85.58	LT-14.50	H INLET	862.80	859.40	3.40	LP; W/ R-3067-7004-VB
S-3B	9+85.58	RT-14.50	H INLET	861.76	858.76	3.00	W/ R-3067-7004-V
S-4	7+43.43	RT-6.45	3X3 SAS	863.69	859.40	4.29	W/ R-1550-0054
S-4A	7+47.66	LT-14.50	H INLET	864.55	861.15	3.40	W/ R-3067-7004-V
S-4B	7+43.57	RT-14.50	H INLET	863.54	860.14	3.40	W/ R-3067-7004-V
S-5	4+00.00	RT-6.66	3X3 SAS	865.88	861.13	4.75	W/ R-1550-0054
S-5A	4+00.00	LT-14.50	H INLET	866.77	863.37	3.40	LP; W/ R-3067-7004-VB
S-5B	4+00.00	RT-14.50	H INLET	865.73	862.33	3.40	LP; W/ R-3067-7004-VB

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	PLAN LGTH (FT)	PIPE LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	26	21	857.87	858.00	0.50%	18"	RCP	-
P-1A	S-1	S-1A	21	18	858.37	858.48	0.52%	12"	RCP	-
P-1B	S-1B	S-1	8	6	857.87	857.87	0.00%	12"	RCP	-
P-1C	S-1C	S-1B	7	5	857.87	857.87	0.00%	12"	RCP	-
P-2	S-2	S-3	43	38	858.00	858.22	0.51%	18"	RCP	-
P-2A	S-2	S-2A	30	25	858.50	859.29	2.63%	12"	RCP	-
P-2B	S-2A	S-2B	29	27	859.29	859.81	1.79%	12"	RCP	-
P-3	S-3	S-4	238	235	858.22	859.40	0.50%	18"	RCP	-
P-3A	S-3	S-3A	21	18	858.72	859.40	3.24%	12"	RCP	-
P-3B	S-3	S-3B	8	5	858.72	858.76	0.50%	12"	RCP	-
P-4	S-4	S-5	348	345	859.40	861.13	0.50%	18"	RCP	-
P-4A	S-4	S-4A	21	18	859.90	861.15	5.95%	12"	RCP	-
P-4B	S-4	S-4B	9	6	859.90	860.14	2.67%	12"	RCP	-
P-5	S-5	S-5A	21	19	861.63	863.37	8.29%	12"	RCP	-
P-5A	S-5	S-5B	8	5	861.63	862.33	8.75%	12"	RCP	-

STORM SEWER STRUCTURE REMOVALS

STRUC. REMOVAL NO.	STRUC. ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RI-1	IN 4959-008	5+40.90	LT-14.50	TUB INLET	-
RI-2	IN 4859-015	5+65.51	RT-14.50	TUB INLET	-
RI-3	IN 4958-024	10+02.26	LT-21.50	TUB INLET	-
RI-4	IN 4958-025	10+41.42	LT-21.50	TUB INLET	-
RI-5	IN 4959-011	10+01.76	RT-20.24	TUB INLET	-
RI-6	IN 4959-012	10+47.00	RT-17.38	TUB INLET	-
RI-7	IN 4959-010	12+60.57	LT-14.50	TUB INLET	-
RS-1	AS 4959-006	10+43.66	RT-20.64	4X6 CATCHBASIN	-

STORM SEWER PIPE REMOVALS

PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE	TYPE	NOTES
RP-1	RI-1	5+61.19 RT-14.53	36	Y	12"	VP	-
RP-2	RI-3	RS-1	58	Y	12"	VP	-
RP-3	RS-1	RP-3	42	Y	12"	VP	-
RP-4	RI-5	RS-1	42	Y	12"	VP	-
RP-5	10+01.43 RT-20.75	RS-1	43	Y	12"	VP	-
RP-6	RS-1	S-1C	16	Y	15"	VP	-
RP-7	12+30.00 RT-14.90	RI-7	42	Y	12"	VP	-

STORM SEWER STRUCTURE ABANDONMENTS

STRUC. ABANDON NO.	STRUC. ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
AS-1	AS 4959-007	5+65.97	RT-21.29	4X6 CATCHBASIN	-
AS-2	-	10+65.81	RT-20.82	4X4 CATCHBASIN	-
AS-3	AS 4959-005	12+24.42	RT-20.21	4X6 CATCHBASIN	-

STORM SEWER PIPE ABANDONMENT

	PIPE REMOVAL NO.	REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	SIZE	TYPE	NOTES
*	ABP-1	5+61.19 RT-14.53	AS-1	8	**Y - 1 PLUG PAID**	12"	VP	-
*	ABP-2	RI-2	AS-1	7	**N**	12"	VP	-
*	ABP-3	AS-1	10+01.43 RT-20.75	477	**Y - 17 PLUGS PAID**	12"	VP	**16 PLUGS AT SAN LAT CROSSINGS**
*	ABP-4	RS-1	AS-2	22	**N**	12"	VP	-
*	ABP-5	AS-2	AS-3	159	**Y - 8 PLUGS PAID**	15"	VP	**8 PLUGS AT SAN LAT CROSSINGS**
*	ABP-6	AS-3	12+30.00 RT-14.90	8	**Y - 1 PLUG PAID**	12"	VP	-

ULO

ULO ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-1	9+80.00	RT-6.00	GAS	-
ULO-2	10+43.65	RT-36.86	EX STORM	CONFIRM STORM ELEVATION PRIOR TO STARTING WORK

SPECIFIC NOTES

(1) BOX OUT TO SOUTH FOR 18" FUTURE RCP STORM PIPE
(2) CONNECT EX 15" VP STM PIPE TO SOUTH; COMPLETE ULO-1 TO CONFIRM STORM ELEVATION PRIOR TO WORK
(3) WITH 3FT SUMP BELOW EI

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

PLOT SCALE: _ _ _
PLOT NAME: _ _ _
REV. DATE: _ _ _
ORIGINATOR: CITY OF MADISON STREETS DIVISION

FILE NAME: M:\DESIGN\PROJECTS\53W1510\STORM\DESIGN\STORM SCHEDULE SPRUCE REV 6_16.XLS DATE: 06/16/2015

SPRUCE STREET RECONSTRUCTION - 2015 PROJECT NO. 53W1510	SHEET NO. W-1
WATER PLAN AND PROFILE	
SPRUCE ST	CITY OF MADISON

0709-264-0121-0
ENERGY SERVICES INC
1225 S Park St

0709-264-0122-8
BALLARD, SARAH A
726 Spruce St

0709-264-0124-4
GOLDSTEIN, JEFF & SARAH
722 Spruce St

0709-264-0125-2
SIMMONS, SOLON J
& ANDREA L ROBLES
718 Spruce St

0709-264-0126-0
SIMMONS, SOLON J
& ANDREA L ROBLES
714 Spruce St

0709-264-0127-8
RICHARDS, MONDEST & SARA
710 Spruce St

0709-264-0128-6
LAURENT, SEAN C
708 Spruce St

0709-264-0129-4
SHIU, KAI-BIU
702 Spruce St

0709-264-0130-1
BLEEDORN, JASON A
634 Spruce St

0709-264-0131-9
GURSTELLE, JOANNA B
MICHAEL JAY MCMILLEN
630 Spruce St

0709-264-0414-9
MEIER, RICHARD L
1305 S Park St

0709-264-0413-1
LARSON, JOHN M
721 Spruce St

0709-264-0412-3
MURPHY, SIGRID & JOSEPH H
& JOHN WEINSTOCK
717 Spruce St

0709-264-0411-5
ANDERSON, MICHAEL D
713 Spruce St

0709-264-0410-7
NEVINSKIY, ANDREY
IRINA STULOVA
709 Spruce St

0709-264-0409-0
KUEHN, WILLIAM C
703 Spruce St

0709-264-0408-2
EVACHENKO, JOHN G
& PATRICIA B EVACHENKO
701 Spruce St

0709-264-0407-4
MILLER, ROBERT H
635 Spruce St

STA 1+73.1 / 9.8'LT±
CONNECT TO EX 8-IN X 8-IN CROSS

STA 2+24.9 / 8.0'LT
PIPE DEFLECTION POINT

INSULATION TYP.

STA 5+31.9 / 19'LT
5-IN HYDRANT

STA 5+32.0 / 10.3'LT
6-IN VALVE & BOX

STA 5+32.1 / 8.0'LT
8-IN X 6-IN TEE

STA 1+73.1 / 9.8'LT±
PLUG 6-IN END OF CROSS

8-IN D.I. (2008)

12-IN D.I. (2008)

12-IN D.I. (2008)

6-IN C.I. (1921)

SPRUCE STREET

S. PARK STREET

MATCHLINE STA 6+00.00

WN4 1-IN

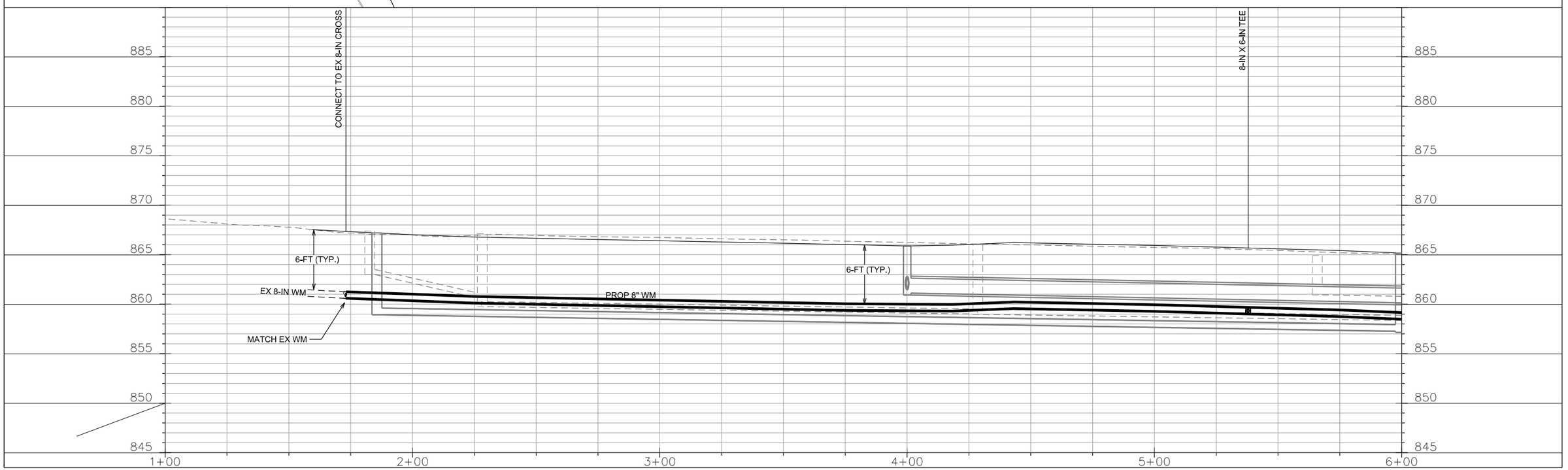
WN2 1-IN

WN11 1-IN

WN8

WN8
WN10

1+00 2+00 3+00 4+00 5+00 6+00



PLOT SCALE: ——

PLOT NAME: ——

REV. DATE: ——

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Water\Design\53W1510WU-PnP1.dgn

DATE: 6/5/2015

SPRUCE STREET RECONSTRUCTION - 2015
PROJECT NO. 53W1510

SHEET NO. W-2

WATER PLAN AND PROFILE

SPRUCE ST — CITY OF MADISON

MATCHLINE STA 6+00.00

MATCHLINE STA 11+00.00

SPRUCE STREET

0709-264-0131-9
GURSTELLE, JOANNA B
MICHAEL JAY MCMILLEN
630 Spruce St

0709-264-0132-7
ALTSTATT, ANNEMARIE E
628 Spruce St

0709-264-0133-5
STONEMAN LIVING TRUST
626 Spruce St

0709-264-0134-3
NIEBLER, ANNE
618 Spruce St

0709-264-0135-1
SEGALL, CARY S
614 Spruce St

0709-264-0136-9
STRAAVALDSEN, ERIC J &
CHRISTINE M STRAAVALDSEN
610 Spruce St

0709-264-0138-5
GATES REV TRUST,G I & P K
602 Spruce St

0709-264-0209-4
MANOWSKE, RICHARD &
DEBORAH L MANOWSKE
538 Spruce St

0709-264-0406-6
RING, KENNETH C
& SALLY R RING
629 Spruce St

0709-264-0405-8
MARQUESS, HARLAN E
625 Spruce St

0709-264-0404-0
SUNDBY, JON W
& JAE L ADAMS
621 Spruce St

0709-264-0403-2
MILFREY INVESTMENTS LLC
617 Spruce St

0709-264-0402-4
SCHECHTER, PAUL S
613 Spruce St

0709-264-0401-6
ST MARKS EVAN LUTHERAN
CHURCH
605 Spruce St

0709-264-0307-6
DROTT, ROGER W
533 Spruce St

INSULATION TYP.

STA 10+27.7 / 54.9'LT
CUT-IN CONNECTION
w/6-IN VALVE

STA 10+27.7 / 52.9'LT
6-IN 90° BEND

STA 10+14.1 / 52.6'LT
8-IN X 6-IN TEE
w/8-IN MJ PLUG

STA 10+14.1 / 34.0'LT
8-IN VAVLE & BOX

STA 10+14.1 / 11.3'LT
8-IN X 18-IN OFFSET

STA 10+14.1 / 8.0'LT
8-IN X 8-IN CROSS

STA 9+97.7 / 8.0'LT
8-IN VAVLE & BOX

STA 10+14.1 / 8.8'RT
8-IN X 18-IN OFFSET

STA 10+14.1 / 24.5'RT
8-IN VAVLE & BOX

STA 10+01.1 / 44.1'RT
5-IN HYDRANT

STA 10+11.1 / 44.1'RT
6-IN VAVLE & BOX

STA 10+14.1 / 44.2'RT
8-IN X 6-IN TEE

STA 10+14.1 / 49.8'RT
8-IN X 6-IN TEE
w/8-IN MJ PLUG

STA 10+28.0 / 49.5'RT
6-IN 90° BEND

STA 10+28.1 / 51.5'RT
CUT-IN CONNECTION
w/6-IN VALVE

WN1 1-IN
WN2 1-IN
WN3 1-IN
WN4 1-IN
WN6
WN8
WN10

6-IN C.I. (1939)
6-IN C.I. (1927)
6-IN C.I. (1927)

HICKORY STREET

8-IN VALVE & BOX
8-IN X 8-IN CROSS

HICKORY ST

NOTE - SEE PLAN FOR STATION/OFFSET FROM SPRUCE ALIGNMENT

8-IN 90° BEND
8-IN VALVE MATCH EX WM
EX 8-IN WM
6-FT (TYP.)
8-IN X 6-IN TEE w/8-IN MJ CAP
8-IN VALVE
8-IN X 18-IN OFFSET
8-IN X 8-IN CROSS
TOP = 854.0±
8-IN 90° BEND
8-IN VALVE MATCH EX
EX 8-IN WM
8-IN X 6-IN TEE w/8-IN MJ CAP
8-IN VALVE
8-IN X 6-IN TEE
8-IN X 18-IN OFFSET

6-FT (TYP.)
7.5-FT
PROP 8-IN WM
STA 6+00 - 7+00
BEGIN DEFLECTION
FROM 6-FT TO 7.5-FT
PROP 8-IN WM
STA 9+75 - 10+50
TOP = 854.0 ±

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Water\Design\53W1510WU-PnP2.dgn

DATE: 6/5/2015

SPRUCE STREET RECONSTRUCTION - 2015
PROJECT NO. 53W1510

SHEET NO. W-3

WATER PLAN AND PROFILE

SPRUCE ST — CITY OF MADISON

MATCHLINE STA 11+00.00

0709-264-0210-1
HAYES, JENNIFER M
534 Spruce St

0709-264-0211-9
BECKETT, REBECCA A
& REBECCA A ROHWER
530 Spruce St

0709-264-0212-7
LINDSLEY, JENNIFER
526 Spruce St

0709-264-0213-5
CARROLL, S G
522 Spruce St

0709-264-0214-3
SATYSHUR, KENNETH A
& MARJORIE E DOYLE
518 Spruce St

0709-264-0215-1
DAHL, NICHOLAS JAMES
COREY RAIN SENDERHAUF
514 Spruce St

0709-264-0217-7
SPEARS-DIMMIG, JANEAN K
& CURTIS L DIMMIG
1218 Gilson St

0709-264-0216-9
GARVEY, JONATHAN P
& KRISTIN S GARVEY
1220 Gilson St

0709-264-0301-8
KRUGER, JUSTIN F
505 Spruce St

0709-264-0306-8
BENDER, DAVID C
529 Spruce St

0709-264-0305-0
FIS, CHRISTEL M
525 Spruce St

0709-264-0304-2
REED, LOUIS A
521 Spruce St

0709-264-0303-4
RICHARDS, THOMAS L
& KIM E RICHARDS
517 Spruce St

0709-264-0302-6
DURST, ANNE
& CHRISTOPHER KNIEF
513 Spruce St

WN11 1-IN
WN11 1-IN
WN4 1-IN
WN4* 1-IN
WN11 1-IN
WN11 1-IN
WN2 1-IN
WN2 1-IN
WN11 1-IN
WN11 1-IN
WN2 1-IN
WN2* 1-IN
WN8

*FIELD VERIFY ACTIVITY

6-IN C.I. SERVICE

STA 14+24.5 / 8.0'LT
DEFLECTION POINT

STA 14+68.6 / 9.4'LT
CONNECT TO EX TEE
w/8-IN VALVE

STA 14+68.6 / 9.4'LT
PLUG 6-IN END OF TEE

SPRUCE STREET

GILSON STREET

8-IN D.I. (2006)

10-IN D.I. (2006)

6-IN C.I. (1927)

*FIELD VERIFY ACTIVITY

8"W

11+00 12+00 13+00 14+00 15+00 16+00 16+25

8-IN VALVE & BOX

CONNECT TO EX 8-IN TEE

6-FT (TYP.)

6-FT (TYP.)

PROP 8-IN WM

8-FT

EX 8-IN WM

MATCH EX WM

STA 11+75
VERTICAL PIPE DEFLECTION POINT

STA 13+25
VERTICAL PIPE DEFLECTION PIONT

885 880 875 870 865 860 855 850 845

11+00 12+00 13+00 14+00 15+00 16+00

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Water\Design\53W1510WU-PnP3.dgn

DATE: 6/5/2015

SPRUCE ST. RECONSTRUCT 2015
PROJECT NO. 53W1510

SHEET NO.
W-4

WATER IMPACT PLAN

CITY OF MADISON

CONNECT TO EX WM
-TURN VALVES:
*V-27 *V-29
-NOTIFY:
*NONE REQUIRED

CUT-IN CONNECTION
-TURN VALVES:
*V-18 *V-29
-NOTIFY:
*HICKORY ST: 1206-1214

CUT-IN CONNECTION
-TURN VALVES:
*V-3 *V-9
-NOTIFY:
*CEDAR ST: 602
*HICKORY ST: 1314, 1317
*SPRUCE ST: 605

CONNECT TO EX WM
-TURN VALVES:
*V-20 *V-21
-NOTIFY:
*NONE REQUIRED

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

HICKORY STREET

S PARK STREET

SPRUCE STREET

GILSON STREET

V-29 V-27 V-18 V-20 V-21 V-3 V-9

PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION
FILE NAME:
DATE:

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.

WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.

WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.

WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.

WN5 RELOCATE THE EXISTING FIRE HYDRANT.

WN6 ABANDON WATER VALVE ACCESS STRUCTURE.

WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.

WN8 ABANDON THE VALVE BOX.

WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.

WN10 REMOVE AND SALVAGE EXISTING HYDRANT

WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE

WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

60-FT - 6-IN PIPE
1400-FT - 8-IN PIPE

1620-FT - POLYWRAP

4 - 6-IN VALVE & BOX
4 - 8-IN VALVE & BOX

2 - 6-IN 90° BEND

4 - 8-IN X 6-IN TEE

1 - 8-IN X 8-IN CROSS

3 - 8-IN X 18-IN OFFSET

2 - 6-IN MJ CAP

2 - 6-IN MJ PLUG
2 - 8-IN MJ PLUG

2 - HYDRANT

48-FT - 2-IN STYROFOAM INSULATION

1-IN COPPER SERVICE PIPING (AS REQUIRED)

ESTIMATE OF MATERIALS SALVAGED:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

2 - 8-IN MJ PLUG
2 - HYDRANT

ESTIMATE OF MATERIALS ABANDONED:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

3 - VALVE ACCESS STRUCTURE
4 - VALVE & BOX

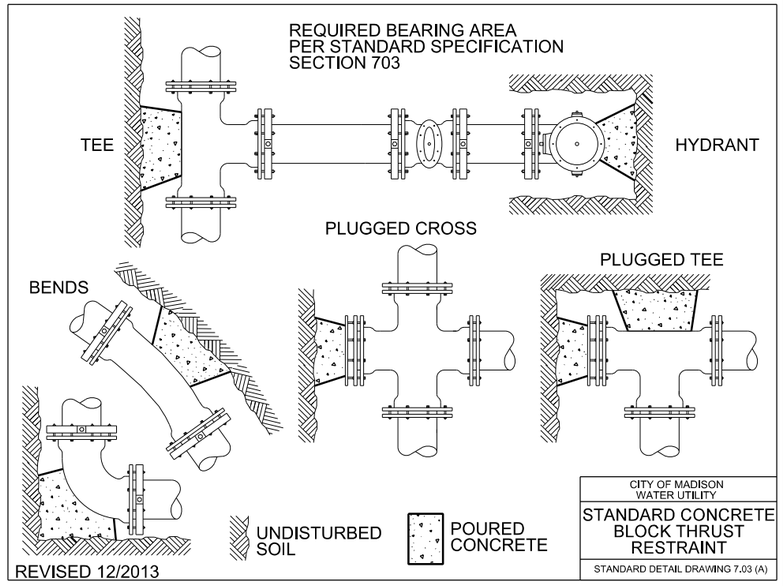
TO OBTAIN LOCATION OF
PARTICIPANTS' UNDERGROUND
FACILITIES BEFORE YOU
DIG IN WISCONSIN

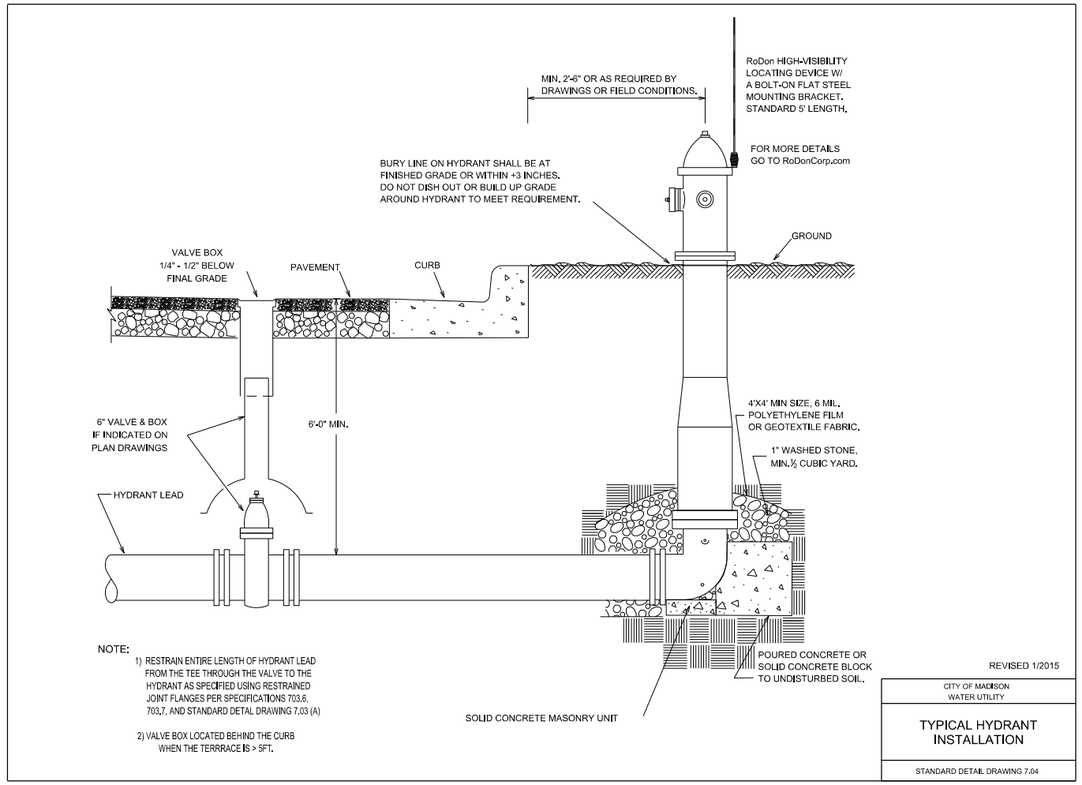
CALL DIGGERS HOTLINE
TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE.

MEMBER
ONE CALL SYSTEMS INTERNATIONAL

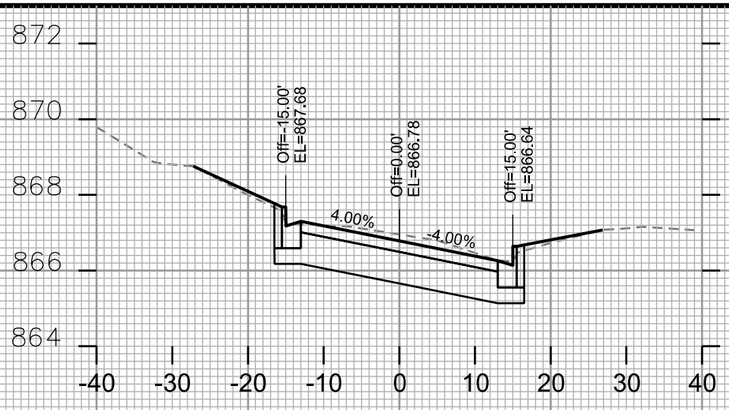
DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.



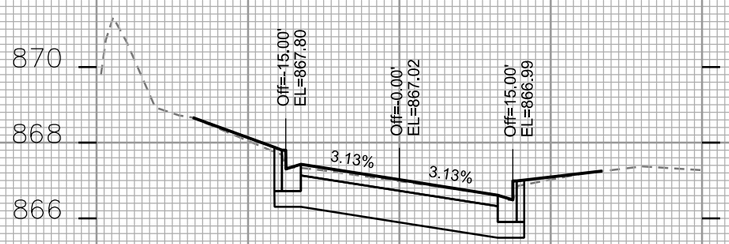


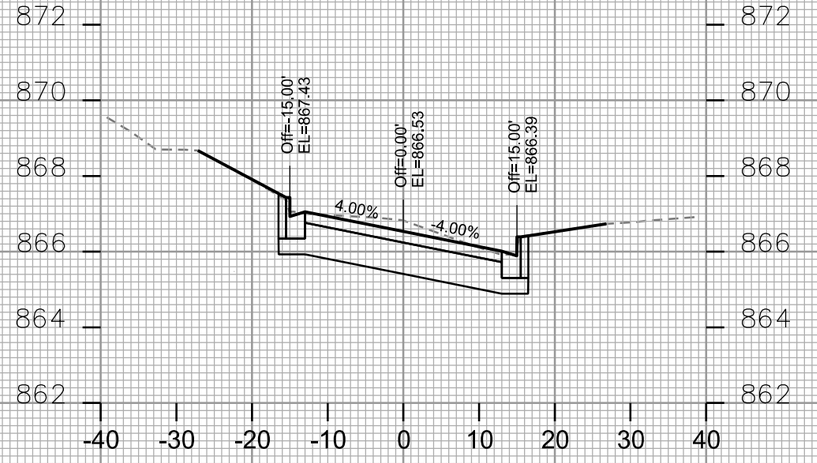
PLOT SCALE: ____
PLOT NAME: ____
REV. DATE: ____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-1
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON

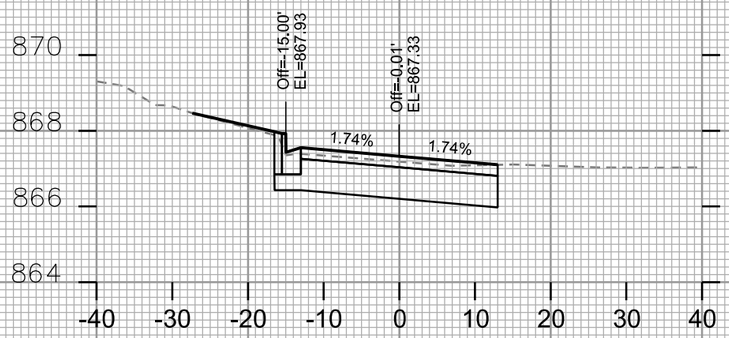


STA. 2+25

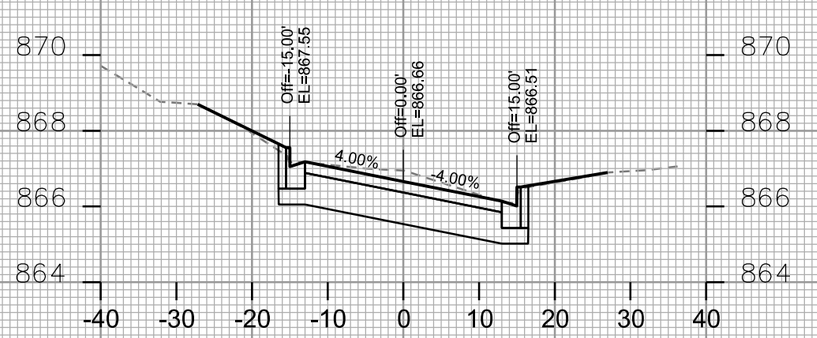




STA. 2+00



STA. 2+75



STA. 1+75

STA. 2+50

PLOT SCALE:

PLOT NAME:

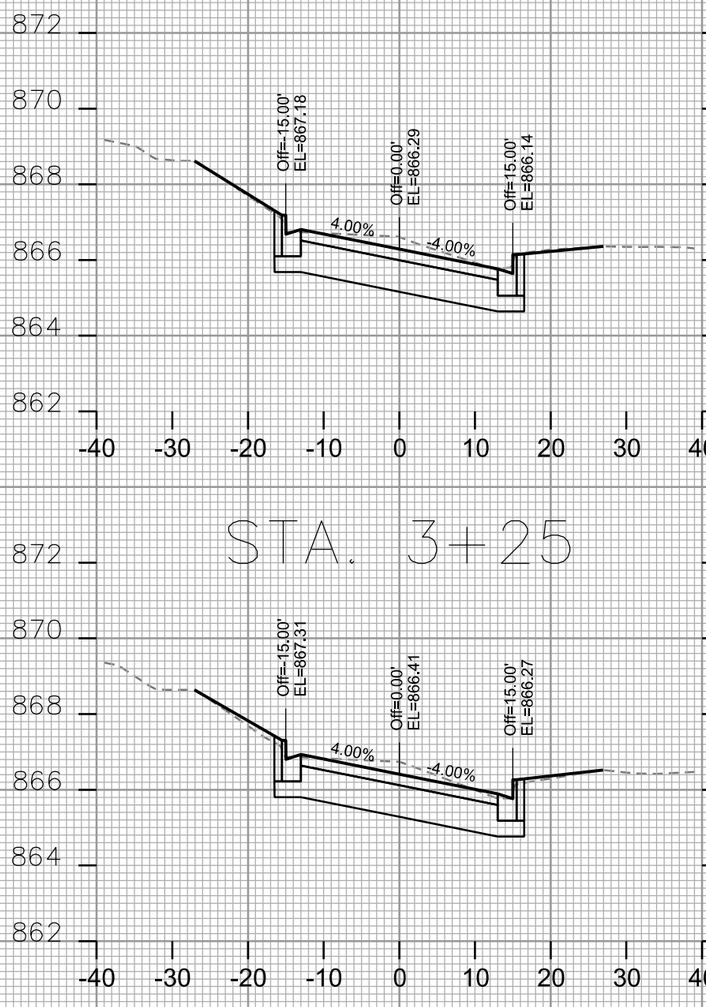
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

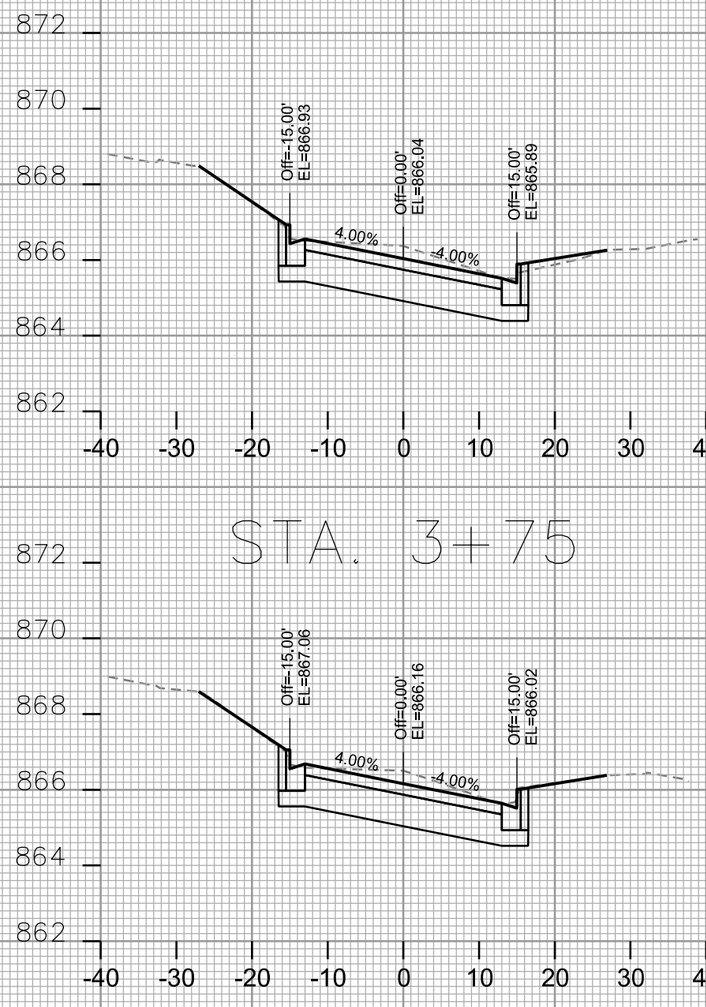
FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

DATE: 6/2/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-2
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON



STA. 3+25



STA. 3+75

STA. 3+00

STA. 3+50

PLOT SCALE: —

PLOT NAME: —

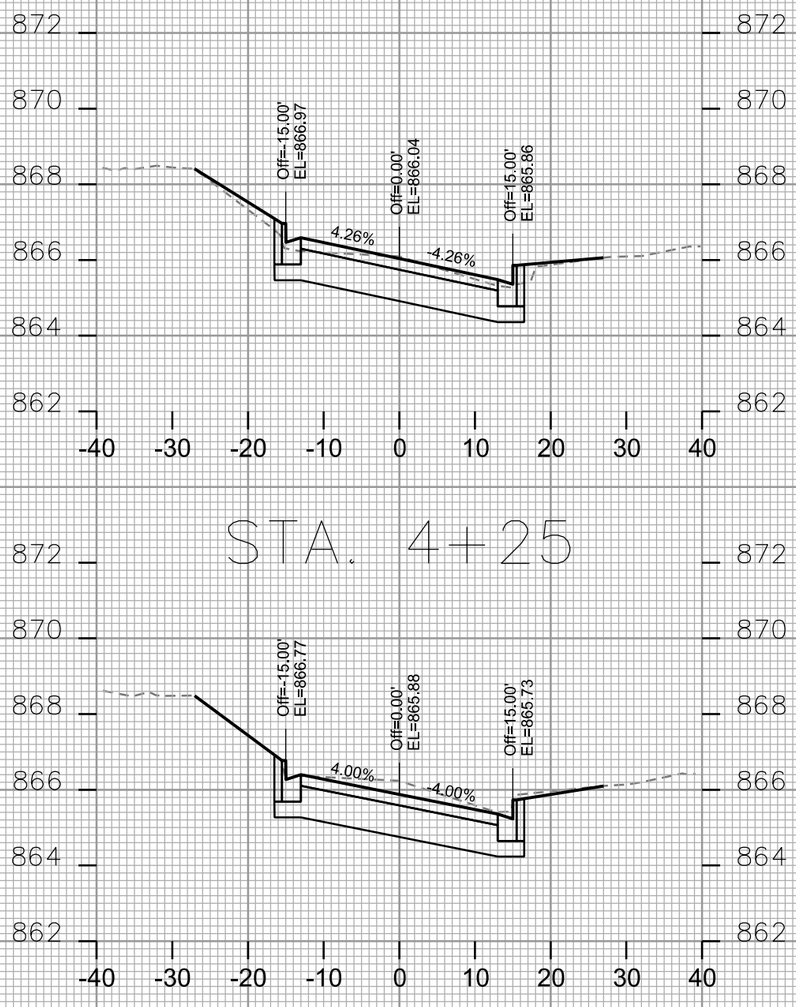
REV. DATE: —

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

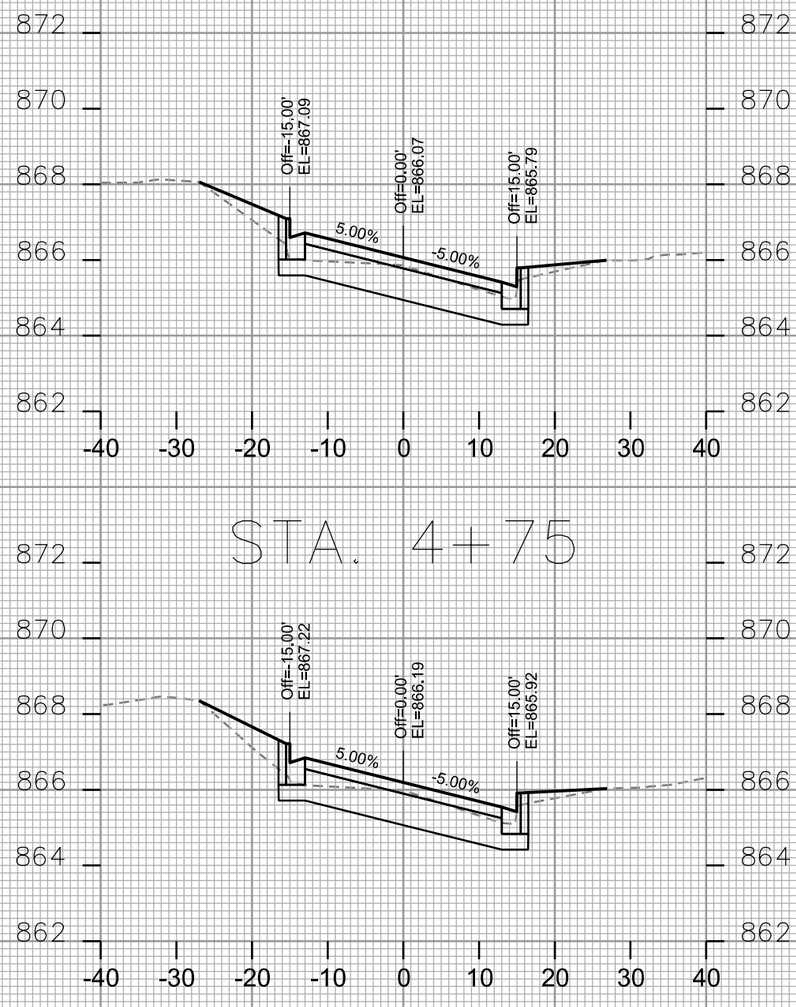
FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

DATE: 6/2/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-3
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON



STA. 4+25



STA. 4+75

STA. 4+00

STA. 4+50

PLOT SCALE: ____

PLOT NAME: ____

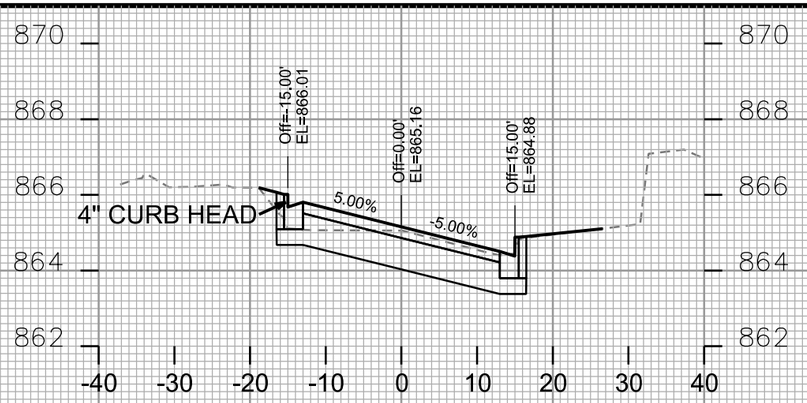
REV. DATE: ____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

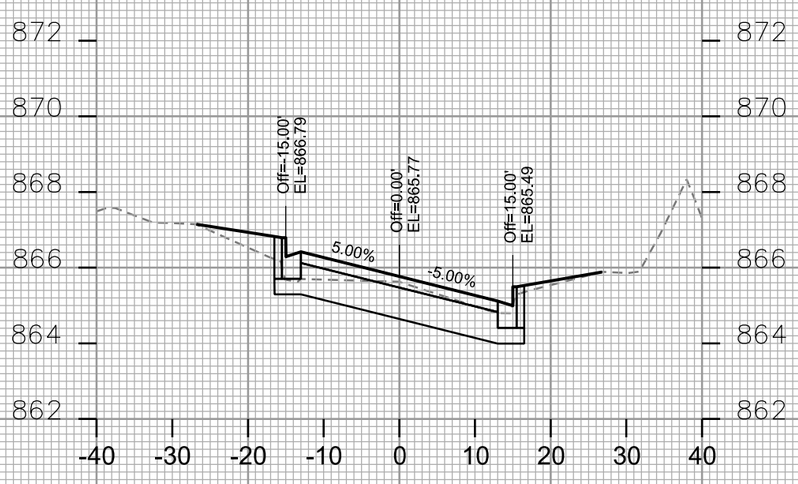
FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

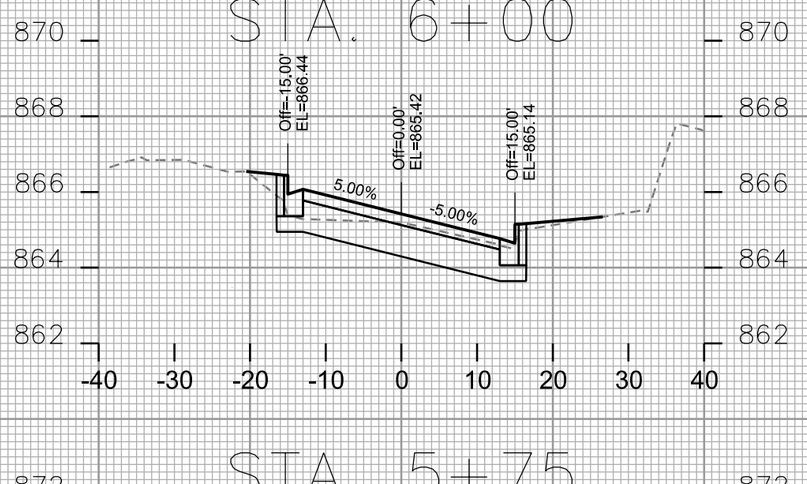
DATE: 6/2/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-4
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON

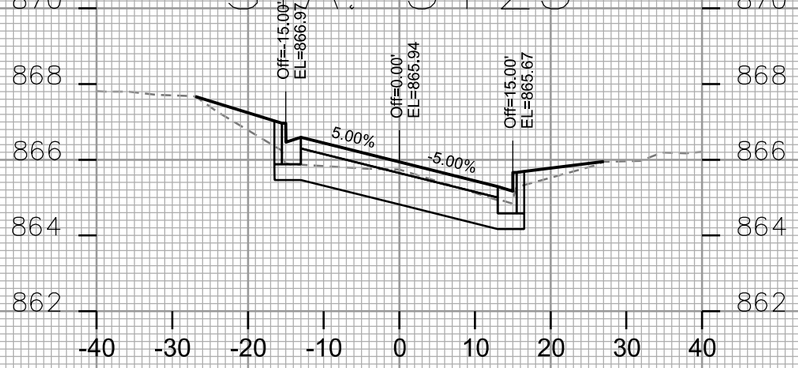


STA. 6+00





STA. 5+25



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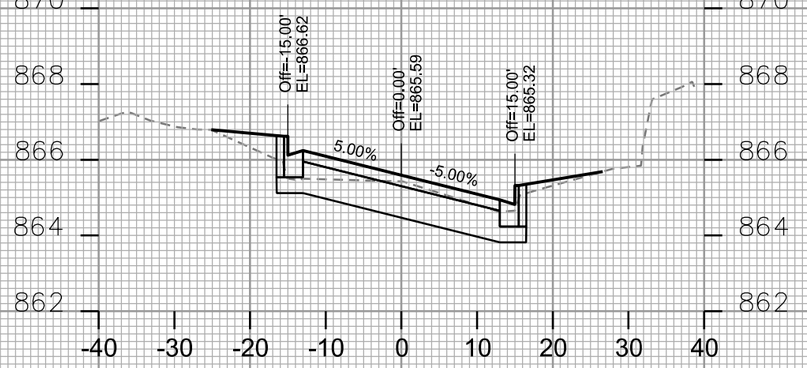


STA. 5+00

STA. 5+50

PLOT SCALE: ___

PLOT NAME: ___

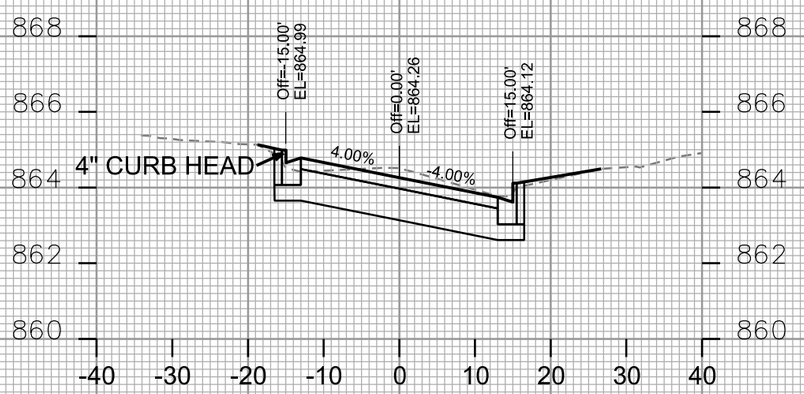
REV. DATE: ___

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

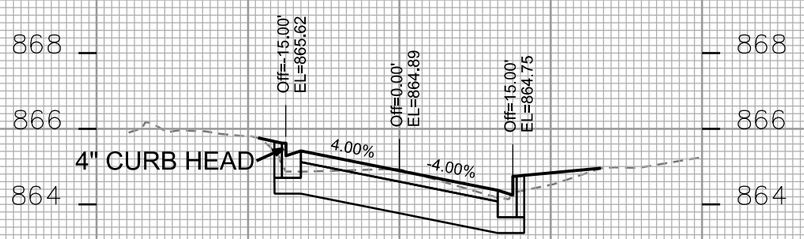
DATE: 6/2/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-5
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON



STA. 6+75

STA. 6+50



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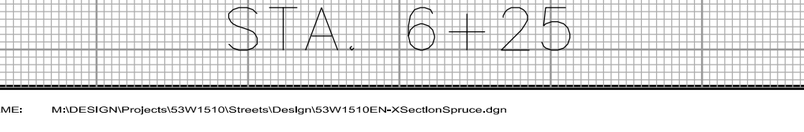
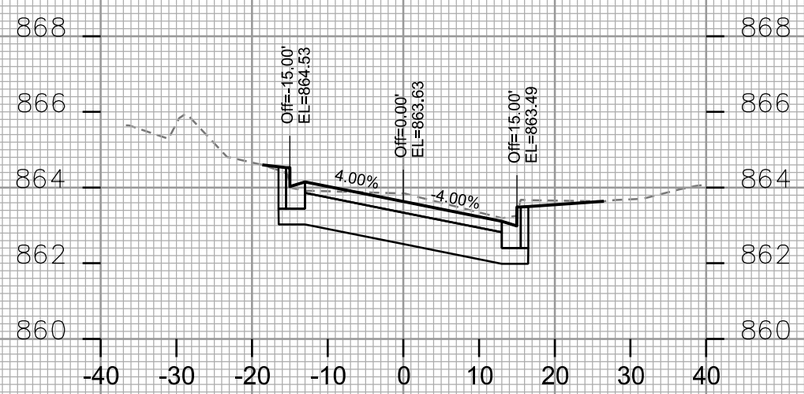
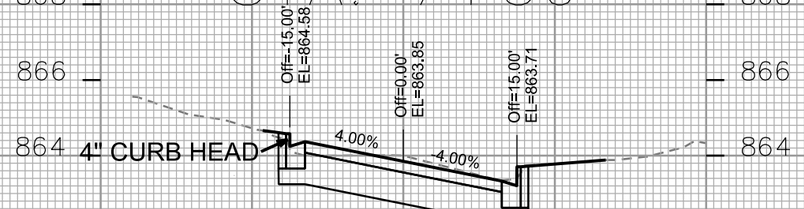




STA. 7+50



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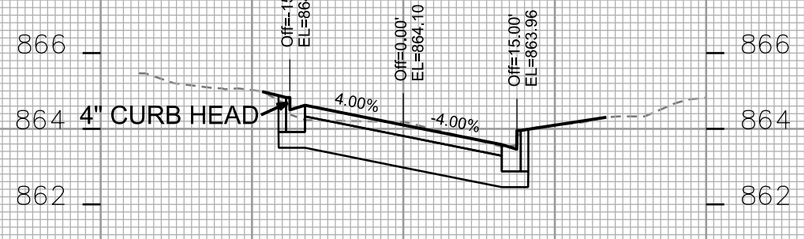
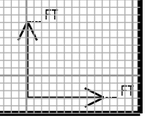


STA. 7+00



PLOT SCALE: —

PLOT NAME: —

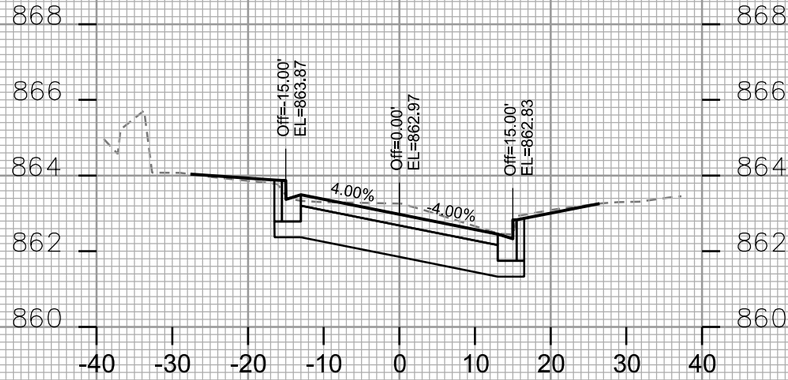
REV. DATE: —

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

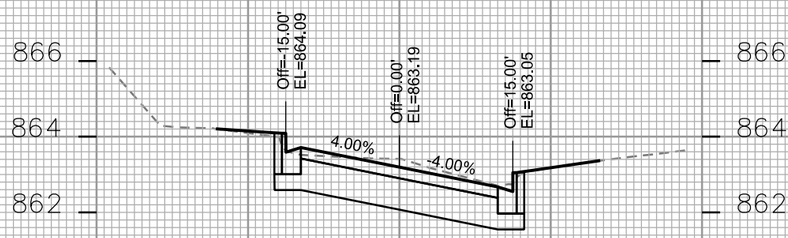
FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

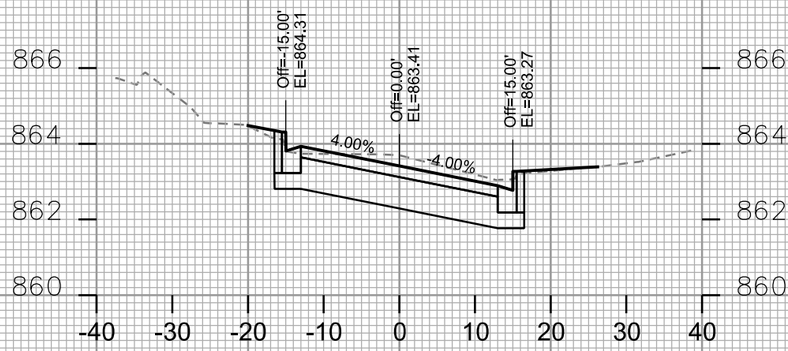
DATE: 6/2/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-6
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON

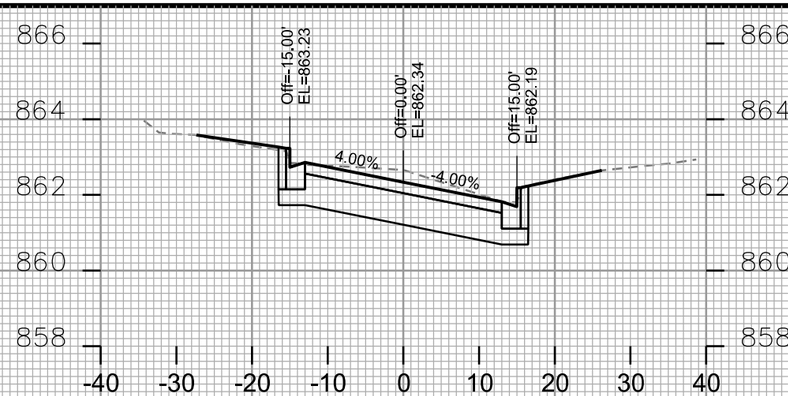


STA. 8+25

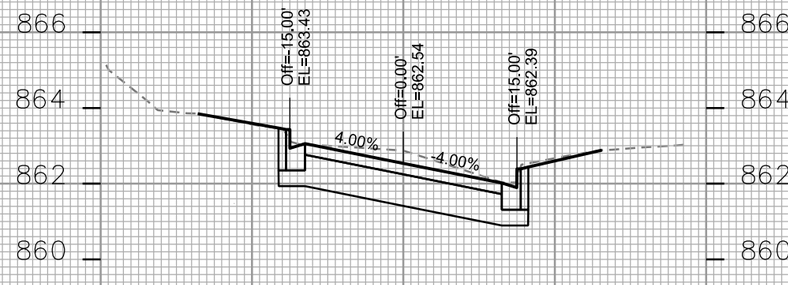


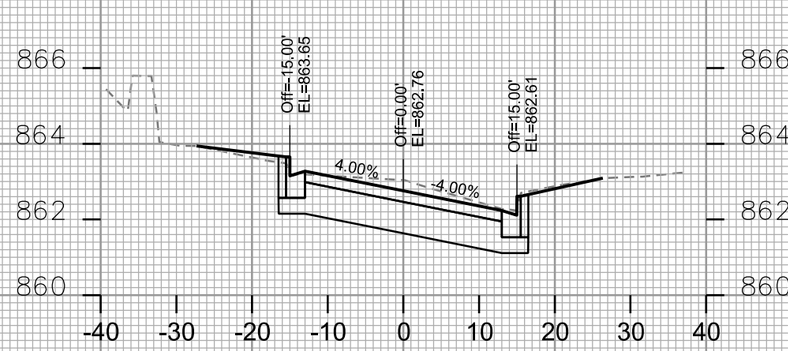


STA. 7+75



STA. 9+00





STA. 8+50

PLOT SCALE: ___

PLOT NAME: ___

REV. DATE: ___

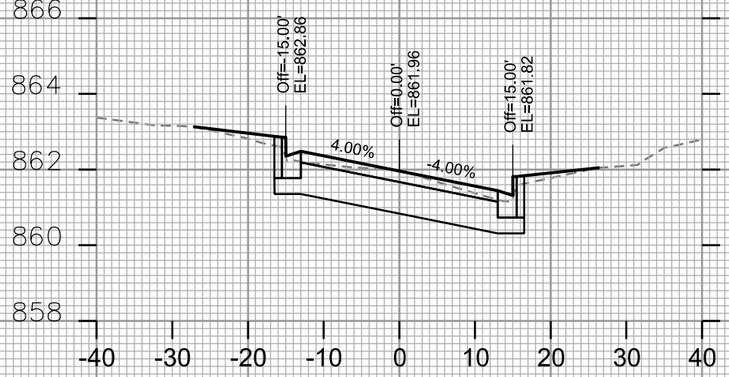
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

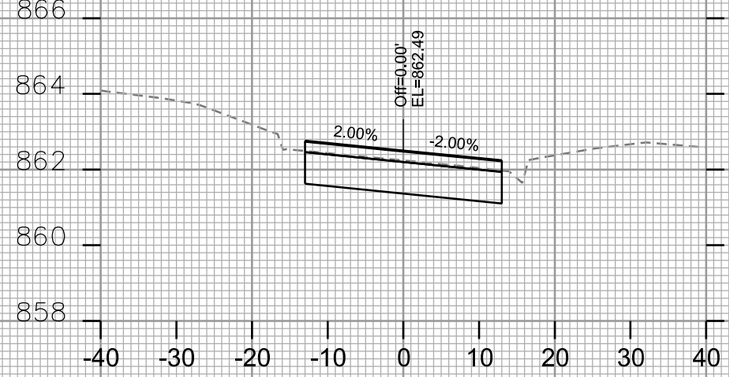
DATE: 6/2/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-7
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON

STA. 9+75



STA. 10+50



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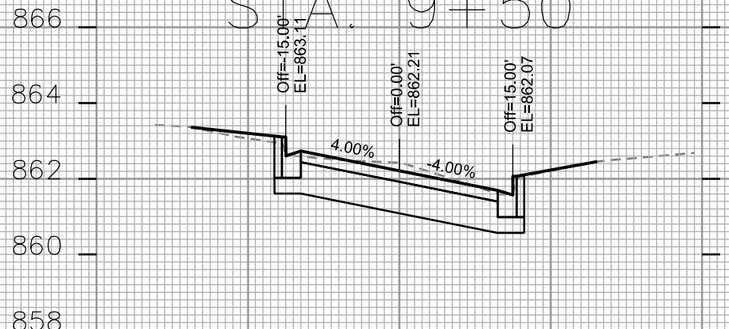
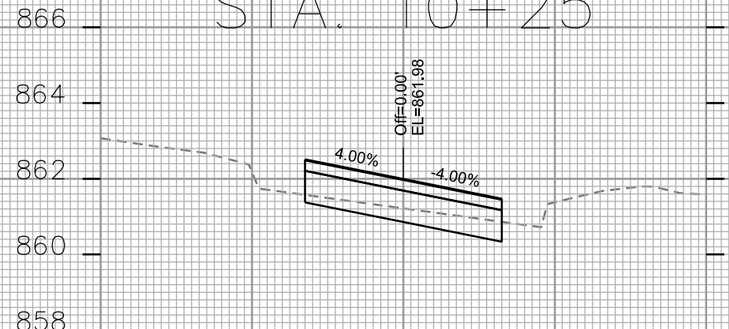


STA. 10+25



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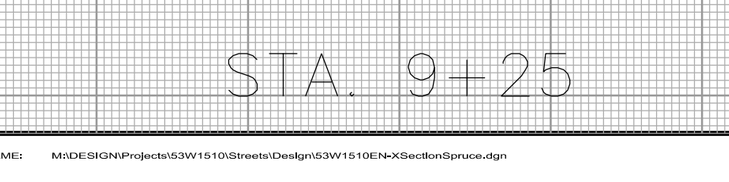
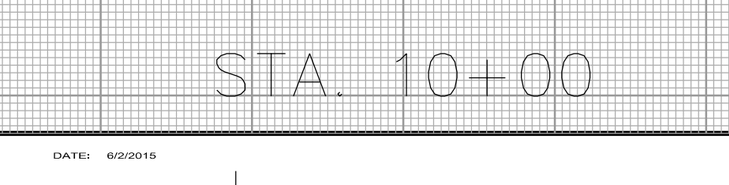
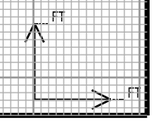


STA. 10+00





PLOT SCALE: ___
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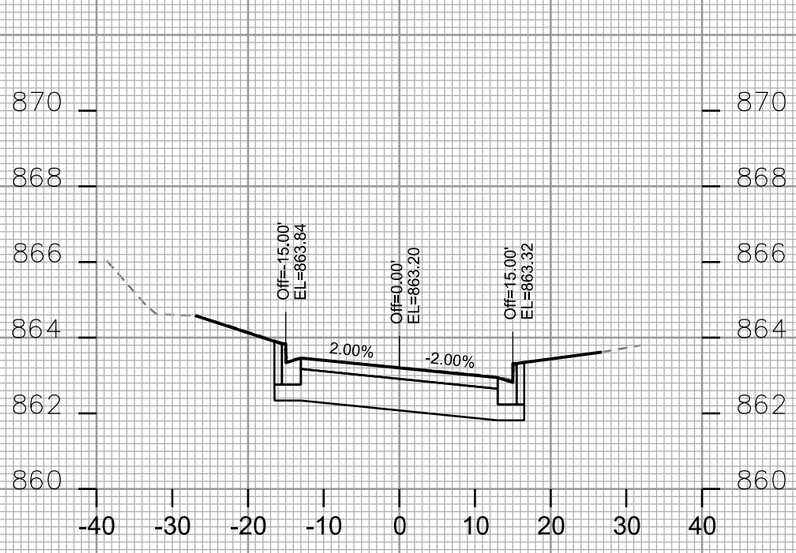
REV. DATE: ___
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

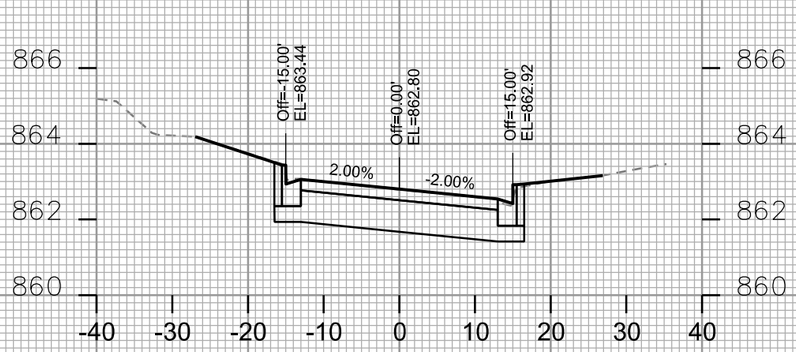
FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

DATE: 6/2/2015

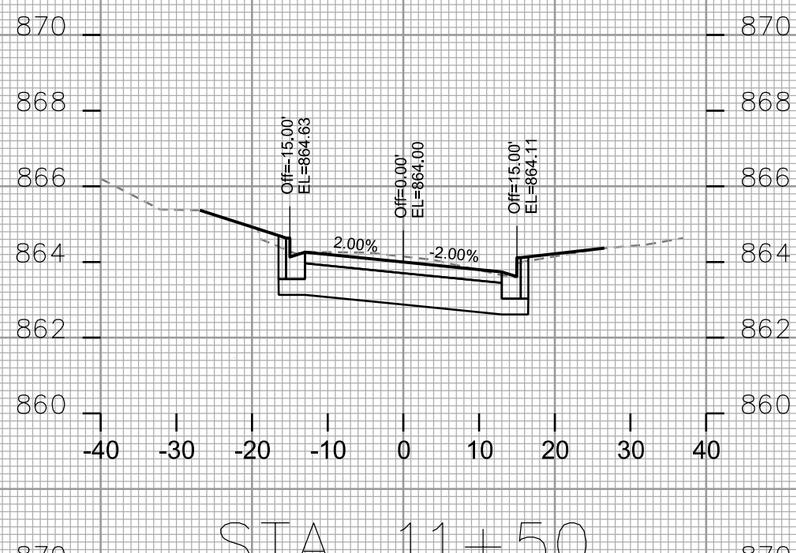
SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-8
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON



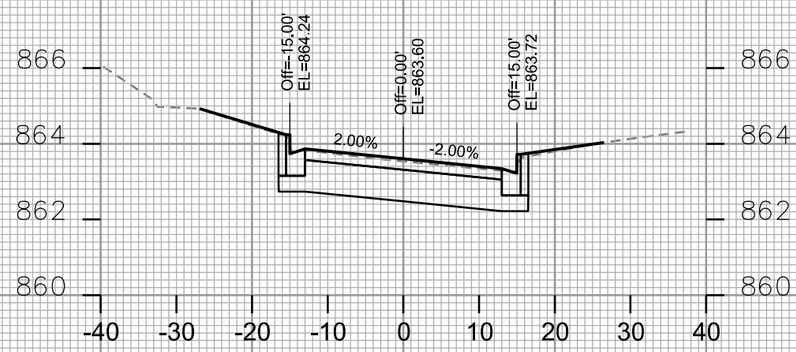
STA. 11+00



STA. 10+75



STA. 11+50



STA. 11+25

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PLOT SCALE:

PLOT NAME:

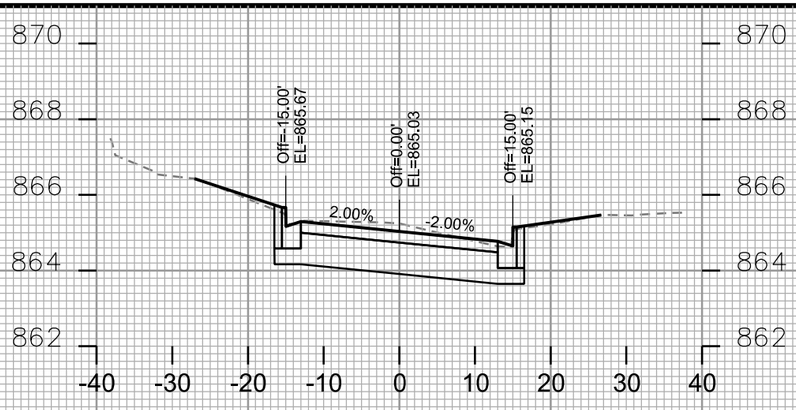
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

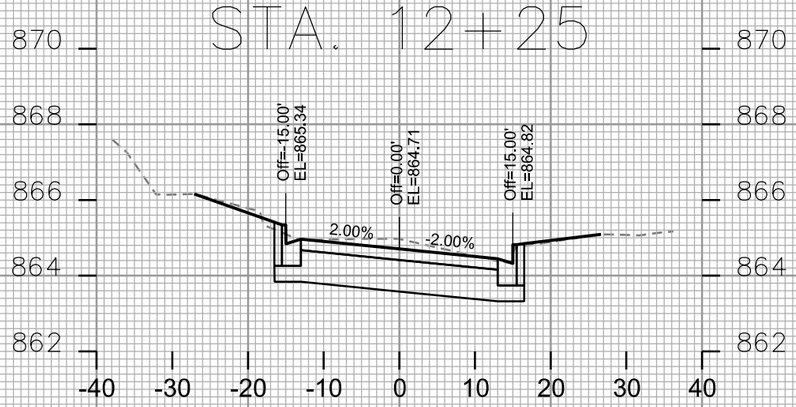
FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

DATE: 6/2/2015

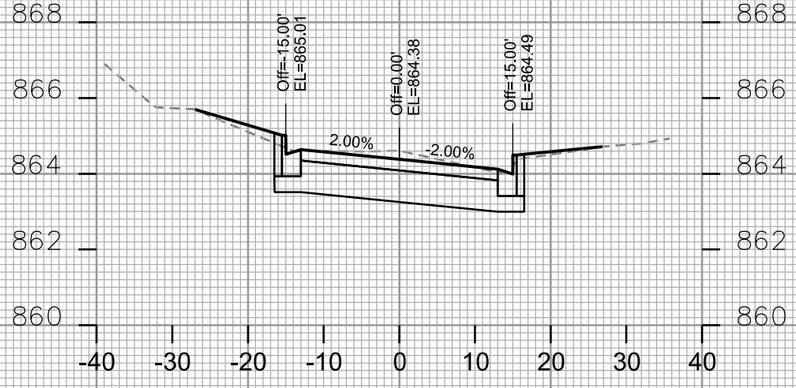
SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-9
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON



STA. 12+25



STA. 12+00



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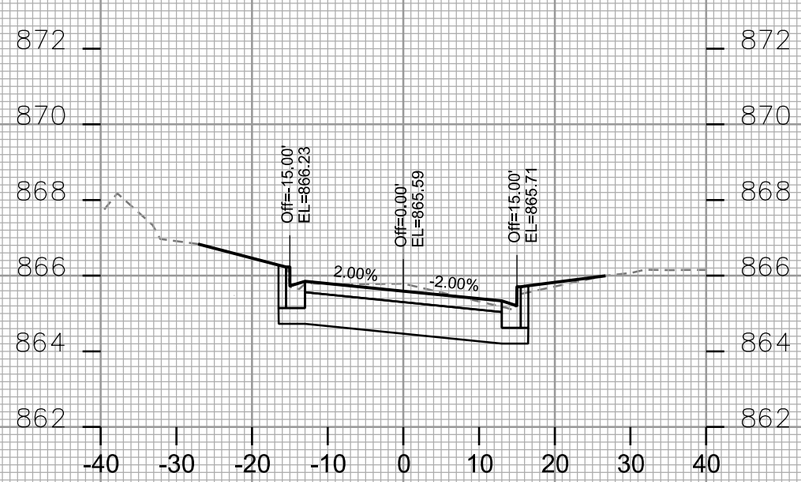

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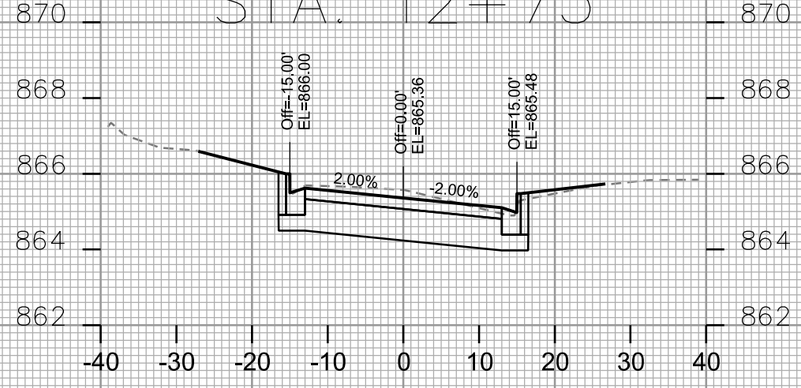
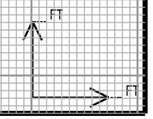


STA. 12+50



PLOT SCALE:

PLOT NAME:

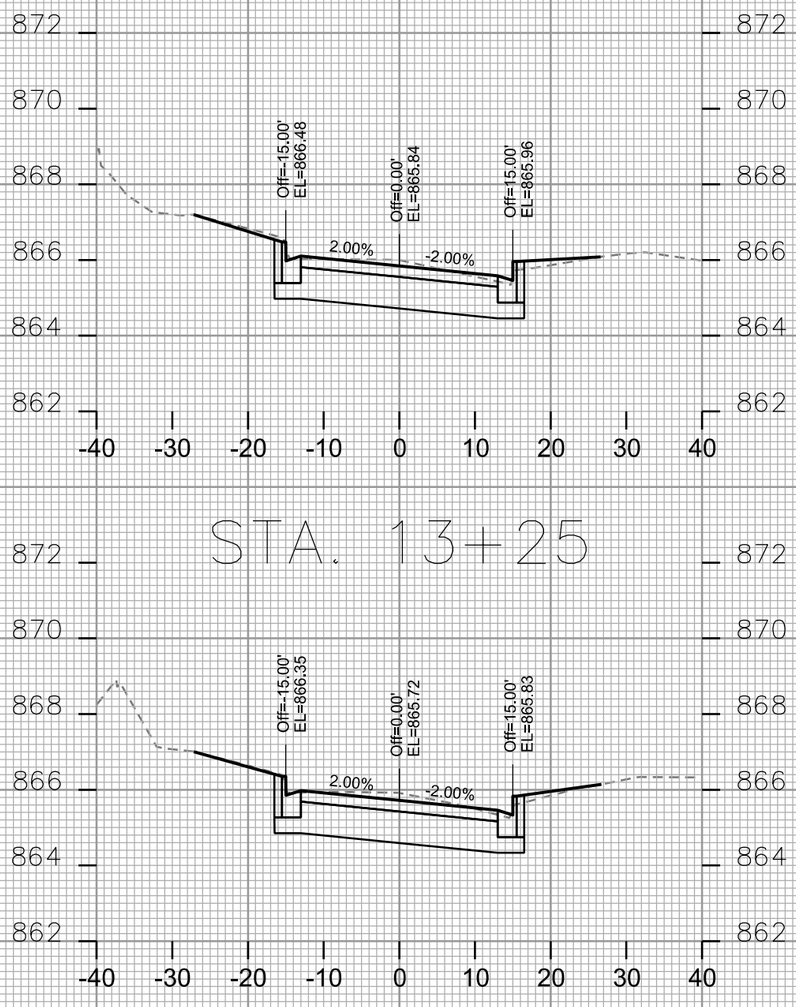
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

DATE: 6/2/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-10
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON



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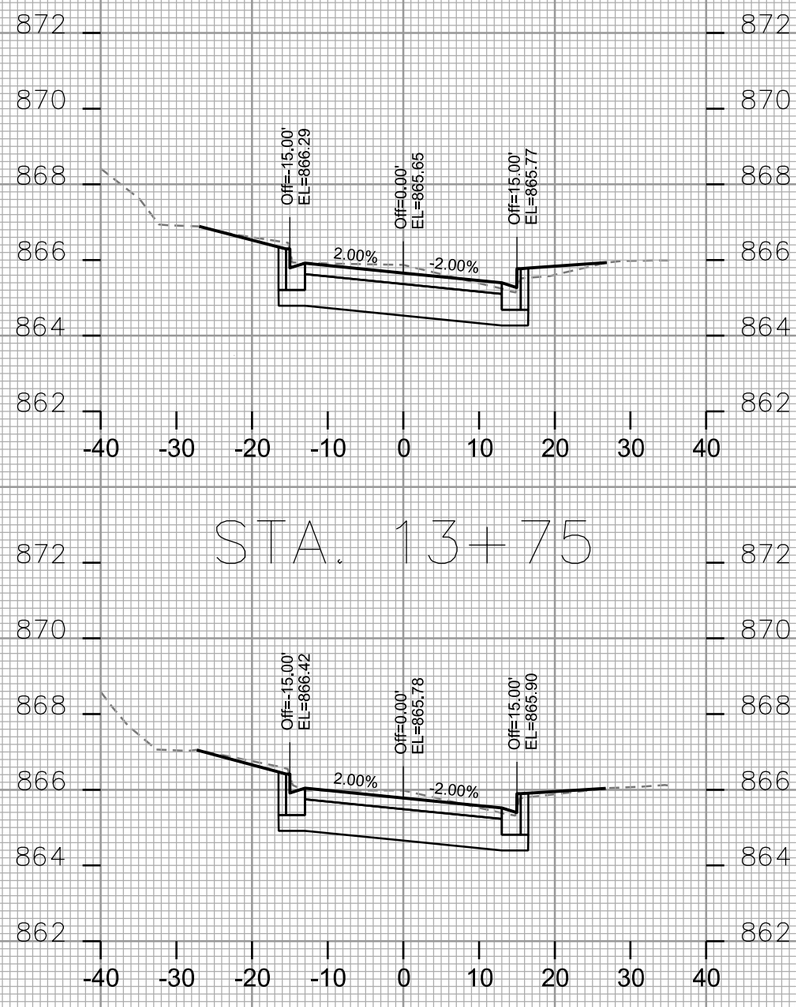


STA. 13+75

STA. 13+00

STA. 13+50

PLOT SCALE:

PLOT NAME:

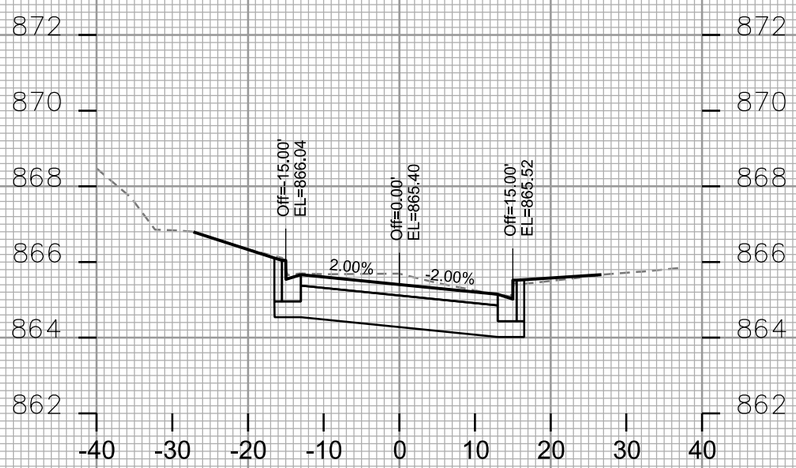
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

DATE: 6/2/2015

SPRUCE STREET - 2015 PROJECT NO 53W1510	SHEET NO. X-11
CROSS SECTIONS	
SPRUCE STREET	CITY OF MADISON



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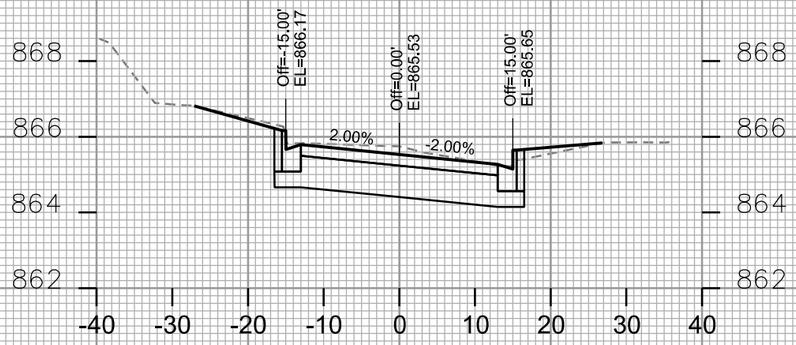

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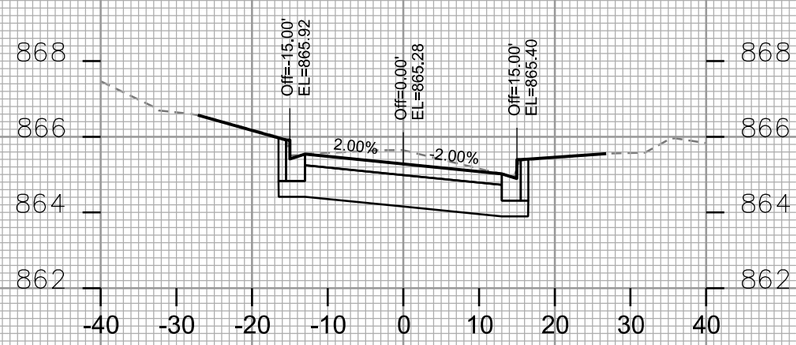

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FT

FT

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

FILE NAME: M:\DESIGN\Projects\53W1510\Streets\Design\53W1510EN-XSectionSpruce.dgn

DATE: 6/2/2015