SECTION 00911 - ADDENDUM 6

PART 1 - GENERAL

1.1 PROJECT INFORMATION

A. Project Name: South Main Corridor Improvement Project

B. Engineer: SK Design Group, Inc.

C. Engineer's Project Number: 16-108.

D. Date of Addendum: March 12, 2021

1.2 NOTICE TO BIDDERS

A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.

B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.

1.3 ATTACHMENTS

A. This Addendum includes the following attached Documents:
1. Revised UNIT PRICE BID FORM
2. Sheet C00.52
3. Sheet C03.04
4. Sheet C03.05
5. Sheet C04.13
6. Sheet C08.20
7. Sheet C08.21
8. Sheet C08.22
9. Sheet C08.27
10. Sheet C12.01
11. Sheet C12.11
12. Sheet C12.21
13. Sheet L02.03
14. Sheet L02.05

1.4 GENERAL REVISIONS

A. Questions and Responses
1. Corrugation Type for CMP

a. Question: Since the contractor has the option to use high density polypropylene in lieu of polymer coated CMP and since polypropylene pipe has a smooth interior, I assume you want the "Spiral-Rib" corrugation type for the Polymer CMP, since it also has a smooth interior (manning's n = 0.012)? The "spiral rib" corrugation type is listed in Section 2600 of the kcmo Storm specs.
b. Response: The CMP pipe does not need to be smooth on the interior.

2. Gaskets for CMP
   a. Question: Since there are no gaskets called out for the Polymer CMP and since the polymer coating on both sides on the band does provide additional tightness when in contact with the outer polymer coating on the CMP, is it appropriate to assume no gasket needed?
   b. Response: Yes.
3. Wall Profile CMP
   a. Question: Is the Triple wall Polypropylene pipe (all diameter) the desired wall profile in lieu of the double wall?
   b. Response: Both would be acceptable.
4. Slotted Drain CMP
   a. Question: Since Polymer CMP is acceptable for the storm sewer pipe, can Polymer coated Slotted drain be an acceptable alternate to the specified ADS Duraslot 1260-DS? The cmp portion of "Slotted drain" is polymer coated and the 3/16" thick "heavy duty" grate is hot dip galvanized, versus the Duraslot grate = 1/16" thick.
   b. Response: Yes.
5. Fiber Optic
   a. Question: Can you also provide some additional information on the fiber optic termination at each controller. Are we to terminate the fibers and if so can we get some direction on what is wanted. Plans are rather vague. It wouldn't be as much of an issue if this was 6 count fiber but this is 96 count fiber
   b. Response: Fiber optic cable shall be 96 count consisting of 8 buffer tubes each having 12 fiber strands. For the traffic signal network, termination of the fiber optic at the controller cabinet shall be done by splicing the 12 strands of one buffer tube underground in the junction box (pull box) closest to the cabinet (mid span splicing in vault) with the 12 strands brought up to the cabinet with a factory terminated panel. The remaining 7 buffer tubes (84 strands) shall be reserved for use by other networks as needed in the future. For additional information on fiber optic interconnect, refer to the 2020 Missouri Standard Specifications for Highway Construction, Fourth Edition, April 2021, Section 1092.4.5.5.1 thru 1092.4.5.5.3"
6. Flowable Fill for Backfilling
   a. Question: Note 16 of the general utility notes on sheet C00.51 Indicates that storm sewers and waterlines shall be constructed as detailed. All storm sewers and waterline trenches under the paving shall be backfilled with flowable fill. Is flowable fill required for backfilling under sidewalks and drives.
   b. Response: Flowable backfill is required under the driveways but not under the sidewalks
7. Broken Concrete in Deep Fills.
   a. Question: Is it acceptable to place broken-up concrete in deep fills?
   b. Response: Contractor will have to obtain approval from MoDOT to place the broken-up concrete in deep fills.
8. Steel Conduits for Evergy
   a. Question: Evergy is getting enquiries from bidders about steel conduits.
   b. Response: Evergy does not require steel conduits anywhere.

1.5 SPECIFICATION REVISIONS

A. Unit Price Bid Form: replace the unit price form with the attached updated unit price form.

1.6 DRAWING REVISIONS

A. Delete the following drawing sheets in their entirety and replace with attached revised and clouded Addendum 6 drawings.
   1. Sheet C00.52 – Revised quantities
   2. Sheet C03.04 - Revised limits of Existing Water main to be abandoned in place
   3. Sheet C03.05 - Revised limits of Existing Water main to be abandoned in place
   4. Sheet C04.13 - Corrected LF of rail
   5. Sheet C08.20 - Updated profile as a result of upstream changes to avoid sanitary sewer conflict with pipe C7-C6.
   6. Sheet C08.21 - Updated profile as a result of upstream changes to avoid sanitary sewer conflict with pipe C7-C6.
   7. Sheet C08.22 - Updated profile to avoid sanitary sewer conflict with pipe C7-C6.
   8. Sheet C08.27 - Added note to relocate the existing sanitary sewer forcemain, as required. Cost for relocation is to be subsidiary to storm sewer cost.
   9. Sheets C12.01, C12.11, and C12.21 – Added notes.
   10. Sheet L02.03 – Revised sign column masonry for a full-depth (modular) brick veneer, in lieu of thin-brick. Column dimensions are adjusted, as required, with slight width modifications.
   11. Sheet L02.05 – Revised sign base masonry for a full-depth (modular) brick veneer, in lieu of thin-brick. Base section dimensions are adjusted, as required. Revised reference to sign graphics provided by the owner.

PART 2 - PRODUCTS - NOT USED

PART 3 - EXECUTION - NOT USED

END OF SECTION 00911

ITEMIZED BID: The bidder proposes to furnish all labor, materials, equipment, services, etc. required for the performance and completion of the work, as follows:

Note: Refer to Section 01270 for measurement and payment of unit price items. Section 01270 supersedes any other references to measurement and payment in the contract documents.

South Main Corridor Improvement Project
Project No. STP-4300 (112)

Line	Item Description:	Unit	Quantity	Unit Price	Total
1	Mobilization	Lump Sum	1.00		
2	Temporary Traffic Control	Lump Sum	1.00		
3	Temporary Erosion Control	Lump Sum	1.00		
4	Clearing and grubbing	Lump Sum	1.00		
5	General Demolition	Lump Sum	1.00		
6	Remove existing tree	Each	4.00		
7	Remove existing asphaltic pavement	SY	16,370.00		
8	Remove existing concrete pavement	SY	10,214.00		
9	Remove existing sidewalk	SY	241.00		
10	Remove existing gravel	SY	5,030.00		
11	Remove existing curb and gutter	LF	9,353.00		
12	Remove existing wall	LF	154.00		
13	Remove existing water line	LF	7,657.00		
14	Abandon existing water line in place and fill with slurry	LF	2,625.00		
15	Remove existing storm line	LF	4,201.00		
16	Abandon existing storm line in place and fill with slurry	LF	1,718.00		
17	Earthwork	Lump sum	1.00		
18.1	15" Dia. RCP Class III Pipe	LF	994.00		
18.2	18" Dia. RCP Class III Pipe	LF	150.00		
18.3	24" Dia. RCP Class III Pipe	LF	193.00		
18.4	30" Dia. RCP Class III Pipe	LF	43.00		
18.5	36" Dia. RCP Class III Pipe	LF	394.00		
18.6	42" Dia. RCP Class III Pipe	LF	46.00		
18.7	48" Dia. RCP Class III Pipe	LF	54.00		
18.8	54" Dia. RCP Class III Pipe	LF	323.00		
18.9	60" Dia. RCP Pipe	LF	58.00		
19.1	54" RCP End Section	Each	1.00		
19.2	60" RCP End Section	Each	2.00		
20	7'x5' RCB Pipe	LF	61.00		
21	57"x38" ARCH Polymer-Coated Pipe	LF	28.00		
22.1	15" Dia. Polymer Coated CMP Pipe	LF	1,755.00		
22.2	18" Dia. Polymer Coated CMP Pipe	LF	1,228.00		
22.3	24" Dia. Polymer Coated CMP Pipe	LF	1,537.00		
22.4	30" Dia. Polymer Coated CMP Pipe	LF	503.00		
22.5	36" Dia. Polymer Coated CMP Pipe	LF	1,206.00		

22.6	42" Dia. Polymer Coated CMP Pipe	LF	913.00		
22.7	48" Dia. Polymer Coated CMP Pipe	LF	713.00		
22.8	60" Dia. Polymer Coated CMP Pipe	LF	130.00		
23.1	15" CMP End Section	Each	3.00		
23.2	18" CMP End Section	Each	1.00		
23.3	24" CMP End Section	Each	1.00		
23.4	60" CMP End Section	Each	1.00		
24.1	12" Dia. HDPE Pipe	LF	10.00		
24.2	15" Dia. HDPE Pipe	LF	41.00		
24.3	18" Dia. HDPE Pipe	LF	16.00		
25	6" Dia. PVC-SDR-26 Pipe	LF	31.00		
26	12" Slotted Drain - ADS Duraslot 1260-DS	LF	1,415.00		
27	12" Trench Drain - ACO S300K Power Drain	LF	30.00		
28.1	5x3 Curb Inlet	Each	43.00		
28.2	5x4 Curb Inlet	Each	14.00		
28.3	5x5 Curb Inlet	Each	4.00		
28.4	5x6 Curb Inlet	Each	2.00		
28.5	6x5 Curb Inlet	Each	3.00		
28.6	6x6 Curb Inlet	Each	1.00		
28.7	8x4 Curb Inlet	Each	6.00		
28.8	8x5 Curb Inlet	Each	5.00		
28.9	8x6 Curb Inlet	Each	6.00		
28.10	8x7 Curb Inlet	Each	1.00		
28.11	11x4 Curb Inlet	Each	1.00		
29.1	4x4 Grate Inlet	Each	3.00		
29.2	5x5 Grate Inlet	Each	1.00		
29.3	6x5 Grate Inlet	Each	1.00		
29.4	8x6 Grate Inlet	Each	1.00		
30.1	4x4 Area Inlet	Each	1.00		
30.2	8x7 Area Inlet	Each	1.00		
31.1	4x4 Junction Box	Each	4.00		
31.2	5x5 Junction Box	Each	4.00		
31.3	6x5 Junction Box	Each	1.00		
31.4	9x9 Junction Box	Each	1.00		
32	2x3 Nyloplast Curb Inlet	Each	2.00		
33	24" Dia. Nyloplast Inlet	Each	3.00		
34	APWA 18" light blanket rock	CY	16.00		
35	APWA 24" light blanket rock	CY	47.00		
36.1	12" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	6,853.00		
36.2	10" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	113.00		

36.3	8" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	818.00		
36.4	6" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	961.00		
36.5	4" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	335.00		
37.1	5/8" Water Service Line (Type K copper)	LF	28.00		
37.2	3/4" Water Service Line (Type K copper)	LF	1,641.00		
37.3	1" Water Service Line (Type K copper)	LF	467.00		
37.4	1.5" Water Service Line (Type K copper)	LF	15.00		
37.5	2" Water Service Line (Type K copper)	LF	540.00		
38	2" Cold Milling	SY	34,200.00		
39.1	4" APWA RC Type 1-01 Asphaltic Concrete Base Course with Asphalt Binder PG 64-22 (2 lifts)	TONS	7,403.00		
39.2	7" APWA RC Type 1-01 Asphaltic Concrete Base Course with Asphalt Binder PG 64-22 (3 lifts)	TONS	1,457.00		
40	Additional asphaltic concrete base course beyond plan quantities as directed by the engineer	TONS	1,110.00		
41	2" APWA Type 5-01 Asphaltic Concrete Surface Course with Asphalt Binder PG 64-22	TONS	4,713.00		
42	Additional asphaltic concrete surface course beyond plan quantities as directed by the engineer	TONS	707.00		
43	Temporary 6” thick APWA RC Type 1-01 asphaltic concrete base course for temporary traffic access and control	TONS	1,200.00		
44.1	6" thick concrete for new pavement full depth base	SY	6,613.00		
44.2	8" thick concrete for new pavement full depth base	SY	728.00		
45	4" thick concrete sidewalk	SY	7,220.00		
46	APWA untreated compacted aggregate	TONS	13,502.00		
47	Concrete curb and gutter	LF	25,776.00		
48	Install ADA Ramp	SY	1,549.00		
49	Adjust top of existing manhole	Each	10.00		
50	Reinforced Concrete Retaining Wall (any height)	SF of face	3,130.00		
51	Retaining wall railing	LF	354.00		
52	Permanent signage	Lump sum	1.00		
53	Traffic signalization at South Main Street / South Avenue	Lump sum	1.00		
54	Traffic signalization at South Main Street / Walmart Drive	Lump sum	1.00		
55	Traffic signalization at South Main Street / Highway "V"/ East South Drive	Lump sum	1.00		
56	Traffic signal interconnect between South Avenue and Highway V	Lump sum	1.00		
57	Wayfinding monument	Each	5.00		
58	Street Lighting	Lump sum	1.00		
59	Underground conduits on the primary and secondary side along with equipment bases. Coordinate with Evergy.	Lump sum	1.00		
60	New Tree Planting	Lump sum	1.00		
61	Erosion control mat	SY	17,500.00		
62	Hydro-seeding	Acres	11.00		
63	Sodding	SY	12,558.00		

64	Pavement Markings	Lump sum	1.00		
65	6” Residential Concrete Driveway	SY	146.00		
66	8” Concrete Commercial Entrance	SY	9,188.00		
67	Fire Hydrant Assembly	Each	13.00		
68	Relocate Pylon sign	Each	3.00		
69	Removal of unsuitable subgrade and replacing with untreated compacted aggregate as directed by the engineer	TONS	2,100.00		
70	Additional removal of existing pavement beyond plan quantities as directed by the engineer	SY	400.00		
71	Additional 6” thick concrete beyond plan quantities as directed by the engineer	SY	200.00		
72	New commercial monument sign	Each	2.00		
				TOTAL PRICE	

NOTICE TO BIDDER:
Bidder must complete the submitted section in its entirety

SUMMARY OF QUANTITIES

BASE BID

Line	Item Description:	Unit	Quantity
1	Mobilization	Lump Sum	1.0
2	Temporary Traffic Control	Lump Sum	1.0
3	Temporary Erosion Control	Lump Sum	1.0
4	Clearing and grubbing	Lump Sum	1.0
5	General Demolition	Lump Sum	1.0
6	Remove existing tree	Each	4.0
7	Remove existing asphaltic pavement	SY	16370.0
8	Remove existing concrete pavement	SY	10214.0
9	Remove existing sidewalk	SY	241.0
10	Remove existing gravel	SY	5030.0
11	Remove existing curb and gutter	LF	9353.0
12	Remove existing wall	LF	154.0
13	Remove existing water line	LF	7657.0
14	Abandon existing water line in place and fill with slurry	LF	2625.0
15	Remove existing storm line	LF	4201.0
16	Abandon existing storm line in place and fill with slurry	LF	1718.0
17	Earthwork	Lump sum	1.0
18.1	15" Dia. RCP Class III Pipe	LF	994.0
18.2	18" Dia. RCP Class III Pipe	LF	150.0
18.3	24" Dia. RCP Class III Pipe	LF	193.0
18.4	30" Dia. RCP Class III Pipe	LF	43.0
18.5	36" Dia. RCP Class III Pipe	LF	394.0
18.6	42" Dia. RCP Class III Pipe	LF	46.0
18.7	48" Dia. RCP Class III Pipe	LF	54.0
18.8	54" Dia. RCP Class III Pipe	LF	323.0
18.9	60" Dia. RCP Pipe	LF	58.0
19.1	54" RCP End Section	Each	1.0
19.2	60" RCP End Section	Each	2.0
20	7'x5' RCB Pipe	LF	61.0
21	57"x38" ARCH Polymer-Coated Pipe	LF	28.0
22.1	15" Dia. Polymer Coated CMP Pipe	LF	1755.0
22.2	18" Dia. Polymer Coated CMP Pipe	LF	1228.0
22.3	24" Dia. Polymer Coated CMP Pipe	LF	1537.0
22.4	30" Dia. Polymer Coated CMP Pipe	LF	503.0
22.5	36" Dia. Polymer Coated CMP Pipe	LF	1206.0
22.6	42" Dia. Polymer Coated CMP Pipe	LF	913.0
22.7	48" Dia. Polymer Coated CMP Pipe	LF	713.0
22.8	60" Dia. Polymer Coated CMP Pipe	LF	130.0
23.1	15" CMP End Section	Each	3.0
23.2	18" CMP End Section	Each	1.0
23.3	24" CMP End Section	Each	1.0
23.4	60" CMP End Section	Each	1.0
24.1	12" Dia. HDPE Pipe	LF	10.0
24.2	15" Dia. HDPE Pipe	LF	41.0
24.3	18" Dia. HDPE Pipe	LF	16.0
25	6" Dia. PVC-SDR-26 Pipe	LF	31.0
26	12" Slotted Drain - ADS Duraslot 1260-DS	LF	1415.0
27	12" Trench Drain - ACO S300K Power Drain	LF	30.0
28.1	5x3 Curb Inlet	Each	43.0
28.2	5x4 Curb Inlet	Each	14.0
28.3	5x5 Curb Inlet	Each	4.0
28.4	5x6 Curb Inlet	Each	2.0
28.5	6x5 Curb Inlet	Each	3.0
28.6	6x6 Curb Inlet	Each	1.0
28.7	8x4 Curb Inlet	Each	6.0
28.8	8x5 Curb Inlet	Each	5.0
28.9	8x6 Curb Inlet	Each	6.0
28.10	8x7 Curb Inlet	Each	1.0
28.11	11x4 Curb Inlet	Each	1.0

29.1	4x4 Grate Inlet	Each	3.0
29.2	5x5 Grate Inlet	Each	1.0
29.3	6x5 Grate Inlet	Each	1.0
29.4	8x6 Grate Inlet	Each	1.0
30.1	4x4 Area Inlet	Each	1.0
30.2	8x7 Area Inlet	Each	1.0
31.1	4x4 Junction Box	Each	4.0
31.2	5x5 Junction Box	Each	4.0
31.3	6x5 Junction Box	Each	1.0
31.4	9x9 Junction Box	Each	1.0
32	2x3 Nyloplast Curb Inlet	Each	2.0
33	24" Dia. Nyloplast Inlet	Each	3.0
34	APWA 18" light blanket rock	CY	16.0
35	APWA 24" light blanket rock	CY	47.0
36.1	12" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	6853.0
36.2	10" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	113.0
36.3	8" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	818.0
36.4	6" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	961.0
36.5	4" Dia. PVC C900 Waterline including fittings, gate valves, tees, sleeves, reducers, etc.	LF	335.0
37.1	5/8" Water Service Line (Type K copper)	LF	28.0
37.2	3/4" Water Service Line (Type K copper)	LF	1641.0
37.3	1" Water Service Line (Type K copper)	LF	467.0
37.4	1.5" Water Service Line (Type K copper)	LF	15.0
37.5	2" Water Service Line (Type K copper)	LF	540.0
3.8	2" Cold Milling	SY	34200.0
39.1	4" APWA RC Type 1-01 Asphaltic Concrete Base Course with Asphalt Binder PG 64-22 (2 lifts)	TONS	7403.0
39.2	7" APWA RC Type 1-01 Asphaltic Concrete Base Course with Asphalt Binder PG 64-22 (3 lifts)	TONS	1457.0
40	Additional asphaltic concrete base course beyond plan quantities as directed by the engineer	TONS	1110.0
41	2" APWA Type 5-01 Asphaltic Concrete Surface Course with Asphalt Binder PG 64-22	TONS	4713.0
42	Additional asphaltic concrete surface course beyond plan quantities as directed by the engineer	TONS	707.0
4.3	Temporary 6" thick APWA RC Type 1-01 asphaltic concrete base course for temporary traffic access and control	TONS	1200.0
44.1	6" thick concrete for new pavement full depth base	SY	6613.0
44.2	8" thick concrete for new pavement full depth base	SY	728.0
45	4" thick concrete sidewalk	SY	7220.0
46	APWA untreated compacted aggregate	TONS	13502.0
47	Concrete curb and gutter	LF	25776.0
48	Install ADA Ramp	SY	1549.0
49	Adjust top of existing manhole	Each	10.0
50	Reinforced Concrete Retaining Wall (any height)	SF of face	3130.0
51	Retaining wall railing	LF	354.0
52	Permanent signage	Lump sum	1.0
53	Traffic signalization at South Main Street / South Avenue	Lump sum	1.0
54	Traffic signalization at South Main Street / Walmart Drive	Lump sum	1.0
55	Traffic signalization at South Main Street / Highway "V"/ East South Drive	Lump sum	1.0
56	Traffic signal interconnect between South Avenue and Highway V	Lump sum	1.0
57	Wayfinding monument	Each	5.0
58	Street Lighting	Lump sum	1.0
59	Underground conduits on the primary and secondary side along with equipment bases. Coordinate with Evergy.	Lump sum	1.0
60	New Tree Planting	Lump sum	1.0
61	Erosion control mat	SY	17500.0
62	Hydro-seeding	Acres	11.0
63	Sodding	SY	12558.0
64	Pavement Markings	Lump sum	1.0

65	6" Residential Concrete Driveway	SY	146.0
66	8" Concrete Commercial Entrance	SY	9188.0
67	Fire Hydrant Assembly	Each	13.0
68	Relocate Pylon sign	Each	3.0
69	Removal of unsuitable subgrade and replacing with untreated compacted aggregate as directed by the engineer	TONS	2100.0
70	Additional removal of existing pavement beyond plan quantities as directed by the engineer	SY	400.0
71	Additional 6" thick concrete beyond plan quantities as directed by the engineer	SY	200.0
72	New commercial monument sign	Each	2.0

ADD-3 ADD-5 ADD-6

SK Design Group, Inc.
4600 College Boulevard,
Suite 100
Overland Park, Kansas 66211
913-451-1818
Fax 913-451-7599

Landscape Architect
Doug Pickert
Indigo Design
8593 Timber Trails Drive
De Soto, KS 66018
Tel: (913) 583-1370

Electrical Engineer
Allyson Evans
Lightworks, Inc.
3618 Main
Weston, MO 64098
Tel: (816) 640-9948

Survey
Adam Teel
Midland Surveying, Inc.
501 North. Market
Maryville, MO 64468
Tel: (660) 582-8633

REV. NO.	DATE	DESCRIPTION
ADD-3	2021-03-05	ADDENDUM #3
ADD-5	2021-03-11	ADDENDUM #5
ADD-6	2021-03-12	ADDENDUM #6

STATE OF MISSOURI
SASSAN MAHOBIAN
NUMBER E-20961
REGISTERED PROFESSIONAL ENGINEER

SK Project No. 16-108
Design: JS
Checked: JC

Issued for: Construction

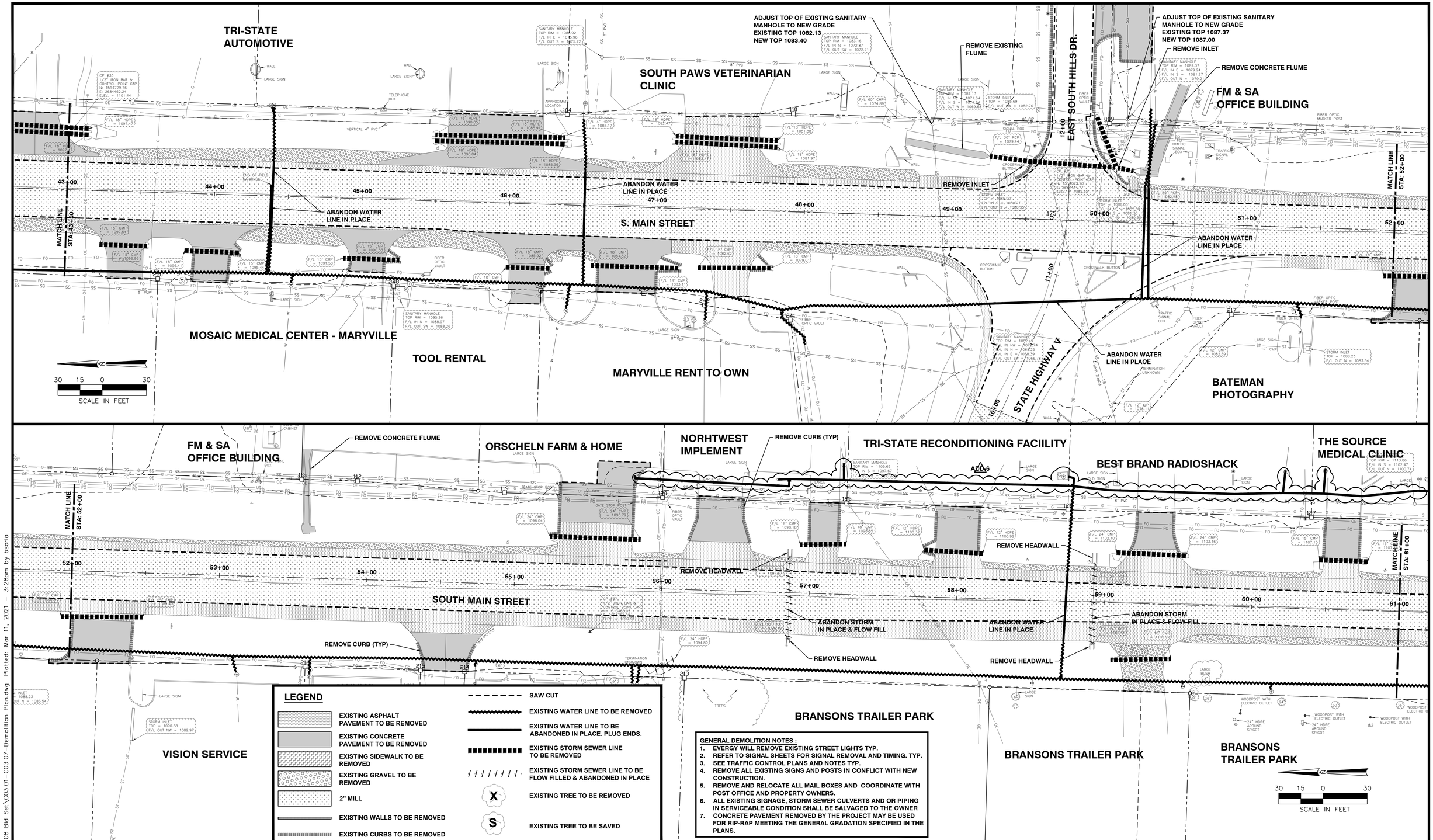
South Main Corridor Improvement Project
STP-4300 (112)
City of Maryville, Missouri

Date: 2021-02-08

QUANTITIES

C00.52

U:\2016\16-108\2021-02-08 Bid Set\C00.51-C00.52- General Notes and Quantities.dwg Plotted: Mar 12, 2021 - 8:51am by snader



LEGEND

- EXISTING ASPHALT PAVEMENT TO BE REMOVED
- EXISTING CONCRETE PAVEMENT TO BE REMOVED
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING GRAVEL TO BE REMOVED
- 2" MILL
- EXISTING WALLS TO BE REMOVED
- EXISTING CURBS TO BE REMOVED
- SAW CUT
- EXISTING WATER LINE TO BE REMOVED
- EXISTING WATER LINE TO BE ABANDONED IN PLACE. PLUG ENDS.
- EXISTING STORM SEWER LINE TO BE REMOVED
- EXISTING STORM SEWER LINE TO BE FLOW FILLED & ABANDONED IN PLACE
- X — EXISTING TREE TO BE REMOVED
- S — EXISTING TREE TO BE SAVED

GENERAL DEMOLITION NOTES :

1. EVERGY WILL REMOVE EXISTING STREET LIGHTS TYP.
2. REFER TO SIGNAL SHEETS FOR SIGNAL REMOVAL AND TIMING. TYP.
3. SEE TRAFFIC CONTROL PLANS AND NOTES TYP.
4. REMOVE ALL EXISTING SIGNS AND POSTS IN CONFLICT WITH NEW CONSTRUCTION.
5. REMOVE AND RELOCATE ALL MAIL BOXES AND COORDINATE WITH POST OFFICE AND PROPERTY OWNERS.
6. ALL EXISTING SIGNAGE, STORM SEWER CULVERTS AND OR PIPING IN SERVICEABLE CONDITION SHALL BE SALVAGED TO THE OWNER
7. CONCRETE PAVEMENT REMOVED BY THE PROJECT MAY BE USED FOR RIP-RAP MEETING THE GENERAL GRADATION SPECIFIED IN THE PLANS.

SK Design Group, Inc.
4600 College Boulevard,
Suite 100
Overland Park, Kansas 66211
913-451-1818
Fax 913-451-7599

Landscape Architect
Doug Pickert
Indigo Design
8593 Timber Trails Drive
De Soto, KS 66018
Tel: (913) 583-1370

Electrical Engineer
Allyson Evans
Lightworks, Inc.
3618 Main
Weston, MO 64098
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REV. NO.	DATE	DESCRIPTION
ADD.6	2021-03-12	ADDENDUM #6

STATE OF MISSOURI — SASSAN MAHOBIAN — NUMBER E-20961 — REGISTERED PROFESSIONAL ENGINEER

SK Project No. 16-108
Design: JS
Checked: JC

South Main Corridor Improvement Project
STP-4300 (112)
City of Maryville, Missouri

Issued for: Construction

Date: 2021-02-08

DEMOLITION PLAN-4

C03.04

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THE SOURCE MEDICAL CLINIC

FAMILY GUIDANCE CENTER FOR BEHAVIORAL HEALTHCARE

REMOVE CONCRETE FLUME AND GRADE TO DRAIN TO DRIVEWAY

EL NOPAL MEXICAN

BEARCATS INN & SUITES

DENTIST

EAST SUMMIT DRIVE

REMOVE CURB (TYP)

MATCH LINE STA: 61+00

ABANDON STORM IN PLACE & FLOW FILL

BRANSONS TRAILER PARK

RESIDENTIAL

CHAMPIONSHIP MOTORS

FAST STOP EXPRESS GAS

MATCH LINE STA: 70+00

SCALE IN FEET

APPLEBEES

HOLIDAY INN EXPRESS

LARRY DRIVE

REMOVE CURB (TYP)

REMOVE CONCRETE FLUME

RE: 2/C00.64 FOR SAW CUT AND REMOVAL LIMITS.
RE: TRAFFIC CONTROL NOTES ON C00.51 AND TRAFFIC CONTROL PLANS SERIES C13.00 FOR ADDITIONAL INFORMATION

SAWCUT PAVEMENT FULL DEPTH

SOUTH MAIN STREET

MATCH LINE STA: 79+00

WELLS BANK

REMOVE CURB (TYP)

GENERAL DEMOLITION NOTES :

1. EVERGY WILL REMOVE EXISTING STREET LIGHTS TYP.
2. REFER TO SIGNAL SHEETS FOR SIGNAL REMOVAL AND TIMING. TYP.
3. SEE TRAFFIC CONTROL PLANS AND NOTES TYP.
4. REMOVE ALL EXISTING SIGNS AND POSTS IN CONFLICT WITH NEW CONSTRUCTION.
5. REMOVE AND RELOCATE ALL MAIL BOXES AND COORDINATE WITH POST OFFICE AND PROPERTY OWNERS.
6. ALL EXISTING SIGNAGE, STORM SEWER CULVERTS AND OR PIPING IN SERVICEABLE CONDITION SHALL BE SALVAGED TO THE OWNER
7. CONCRETE PAVEMENT REMOVED BY THE PROJECT MAY BE USED FOR RIP-RAP MEETING THE GENERAL GRADATION SPECIFIED IN THE PLANS.

LEGEND

- EXISTING ASPHALT PAVEMENT TO BE REMOVED
- EXISTING CONCRETE PAVEMENT TO BE REMOVED
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING GRAVEL TO BE REMOVED
- 2" MILL
- EXISTING WALLS TO BE REMOVED
- EXISTING CURBS TO BE REMOVED
- SAW CUT
- EXISTING WATER LINE TO BE REMOVED
- EXISTING WATER LINE TO BE ABANDONED IN PLACE. PLUG ENDS.
- EXISTING STORM SEWER LINE TO BE REMOVED
- EXISTING STORM SEWER LINE TO BE FLOW FILLED & ABANDONED IN PLACE
- X EXISTING TREE TO BE REMOVED
- S EXISTING TREE TO BE SAVED

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STATE OF MISSOURI — SASSAN MAHOBIAN — NUMBER E-20961 — REGISTERED PROFESSIONAL ENGINEER

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DEMOLITION PLAN-5

C03.05

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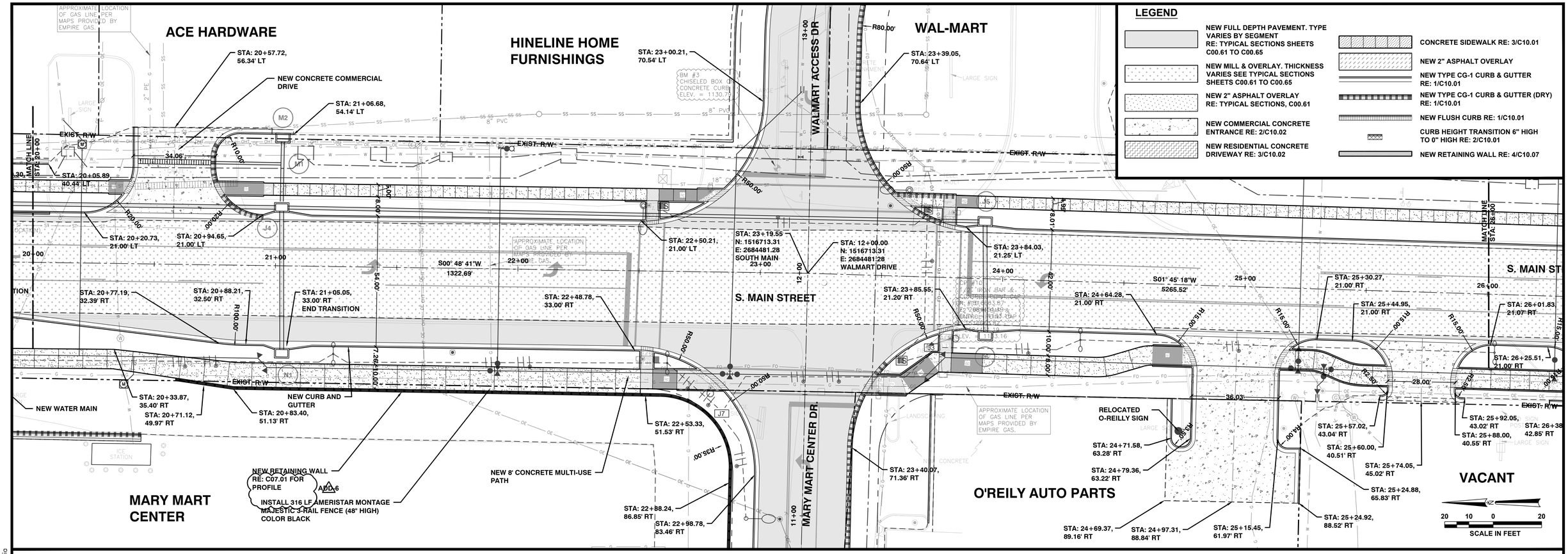

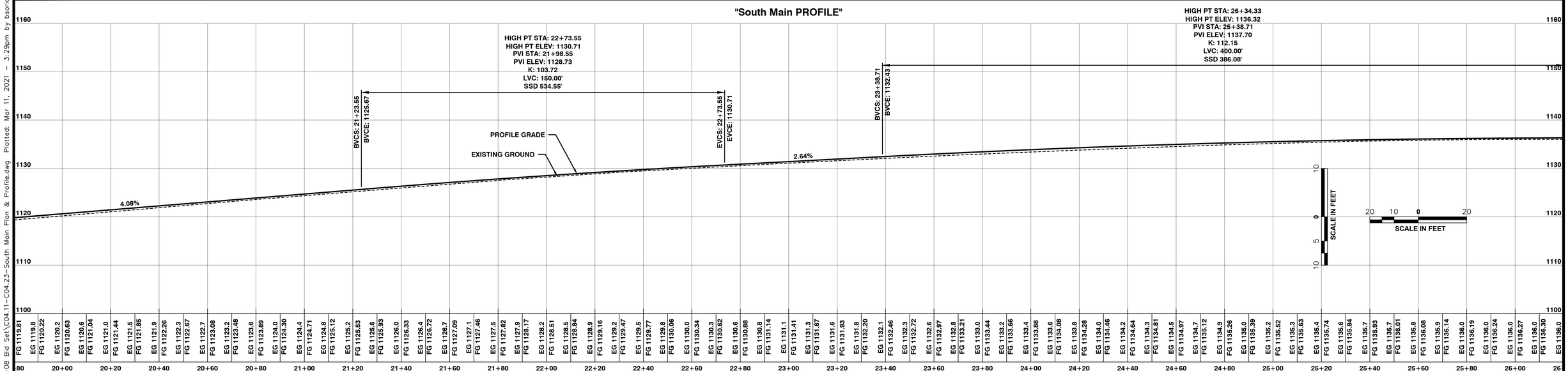

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STATE OF MISSOURI — SASSAN MAHOBIAN — NUMBER E-20961 — REGISTERED PROFESSIONAL ENGINEER

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SOUTH MAIN PLAN AND PROFILE-3

C04.13

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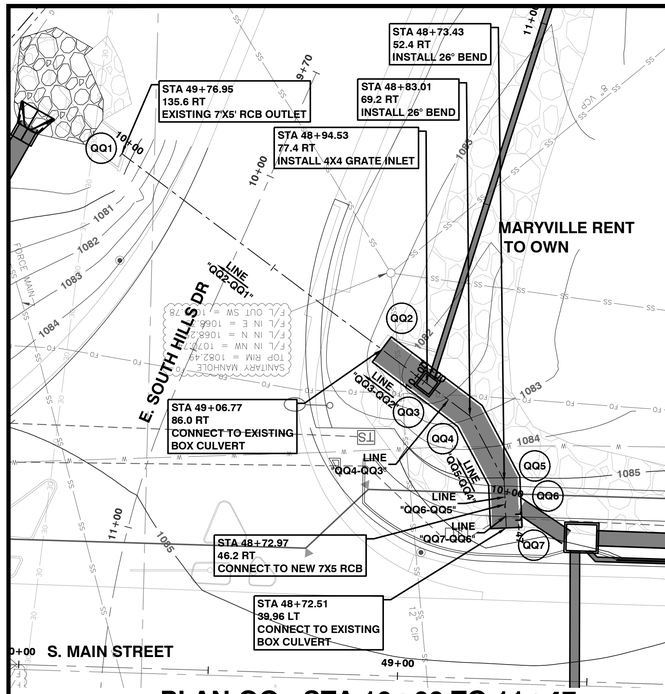
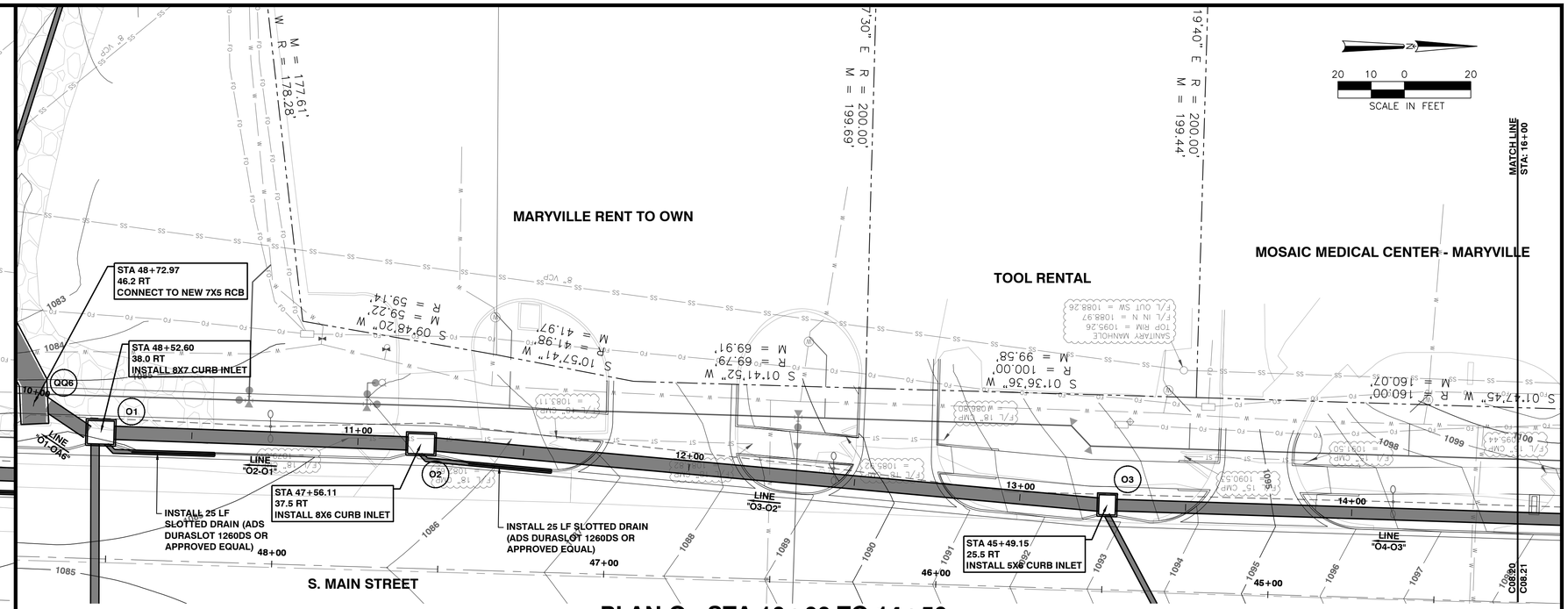
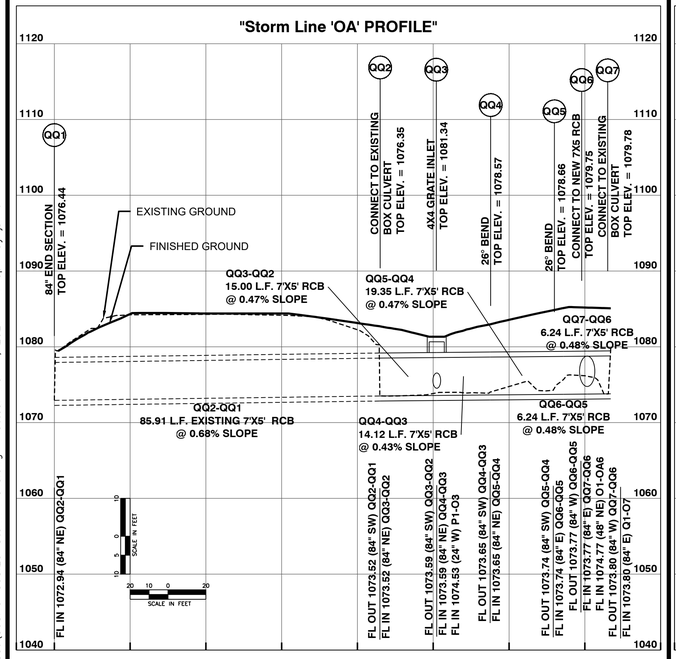


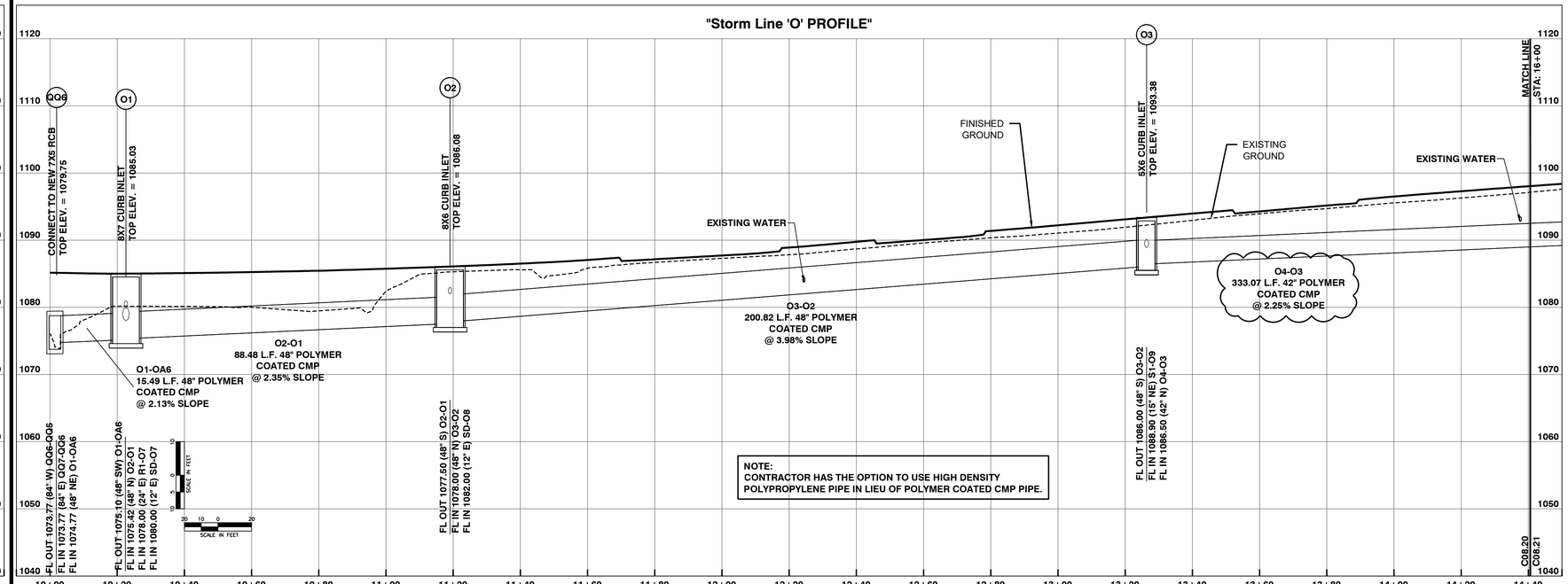
PLAN QQ - STA 10+00 TO 11+47



PLAN O - STA 10+00 TO 14+50



PROFILE QQ - STA 10+00 TO 11+47



PROFILE O - STA 10+00 TO 14+50

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STATE OF MISSOURI — SASSAN MAHOBIAN — NUMBER E-20961 — REGISTERED PROFESSIONAL ENGINEER

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STORM PLAN & PROFILE - LINES QQ & O STA 10+00 TO 16+00

C08.20

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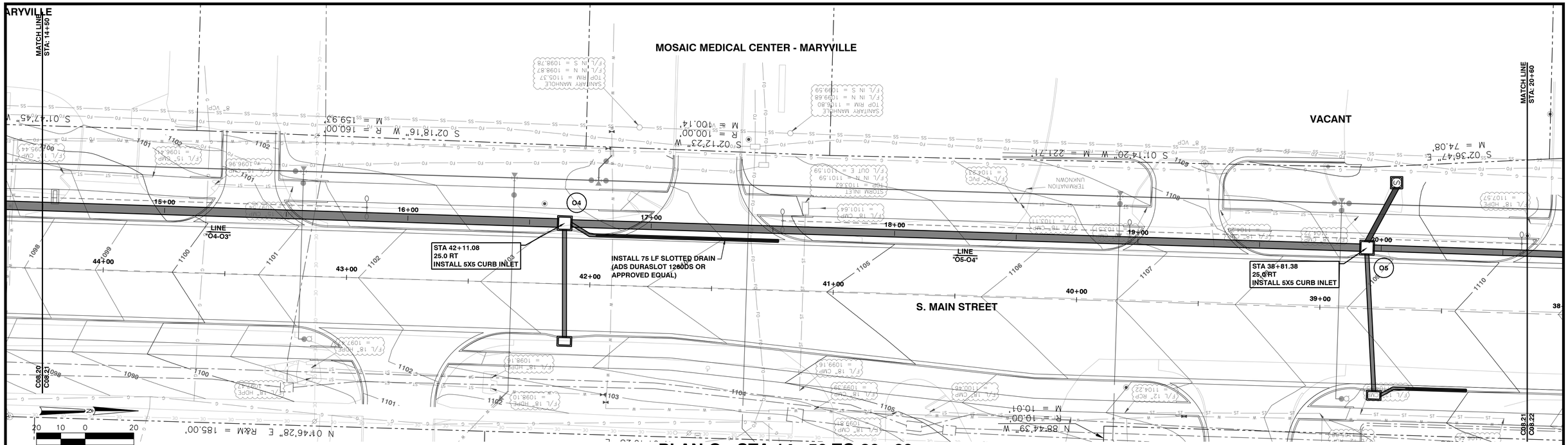
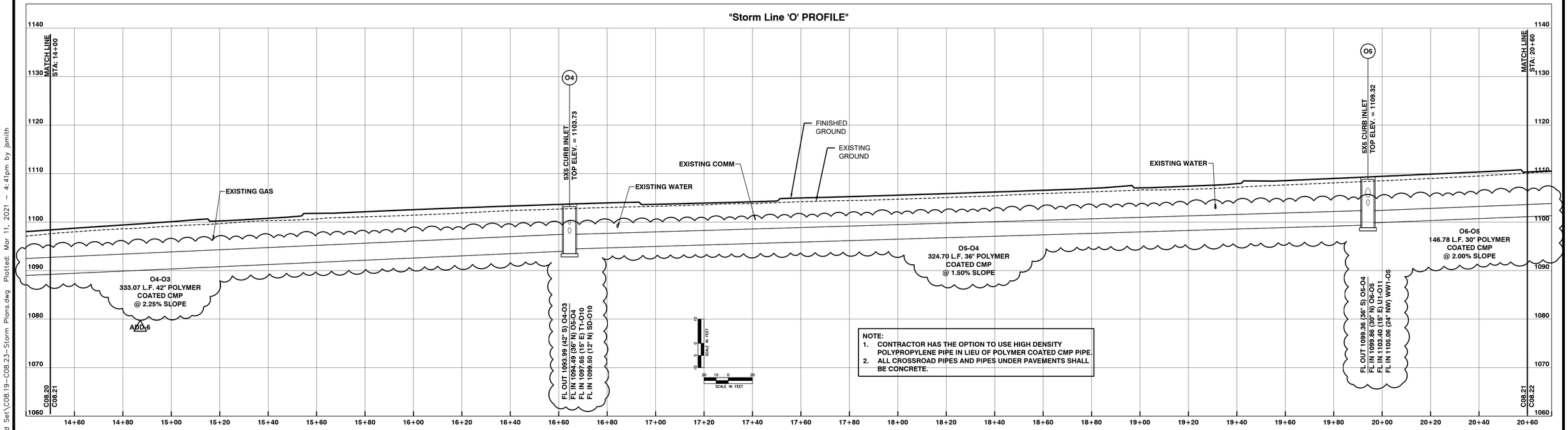


PLAN O - STA 14+50 TO 20+60



PROFILE O - STA 14+50 TO 20+60

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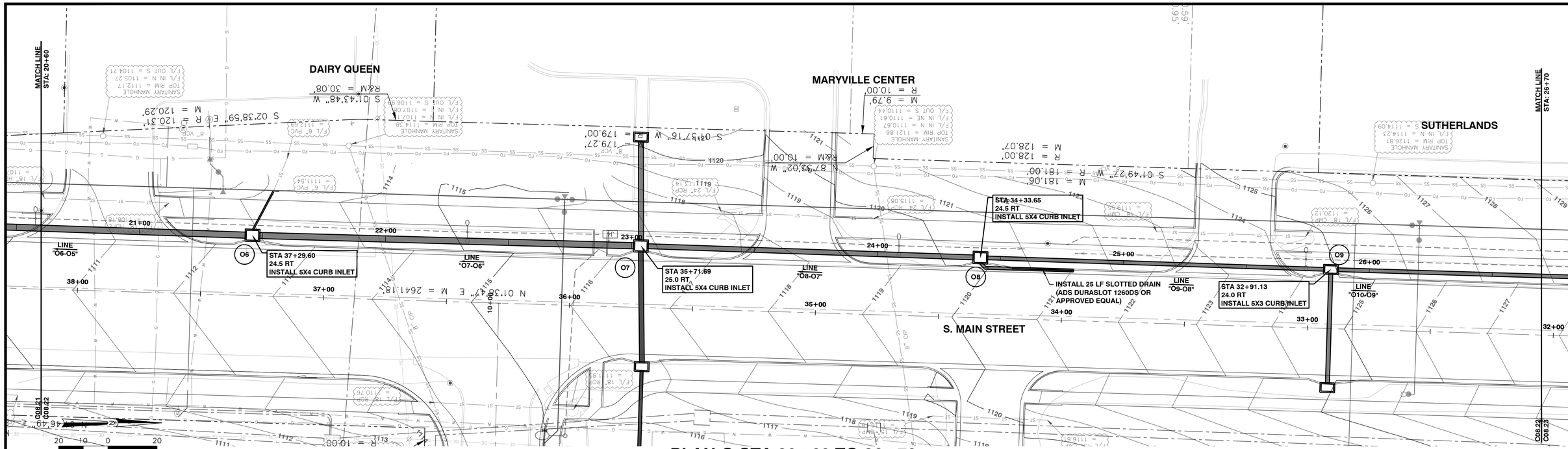
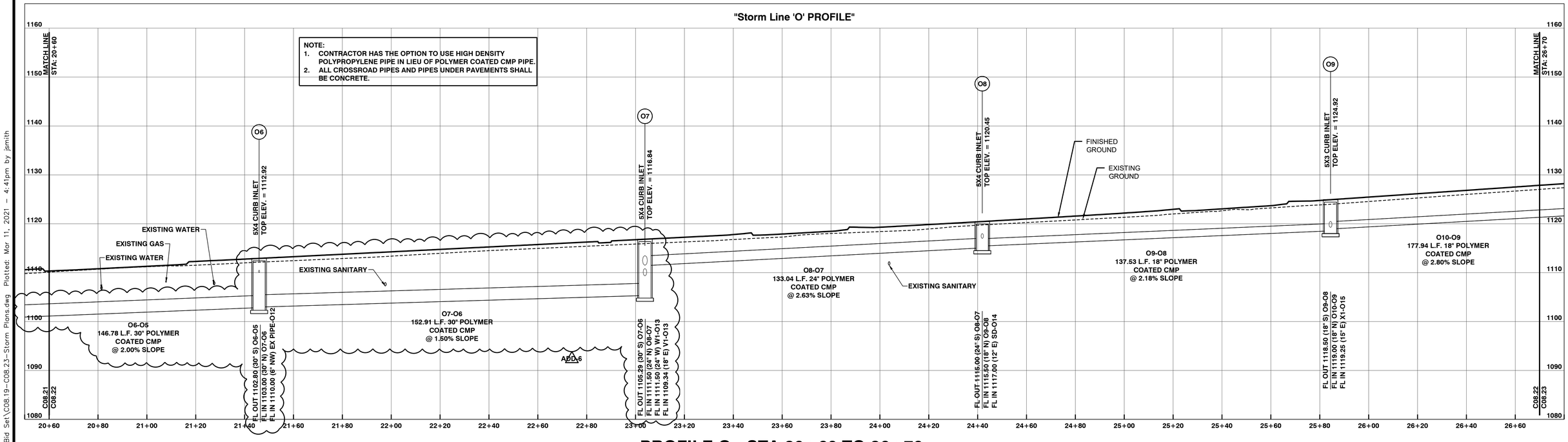
STORM PLAN & PROFILE - LINE O
STA 16+00 TO 22+00

C08.21



PLAN O STA 20+60 TO 26+70



PROFILE O - STA 20+60 TO 26+70

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STATE OF MISSOURI
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STORM PLAN & PROFILE - LINE O
STA 22+00 TO 28+00

C08.22

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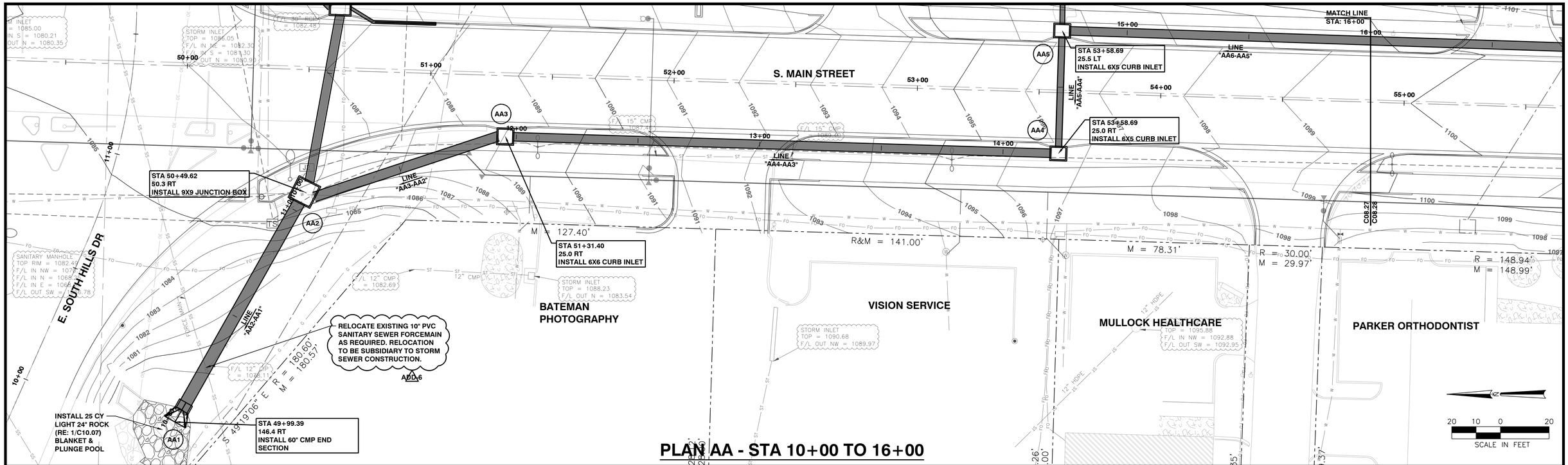
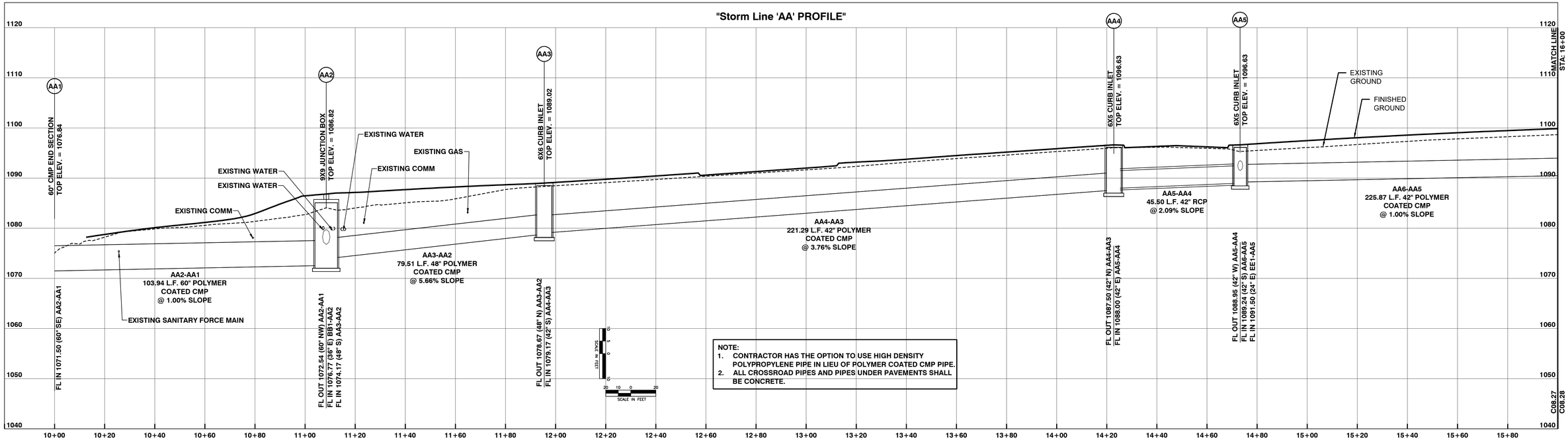


PLAN AA - STA 10+00 TO 16+00



NOTE:
1. CONTRACTOR HAS THE OPTION TO USE HIGH DENSITY POLYPROPYLENE PIPE IN LIEU OF POLYMER COATED CMP PIPE.
2. ALL CROSSROAD PIPES AND PIPES UNDER PAVEMENTS SHALL BE CONCRETE.

PROFILE AA - STA 10+00 TO 16+00

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STATE OF MISSOURI — SASSAN MAHJORIAN — NUMBER E-20961 — REGISTERED PROFESSIONAL ENGINEER

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South Main Corridor Improvement Project
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City of Maryville, Missouri

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STORM PLAN & PROFILE - LINE AA
STA 10+00 TO 16+00

C08.27

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GENERAL NOTES

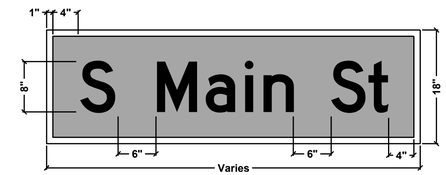
1. The locations of existing underground utilities, overhead utilities, signal equipment and drainage structures are approximate. The contractor shall determine the exact location of all existing utilities and underground structures before commencing work and agrees to be fully responsible for any and all damages caused by the contractor's failure to exactly locate and preserve any and all underground utilities, signal equipment and other structures.
2. The Contractor shall stake the locations of all poles, pull boxes, controller and other equipment. Staked locations shall be reviewed by the Inspector for approval prior to placement of equipment.
3. All locations indicated in drawings, including conduit runs are subject to adjustment to clear obstructions and to meet site conditions, if any, by the Inspector.
4. Work and equipment shall meet MoDOT specifications. Where Missouri Standard specifications is referred to it shall mean the latest edition.
5. Any equipment damaged during construction shall be replaced at the contractor's expense.
6. Combination lighting and signal poles shall have a separate 2" conduit stubbed out of the pole base for the lighting system conductors to be installed.
7. All signal indications shall be LED per ITE specifications.
8. All pedestrian signal indications shall be 16" LED Countdown PED modules with Walker and Hand symbols. Filled indication type per ITE specifications.
9. All signal heads shall have back plates.
10. Existing signals shall remain in operation until new signals are installed. The contractor shall maintain all signal equipment as well as signal timing during construction. It is the responsibility of the contractor to submit signal timing changes needed during construction for approval to the project manager at least 10 days prior to the date of proposed update.
11. All sidewalks and wheelchair ramps to follow the latest version of PROWAG
12. All street cuts and restoration to follow City Street Cut Restoration specifications and drawings.
13. Concrete for the bases shall be of class B or concrete of commercial mixture in accordance with MoDOT Standard Specification Section 501. Concrete shall be placed, finished and cured in accordance to MoDOT Standard Specification Section 703.
14. All disturbed surfaces shall be made good to match the existing.
15. Signal equipment shall not form an obstruction to the movement of pedestrian and wheelchair traffic. Where sidewalks are present, a minimum clear width of 48 inches shall be available for pedestrian and wheelchair movement.
16. Right-Of-Way limits should be cross checked by the contractor and approved by the field inspector before undertaking any excavations at the site.
17. Existence and location of any underground facilities shown on these drawings or reference to any soil conditions, if made, are for information only. It is the contractor's / bidder's responsibility to verify all site conditions before starting the project.
18. Quantities shown are estimations based on plans. Payment will be made by measurement of actual work done.
19. Conduits shall be bored under existing pavements, unless otherwise noted or authorized otherwise by the City Inspector. Use a 3" (minimum size) conduit for all street crossings.
20. Signal equipment (i.e. pull boxes, fiber optic boxes, poles and etc.) shall not be installed on wheelchair ramps.
21. All Street Light work shall comply with the construction and materials specifications.
22. All street light cable splices must be made in the pole base or a junction box/pull box per specifications. Direct buried splices are not permitted.
23. All traffic signal equipment specified for this project may need be delivered to the city for testing prior to installation, as required by the Engineer.
24. Traffic signal cabinet shall be 332L and traffic signal controller shall be 2070LX with ASC/3 software or approved equivalent, an auxiliary output file and 1000 mbps Ethernet switch for remote communications as per technical special provisions
25. Conflict monitor shall be Ethernet capable and shall be provided with a 6' long Cat 5e cable.
26. Detection shall be radar detection system.
27. The signal head at the end of each mast arm. (The outboard head) shall be served by one 7c# 16 cable extending from the head back to the controller. A separate 7c#16 cable shall be extended from the hand hole in the base of the pole to each of the remaining same phase vehicle signal heads. A maximum of three vehicle heads shall then be wired together with nuts at the hand hole with single 7c#16 cable back to the controller.
28. All poles and mast arms shall be Valmont "Sterling Fluted Poles" with accompanying mast arms. Pole bases shall be "Sterling ST Decorative Base".
29. All street light fixtures shall be of color to match the poles and arms. or approved equivalent to match the existing fixtures.
30. All mounting hardware accessories to color match with mast arms, poles, luminaries and cabinets. Luminaries to be mounted on poles.
31. Mast arms to be linear.
32. All work within the ROW shall require appropriate permits and shall meet required specifications.

ADD-6

NOTE:
FIBER OPTIC CABLE SHALL BE 96 COUNT CONSISTING OF 8 BUFFER TUBES EACH HAVING 12 FIBER STRANDS. FOR THE TRAFFIC SIGNAL NETWORK, TERMINATION OF THE FIBER OPTIC AT THE CONTROLLER CABINET SHALL BE DONE BY SPLICING THE 12 STRANDS OF ONE BUFFER TUBE UNDERGROUND IN THE JUNCTION BOX (PULL BOX) CLOSEST TO THE CABINET (MID SPAN SPLICING IN VAULT) WITH THE 12 STRANDS BROUGHT UP TO THE CABINET WITH A FACTORY TERMINATED PANEL. THE REMAINING 7 BUFFER TUBES (84 STRANDS) SHALL BE RESERVED FOR USE BY OTHER NETWORKS AS NEEDED IN THE FUTURE. FOR ADDITIONAL INFORMATION ON FIBER OPTIC INTERCONNECT, REFER TO THE 2020 MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, FOURTH EDITION, APRIL 2021, SECTION 1092.4.5.5.1 THRU 1092.4.5.5.3.

OVERHEAD STREET NAME SIGNS		
SIGN	LEGEND	QUANTITIES
A	S. Main St	2
B	E. South Ave	1
C	W. South Ave	1
OVERHEAD REGULATORY SIGNS		
SIGN	LEGEND	QUANTITIES
D	LEFT TURN YIELD ON FLASHING ARROW	4
OVERHEAD SERVICE SIGNS		
SIGN	LEGEND	QUANTITIES
E	Hospital/right arrow (See detail this sheet)	1
F	Hospital/up arrow (See detail this sheet)	1
G	Hospital/left arrow (See detail this sheet)	1

STREET NAME SIGN DETAIL



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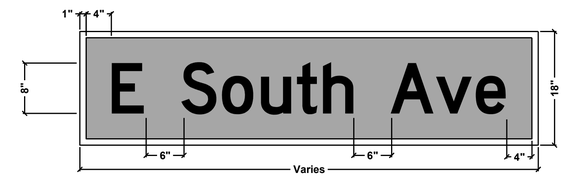

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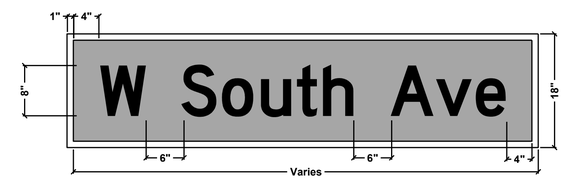
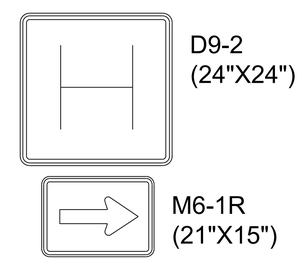


SIGN "C"

SIGN "D" SPECIAL SIGN 30"X36"



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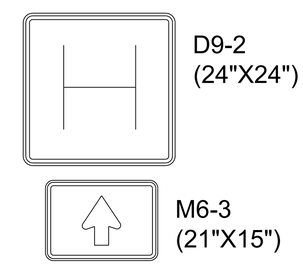

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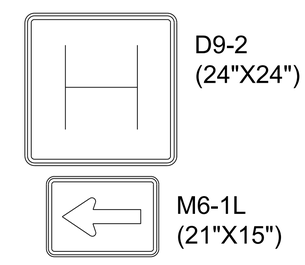

SIGN "G"

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REGISTERED PROFESSIONAL ENGINEER

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SOUTH AVE TRAFFIC SIGNAL NOTES

C12.01

U:\2016\16-108\2021-02-08 Bid Set\C12.01-C12.08-South Ave Traff Signal.dwg Plotted: Mar 11, 2021 - 1:09pm by snader

GENERAL NOTES

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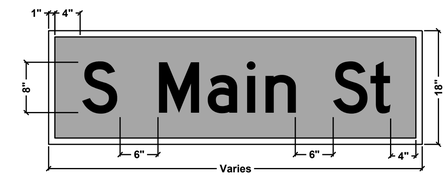
2. The Contractor shall stake the locations of all poles, pull boxes, controller and other equipment. Staked locations shall be reviewed by the Inspector for approval prior to placement of equipment.
3. All locations indicated in drawings, including conduit runs are subject to adjustment to clear obstructions and to meet site conditions, if any, by the Inspector.
4. Work and equipment shall meet MoDOT specifications. Where Missouri Standard specifications is referred to it shall mean the latest edition.
5. Any equipment damaged during construction shall be replaced at the contractor's expense.
6. Combination lighting and signal poles shall have a separate 2" conduit stubbed out of the pole base for the lighting system conductors to be installed.
7. All signal indications shall be LED per ITE specifications.
8. All pedestrian signal indications shall be 16" LED Countdown PED modules with Walker and Hand symbols. Filled indication type per ITE specifications.
9. All signal heads shall have back plates.
10. All sidewalks and wheelchair ramps to follow the latest version of PROWAG
11. All street cuts and restoration to follow City Street Cut Restoration specifications and drawings.
12. Concrete for the bases shall be of Class B or concrete of commercial mixture in accordance with MoDOT Standard Specification Section 501. Concrete shall be placed, finished and cured in accordance to MoDOT Standard Specification Section 703.
13. All disturbed surfaces shall be made good to match the existing.
14. Signal equipment shall not form an obstruction to the movement of pedestrian and wheelchair traffic. Where sidewalks are present, a minimum clear width of 48 inches shall be available for pedestrian and wheelchair movement.
15. Right-Of-Way limits should be cross checked by the contractor and approved by the field inspector before undertaking any excavations at the site.
16. Existence and location of any underground facilities shown on these drawings or reference to any soil conditions, if made, are for information only. It is the contractor's / bidder's responsibility to verify all site conditions before starting the project.
17. Quantities shown are estimations based on plans. Payment will be made by measurement of actual work done.
18. Conduits shall be bored under existing pavements, unless otherwise noted or authorized otherwise by the City Inspector. Use a 3" (minimum size) conduit for all street crossings.
19. Signal equipment (i.e. pull boxes, fiber optic boxes, poles and etc.) shall not be installed on wheelchair ramps.
20. All Street Light work shall comply with the construction and materials specifications.
21. All street light cable splices must be made in the pole base or a junction box/pull box per specifications. Direct buried splices are not permitted.
22. All traffic signal equipment specified for this project may need be delivered to the city for testing prior to installation, as required by the Engineer.
23. Traffic signal cabinet shall be 332L and traffic signal controller shall be 2070LX with ASC/3 software or approved equivalent, an auxiliary output file and 1000 mbps Ethernet switch for remote communications as per technical special provisions
24. Conflict monitor shall be Ethernet capable and shall be provided with a 6' long Cat 5e cable.
25. Detection shall be radar detection system.
26. The signal head at the end of each mast arm. (The outboard head) shall be served by one 7c# 16 cable extending from the head back to the controller. A separate 7c#16 cable shall be extended from the hand hole in the base of the pole to each of the remaining same phase vehicle signal heads. A maximum of three vehicle heads shall then be wired together with nuts at the hand hole with single 7c#16 cable back to the controller.
27. All poles and mast arms shall be Valmont "Sterling Fluted Poles" with accompanying mast arms. Pole bases shall be "Sterling ST Decorative Base".
28. All street light fixtures shall be of color to match the poles and arms. or approved equivalent to match the existing fixtures.
29. All mounting hardware accessories to color match with mast arms, poles, luminaries and cabinets. Luminaries to be mounted on poles.
30. Mast arms to be linear.
31. All work within the ROW shall require appropriate permits and shall meet required specifications.

ADD 6

NOTE:
FIBER OPTIC CABLE SHALL BE 96 COUNT CONSISTING OF 8 BUFFER TUBES EACH HAVING 12 FIBER STRANDS. FOR THE TRAFFIC SIGNAL NETWORK, TERMINATION OF THE FIBER OPTIC AT THE CONTROLLER CABINET SHALL BE DONE BY SPLICING THE 12 STRANDS OF ONE BUFFER TUBE UNDERGROUND IN THE JUNCTION BOX (PULL BOX) CLOSEST TO THE CABINET (MID SPAN SPLICING IN VAULT) WITH THE 12 STRANDS BROUGHT UP TO THE CABINET WITH A FACTORY TERMINATED PANEL. THE REMAINING 7 BUFFER TUBES (84 STRANDS) SHALL BE RESERVED FOR USE BY OTHER NETWORKS AS NEEDED IN THE FUTURE. FOR ADDITIONAL INFORMATION ON FIBER OPTIC INTERCONNECT, REFER TO THE 2020 MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, FOURTH EDITION, APRIL 2021, SECTION 1092.4.5.5.1 THRU 1092.4.5.5.3.

OVERHEAD STREET NAME SIGNS		
SIGN	LEGEND	QUANTITIES
A	S. Main St	2
B	Private Dr	1
C	Walmart Dr	1
OVERHEAD REGULATORY SIGNS		
SIGN	LEGEND	QUANTITIES
D	LEFT TURN YIELD ON FLASHING ARROW	4

STREET NAME SIGN DETAIL



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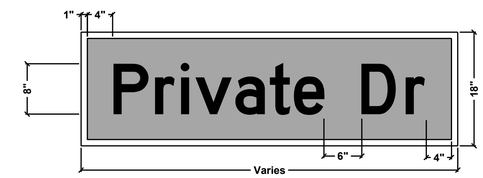


SIGN "B"

SIGN "C"

SIGN "D" SPECIAL SIGN
30"X36"

SK Design Group, Inc.
4600 College Boulevard,
Suite 100
Overland Park, Kansas 66211
913-451-1818
Fax 913-451-7599

Landscape Architect
Doug Pickert
Indigo Design
8593 Timber Trails Drive
De Soto, KS 66018
Tel: (913) 583-1370

Electrical Engineer
Allyson Evans
Lightworks, Inc.
3618 Main
Weston, MO 64098
Tel: (816) 640-9948

Survey
Adam Teel
Midland Surveying, Inc.
501 North. Market
Maryville, MO 64468
Tel: (660) 582-8633

REV. NO.	DATE	DESCRIPTION
ADD 6	2021-03-12	ADDENDUM #6

STATE OF MISSOURI
SASSAN MAHORIAN
NUMBER E-20961
REGISTERED PROFESSIONAL ENGINEER

SK Project No. 16-108
Design: JS
Checked: JC

South Main Corridor Improvement Project
STP-4300 (112)
City of Maryville, Missouri

Issued for: Construction

Date: 2021-02-08

WALMART DRIVE TRAFFIC SIGNAL NOTES

C12.11

U:\2016\16-108\2021-02-08 Bid Set\C12.11-C12.18-Walmart Traff Signal.dwg Plotted: Mar 11, 2021 - 1:10pm by snader

GENERAL NOTES

1. The locations of existing underground utilities, overhead utilities, signal equipment and drainage structures are approximate. The contractor shall determine the exact location of all existing utilities and underground structures before commencing work and agrees to be fully responsible for any and all damages caused by the contractor's failure to exactly locate and preserve any and all underground utilities, signal equipment and other structures.
2. The Contractor shall stake the locations of all poles, pull boxes, controller and other equipment. Staked locations shall be reviewed by the Inspector for approval prior to placement of equipment.
3. All locations indicated in drawings, including conduit runs are subject to adjustment to clear obstructions and to meet site conditions, if any, by the Inspector.
4. Work and equipment shall meet MoDOT specifications. Where Missouri Standard specifications is referred to it shall mean the latest edition.
5. Any equipment damaged during construction shall be replaced at the contractor's expense.
6. Combination lighting and signal poles shall have a separate 2" conduit stubbed out of the pole base for the lighting system conductors to be installed.
7. All signal indications shall be LED per ITE specifications.
8. All pedestrian signal indications shall be 16" LED Countdown PED modules with Walker and Hand symbols. Filled indication type per ITE specifications.
9. All signal heads shall have back plates.
10. Existing signals shall remain in operation until new signals are installed. The contractor shall maintain all signal equipment as well as signal timing during construction. It is the responsibility of the contractor to submit signal timing changes needed during construction for approval to the project manager at least 10 days prior to the date of proposed update.
11. All sidewalks and wheelchair ramps to follow the latest version of PROWAG
12. All street cuts and restoration to follow City Street Cut Restoration specifications and drawings.
13. Concrete for the bases shall be of Class B or concrete of commercial mixture in accordance with MoDOT Standard Specification Section 501. Concrete shall be placed, finished and cured in accordance to MoDOT Standard Specification Section 703.
14. All disturbed surfaces shall be made good to match the existing.
15. Signal equipment shall not form an obstruction to the movement of pedestrian and wheelchair traffic. Where sidewalks are present, a minimum clear width of 48 inches shall be available for pedestrian and wheelchair movement.
16. Right-Of-Way limits should be cross checked by the contractor and approved by the field inspector before undertaking any excavations at the site.
17. Existence and location of any underground facilities shown on these drawings or reference to any soil conditions, if made, are for information only. It is the contractor's / bidder's responsibility to verify all site conditions before starting the project.
18. Quantities shown are estimations based on plans. Payment will be made by measurement of actual work done.
19. Conduits shall be bored under existing pavements, unless otherwise noted or authorized otherwise by the City Inspector. Use a 3" (minimum size) conduit for all street crossings.
20. Signal equipment (i.e. pull boxes, fiber optic boxes, poles and etc.) shall not be installed on wheelchair ramps.
21. All Street Light work shall comply with the construction and materials specifications.
22. All street light cable splices must be made in the pole base or a junction box/pull box per specifications. Direct buried splices are not permitted.
23. All traffic signal equipment specified for this project may need be delivered to the city for testing prior to installation, as required by the Engineer.
24. Traffic signal cabinet shall be 332L and traffic signal controller shall be 2070LX with ASC/3 software or approved equivalent, an auxiliary output file and 1000 mbps Ethernet switch for remote communications as per technical special provisions
25. Conflict monitor shall be Ethernet capable and shall be provided with a 6' long Cat 5e cable.
26. Detection shall be radar detection system.
27. The signal head at the end of each mast arm. (The outboard head) shall be served by one 7c# 16 cable extending from the head back to the controller. A separate 7c#16 cable shall be extended from the hand hole in the base of the pole to each of the remaining same phase vehicle signal heads. A maximum of three vehicle heads shall then be wired together with nuts at the hand hole with single 7c#16 cable back to the controller.
28. All poles and mast arms shall be Valmont "Sterling Fluted Poles" with accompanying mast arms. Pole bases shall be "Sterling ST Decorative Base".
29. All street light fixtures shall be of color to match the poles and arms. or approved equivalent to match the existing fixtures.
30. All mounting hardware accessories to color match with mast arms, poles, luminaries and cabinets. Luminaries to be mounted on poles.
31. Mast arms to be linear.
32. All work within the ROW shall require appropriate permits and shall meet required specifications.

ADD-6

NOTE:
FIBER OPTIC CABLE SHALL BE 96 COUNT CONSISTING OF 8 BUFFER TUBES EACH HAVING 12 FIBER STRANDS. FOR THE TRAFFIC SIGNAL NETWORK, TERMINATION OF THE FIBER OPTIC AT THE CONTROLLER CABINET SHALL BE DONE BY SPLICING THE 12 STRANDS OF ONE BUFFER TUBE UNDERGROUND IN THE JUNCTION BOX (PULL BOX) CLOSEST TO THE CABINET (MID SPAN SPLICING IN VAULT) WITH THE 12 STRANDS BROUGHT UP TO THE CABINET WITH A FACTORY TERMINATED PANEL. THE REMAINING 7 BUFFER TUBES (84 STRANDS) SHALL BE RESERVED FOR USE BY OTHER NETWORKS AS NEEDED IN THE FUTURE. FOR ADDITIONAL INFORMATION ON FIBER OPTIC INTERCONNECT, REFER TO THE 2020 MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, FOURTH EDITION, APRIL 2021, SECTION 1092.4.5.5.1 THRU 1092.4.5.5.3.

OVERHEAD STREET NAME SIGNS

SIGN	LEGEND	QUANTITIES
A	S. Main St	2
B	State Highway V	1
C	E South Hills Dr	1

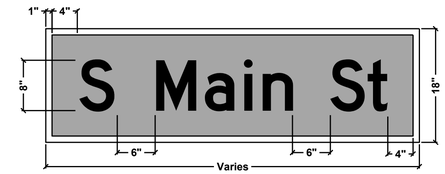
OVERHEAD REGULATORY SIGNS

SIGN	LEGEND	QUANTITIES
D	LEFT TURN YIELD ON FLASHING ARROW	4

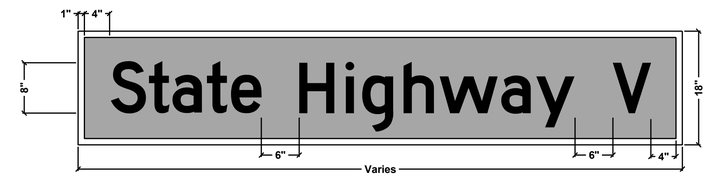
OVERHEAD SERVICE SIGNS

SIGN	LEGEND	QUANTITIES
E	Hospital/right arrow (See detail this sheet)	1
F	Hospital/up arrow (See detail this sheet)	1
G	Hospital/left arrow (See detail this sheet)	1

STREET NAME SIGN DETAIL



SIGN "A"



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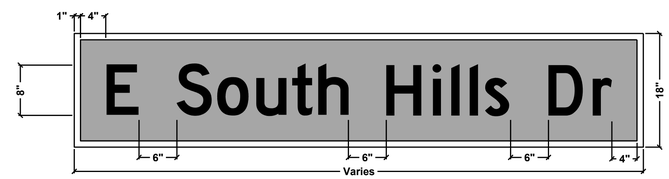
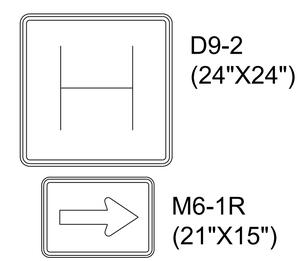


SIGN "C"

SIGN "D" SPECIAL SIGN 30"X36"



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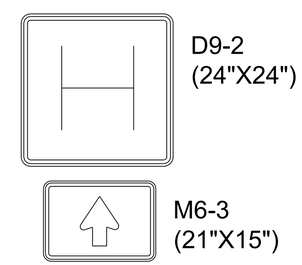

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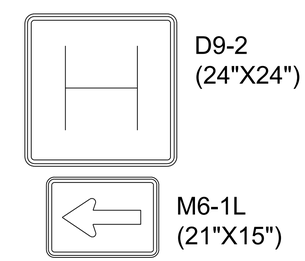


SIGN "G"

SK Design Group, Inc.
4600 College Boulevard,
Suite 100
Overland Park, Kansas 66211
913-451-1818
Fax 913-451-7599

Landscape Architect
Doug Pickert
Indigo Design
8593 Timber Trails Drive
De Soto, KS 66018
Tel: (913) 583-1370

Electrical Engineer
Allyson Evans
Lightworks, Inc.
3618 Main
Weston, MO 64098
Tel: (816) 640-9948

Survey
Adam Teel
Midland Surveying, Inc.
501 North. Market
Maryville, MO 64468
Tel: (660) 582-8633

REV. NO.	DATE	DESCRIPTION
ADD-6	2021-03-12	ADDENDUM #6

STATE OF MISSOURI
SASSAN MAHOBIAN
NUMBER E-20961
REGISTERED PROFESSIONAL ENGINEER

SK Project No. 16-108
Design: JS
Checked: JC

South Main Corridor Improvement Project
STP-4300 (112)
City of Maryville, Missouri

Issued for: Construction

Date: 2021-02-08

HIGHWAY V TRAFFIC SIGNAL NOTES

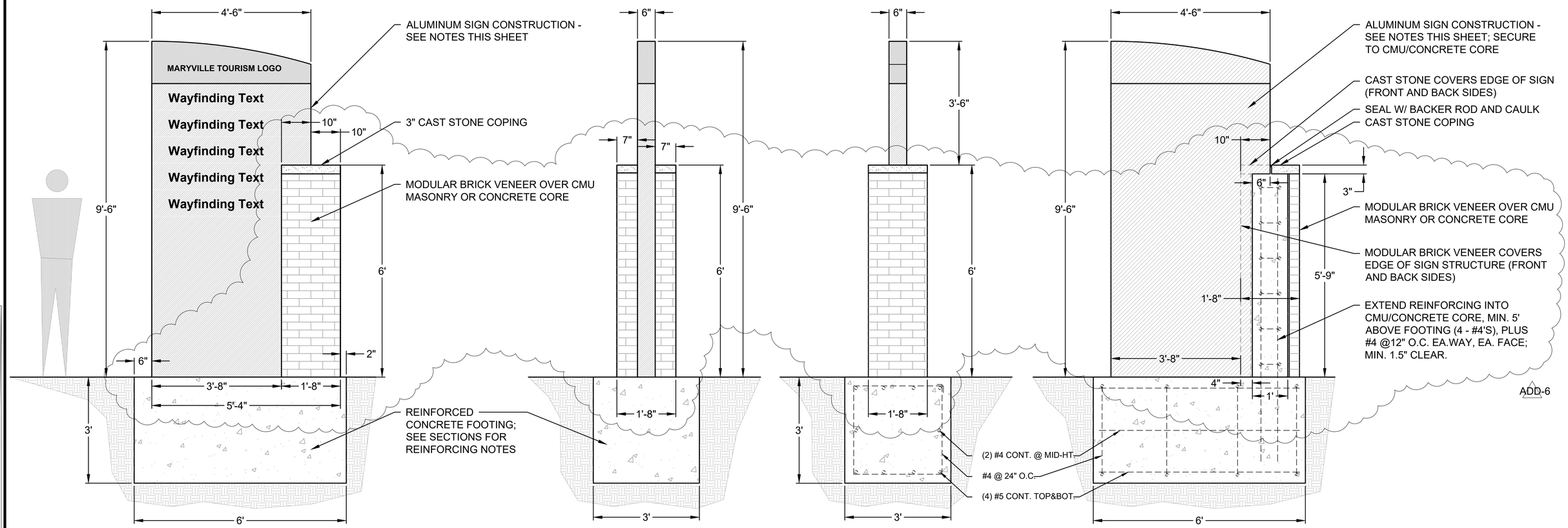
C12.21

U:\2016\16-108\2021-02-08 Bid Set\C12.21-C12.28-Highway V Traff Signal.dwg Plotted: Mar 11, 2021 - 1:10pm by snader

NOTES:

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL, SHOWING INTERIOR STRUCTURE, MATERIAL SPECS, AND GRAPHICS.
2. THE SHOP DRAWINGS SHALL BE APPROVED BY A LICENSED STRUCTURAL ENGINEER.
3. ALUMINUM FACE PANELS (ALL SIDES): 5052 ALLOY ALUMINUM (1/8" THICKNESS)
4. STRUCTURAL ALUMINUM FRAME: 6063 STRUCTURAL ALUMINUM.
5. PAINT ALL EXPOSED ALUMINUM SURFACES AND APPLY REFLECTIVE VINYL TEXT (3" HT.) AND ARROWS PER SHEET L02.02. REFLECTIVE VINYL SHALL BE 3M BRAND, SELECTED FROM STANDARD COLORS.
6. THE MARYVILLE TOURISM LOGO SHALL BE AN APPLIED DIGITAL PRINT ON 3M-IJ-180C VINYL WITH A UV LUSTER LAMINATE COVER. THE OWNER WILL PROVIDE A DIGITAL FILE OF THE TOURISM LOGO, FOR USE BY THE FABRICATOR.
7. PROVIDE 5-YEAR WARRANTY ON THE SIGN STRUCTURE AND GRAPHICS.
8. BRICK VENEER: BRICK SHALL BE "VILLAGE", MODULAR BRICK, VELOUR TEXTURE, BLEND DTP155, ITEM #128469, AS MANUFACTURED BY ACME BRICK, OR APPROVED EQUIVALENT. SUBMIT SAMPLES FOR APPROVAL; ALL EXPOSED BRICK SHALL BE TREATED WITH "SALTGUARD-WB", AS MANUFACTURED BY PROSOCO, OR APPROVED EQUIVALENT, PER MANUFACTURER'S RECOMMENDATIONS.

ADD-6



WAYFINDING SIGNAGE - FRONT ELEVATION

WAYFINDING SIGNAGE - EDGE ELEVATION (ROAD SIDE)

WAYFINDING SIGNAGE - EDGE ELEVATION (OFF-ROAD SIDE)

WAYFINDING SIGNAGE - SECTION THROUGH CENTERLINE OF SIGN

SK Design Group, Inc.
4600 College Boulevard,
Suite 100
Overland Park, Kansas 66211
913-451-1818
Fax 913-451-7599

Landscape Architect
Doug Pickert
Indigo Design
8593 Timber Trails Drive
De Soto, KS 66018
Tel: (913) 583-1370

Electrical Engineer
Allyson Evans
Lightworks, Inc.
3618 Main
Weston, MO 64098
Tel: (816) 640-9948

Survey
Adam Teel
Midland Surveying, Inc.
501 North. Market
Maryville, MO 64468
Tel: (660) 582-8633

REV. NO.	DATE	DESCRIPTION
ADD-6	2021-03-12	ADDENDA #6

STATE OF MISSOURI
DOUGLAS E. PICKERT
NUMBER LA-A00171
LANDSCAPE ARCHITECT
3/5/21

SK Project No. 16-108
Design: CH
Checked: JC

South Main Corridor Improvement Project
STP-4300 (112)
City of Maryville, Missouri

Issued for: Construction

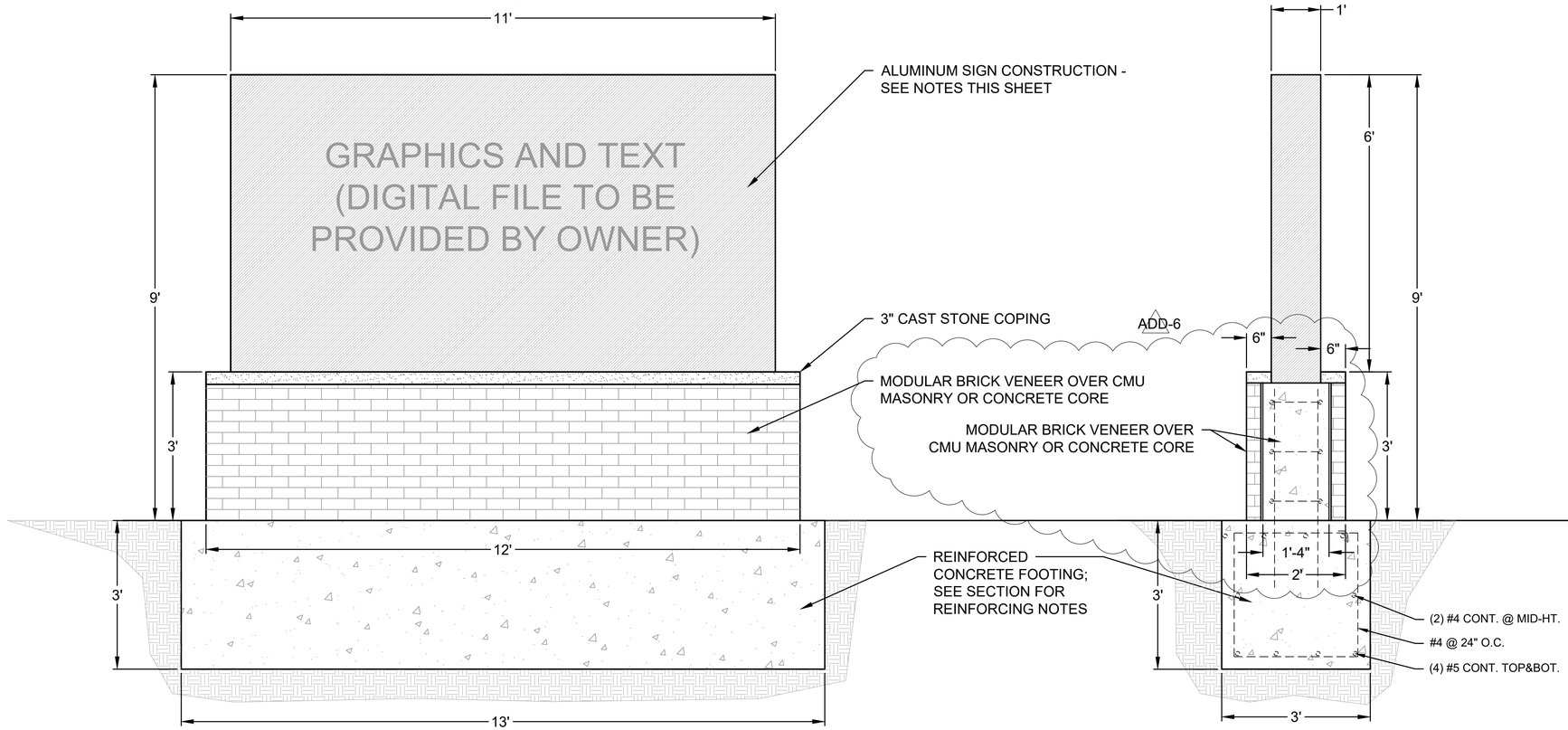
Date: 2021-02-05

WAYFINDING SIGNAGE - SOUTH MAIN STREET SIGNAGE DETAILS

L02.03

NOTES:

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL, SHOWING INTERIOR STRUCTURE, MATERIAL SPECS, AND GRAPHICS.
2. THE SHOP DRAWINGS SHALL BE APPROVED BY A LICENSED STRUCTURAL ENGINEER.
3. ALUMINUM FACE PANELS (ALL SIDES): 5052 ALLOY ALUMINUM (1/8" THICKNESS)
4. STRUCTURAL ALUMINUM FRAME: 6063 STRUCTURAL ALUMINUM.
5. PAINT ALL EXPOSED ALUMINUM SURFACES AND APPLY REFLECTIVE VINYL TEXT (3" HT.) AND ARROWS PER SHEET L02.02. REFLECTIVE VINYL SHALL BE 3M BRAND, SELECTED FROM STANDARD COLORS.
6. THE SIGN GRAPHICS SHALL BE AN APPLIED DIGITAL PRINT ON 3M-IJ-180C VINYL WITH A UV LUSTER LAMINATE COVER. THE OWNER WILL PROVIDE A DIGITAL FILE OF THE GRAPHICS AND TEXT, FOR USE BY THE FABRICATOR. ADD-6
7. PROVIDE 5-YEAR WARRANTY ON THE SIGN STRUCTURE AND GRAPHICS.
8. BRICK VENEER: BRICK SHALL BE "VILLAGE", MODULAR BRICK, VELOUR TEXTURE, BLEND DTP155, ITEM #128469, AS MANUFACTURED BY ACME BRICK, OR APPROVED EQUIVALENT. SUBMIT SAMPLES FOR APPROVAL; ALL EXPOSED BRICK SHALL BE TREATED WITH "SALTGUARD-WB", AS MANUFACTURED BY PROSOCO, OR APPROVED EQUIVALENT, PER MANUFACTURER'S RECOMMENDATIONS. ADD-6



COMMERCIAL MONUMENT SIGN - FRONT ELEVATION

COMMERCIAL MONUMENT SIGN - SECTION

COMMERCIAL MONUMENT SIGNS FOR SIGNAGE REPLACEMENT (TYP. OF 2)

SK Design Group, Inc.
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Suite 100
Overland Park, Kansas 66211
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Landscape Architect
Doug Pickert
Indigo Design
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De Soto, KS 66018
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Survey
Adam Teel
Midland Surveying, Inc.
501 North. Market
Maryville, MO 64468
Tel: (660) 582-8633

REV. NO.	DATE	DESCRIPTION
ADD-6	2021-03-12	ADDENDA #6

STATE OF MISSOURI
DOUGLAS E. PICKERT
NUMBER LA-000171
LANDSCAPE ARCHITECT
3/5/21

SK Project No. 16-108
Design: CH
Checked: JC

South Main Corridor Improvement Project
STP-4300 (112)
City of Maryville, Missouri

Issued for: Construction

Date: 2021-02-05

COMMERCIAL SIGNAGE - SOUTH MAIN STREET SIGNAGE DETAILS

L02.05