City of Carroll

112 E. 5th Street Carroll, Iowa 51401-2799 (712) 792-1000 FAX: (712) 792-0139

MEMO TO: Mike Pogge-Weaver, City Manager MTP-W

FROM: Randall M. Krauel, Director of Public Works RMK

DATE: November 21, 2017

SUBJECT: Monument Signage Project

Attached is a copy of the plans and Probable Construction Cost Opinion for the Monument Signage Project. The Project includes both the Downtown Monument Sign and the East Entrance Monument Sign. The plans are 95% complete based on direction provided to date.

The Probable Construction Cost Opinion is detailed on the attached and summarized as follows:

Site Costs	$ 17,375.00
East Entrance Monument Sign	$ 40,032.50
Downtown Monument Sign	$ 36,670.00
Contingency	$ 9,407.75
Total	$103,485.25

RECOMMENDATION: Mayor and City Council consideration and direction on proceeding with the Monument Signage Project.

RMK:ds

attachments (2)

CARROLL MONUMENT SIGNAGE

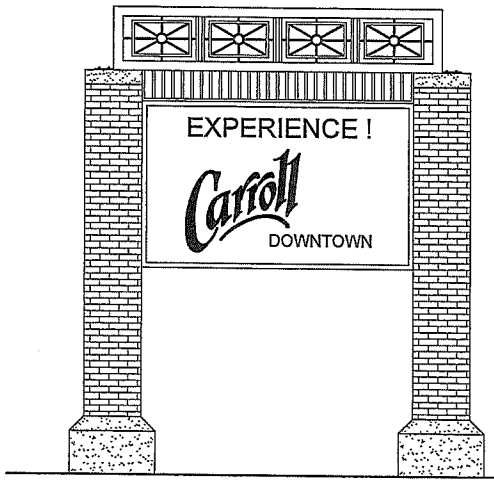
EAST ENTRANCE MONUMENT SIGN ON US 30 AT CITY LIMIT
DOWNTOWN MONUMENT SIGN ON US 30 BETWEEN N. WEST STREET & N. CARROLL STREET

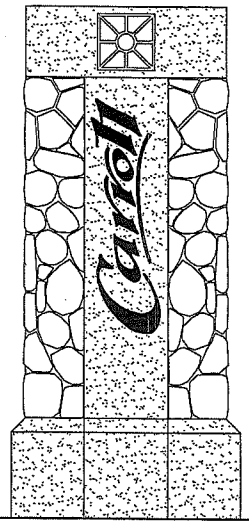
CARROLL , IOWA

CONFLUENCE PROJECT NO: 17016

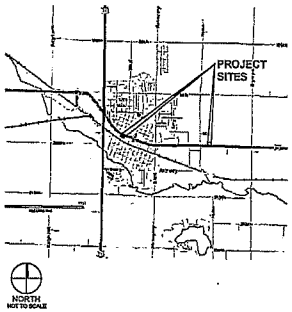
SYMBOLS AND ABBREVIATIONS

- PROPERTY LINE
- WATER MAIN
- SANITARY SEWER
- STORM SEWER
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- CENTERLINE
- FIBER OPTIC LINE
- GAS LINE
- EASEMENT LINE
- SILT FENCE
- PROPOSED INDEX CONTOUR
- PROPOSED CONTOUR
- EXISTING INDEX CONTOUR
- EXISTING CONTOUR
- C# HORIZONTAL CURVE
- CLR. CLEARANCE
- DIA. DIAMETER
- EJ EXPANSION JOINT
- FES FLARED END SECTION
- FFE FINISHED FLOOR ELEVATION
- FL FLOW LINE
- HP HIGH POINT
- LP LOW POINT
- MFR. MANUFACTURER
- N.I.C. NOT IN CONTRACT
- PVC P.V.C. PIPE
- R RADIUS
- RCP REINFORCED CONCRETE PIPE
- RIM RIM ELEVATION
- FIRE HYDRANT
- WATER VALVE
- TEE CONNECTION
- LIGHT POLE, SINGLE FIXTURE
- LIGHT POLE, DOUBLE FIXTURE
- SPOT ELEVATION
- HORIZONTAL CONTROL POINTS
- KEY NOTE
- SURFACE DRAINAGE
- STORM MANHOLE
- SANITARY MANHOLE
- CLEANOUT
- STORM SEWER CURB INTAKE
- STORM SEWER AREA INTAKE
- HANDICAP PARKING STALL





PROJECT LOCATION MAP



CONFLUENCE

DRAWING INDEX

SHEET NUMBER	SHEET TITLE
L000	COVER SHEET
L100	SIZE SCHEDULE
L200	EAST ENTRANCE SIGN LAYOUT PLAN
L310	DOWNTOWN MONUMENT SIGN LAYOUT PLAN
L410	DOWNTOWN MONUMENT SIGN PLANTING PLAN
L500	EAST ENTRANCE SIGN DETAILS
L510	DOWNTOWN MONUMENT SIGN DETAILS
L520	DOWNTOWN MONUMENT SIGN DETAILS

ENLARGED VICINITY SKETCH

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ONE CALL
TOLL FREE 800.292.8989

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LANDSCAPE ARCHITECT

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525 17TH STREET
DES MOINES, IOWA 50309
PHONE: 515.288.4875
CONTACT: JIM HOST

STATE OF IOWA — CHRIS DELLA VEDOVA — LANDSCAPE ARCHITECT NO. 335 — LICENSED LANDSCAPE ARCHITECT

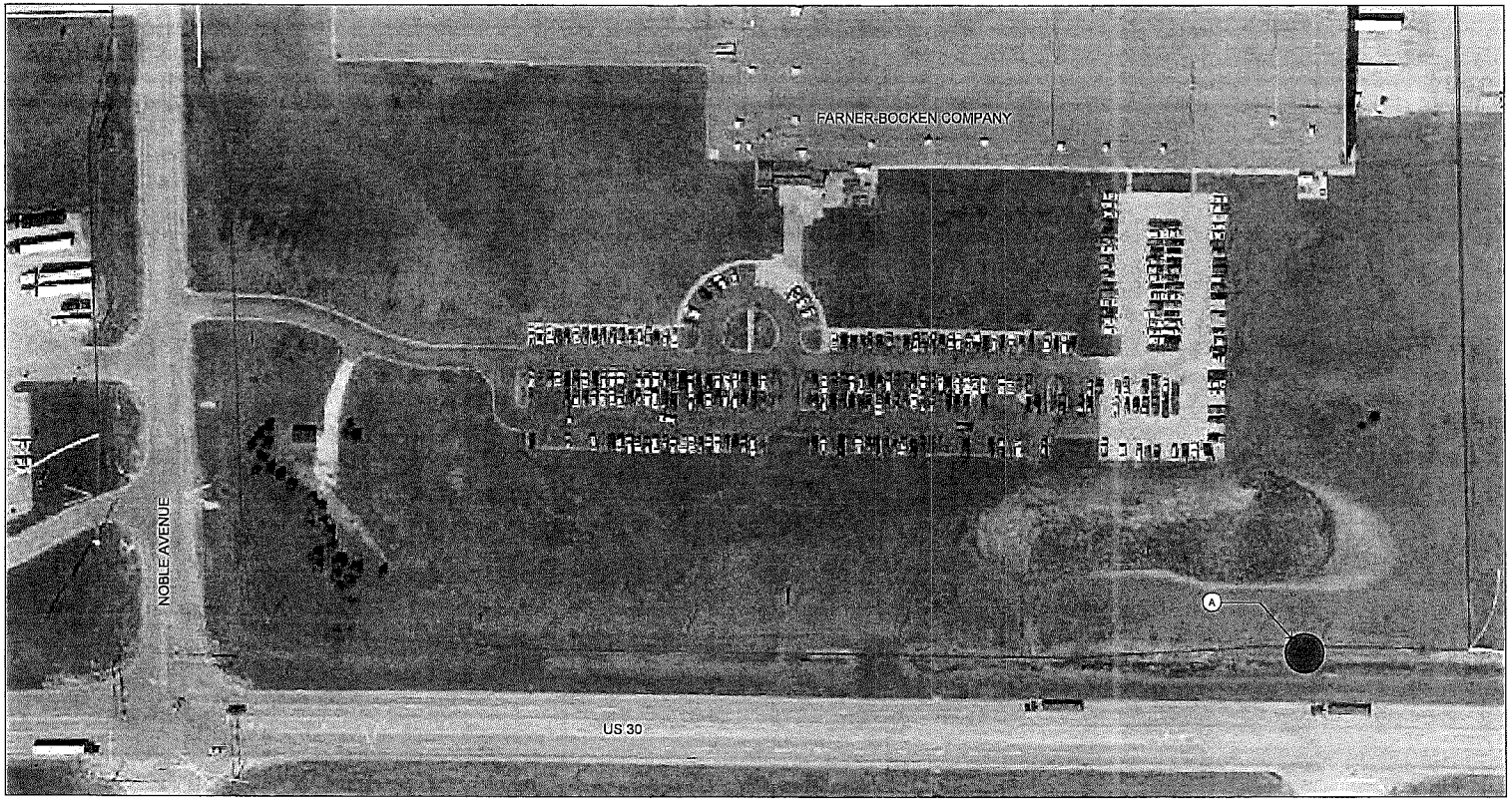
I HEREBY CERTIFY THAT THE PORTION OF THIS DOCUMENT DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY PERSONAL SUPERVISION, AND THAT I AM A DULY LICENSED LANDSCAPE ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA.

CHRIS DELLA VEDOVA IOWA REGISTRATION #335 DATE

MY REGISTRATION DATE IS JUNE 30, 2017

SHEETS COVERED BY THIS SEAL: L100, L200, L210, L410, L500, L510, L520

File Location: R:\2017\Cos Kidwell\17016 - Carroll Monument Signage\ACAD\L000 COVER\ Drawn by: XX Checked by: XX



KEYNOTES:

(A) APPROXIMATE LOCATION FOR EAST ENTRANCE MONUMENT SIGN. FINAL LOCATION TO BE FIELD DETERMINED BY CITY OF CARROLL.

LAYOUT NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
2. VERIFY COORDINATES PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO SUPPLY AND INSTALL ALL NECESSARY SLEEVES UNDER PAVING AND WALKS.
4. PROPOSED SIGNAGE TO MEET CITY CODES FOR GROUND SIGNS.

01 PLAN: EAST ENTRANCE SIGN LOCATION

SCALE: 1"=60'
0' 15' 30' 60' 120'

File Location: K:\2017 Des Moines\17016 - Carroll Monument Signage\CAD\L200 East Sign Layout / Drawn by: XX / Checked by: XX

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CARROLL MONUMENT SIGNS

CARROLL, IOWA

REVISION SCHEDULE

ISSUE	DATE	DESCRIPTION
CD 95	6/23/2017	95% REVIEW SET

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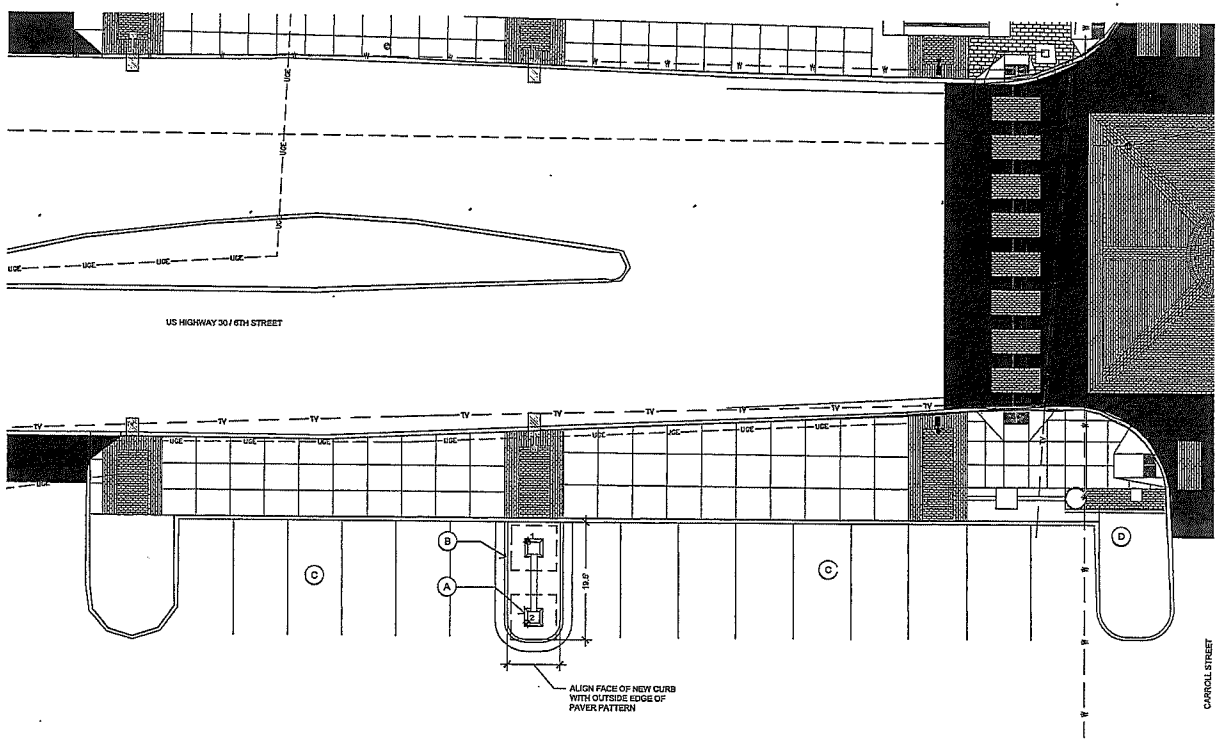
EAST MONUMENT SIGN LAYOUT PLAN

CONFLUENCE PROJECT NO: 17016

L200



LAYOUT NOTES:

1. ALL CURBS RAMPS TO BE BUILT AS PER FEDERAL ACCESSIBILITY STANDARDS.
2. PAVING DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
3. BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM SURVEY ARE PREPARED BY JEO CONSULTING GROUP, 724 SIMON AVENUE, CARROLL, IOWA, 51401.
4. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
5. VERIFY COORDINATES PRIOR TO CONSTRUCTION.
6. CONTRACTOR TO SUPPLY AND INSTALL ALL NECESSARY SLEEVES UNDER PAVING AND WALKS.
7. PROPOSED SIGNAGE TO MEET CITY CODES FOR GROUND SIGNS.

KEYNOTES:

(A) NEW MONUMENT SIGN, SEE SHEETS L510 AND L520.

(B) REMOVE PARKING PAVING AND INSTALL NEW ISLAND WITH 6" CURB & GUTTER AS SHOWN.

(C) RESTRIPE STALLS.

(D) DIRECTIONAL BORE CONDUIT, AND INSTALL WIRING, FROM EXIST. PANEL TO SIGN LOCATION.

CONTROL POINT DATA		
#	Position X	Position Y
1	4549102.30	3490249.54
2	4549097.89	3490236.95

01 PLAN: DOWNTOWN SIGN LOCATION

SCALE: 1"=10' 0' 2.5' 5' 10' 20'

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CARROLL MONUMENT SIGNS

CARROLL, IOWA

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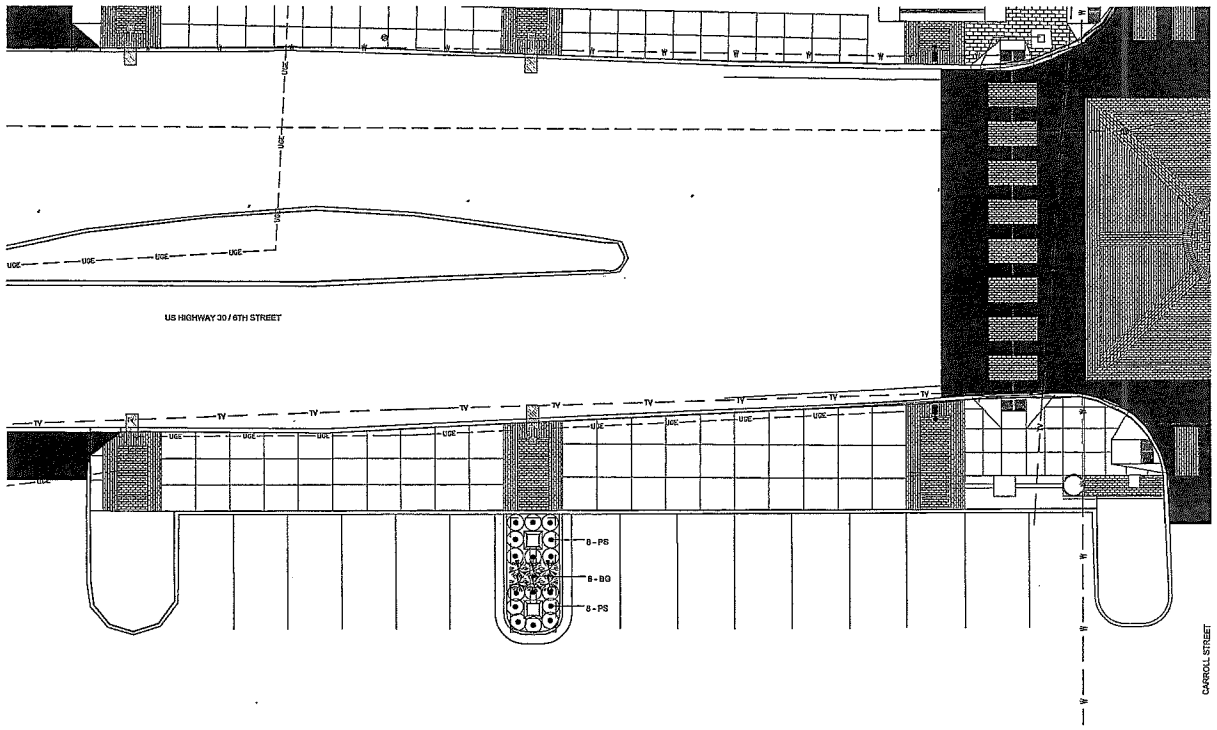
DOWNTOWN SIGN LAYOUT PLAN

CONFLUENCE PROJECT NO: 17016

L210

File Location: N:\2017\Des Moines\17016 - Carroll Monument Signs\CAD\L210 Downtown Sign Layout / Drawn by: XX / Checked by: XX



PLANT SCHEDULE						
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	PLANT SIZE
PERENNIALS						
PS	16	Phlox stolonifera 'Red Wings'	RED WINGS CREEPING PHLOX	#1	CONT.	6" H X 36" W
GRASSES						
BG	8	Bouteloua gracilis 'Blonde Ambition'	BLONDE AMBITION BLUE GRAMA GRASS	#3	CONT.	36" H X 36" W

PLANTING NOTES:

1. SOD ALL AREAS WITHIN CONTRACT LIMITS, NOT COVERED BY PAVING, BUILDINGS, OR PLANTING BEDS, UNLESS OTHERWISE NOTED.
2. PLANT QUANTITIES ARE FOR INFORMATION ONLY; DRAWING SHALL PREVAIL IF CONFLICT OCCURS.
3. NOTIFY LANDSCAPE ARCHITECT AFTER STAKING IS COMPLETED AND BEFORE PLANT PITS ARE EXCAVATED.
4. CONTRACTOR SHALL PLACE SHREDDED BARK MULCH AROUND ALL TREES AND IN ALL PLANTING BEDS TO A DEPTH OF 3".
5. KIND, SIZE AND QUALITY OF PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK, ANSI Z60-1992, OR MOST RECENT EDITION.
6. THE CONTRACTOR SHALL REPORT SUBSURFACE SOIL OR DRAINAGE PROBLEMS TO THE LANDSCAPE ARCHITECT.
7. THE CONTRACTOR SHALL SHOW PROOF OF PROCUREMENT, SOURCES, QUANTITIES AND VARIETIES FOR ALL SHRUBS, PERENNIALS, ORNAMENTAL GRASSES, AND ANNUALS WITHIN 21 DAYS FOLLOWING THE AWARD OF CONTRACT. TIMELY PROCUREMENT OF ALL PLANT MATERIAL IS ESSENTIAL TO THE SUCCESSFUL COMPLETION AND INITIAL ACCEPTANCE OF THE PROJECT.
8. SUBSTITUTIONS SHALL ONLY BE ALLOWED WHEN THE CONTRACTOR HAS EXHAUSTED ALL SOURCES FOR THE SPECIFIED MATERIAL, AND HAS PROVEN THAT THE SPECIFIED MATERIAL IS NOT AVAILABLE. THE CONTRACTOR MUST PROVIDE NAME AND VARIETY OF SUBSTITUTION TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO TAGGING OR PLANTING. SUBSTITUTIONS SHALL BE NEAREST EQUIVALENT SIZE OF VARIETY OF PLANT HAVING SAME ESSENTIAL CHARACTERISTICS.
9. ALL PLANT MATERIAL SHALL BE NURSERY GROWN, SOUND, HEALTHY, VIGOROUS AND FREE FROM INSECTS, DISEASE AND INJURIES, WITH HABIT OF GROWTH THAT IS NORMAL FOR THE SPECIES. SIZES SHALL BE EQUAL TO OR EXCEEDING SIZES INDICATED ON THE PLANT LIST. THE CONTRACTOR SHALL SUPPLY PLANTS IN QUANTITY AS SHOWN ON THE DRAWINGS.
10. STAKE OR PLACE ALL PLANTS IN FIELD AS INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT FOR APPROVAL BY THE OWNER PRIOR TO PLANTING.

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CARROLL MONUMENT SIGNS

CARROLL, IOWA

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DOWNTOWN SIGN PLANTING PLAN

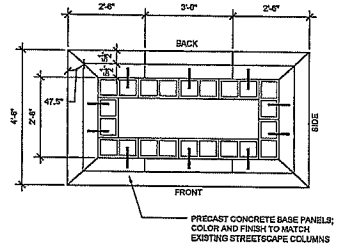
CONFLUENCE PROJECT NO: 17016

L410

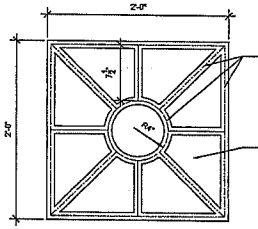
01 PLAN: DOWNTOWN SIGN PLANTING

SCALE: 1"=10' 0 2.5 5 10 20

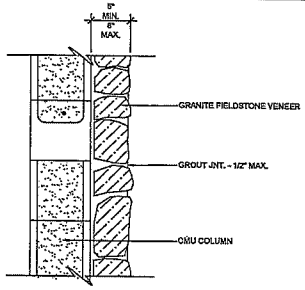
File Location: K:\2017\Dos Moines\17016 - Carroll Monument Signage\CADD\L410 Downtown Sign Planting / Drawn by: XX / Checked by: XX



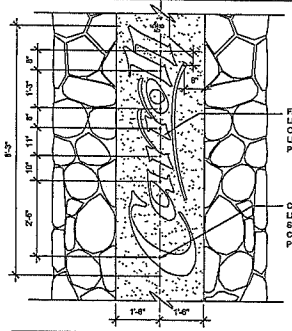
8 L500 PLAN: PRECAST BASE N.T.S.



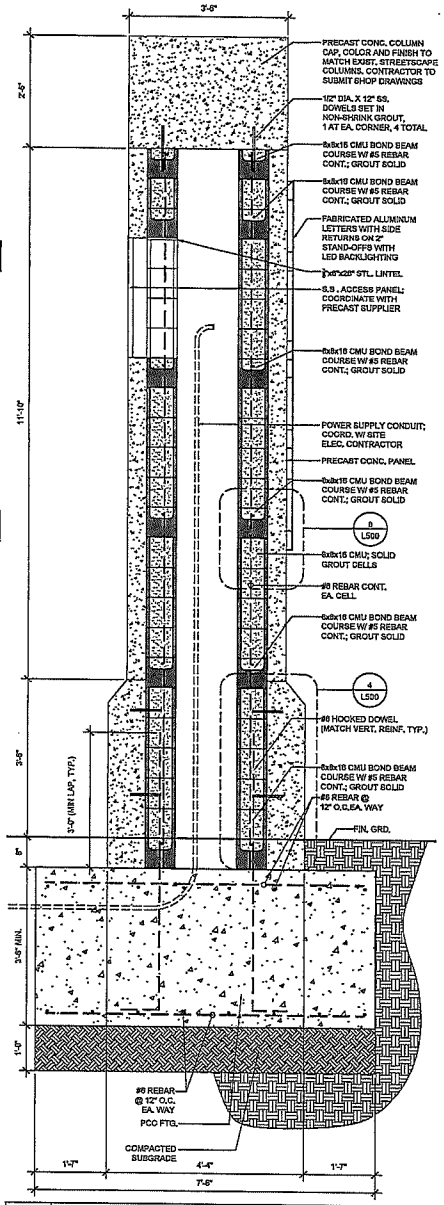
7 L500 ELEVATION: LASER CUT MEDALLION N.T.S.



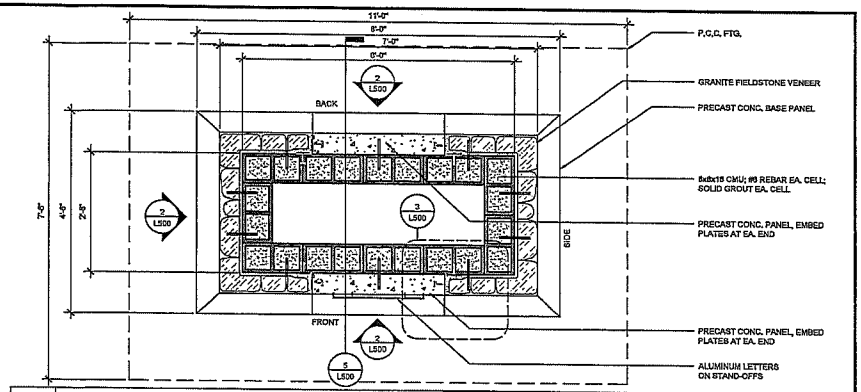
8 L500 SECTION: FIELD STONE VENEER N.T.S.



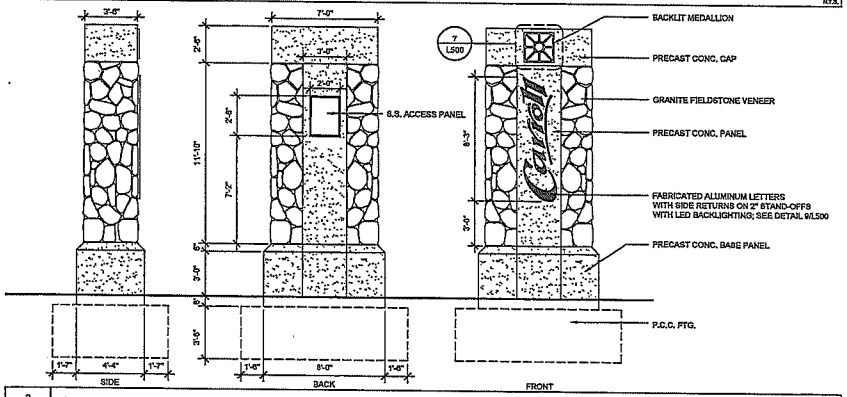
9 L500 ELEVATION: ALUMINUM LETTERS N.T.S.



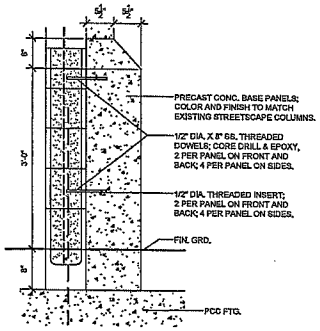
5 L500 SECTION: EAST MONUMENT SIGN N.T.S.



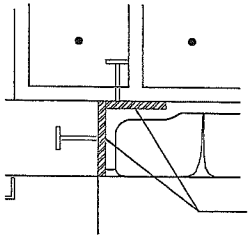
1 L500 PLAN: EAST MONUMENT SIGN N.T.S.



2 L500 ELEVATIONS: EAST MONUMENT SIGN N.T.S.



4 L500 SECTION: PRECAST BASE PANEL N.T.S.



3 L500 PLAN ENLARGEMENT: PRECAST CONNECTION N.T.S.

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CARROLL MONUMENT SIGNS

CARROLL, IOWA

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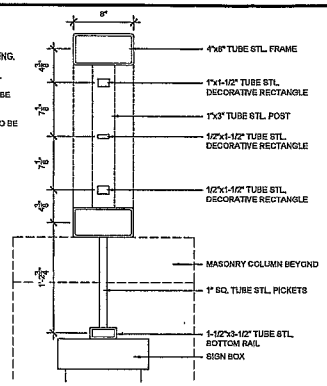
EAST ENTRANCE SIGN DETAILS

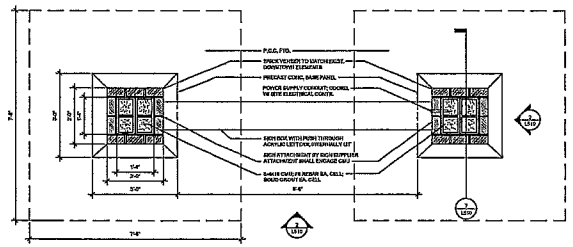
CONFLUENCE PROJECT NO: 17016

L500

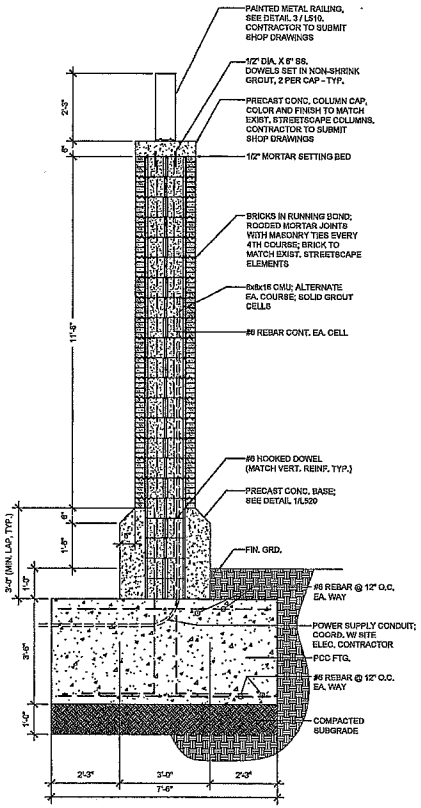
NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR DECORATIVE RAILING.
2. ALL WELDS TO BE GROUND SMOOTH.
3. ALL RAILING COMPONENTS TO BE POWDER COATED BLACK.
4. ALL FASTENERS TO BE PAINTED BLACK.



4 L510 SECTION: RAILING AT DOWNTOWN SIGN N.T.S

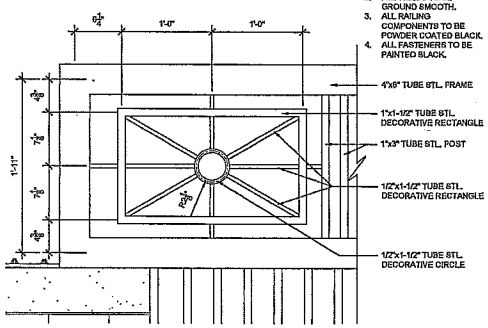


1 L510 PLAN: DOWNTOWN MONUMENT SIGN N.T.S

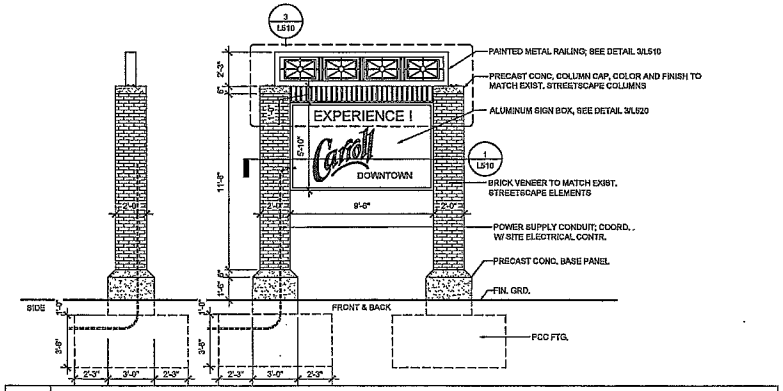


7 L510 SECTION: DOWNTOWN SIGN COLUMN N.T.S

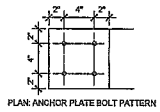
NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR DECORATIVE RAILING.
2. ALL WELDS TO BE GROUND SMOOTH.
3. ALL RAILING COMPONENTS TO BE POWDER COATED BLACK.
4. ALL FASTENERS TO BE PAINTED BLACK.



5 L510 ELEVATION: METAL RAILING STAR DETAIL N.T.S

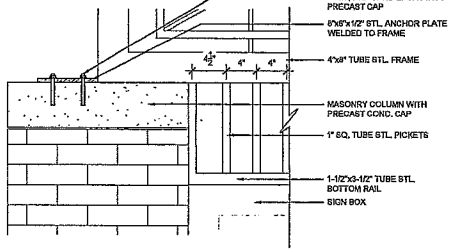


2 L510 ELEVATIONS: DOWNTOWN MONUMENT SIGN N.T.S



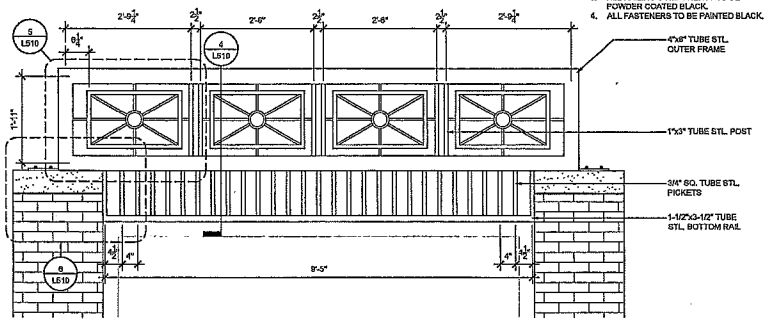
PLAN: ANCHOR PLATE BOLT PATTERN

NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR DECORATIVE RAILING.
2. ALL WELDS TO BE GROUND SMOOTH.
3. ALL RAILING COMPONENTS TO BE POWDER COATED BLACK.
4. ALL FASTENERS TO BE PAINTED BLACK.



8 L510 ELEVATION: METAL RAILING PICKETS N.T.S

NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR DECORATIVE RAILING.
2. ALL WELDS TO BE GROUND SMOOTH.
3. ALL RAILING COMPONENTS TO BE POWDER COATED BLACK.
4. ALL FASTENERS TO BE PAINTED BLACK.



3 L510 ELEVATION: METAL RAILING AT DOWNTOWN MONUMENT SIGN N.T.S

File Location: N:\2017\Des Moines\17016 - Carroll Monument Signage\CAD\L510 Site Details / Drawn by: XX / Checked by: XX

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CARROLL MONUMENT SIGNS

CARROLL, IOWA

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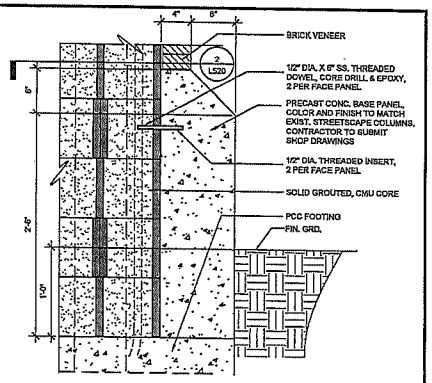
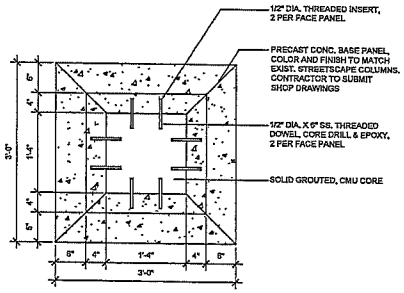
DOWNTOWN SIGN DETAILS

CONFLUENCE PROJECT NO: 17016

L510



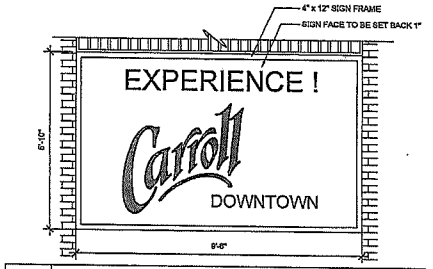
4 L520	NOT USED	N.T.S
4 L520	NOT USED	N.T.S
4 L520	NOT USED	N.T.S
1 L520	SECTION: PRECAST CONCRETE BASE PANEL	N.T.S



5 L520	NOT USED	N.T.S
5 L520	NOT USED	N.T.S
5 L520	NOT USED	N.T.S
2 L520	PLAN: PRECAST CONCRETE BASE PANELS	N.T.S

NOTES:

1. ALUMINUM SIGN BOX, PROVIDE ACCESS PANELS AS NECESSARY, KYNAR SILVER METALLIC FINISH.
2. BACKLIT, WATERJET CUT NEGATIVE LETTERS WITH ACRYLIC PUSH THROUGH (1/4" PAST FACE); ACRYLIC IS BACKLIT WITH WHITE LED SOURCE.
3. CARROLL LOGO AND DOWNTOWN TO BE RED ACRYLIC; EXPERIENCE ! TO BE DAY / NIGHT ACRYLIC.
4. SIGN CONTRACTOR TO COORDINATE WITH OTHER TRADES.
5. SIGN CONTRACTOR TO FABRICATE TOP METAL RAILING.
6. SIGN CONTRACTOR TO PROVIDE SHOP DRAWINGS, INCLUDING INTERFACE WITH METAL RAILING AND COLUMN CONNECTIONS.



7 L520	NOT USED	N.T.S
6 L520	NOT USED	N.T.S
6 L520	NOT USED	N.T.S
3 L520	ELEVATION: ALUMINUM SIGN BOX	N.T.S

File Location: N:\2017\Des Moines\17018 - Carroll Monument Signs\CAD\L510 Site Details / Drawn by: XX / Checked by: XX

CONFLUENCE

LANDSCAPE ARCHITECT
CONFLUENCE
525 17th STREET
DES MOINES, IOWA 50309
PH: 515.288.4875 FAX: 515.288.8359

CARROLL MONUMENT SIGNS

CARROLL, IOWA

REVISION SCHEDULE

ISSUE	DATE	DESCRIPTION
CD 01	9/22/2017	95% REVIEW SET
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

ISSUED FOR
CD
95%
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DOWNTOWN SIGN DETAILS

CONFLUENCE PROJECT NO: 17018

L520

CONFLUENCE
525 17th Street Des Moines, IA 50309
Tel 515-288-4875 WWW.THINKCONFLUENCE.COM

Probable Construction Cost Opinion

The amounts stated herein are our best estimate of probable construction costs based on current information. Because costs are influenced by market conditions, changes in project scope, and other factors beyond our control, we cannot ensure that actual construction costs will equal this cost opinion.

Carroll Monument Signage

Carroll, Iowa

17016
8/25/2017

Site Costs	Qty	Unit	Unit Cost	Item Total	Remarks
Mobilization	1	LS	$ 6,000.00	$ 6,000.00	
Pavment Demolition	275	SF	$ 5.00	$ 1,375.00	
Extend Power to Signs	1	LS	$ 10,000.00	$ 10,000.00	Allowance
Subtotal Site				$17,375.00	
East Entrance Monument Sign					
Signage (Cost from ASI Signage)	1	LS	$ 9,750.00	$ 9,750.00	Includes letters, led backlighting, metal detail
Concrete	11	CY	$ 650.00	$ 7,150.00	Footing complete
Concrete Masonry Units (CMU)	277	SF	$ 12.50	$ 3,462.50	8x8x16
Precast Concrete	191	CF	$ 70.00	$ 13,370.00	Includes cap, base, letter backup
Granite Fieldstone	210	SF	$ 30.00	$ 6,300.00	
Subtotal East Entrance				$ 40,032.50	
Downtown Monument Sign					
Signage (Cost from ASI Signage)	1	LS	$ 17,000.00	$ 17,000.00	Includes signage, lighting and metal railing
Concrete	15	CY	$ 650.00	$ 9,750.00	Footing complete
Concrete Masonry Units (CMU)	158	SF	$ 12.50	$ 1,975.00	8x8x16
Precast Concrete	64	CF	$ 70.00	$ 4,480.00	Includes caps, base
Modular Brick	210	SF	$ 16.50	$ 3,465.00	2-1/4" x 3-5/8" x 7-5/8"
Subtotal Downtown				$ 36,670.00	
Grand Subtotal				$94,077.50	
Contingency at 10%				$ 9,407.75	
Total				$103,485.25	