



VARIOUS LOCATIONS - FY24 SUMMER PAVING PROJECT ASPHALT & CONCRETE

UNIVERSITY OF MISSOURI

FOR THE CURATORS OF THE UNIVERSITY OF MISSOURI

BID SET ISSUED: 03/25/2024

PROJECT NO. CP241342

DRAWING INDEX

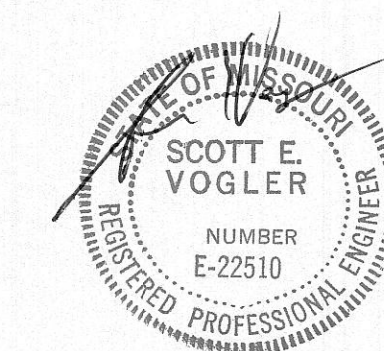
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SAFETY NOTICE TO CONTRACTOR

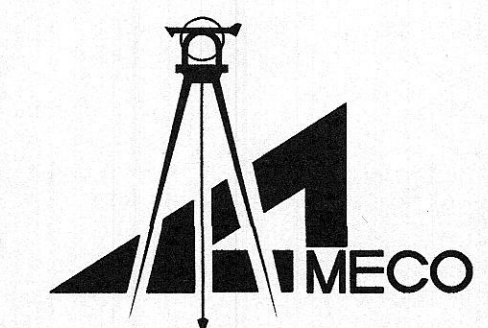
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE GENERAL CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE DOES NOT INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON, OR NEAR THE CONSTRUCTION SITE.

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER EXISTING UNDER THE LAWS OF THE STATE OF MISSOURI. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE DRAWINGS AND/OR SPECIFICATIONS ARE AS REQUIRED BY AND IN COMPLIANCE WITH THE BUILDING CODES OF THE UNIVERSITY OF MISSOURI.

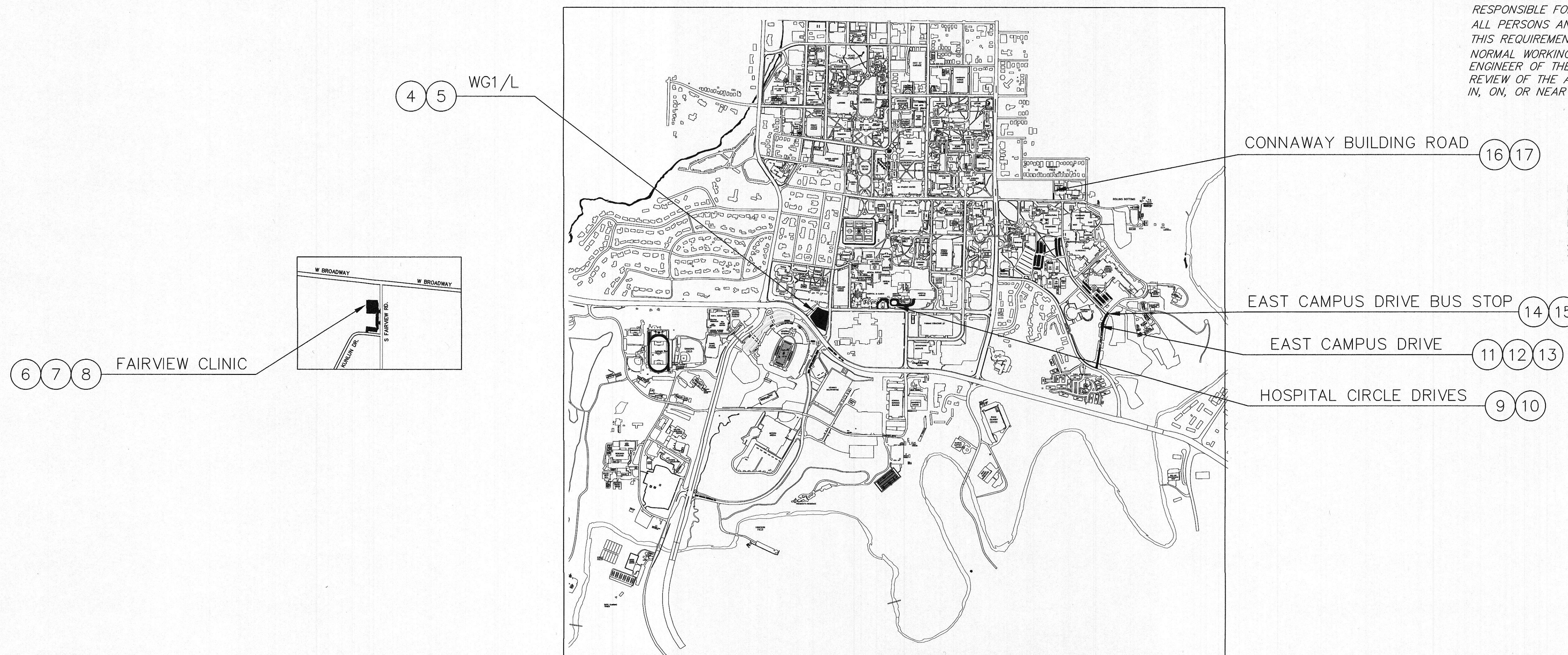


March 29, 2024
SCOTT E. VOGLER P.E. NO. E-22510



MECO ENGINEERING COMPANY INC.
ENGINEERS * SURVEYORS
2701 INDUSTRIAL DRIVE
JEFFERSON CITY, MISSOURI 65109
(573) 893-5558

MECO PROJECT NO. 473-070



SITE LOCATION MAP

NO SCALE



UTILITY NOTES

UTILITY CONTACTS ONE CALL FOR THE SITES IS GENERALLY THE UNIVERSITY. BELOW ARE ADDITIONAL CONTACTS FOR UTILITIES OWNED BY OTHER ENTITIES ON CITY OF COLUMBIA RIGHTS-OF-WAY. THE UNIVERSITY OPERATES STORM SEWERS, SANITARY SEWERS, ELECTRIC, TELECOMMUNICATIONS, STEAM, CHILLED WATER, POTABLE WATER, AND OTHER UTILITIES ON THE COLUMBIA CAMPUS.

MU ENERGY MANAGEMENT 573-882-3094
 WATER
 SANITARY SEWER
 ELECTRIC

MISSOURI ONE-CALL SYSTEM 1-800-DIG-RITE
 1-800-344-7483



GAS AMEREN/UE
 210 ORR STREET
 COLUMBIA, MISSOURI 65201
 CONTACT: DON HARTLEY 573-876-3208

TELEVISION MEDIACOM
 901 N. COLLEGE AVENUE
 COLUMBIA, MISSOURI 65205
 573-443-1535

TELEPHONE A T & T
 400 WACO ROAD
 COLUMBIA, MISSOURI 65205
 573-474-2223

GENERAL NOTES

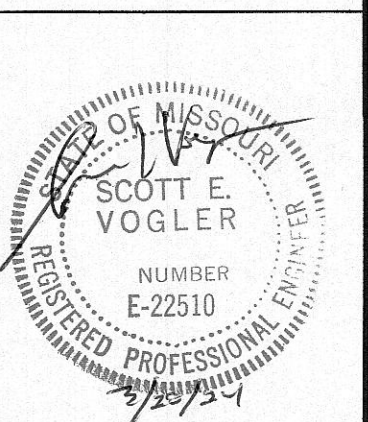
1. UTILITIES: LOCATION OF EXISTING UTILITIES, WHERE SHOWN, IS FOR INFORMATION ONLY AND IS NOT GUARANTEED TO BE ACCURATE OR COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REQUEST UTILITY LOCATES FROM THE OWNER'S REPRESENTATIVE 72 HOURS PRIOR TO CONSTRUCTION AT INDIVIDUAL SITES.
2. SOIL BORINGS: SOIL BORING INFORMATION HAS NOT BEEN INCLUDED IN THE SPECIFICATIONS. IF THE CONTRACTOR DEEMS SUCH INVESTIGATIONS NECESSARY FOR THE PREPARATION OF THIS BID, HE SHALL BEAR ALL COSTS AND RESPONSIBILITY FOR SUCH INVESTIGATIONS. HE SHALL OBTAIN PERMISSION OF THE UNIVERSITY MISSOURI - (OWNER) TO OBTAIN SOIL BORINGS AND ANY BORING SHALL BE MADE IN ACCORDANCE WITH THE UNIVERSITY'S REQUIREMENTS. ANY RESULTING HOLES OR EXCAVATIONS SHALL BE BACKFILLED ACCORDING TO THE SPECIFICATIONS IMMEDIATELY UPON COMPLETION OF THE INVESTIGATION.
3. TREES AND SHRUBS: ALL TREES WITHIN THE GRADING LIMITS SHALL BE PROTECTED FROM DAMAGE WITH CONSTRUCTION FENCING UNLESS SPECIFICALLY NOTED TO BE REMOVED.
4. ALL EXISTING IMPROVEMENTS IN CONFLICT WITH PROPOSED CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF AWAY FROM THE SITE.
 - A. THIS WORK SHALL CONSIST OF REMOVING PAVEMENTS, SURFACING AND BASE COURSES OF ALL TYPES, PARKING BLOCKS, WHEEL STOPS, OBJECTS AND OTHER EXISTING IMPROVEMENTS, WHICH CONFLICT WITH THE WORK.
 - B. OLD PAVEMENTS OR OTHER OBSTRUCTIONS TO THE CONSTRUCTION OF THE PAVEMENTS AND NOT DESIGNATED OR PERMITTED TO REMAIN SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
 - C. IN REMOVING PAVEMENT AND OTHER SIMILAR IMPROVEMENTS AND WHERE A PORTION OF SUCH IMPROVEMENTS IS TO BE LEFT IN PLACE, THEY SHALL BE REMOVED TO AN EXISTING JOINT. SUFFICIENT REMOVAL SHALL BE MADE TO PROVIDE FOR PROPER GRADE AND CONNECTIONS IN THE NEW WORK, WHICH MAY BE INDICATED ON THE PLANS.
 - D. THE CONTRACTOR SHALL NOT USE THE OWNER'S LANDFILL, DUMPING OR DISPOSAL OF EXCAVATED OR DEMOLISHED MATERIALS ON THE OWNER'S PROPERTY SHALL NOT BE PERMITTED. THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF EXCAVATED OR DEMOLISHED MATERIALS OFF THE OWNER'S PROPERTY.
5. CONTRACTOR SHALL NOT DISTURB LAWN AREAS. IF LAWN AREAS ARE DISTURBED, REFER TO SPECIFICATIONS.
6. DIMENSIONS ON DRAWINGS ARE GENERALLY BASED UPON TOPOGRAPHIC SURVEYS. THE CONTRACTOR SHALL DETERMINE THE ACTUAL AMOUNT OF WORK, AND MAY WISH TO VERIFY DIMENSIONS, FOR HIS BID AND CONSTRUCTION PURPOSED. NO CHANGE IN CONTRACT PRICE WILL BE MADE FOR DISCREPANCIES BETWEEN ACTUAL AND SCALED DIMENSIONS.
7. THE CONTRACTOR SHALL USE CARE NOT TO SPLASH TACK OR SEAL COAT, OR OTHER ASPHALT MATERIALS ON CONCRETE SURFACES INCLUDING, BUT NOT LIMITED TO, CURB AND GUTTERS, WHEEL STOPS, OR CONCRETE DRIVES.
8. CONTRACTOR SHALL PROVIDE SIGNAGE, BARRICADES AND / OR FLAGMEN, IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES DURING CONSTRUCTION OF IMPROVEMENTS. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE ENGINEER AND OWNER PRIOR TO CONSTRUCTION ON A PARTICULAR LOT OR ROAD. THE ENGINEER OR OWNER MAY MODIFY THE TRAFFIC CONTROL PLAN AT NO ADDITIONAL COST TO THE PROJECT.
9. THE COORDINATES FOR THE FAILED AREAS ARE PROVIDED TO SHOW GENERAL LOCATIONS ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE OWNERS REPRESENTATIVE.
10. THE CONTRACTOR SHALL COORDINATE THE STRIPING ON THE LOTS WITH THE OWNER AND OWNER'S REPRESENTATIVE.
11. CONTRACTOR SHALL NOT PAVE OVER EXISTING MANHOLES OR VALVE COVERS.

2024 SCHEDULE / UNIVERSITY ACTIVITIES

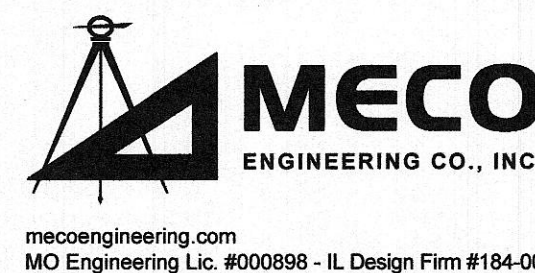
12. THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION TO MINIMIZE DISRUPTION OF THE FOLLOWING SCHEDULED UNIVERSITY EVENTS. SCHEDULING SHALL COMPLY WITH THE REQUIREMENTS IN THE CONTRACT SPECIAL CONDITIONS.

A. 2024 COMMENCEMENT	MAY 10, 2024 - MAY 12, 2024
B. COLUMBIA PUBLIC SCHOOLS GRADUATION	MAY 23, 2024 - MAY 24, 2024
C. SENIOR SHOW ME STATE GAMES	JUNE 6, 2024 - JUNE 9, 2024
D. SHOW ME STATE GAMES	JULY 19, 2024 - JULY 21, 2024 JULY 26, 2024 - JULY 28, 2024

BID SET ISSUED: 03/25/2024



NO.	DATE	REVISION DESCRIPTION	BY



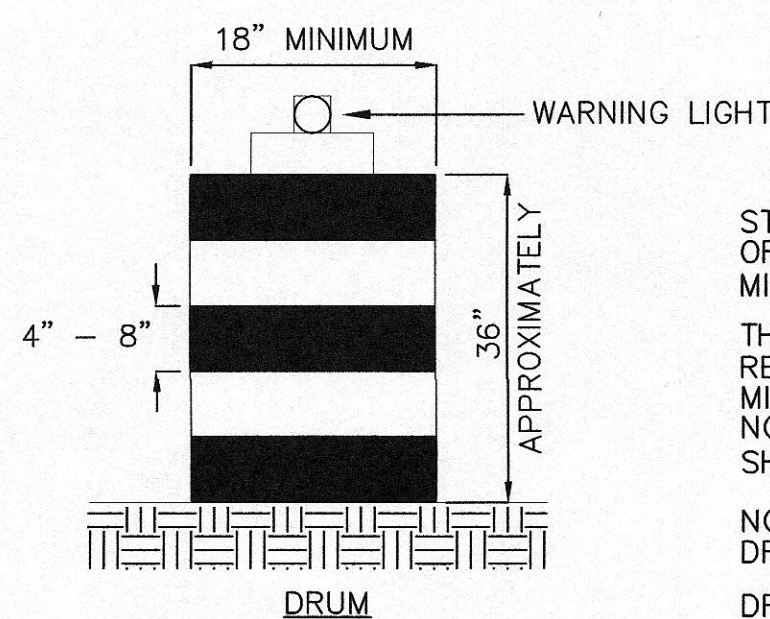
OFFICE LOCATIONS
 HANNIBAL, MO
 JEFFERSON CITY, MO
 BRANSON, MO
 BOONVILLE, MO
 PITTSFIELD, IL

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VARIOUS LOCATIONS					
FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE					
UNIVERSITY OF MISSOURI PROJECT NO. CP241342					
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

STANDARD NOTES			
SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
NOT TO SCALE	C-002-M	CP241342 473-070	2

IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY

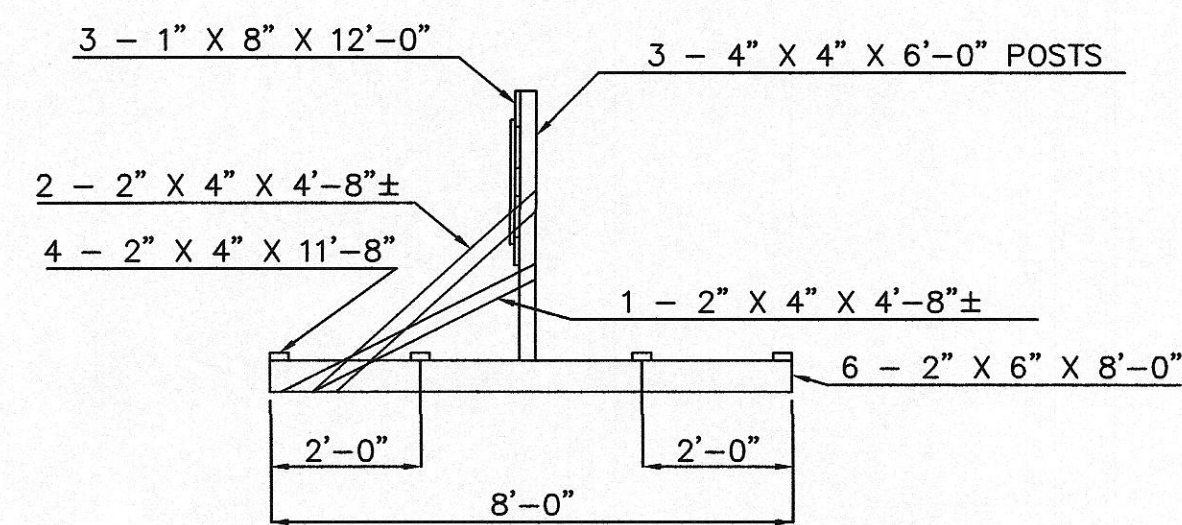
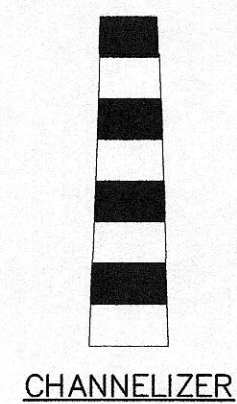


STRIPES SHALL BE ALTERNATING HORIZONTAL REFLECTIVE ORANGE (TWO MINIMUM) AND REFLECTIVE WHITE (TWO MINIMUM) TYPE 2 REFLECTIVE SHEETING.

THE CONTRACTOR HAS THE OPTION TO USE FLEXIBLE OR REBOUNDABLE REFLECTIVE SHEETING WITH THE SAME MINIMUM REQUIREMENTS AS TYPE 2 REFLECTIVE SHEETING. NON-REFLECTORIZED ORANGE SPACES BETWEEN STRIPES SHALL BE NO GREATER THAN TWO INCHES.

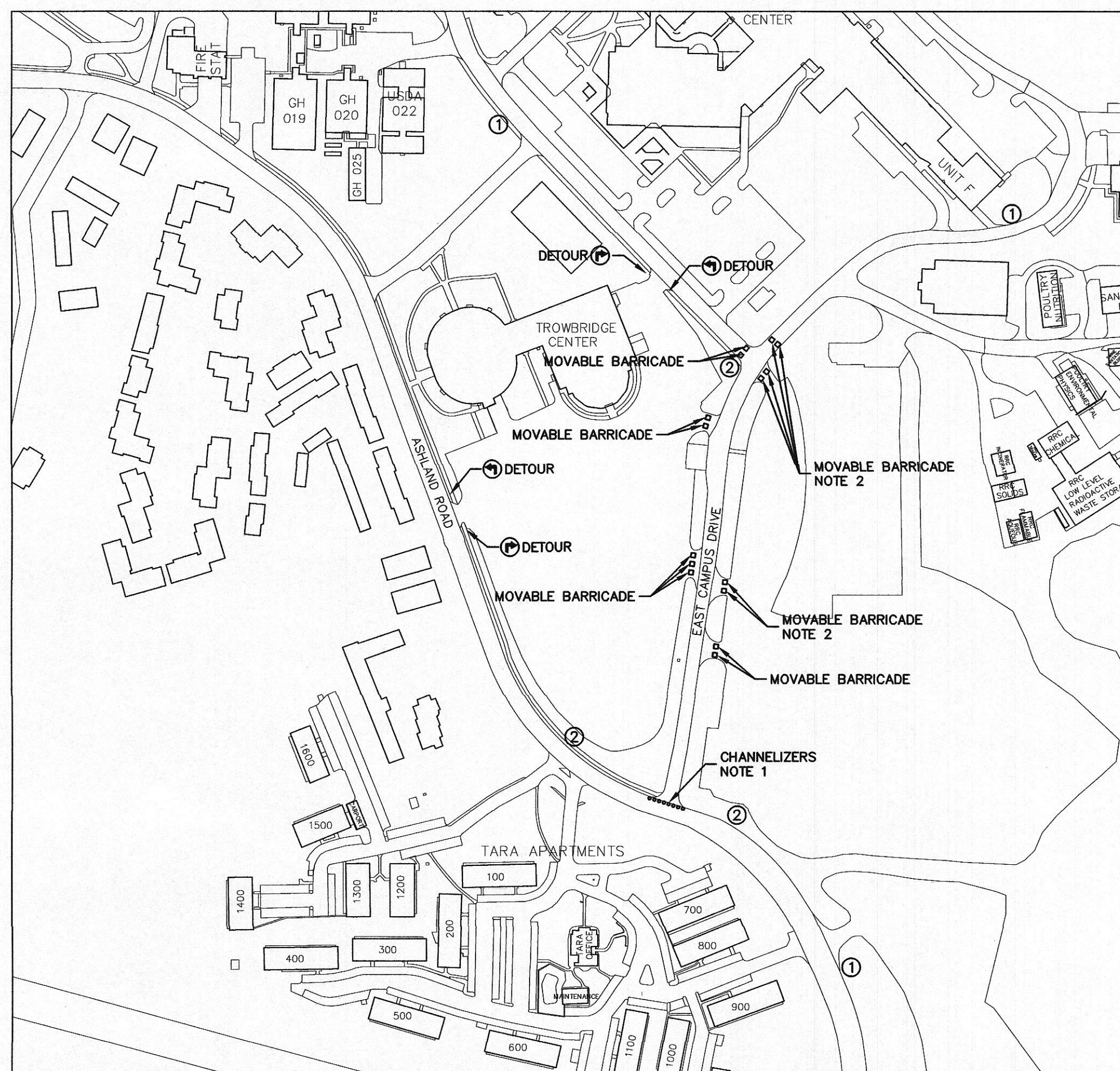
NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF DRUMS OR CHANNELIZERS.

DRUMS OR CHANNELIZERS SHALL BE USED DURING CONSTRUCTION FOR THE PROTECTION OF VEHICULAR TRAFFIC OR AS DIRECTED BY THE ENGINEER.

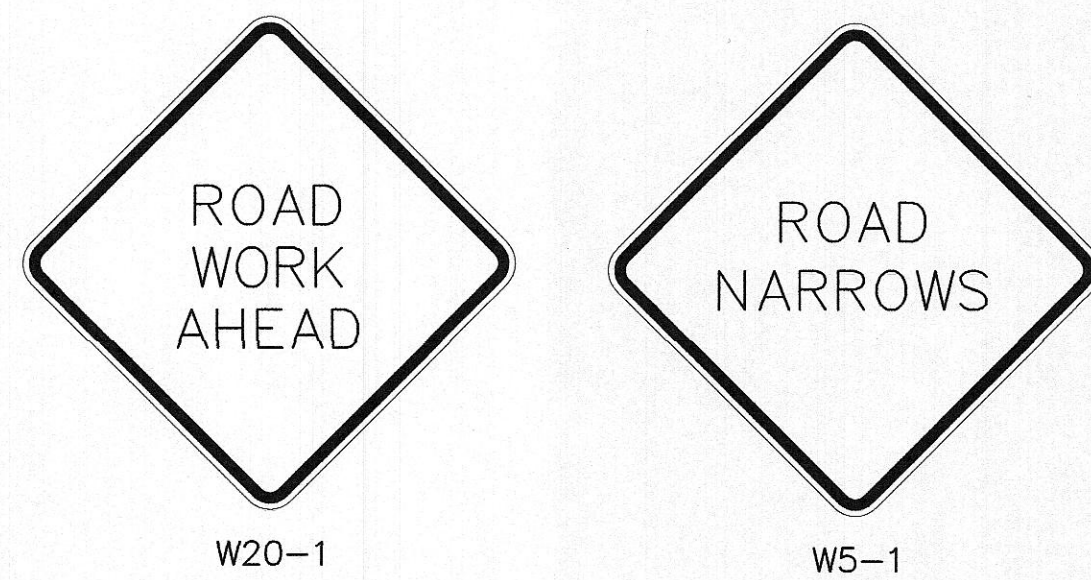


STRIPES ARE 6" WIDE ALTERNATING REFLECTORIZED ORANGE AND REFLECTORIZED WHITE. ALL REFLECTORIZED SURFACES SHALL BE TYPE 1 SHEETING. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF BARRICADES. STRIPES SHALL SLOPE DOWNWARD TOWARD THE SIDE TRAFFIC IS TO PASS.

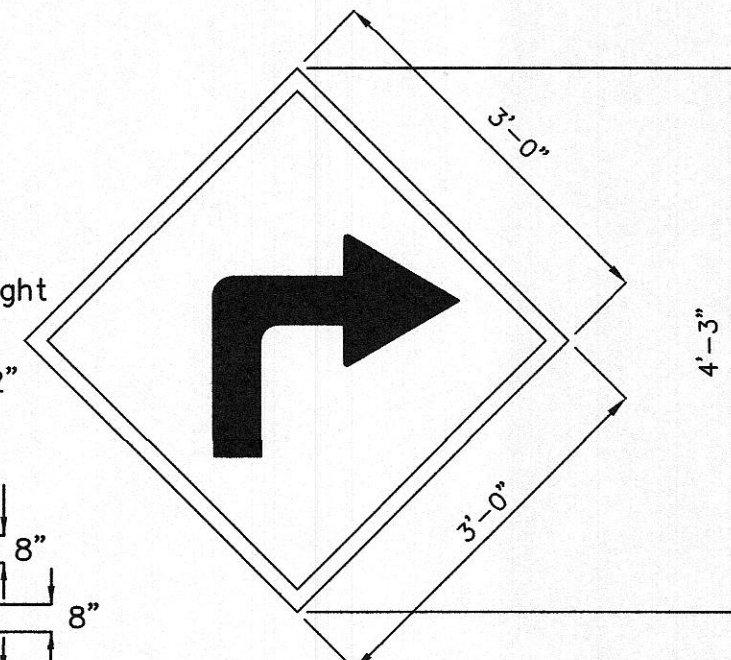
TYPE III MOVABLE BARRICADE UNIT



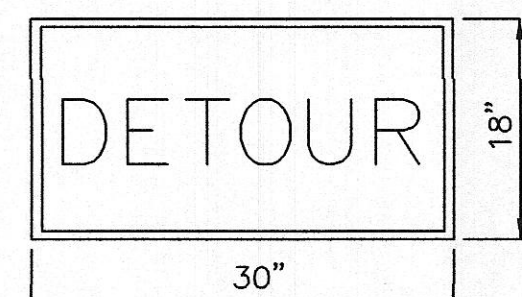
EAST CAMPUS DRIVE REPAIRS



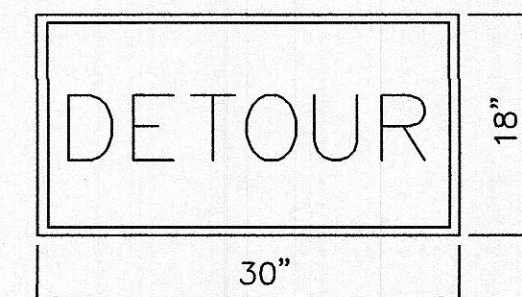
W20-1 W5-1



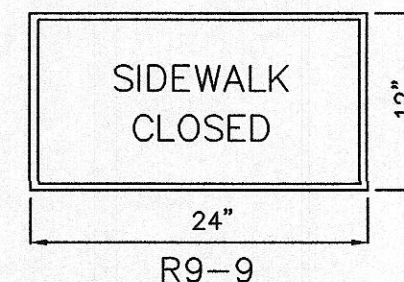
W1-1R W1-1L



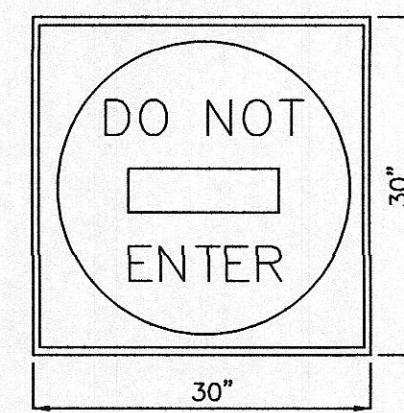
W16-9P



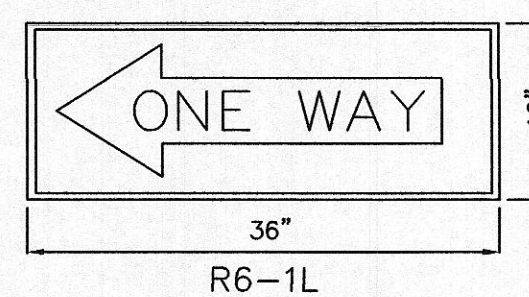
W16-9P



R9-9



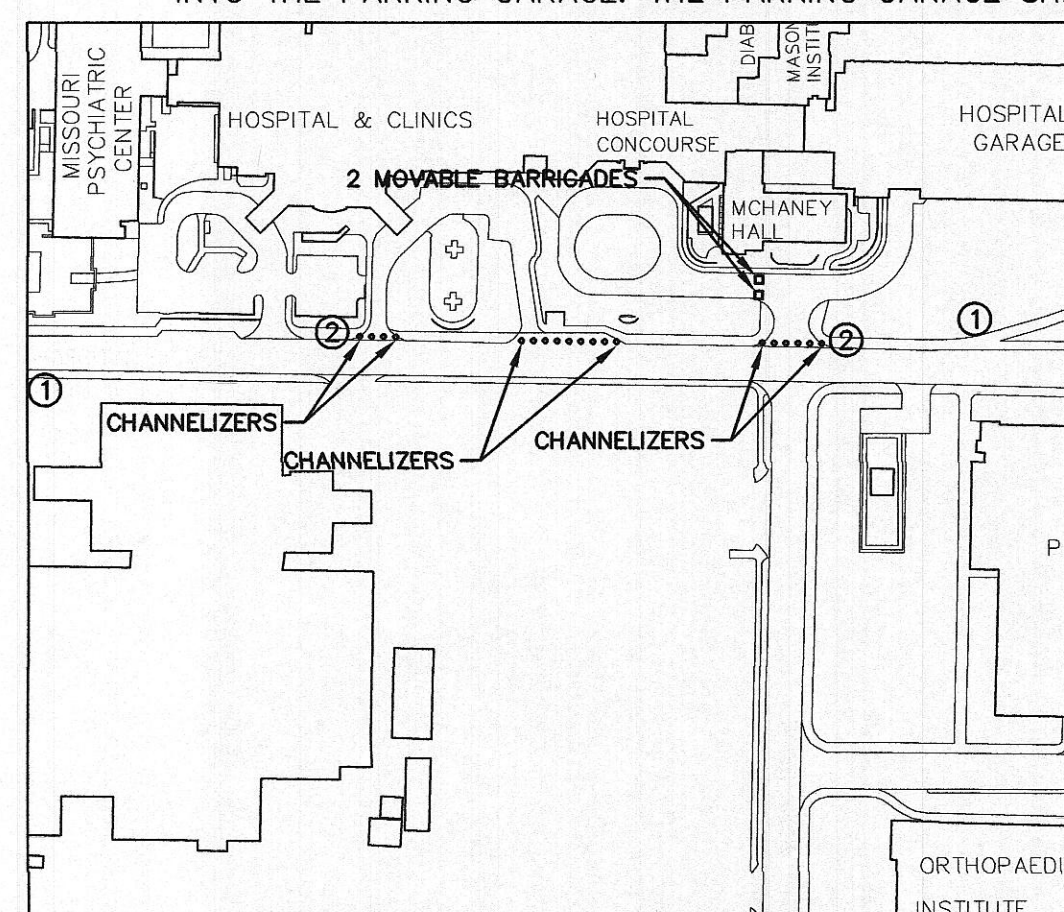
R5-1



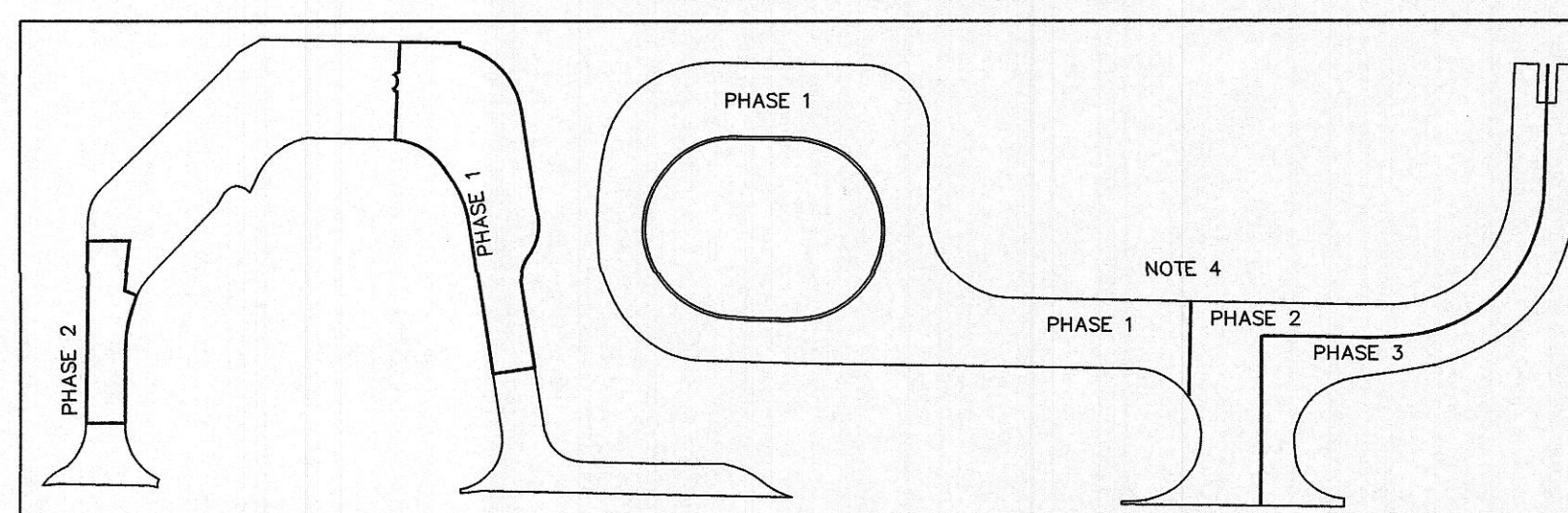
R6-1L

- NOTES:
1. THE CONTRACTOR SHALL UTILIZE CONSTRUCTION SIGNS ONLY WHEN NECESSARY DUE TO CONSTRUCTION OPERATIONS. ALL SIGNS AND HANDLING OF TRAFFIC SHALL BE IN ACCORDANCE WITH MUTCD.
 2. ALL SIGNS GREATER THAN 10 SQUARE FEET IN AREA SHALL BE MOUNTED ON TWO POSTS.
 3. THE CONTRACTOR SHALL MODIFY THE TRAFFIC CONTROL PLAN TO FIT HIS CONSTRUCTION TECHNIQUE AND SCHEDULE. ANY MODIFIED TRAFFIC CONTROL PLAN SHALL BE APPROVED BY THE ENGINEER.
 4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE AND PROVIDE ADEQUATE TRAFFIC CONTROL FOR ALL LOTS OR ROADS IN ACCORDANCE WITH MUTCD.

- NOTES:
1. CONTRACTOR SHALL OBTAIN CITY PERMIT TO WORK IN CITY RIGHT-OF-WAY.
 2. CONTRACTOR SHALL MAINTAIN ONE ENTRANCE TO PARKING LOT OPEN DURING CONSTRUCTION. CONTRACTOR SHALL SUBMIT PHASING PLAN TO OWNER'S REPRESENTATIVE.
 3. CONTRACTOR SHALL PHASE CONSTRUCTION SO ONE LOT IS ACCESSIBLE AT ALL TIMES. CONTRACTOR SHALL SUBMIT PHASING PLAN TO OWNER'S REPRESENTATIVE.
 4. DURING CONSTRUCTION OF PHASE 2 AND 3 THE CONTRACTOR SHALL USE FLAG MEN TO CONTROL TRAFFIC INTO THE PARKING GARAGE. THE PARKING GARAGE SHALL REMAIN OPEN AT ALL TIMES.

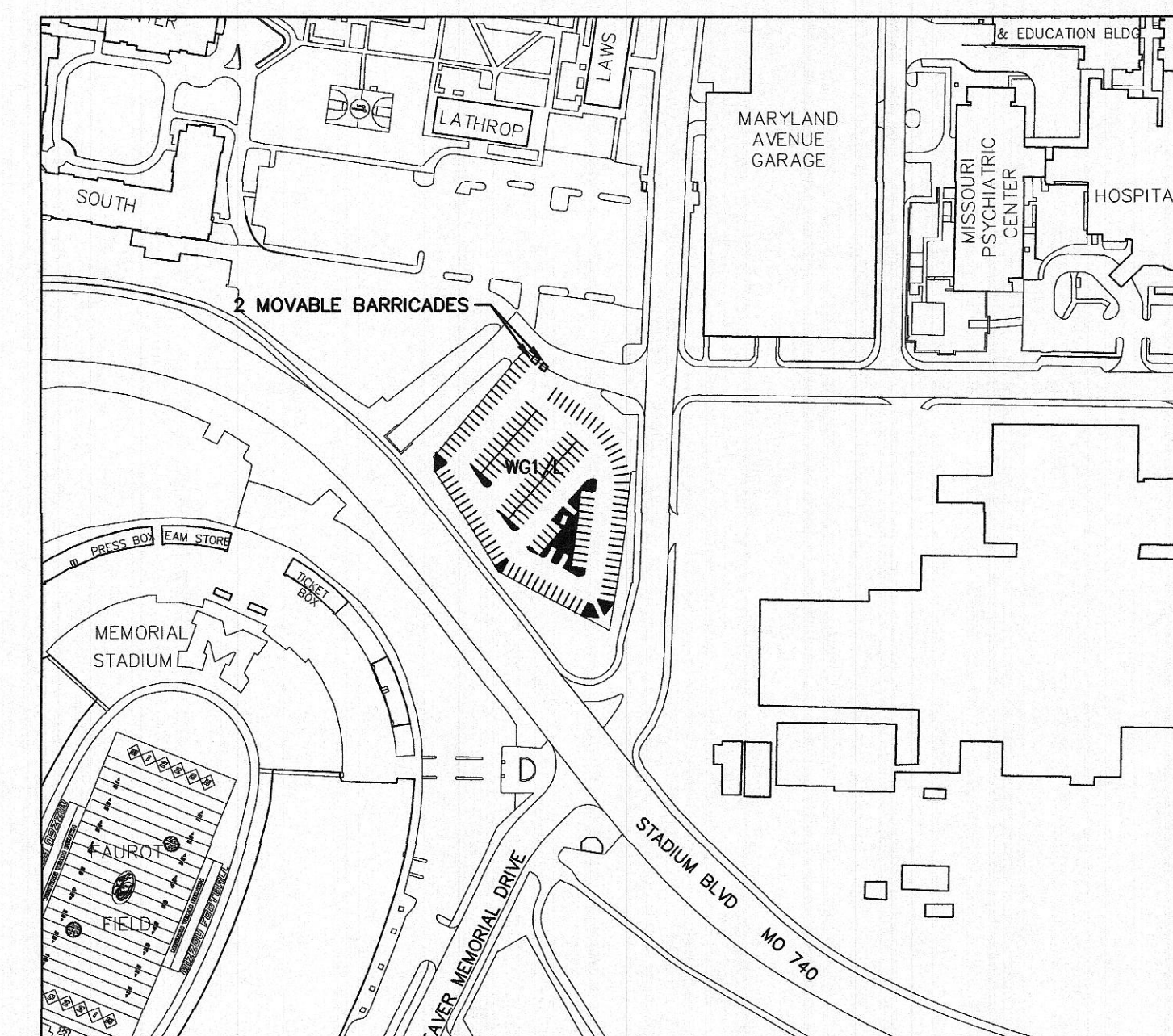


HOSPITAL CIRCLE DRIVE REPAIRS

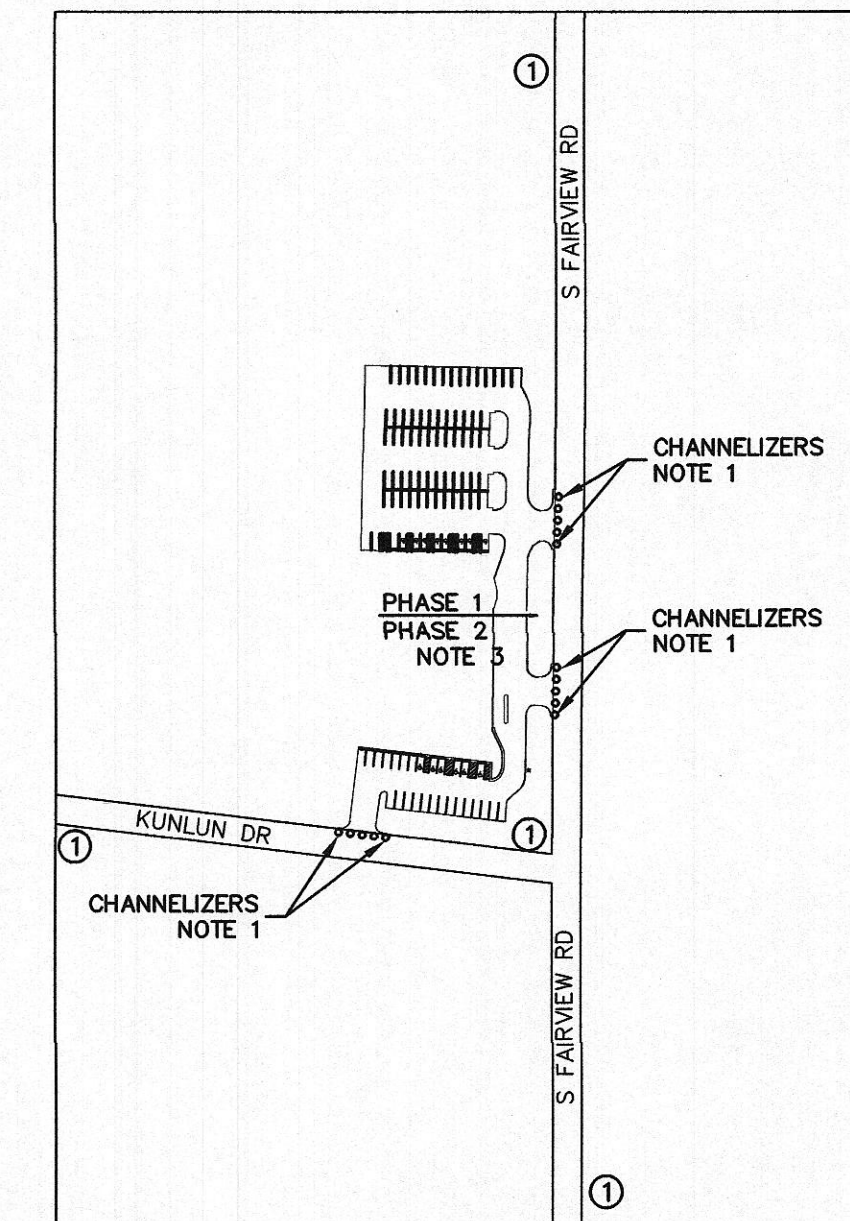


HOSPITAL CIRCLE DRIVE PHASING PLAN

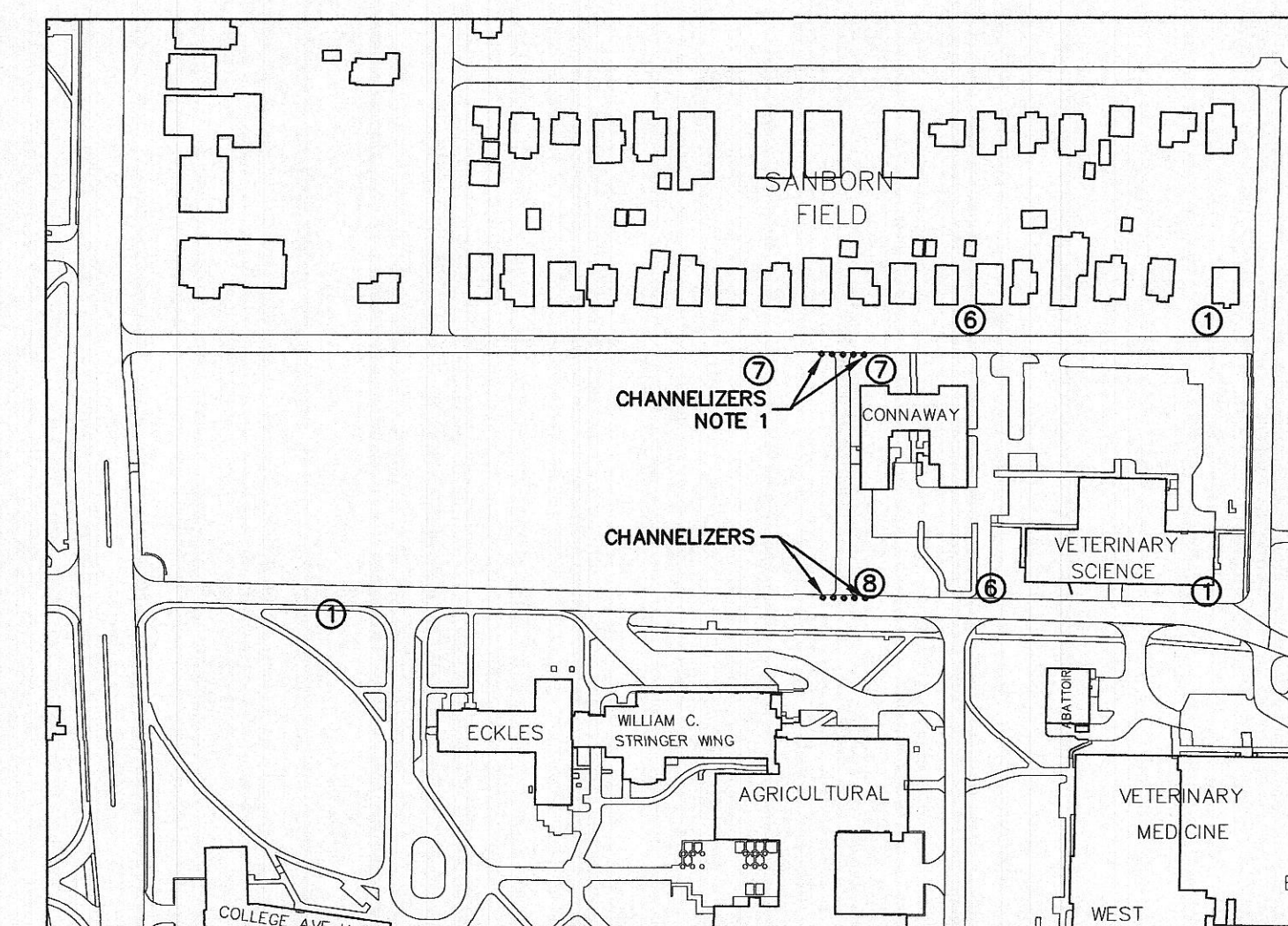
SIGN SUMMARY						
SIGN	SIZE INCHES	AREA SQ. FT.	QUANTITY	TOTAL AREA SQ. FT.	SIGN LEGEND	
WARNING SIGNS						
①	W20-1	48" X 48"	16.0	12	192	ROAD WORK AHEAD
②	R9-9	24" X 12"	2.0	4	8	SIDEWALK CLOSED
③	W1-1R	48" X 48"	16.0	2	32	DETOUR RIGHT TURN
④	W1-1L	48" X 48"	16.0	2	32	DETOUR LEFT TURN
⑤	W16-9P	30" X 18"	3.75	4	15	DETOUR SIGN
⑥	W5-1	48" X 48"	16.0	2	32	ROAD NARROWS
CONSTRUCTION SIGNS				311	SQ. FT. TOTAL	
PERMANENT SIGNS						
⑦	R6-1R	30" X 30"	6.25	2	12.5	DO NOT ENTER
⑧	R6-1L	36" X 12"	3.0	1	3.0	ONE WAY
PERMANENT SIGNS				15.5	SQ. FT. TOTAL	



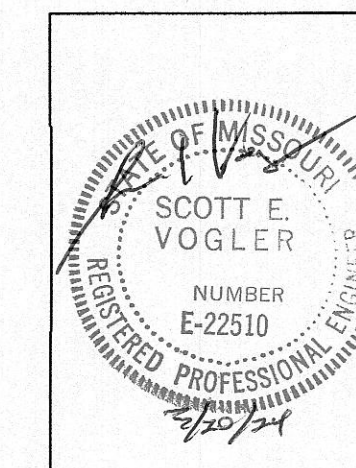
WGI/L REPAIRS



FAIRVIEW CLINIC REPAIRS



CONNAWAY BUILDING ROAD REPAIRS



BID SET ISSUED: 03/25/2024

NO.	DATE	REVISION DESCRIPTION	BY



OFFICE LOCATIONS
 HANNIBAL, MO
 JEFFERSON CITY, MO
 BRANSON, MO
 BOONVILLE, MO
 PITTSFIELD, IL

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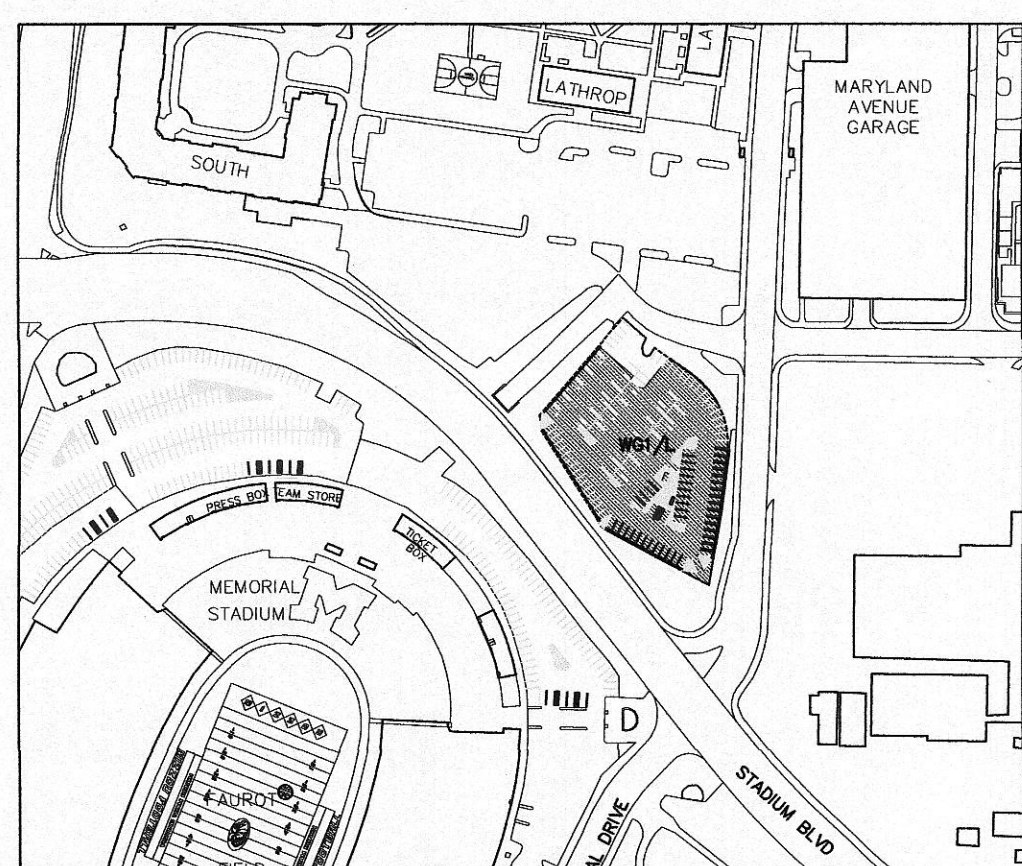
VARIOUS LOCATIONS
 FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE
 UNIVERSITY OF MISSOURI PROJECT NO. CP241342

SIGN LOCATION AND TRAFFIC CONTROL

SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED	SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	SEV	EW/TN					TrafControl-M	CP241342 473-070	3



Control Point Table			
Point #	Northing	Easting	Description
1	1130256.03	1688409.25	REPAIR
2	1130225.81	1688369.97	REPAIR
3	1130247.45	1688339.22	REPAIR
4	1130150.81	1688342.51	REPAIR
5	1130105.43	1688366.49	REPAIR
6	1130116.74	1688382.69	REPAIR
7	1130067.33	1688371.10	REPAIR
8	1130074.62	1688425.84	REPAIR
9	1130095.74	1688462.25	REPAIR
10	1130109.59	1688479.81	REPAIR
11	1130145.43	1688475.96	REPAIR
12	1130158.36	1688422.93	REPAIR



LOCATION MAP

NOTES TO THE CONTRACTOR:

Underground facilities, structures, and utilities have been plotted from available surveys and records and therefore, their locations must be considered approximate only. There may be others, the existence of which is at present not known. Verification of the locations of underground utilities, shown or not shown, will be the responsibility of the construction contractor.
 The contractor shall make suitable and timely requests to all utility owners, pipeline owners, or other parties affected to have all necessary adjustments of public or private utilities, pipe lines, or other appurtenances within, or adjacent to the limits of construction, as soon as practical or possible.

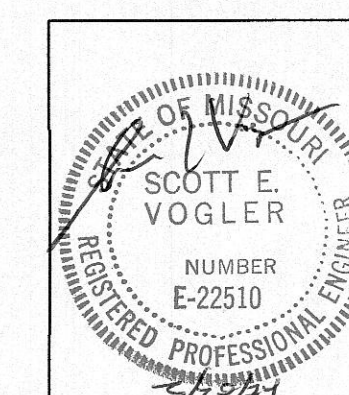
NOTES:

1. THE CITY SHALL CLEAN AND FILL ANY CRACK THAT MEASURES $\frac{1}{8}$ " WIDE OR MORE. ALL CRACKS SHOWN ARE REPRESENTATIVE OF THE CRACKS TO BE FILLED AND NO EXTRA PAYMENT SHALL BE GIVEN FOR ANY CRACK NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION, SIZE, AND AMOUNT OF CRACKS TO BE FILLED
2. LARGE CRACKS SHOWN AND CRACKS LARGER THAN $\frac{3}{4}$ " WIDE SHALL BE CLEANED TO SUBGRADE AND REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
3. THE CONTRACTOR SHALL REPAIR THE FAILED AREAS AS SHOWN IN DETAILS ON SHEET NO. 18
4. CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
5. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL REMOVE ALL THE PARKING BLOCKS SHOWN PRIOR TO SEAL COAT. THE EXISTING PARKING BLOCKS IN GOOD CONDITION SHALL BE REMOVED, STORED IN A SAFE LOCATION, AND REPLACED WHEN CONSTRUCTION IS COMPLETE. ANY PARKING BLOCKS DAMAGED DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.

LEGEND:

- ASPHALT BASED SEALER:
- 2" MILL AND WEDGE REPAIR:
- SUBGRADE REPAIR:
- SMALL CRACK:
- LARGE CRACK:

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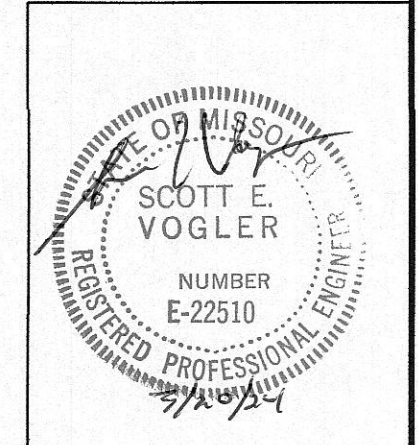
IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY	NO.	DATE	REVISION DESCRIPTION	BY	 mecoengineering.com MO Engineering Lic. #000898 - IL Design Firm #184-001749	OFFICE LOCATIONS HANDBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL	THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) & (PURSUANT TO 225 ILCS 325/PROFESSIONAL ENGINEERING PRACTICE ACT OF 1989) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART, OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.	VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342					WG1/L REPAIR PLAN		
	SURVEYED	DESIGNED	DRAWN	CHECKED				APPROVED	RELEASED	SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.		
	SEV	EW/TN					WG1L-M	CP241342 473-070	4						



Control Point Table			
Point #	Northing	Easting	Description
13	1130279.30	1688426.39	STRIPING
14	1130246.80	1688469.32	STRIPING
15	1130216.85	1688488.44	STRIPING
16	1130173.05	1688496.51	STRIPING
17	1130030.85	1688474.11	STRIPING
18	1130026.05	1688466.40	STRIPING
19	1130083.33	1688357.35	STRIPING
20	1130210.64	1688279.28	STRIPING
21	1130292.42	1688350.00	STRIPING
22	1130275.12	1688369.48	STRIPING
23	1130207.47	1688310.12	STRIPING
24	1130183.72	1688337.18	STRIPING
25	1130251.37	1688396.54	STRIPING
26	1130249.85	1688433.71	STRIPING
27	1130148.40	1688344.63	STRIPING
28	1130124.33	1688371.40	STRIPING
29	1130225.79	1688460.48	STRIPING
30	1130186.64	1688472.47	STRIPING
31	1130064.73	1688455.68	STRIPING
32	1130074.25	1688429.16	STRIPING
33	1130102.68	1688384.05	STRIPING
34	1130135.90	1688414.41	STRIPING
35	1130152.32	1688429.43	STRIPING
36	1130185.67	1688459.91	STRIPING

NOTES:

- CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR STRIPING DETAILS ON THIS LOT.

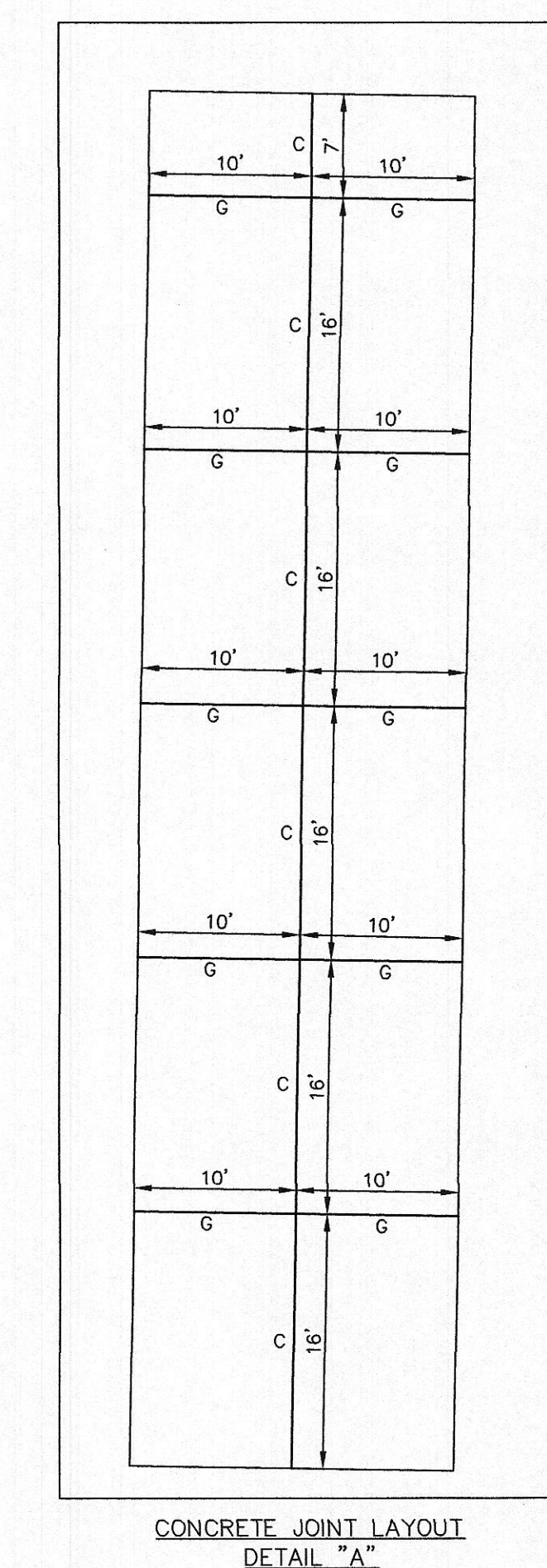
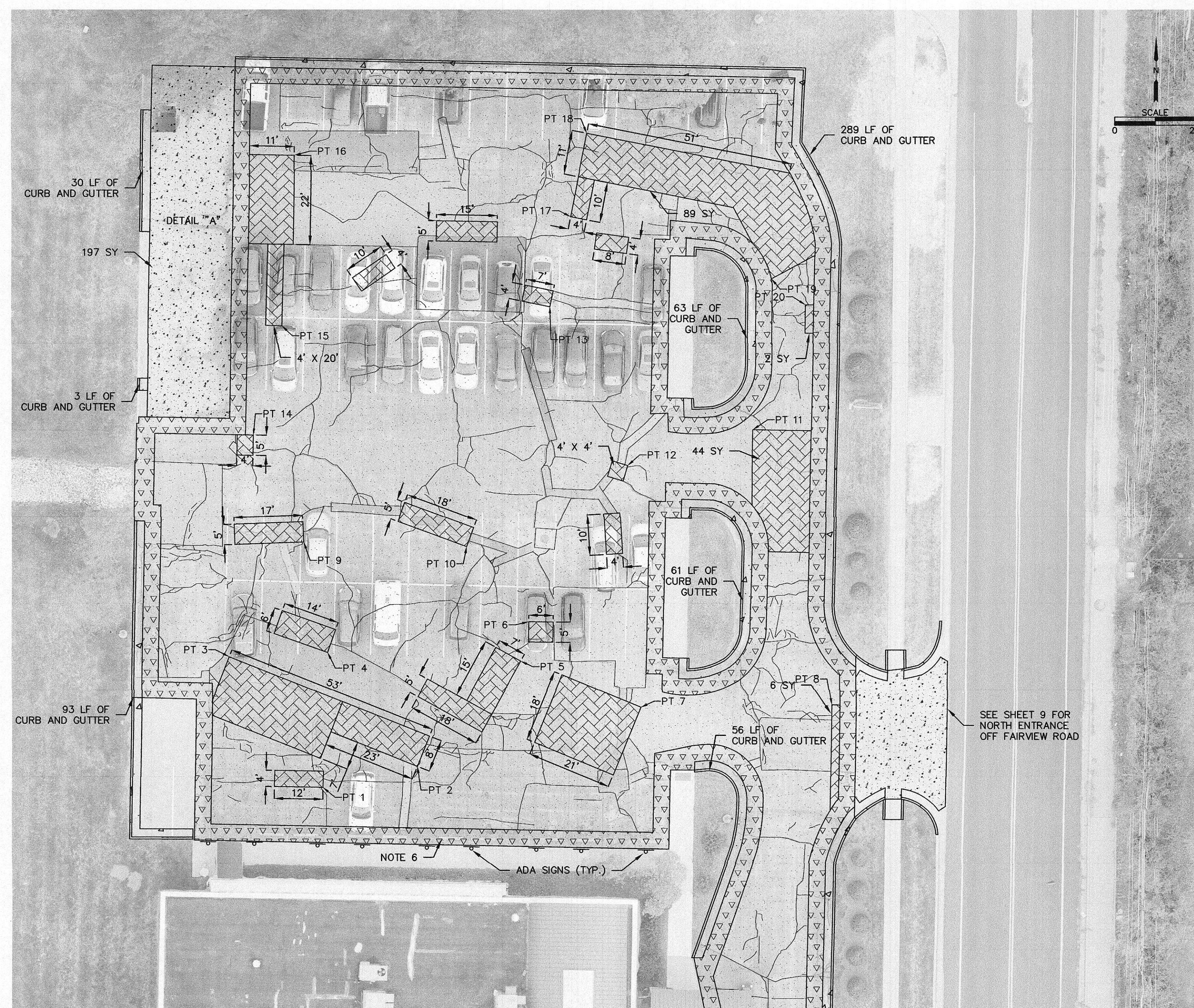


BID SET ISSUED: 03/25/2024

<p>IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY.</p>	<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REVISION DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	REVISION DESCRIPTION	BY													<p>MECO ENGINEERING CO., INC.</p> <p>meceoengineering.com MO Engineering Lic. #000896 - IL Design Firm #184-001749</p>	<p>OFFICE LOCATIONS HANNIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL</p>	<p>THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) & (PURSUANT TO 225 ILCS 325/PROFESSIONAL ENGINEERING PRACTICE ACT OF 1989) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART, OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.</p>	<p>VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342</p> <table border="1" style="width:100%; font-size: 8px;"> <tr> <td>SURVEYED</td> <td>DESIGNED</td> <td>DRAWN</td> <td>CHECKED</td> <td>APPROVED</td> <td>RELEASED</td> </tr> <tr> <td> </td> <td>SEV</td> <td>EW/TN</td> <td> </td> <td> </td> <td> </td> </tr> </table>	SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED		SEV	EW/TN				<p>WG1/L STRIPING PLAN</p> <table border="1" style="width:100%; font-size: 8px;"> <tr> <td>SCALE</td> <td>DRAWING NAME</td> <td>PROJECT NUMBER</td> <td>SHEET NO.</td> </tr> <tr> <td> </td> <td>WG1-L</td> <td>CP241342 473-070</td> <td>5</td> </tr> </table>	SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.		WG1-L	CP241342 473-070	5
NO.	DATE	REVISION DESCRIPTION	BY																																							
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED																																					
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SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.																																							
	WG1-L	CP241342 473-070	5																																							

LEGEND:

- 2" BP-1 OVERLAY:
- 2" MILL AND WEDGE REPAIR:
- CONCRETE REPAIR:
- 4" EDGE MILL:
- MILL AND OVERLAY:
- SMALL CRACK:



NOTES:

1. THE CITY SHALL CLEAN AND FILL ANY CRACK THAT MEASURES 1/8" WIDE OR MORE. ALL CRACKS SHOWN ARE REPRESENTATIVE OF THE CRACKS TO BE FILLED AND NO EXTRA PAYMENT SHALL BE GIVEN FOR ANY CRACK NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION, SIZE, AND AMOUNT OF CRACKS TO BE FILLED.
2. LARGE CRACKS SHOWN AND CRACKS LARGER THAN 3/4" WIDE SHALL BE CLEANED TO SUBGRADE AND REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
3. CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
4. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.
5. CONTRACTOR SHALL GRADE TO DRAIN ALONG EDGE OF ASPHALT.
6. THE CONTRACTOR SHALL REMOVE ALL THE PARKING BLOCKS SHOWN PRIOR TO OVERLAY. THE EXISTING PARKING BLOCKS IN GOOD CONDITION SHALL BE REMOVED, STORED IN A SAFE LOCATION, AND REPLACED WHEN CONSTRUCTION IS COMPLETE. ANY PARKING BLOCKS DAMAGED DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.

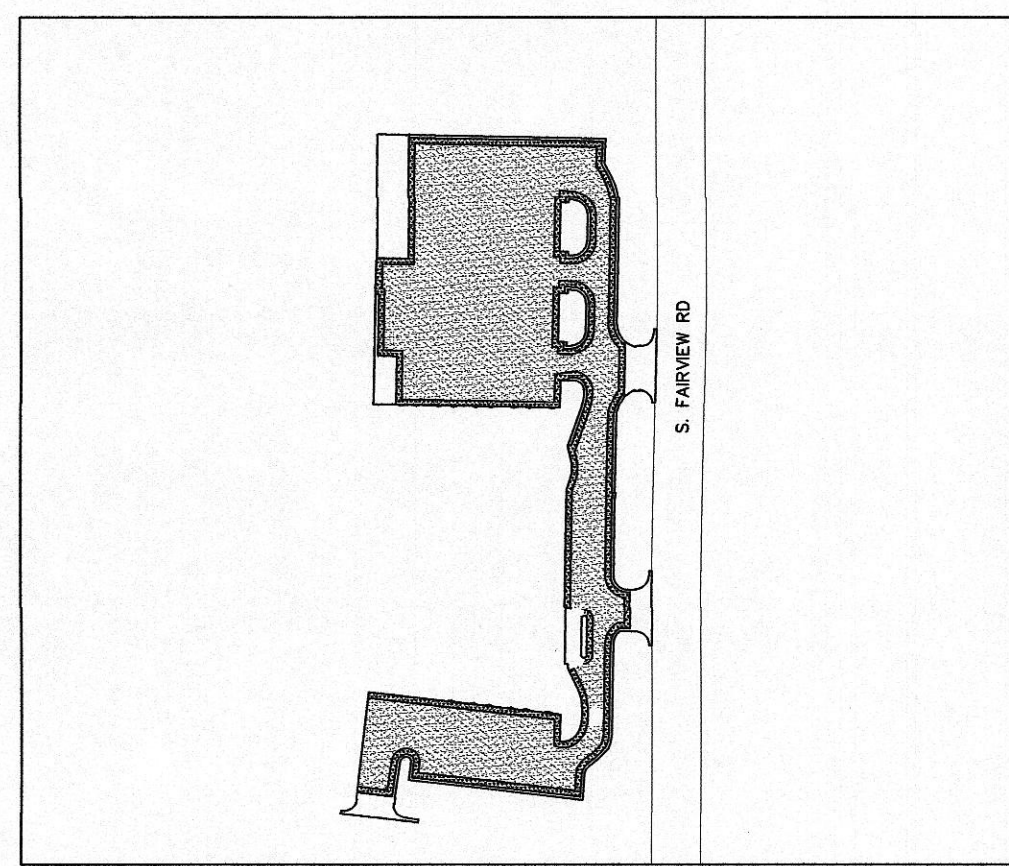
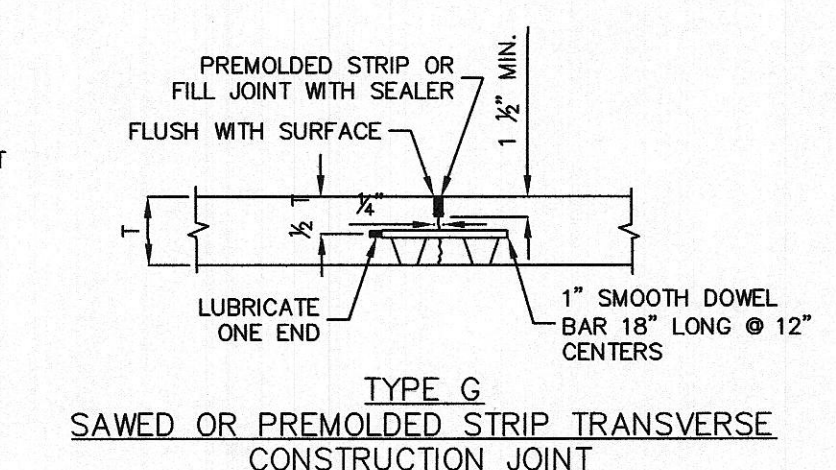
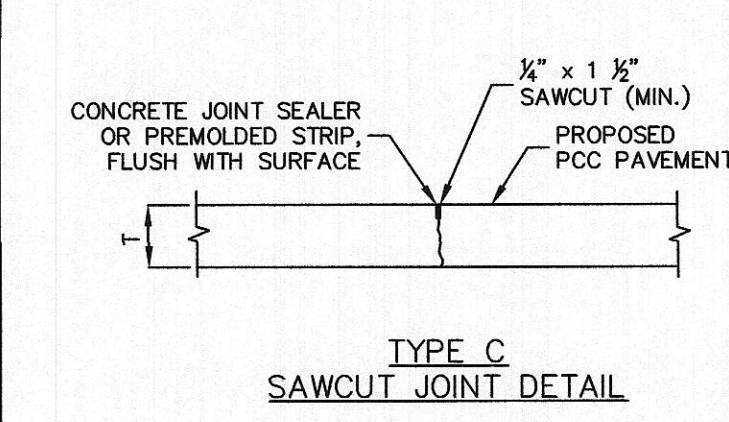
NOTES TO THE CONTRACTOR:

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The contractor shall make suitable and timely requests to all utility owners, pipeline owners, or other parties affected to have all necessary adjustments of public or private utilities, pipe lines, or other appurtenances within, or adjacent to the limits of construction, as soon as practical or possible.

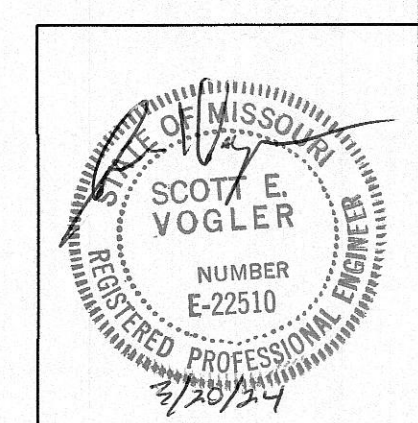
Control Point Table			
Point #	Northing	Easting	Raw Description
1	1136056.6238	1674152.7933	REPAIR
2	1136061.8059	1674176.0316	REPAIR
3	1136088.7774	1674129.7172	REPAIR
4	1136089.8176	1674153.9932	REPAIR
5	1136087.7160	1674201.6239	REPAIR
6	1136097.4148	1674203.6131	REPAIR
7	1136076.3480	1674231.1855	REPAIR
8	1136076.9601	1674278.2543	REPAIR
9	1136117.0618	1674148.0099	REPAIR
10	1136115.9231	1674188.2354	REPAIR
11	1136144.7091	1674258.8895	REPAIR
12	1136135.8806	1674228.0647	REPAIR

Control Point Table			
Point #	Northing	Easting	Raw Description
13	1136174.9484	1674208.9107	REPAIR
14	1136143.3844	1674135.7283	REPAIR
15	1136170.2520	1674142.8200	REPAIR
16	1136212.2191	1674145.9009	REPAIR
17	1136197.0843	1674213.9763	REPAIR
18	1136217.6855	1674218.0495	REPAIR
19	1136181.8596	1674263.5336	REPAIR
20	1136175.4421	1674271.9230	REPAIR
21	1135841.2046	1674267.1936	REPAIR
22	1135826.8205	1674268.9226	REPAIR
23	1135786.4514	1674250.9095	REPAIR
24	1135790.4360	1674222.3962	REPAIR



LOCATION MAP

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MECO
ENGINEERING CO., INC.

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JEFFERSON CITY, MO
BRANSON, MO
BOONVILLE, MO
PITTSFIELD, IL

mecoengineering.com
MO Engineering Lic. #000898 - IL Design Firm #184-001749

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VARIOUS LOCATIONS
FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE
UNIVERSITY OF MISSOURI PROJECT NO. CP241342

SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

FAIRVIEW CLINIC REPAIR PLAN

SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	Fairview Clinic-M	CP241342-473-070	6

L:\2024\Projects\CP241342\03/25/2024\Summer Paving - Design\DWG\MECO\BIM\PC\PC\ASCE\Fairview Clinic Main Layout.dwg, 3/25/2024, 1:08:09 PM



STRIPING PLAN:



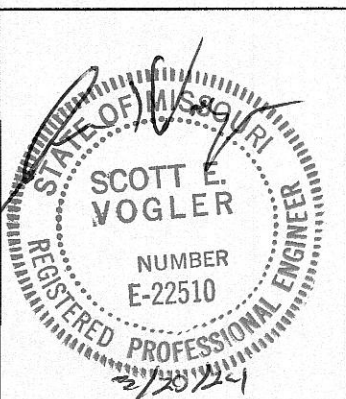
STRIPING PLAN:

NOTES:

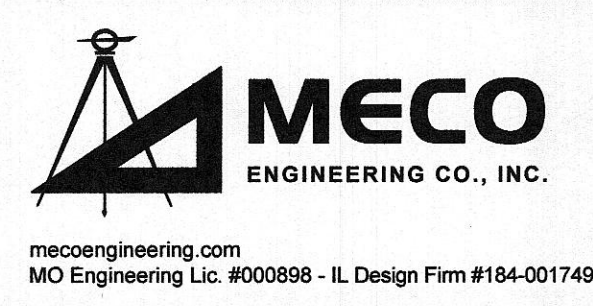
1. CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR STRIPING DETAILS ON THIS LOT.
2. CONTRACTOR SHALL NOT DISTURB EXISTING ADA SIGNS

Point #	Northing	Easting	Raw Description
25	1136060.9307	1674238.4434	STRIPING
26	1136063.7632	1674114.4579	STRIPING
27	1136107.7189	1674128.9838	STRIPING
28	1136105.4790	1674236.9263	STRIPING
29	1136170.2001	1674238.1598	STRIPING
30	1136172.6234	1674130.1870	STRIPING
31	1136235.0846	1674135.8633	STRIPING
32	1136233.2722	1674271.4153	STRIPING
33	1135762.0194	1674253.8763	STRIPING
34	1135776.1323	1674129.7893	STRIPING
35	1135822.8913	1674237.9893	STRIPING
36	1135838.8404	1674101.3736	STRIPING

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NO.	DATE	REVISION DESCRIPTION	BY



OFFICE LOCATIONS
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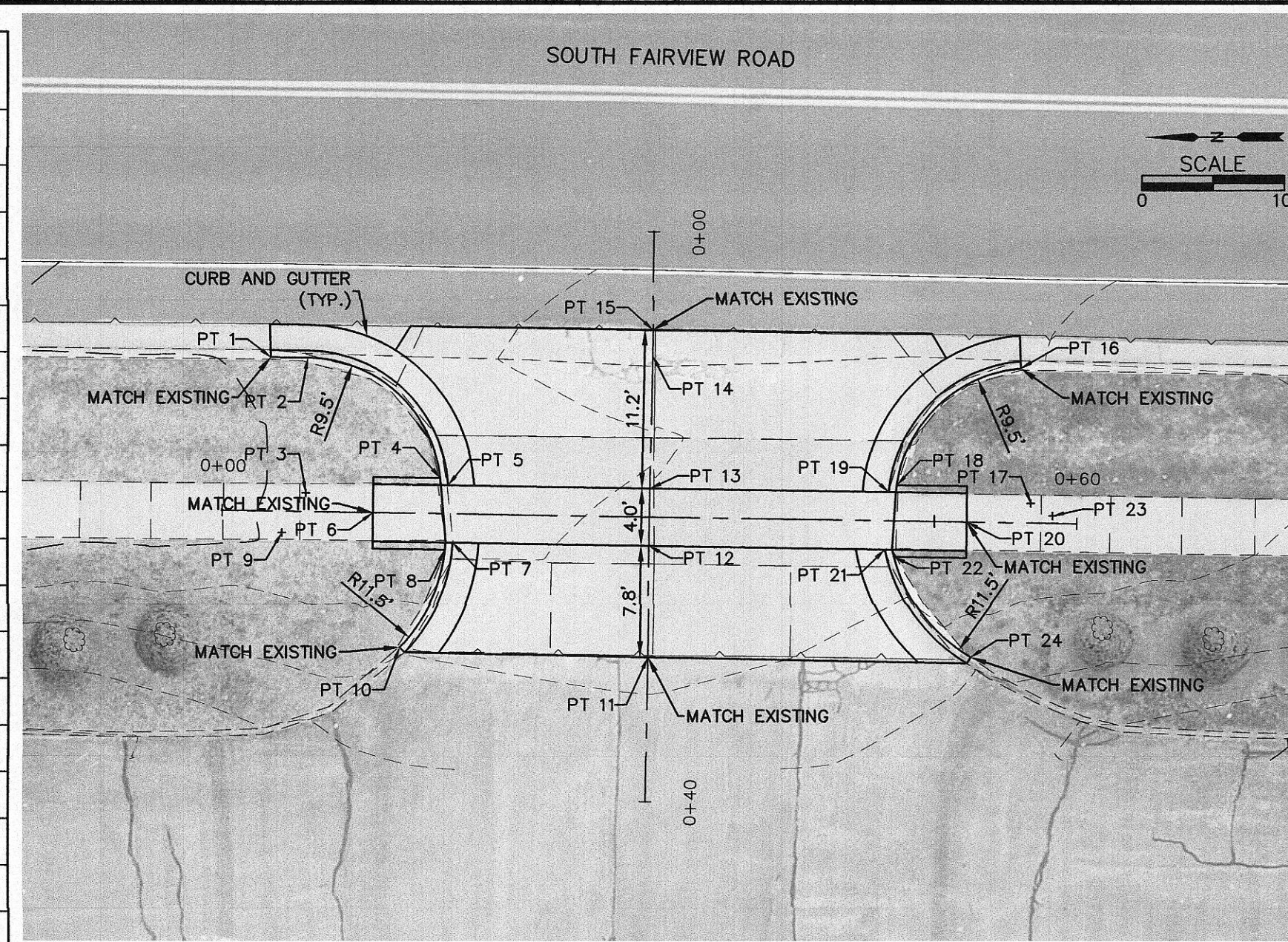
VARIOUS LOCATIONS
FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE
UNIVERSITY OF MISSOURI PROJECT NO. CP241342

SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

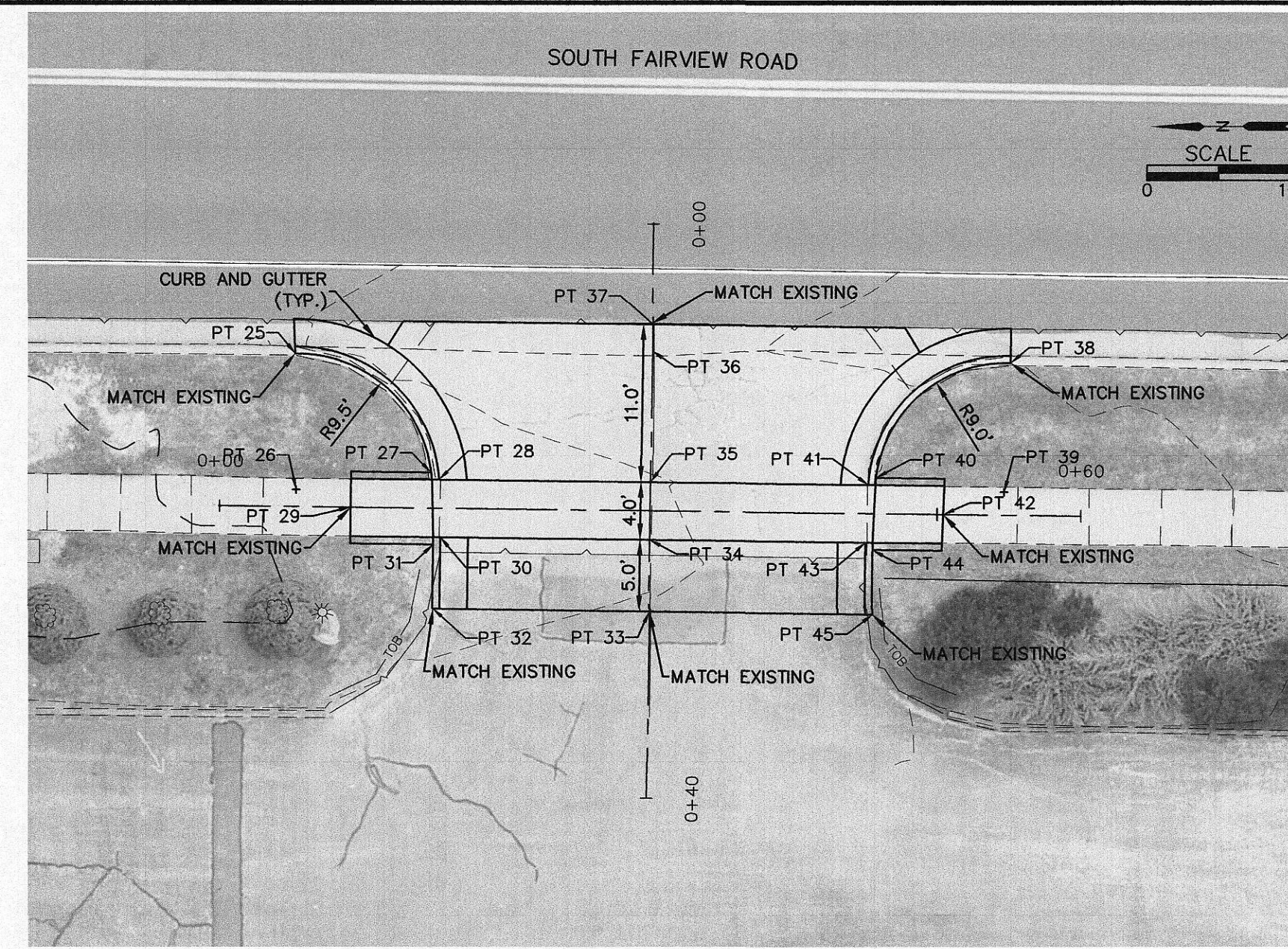
SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	Fairview Clinic-M	CP241342 473-070	7

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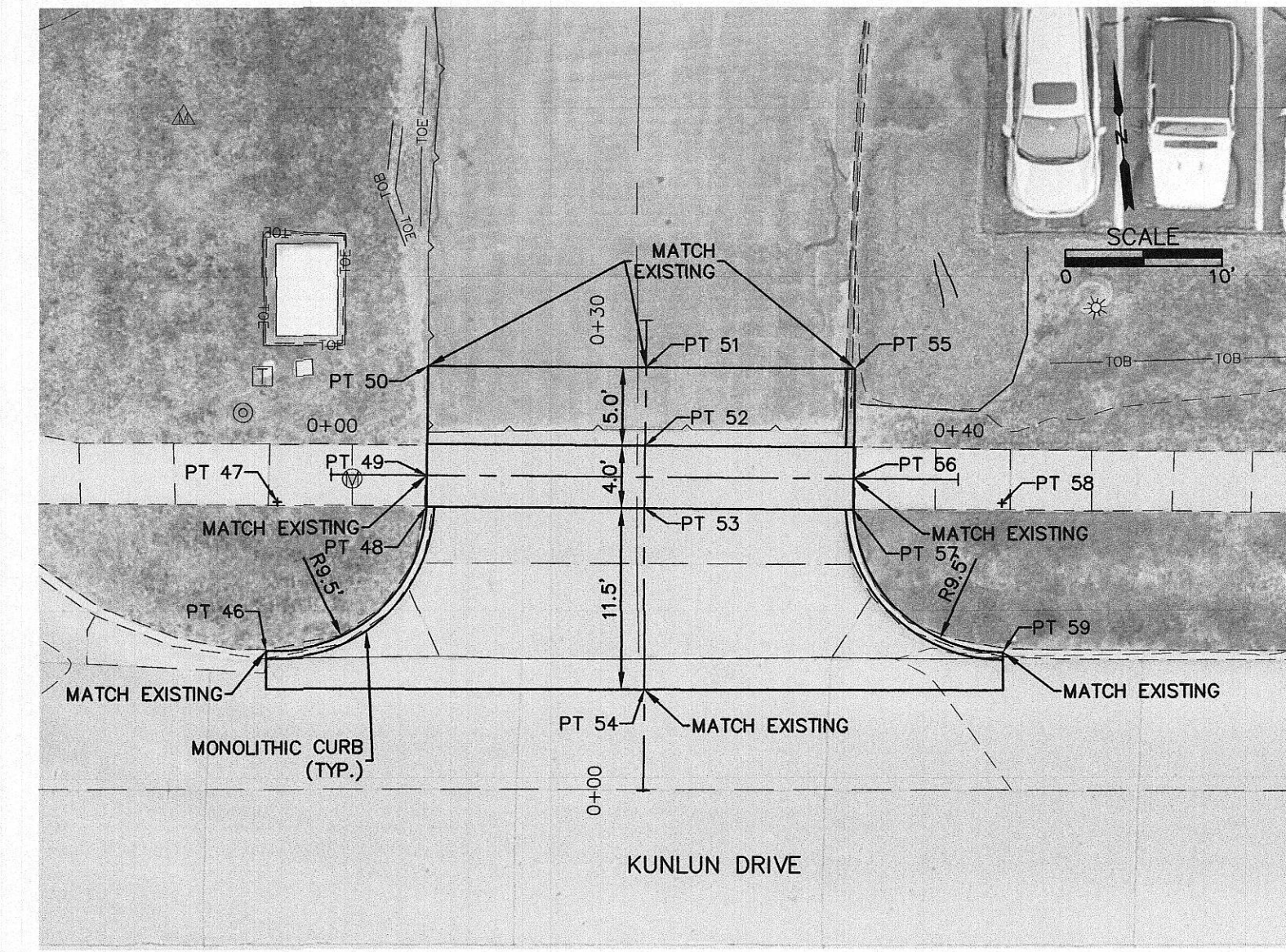
Control Point Table				
Point #	Northing	Easting	Description	Elevation
1	1136101.68	1674302.23	BACK OF CURB	0.00
2	1136099.06	1674302.19	BEGIN RADIUS	0.00
3	1136099.18	1674292.69	RADIUS POINT	0.00
4	1136089.74	1674293.72	END RADIUS	0.00
5	1136089.19	1674293.21	SIDEWALK	754.26
6	1136094.46	1674291.30	SIDEWALK	0.00
7	1136088.88	1674289.21	SIDEWALK	754.20
8	1136089.42	1674288.72	BEGIN RADIUS	0.00
9	1136100.86	1674289.93	RADIUS POINT	0.00
10	1136092.67	1674281.86	END RADIUS	0.00
11	1136075.22	1674281.14	CONCRETE	0.00
12	1136075.08	1674288.97	SIDEWALK	753.84
13	1136075.00	1674292.97	SIDEWALK	753.90
14	1136074.83	1674302.30	CONCRETE	753.68
15	1136074.80	1674304.13	CONCRETE	0.00
16	1136048.99	1674301.35	BEGIN RADIUS	0.00
17	1136048.27	1674291.88	RADIUS POINT	0.00
18	1136057.68	1674293.17	END RADIUS	0.00
19	1136058.23	1674292.68	SIDEWALK	753.48
20	1136052.78	1674290.59	SIDEWALK	0.00
21	1136058.52	1674288.69	SIDEWALK	753.42
22	1136057.89	1674288.18	BEGIN RADIUS	0.00
23	1136046.75	1674291.00	RADIUS POINT	0.00
24	1136052.59	1674281.09	END RADIUS	0.00
25	1135926.03	1674299.09	BEGIN RADIUS	0.00
26	1135925.95	1674289.58	RADIUS POINT	0.00
27	1135916.52	1674290.77	END RADIUS	0.00
28	1135915.97	1674290.27	SIDEWALK	749.28
29	1135922.15	1674288.35	SIDEWALK	0.00
30	1135915.88	1674286.26	SIDEWALK	749.34
31	1135916.39	1674285.77	BACK OF CURB	0.00
32	1135916.46	1674281.30	BACK OF CURB	0.00
33	1135901.38	1674281.07	CONCRETE	0.00
34	1135901.30	1674286.06	SIDEWALK	748.95
35	1135901.24	1674290.06	SIDEWALK	748.89
36	1135901.10	1674299.21	CONCRETE	748.24
37	1135901.07	1674301.08	CONCRETE	0.00
38	1135876.17	1674298.33	BEGIN RADIUS	0.00
39	1135876.60	1674289.34	RADIUS POINT	0.00
40	1135885.54	1674290.35	END RADIUS	0.00
41	1135886.08	1674289.86	SIDEWALK	748.49
42	1135880.85	1674287.78	SIDEWALK	0.00
43	1135886.28	1674285.86	SIDEWALK	748.55
44	1135885.79	1674285.35	BACK OF CURB	0.00
45	1135885.86	1674280.83	BACK OF CURB	0.00
46	1135758.68	1674078.46	BEGIN RADIUS	0.00
47	1135768.06	1674080.28	RADIUS POINT	0.00
48	1135766.64	1674089.70	END RADIUS	0.00
49	1135768.63	1674089.94	SIDEWALK	0.00
50	1135775.55	1674090.76	CONCRETE	0.00
51	1135773.92	1674104.57	CONCRETE	0.00
52	1135768.96	1674103.98	SIDEWALK	748.55
53	1135764.98	1674103.51	SIDEWALK	748.49
54	1135753.52	1674102.16	CONCRETE	0.00
55	1135772.36	1674117.79	BACK OF CURB	0.00
56	1135765.38	1674116.97	SIDEWALK	0.00
57	1135763.39	1674116.75	BEGIN RADIUS	0.00
58	1135762.73	1674126.20	RADIUS POINT	0.00
59	1135753.31	1674125.17	END RADIUS	0.00



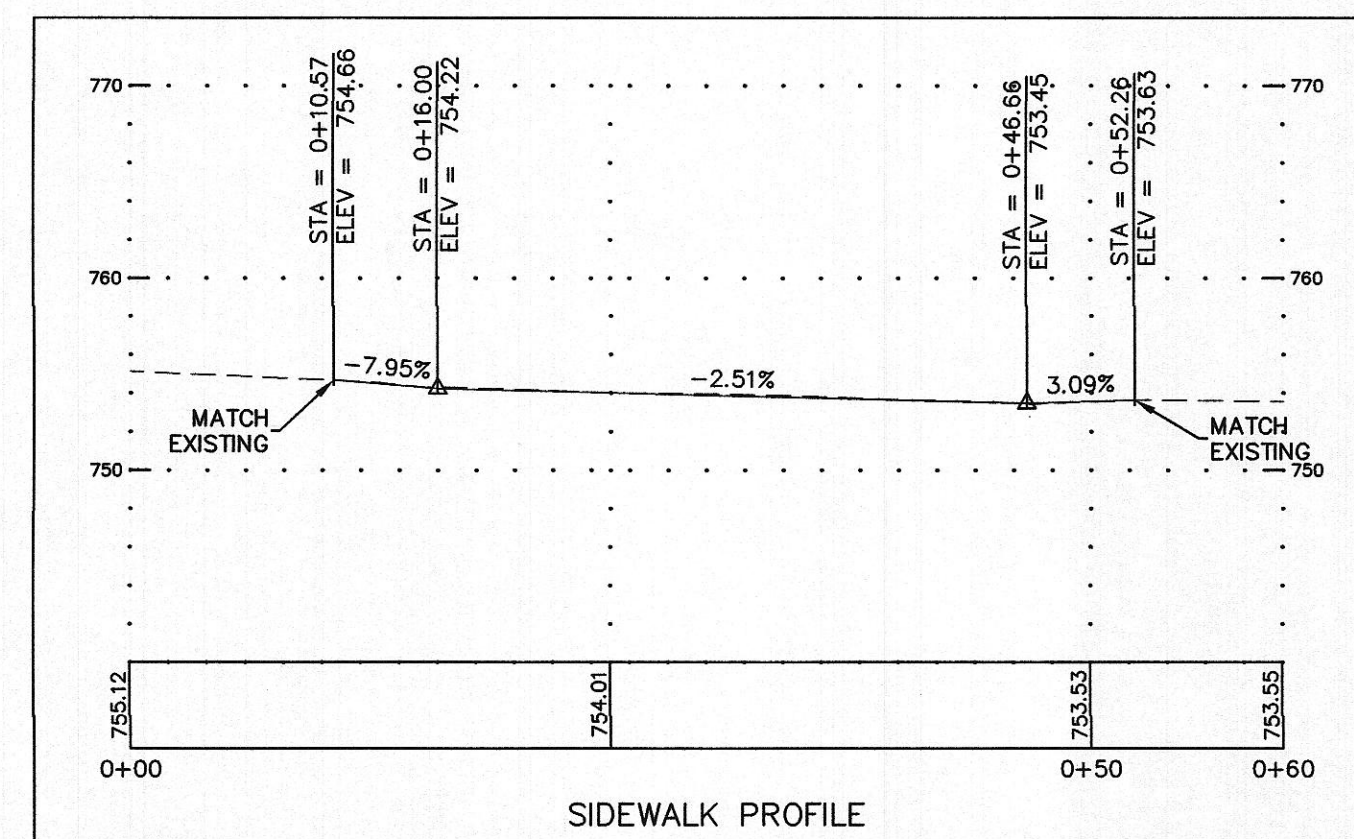
NORTH ENTRANCE OFF FAIRVIEW ROAD



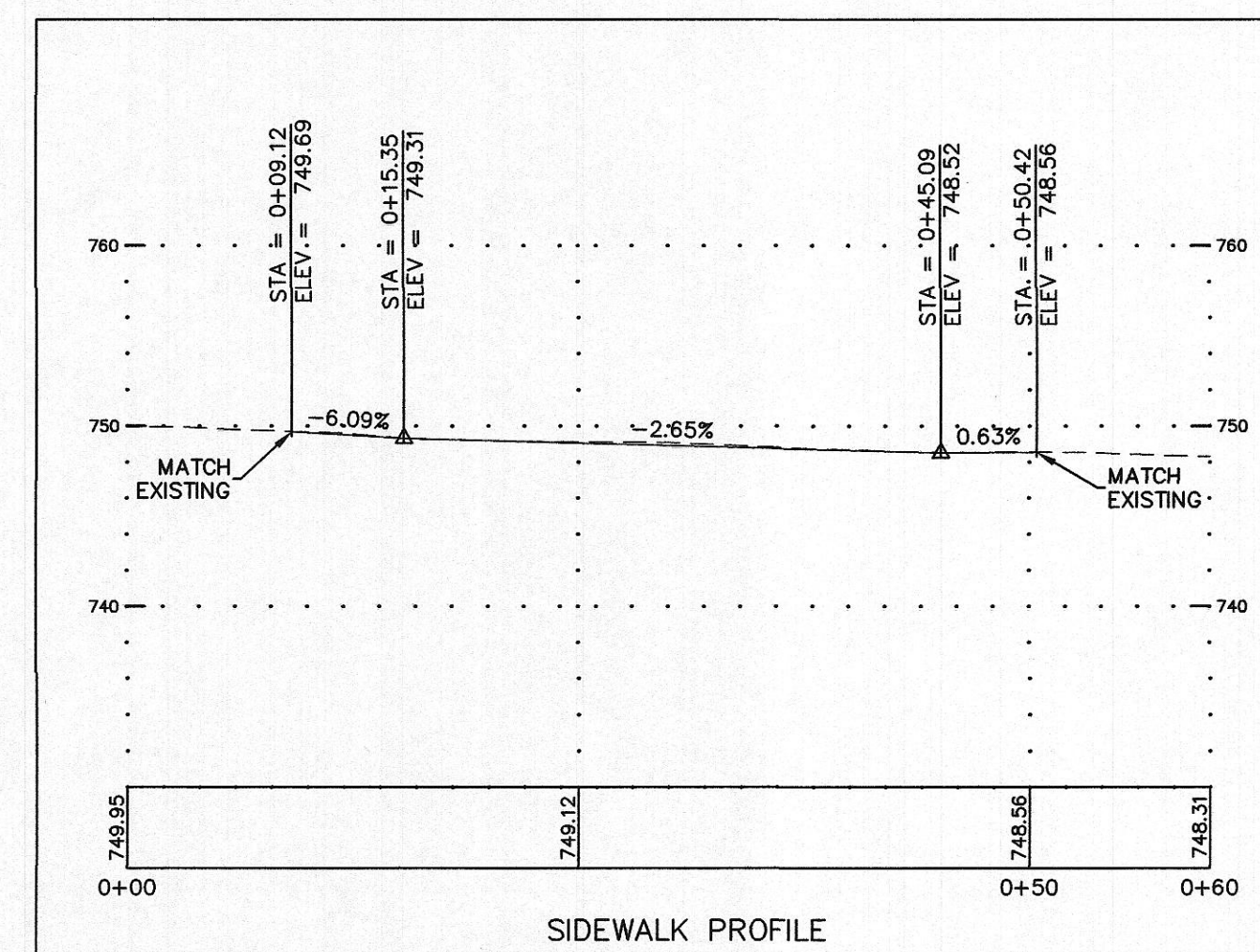
SOUTH ENTRANCE OFF FAIRVIEW ROAD



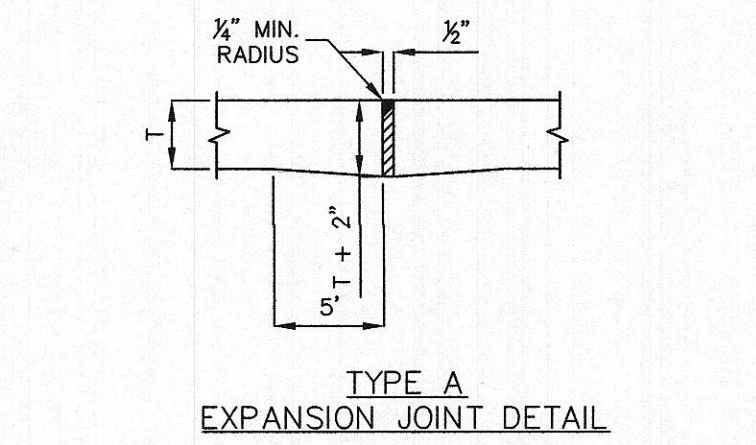
ENTRANCE OFF KUNLUN DRIVE



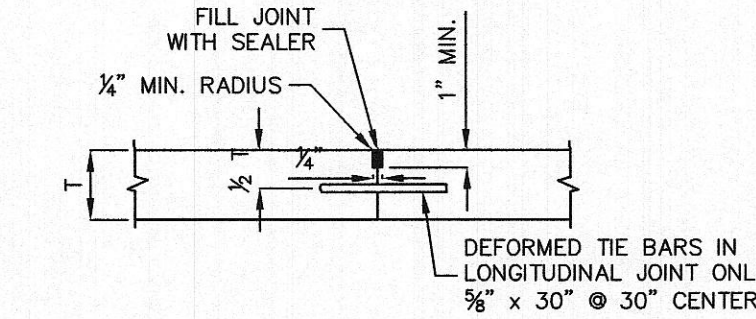
SIDEWALK PROFILE



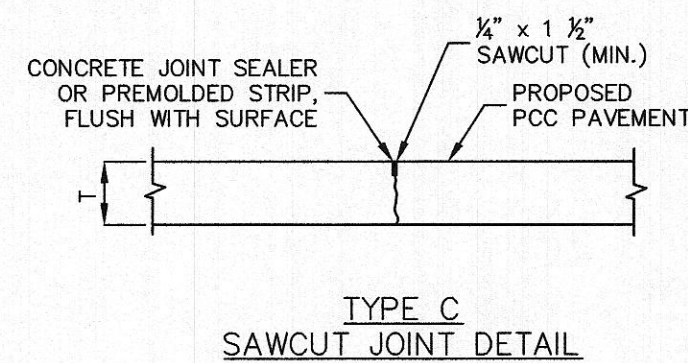
SIDEWALK PROFILE



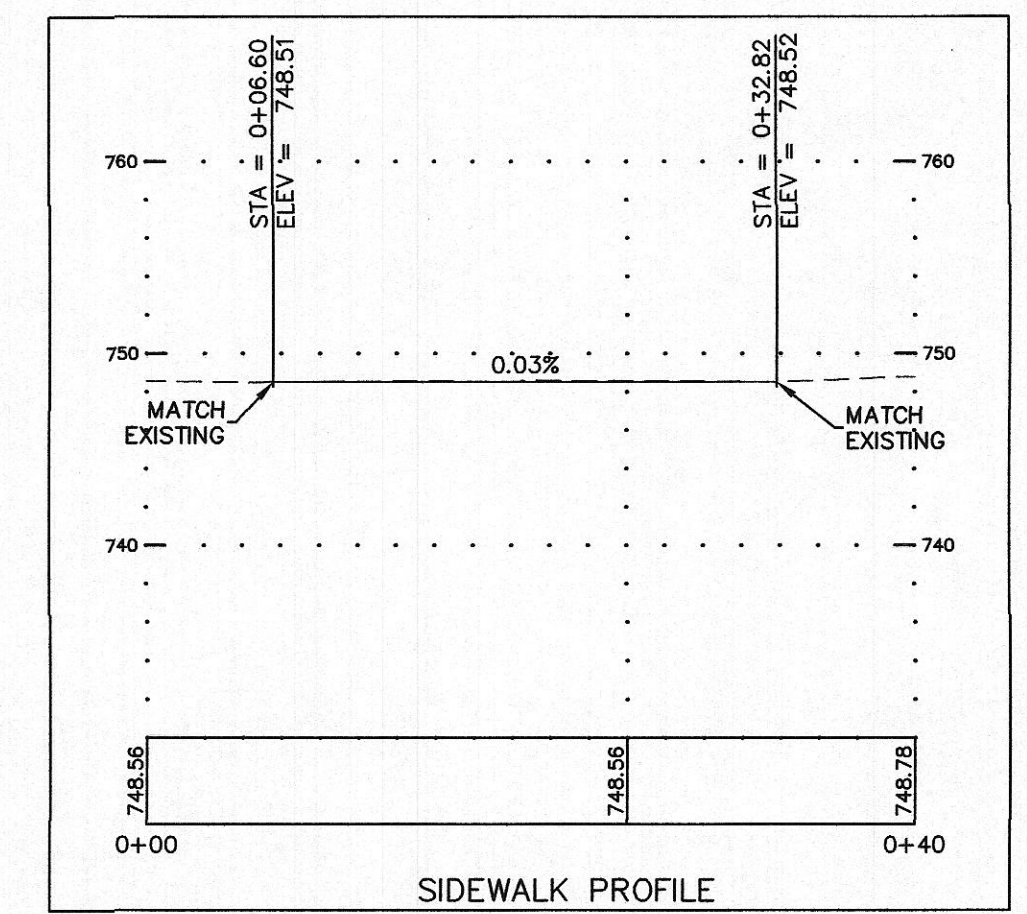
TYPE A EXPANSION JOINT DETAIL



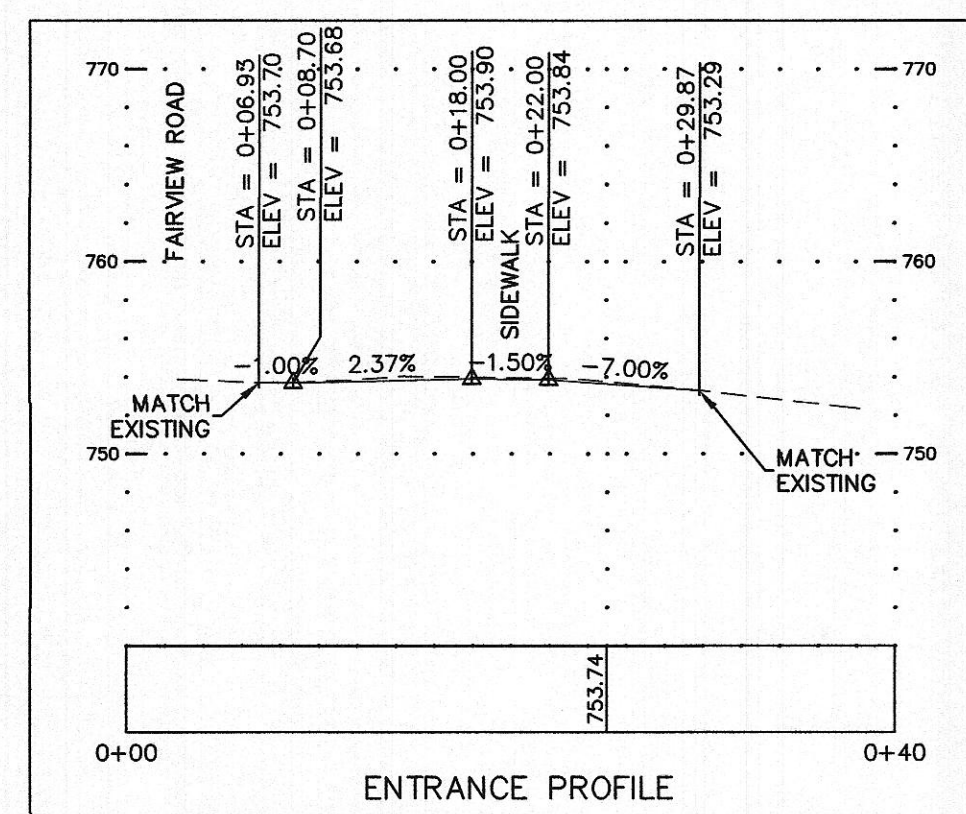
TYPE B LONGITUDINAL CONSTRUCTION JOINT



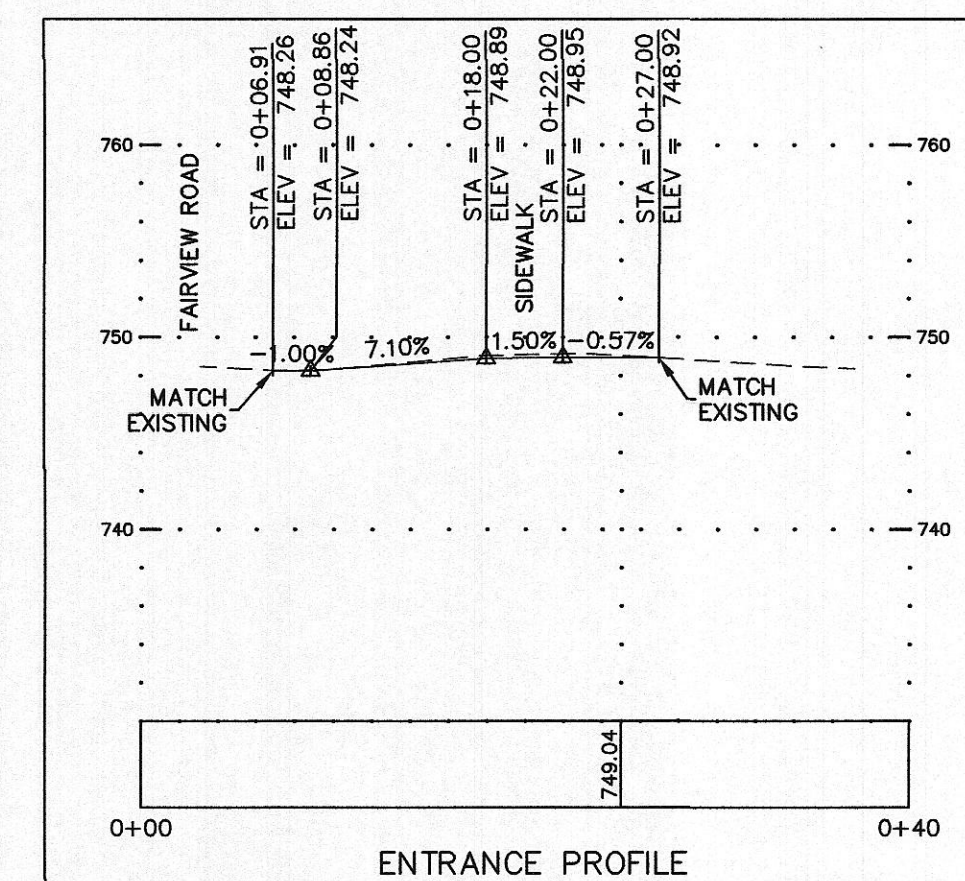
TYPE C SAWCUT JOINT DETAIL



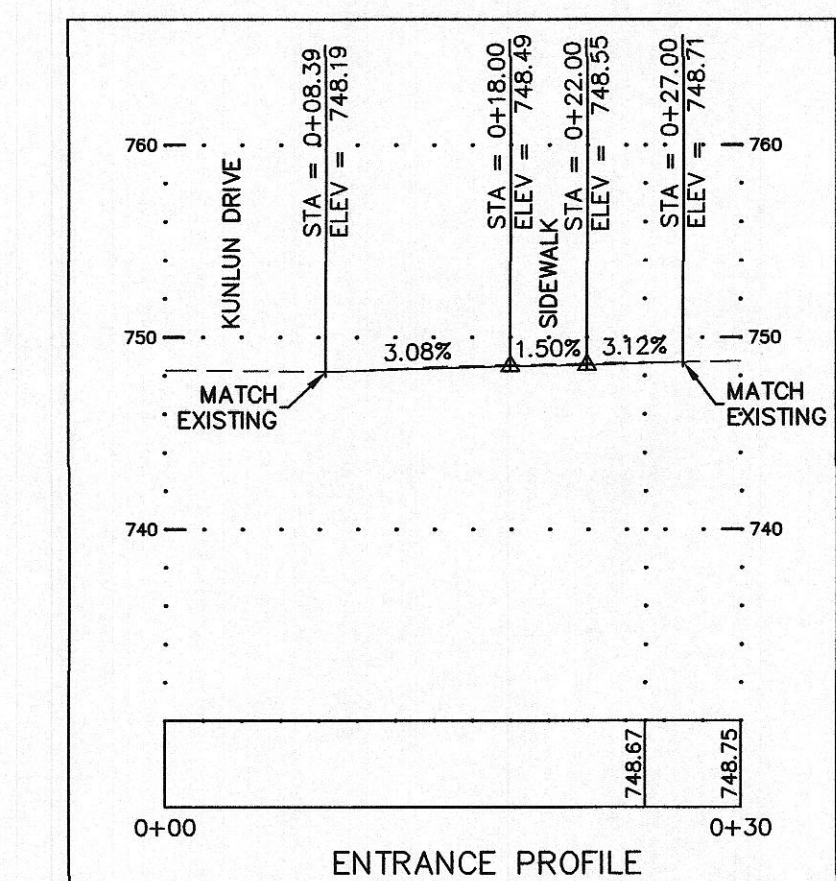
SIDEWALK PROFILE



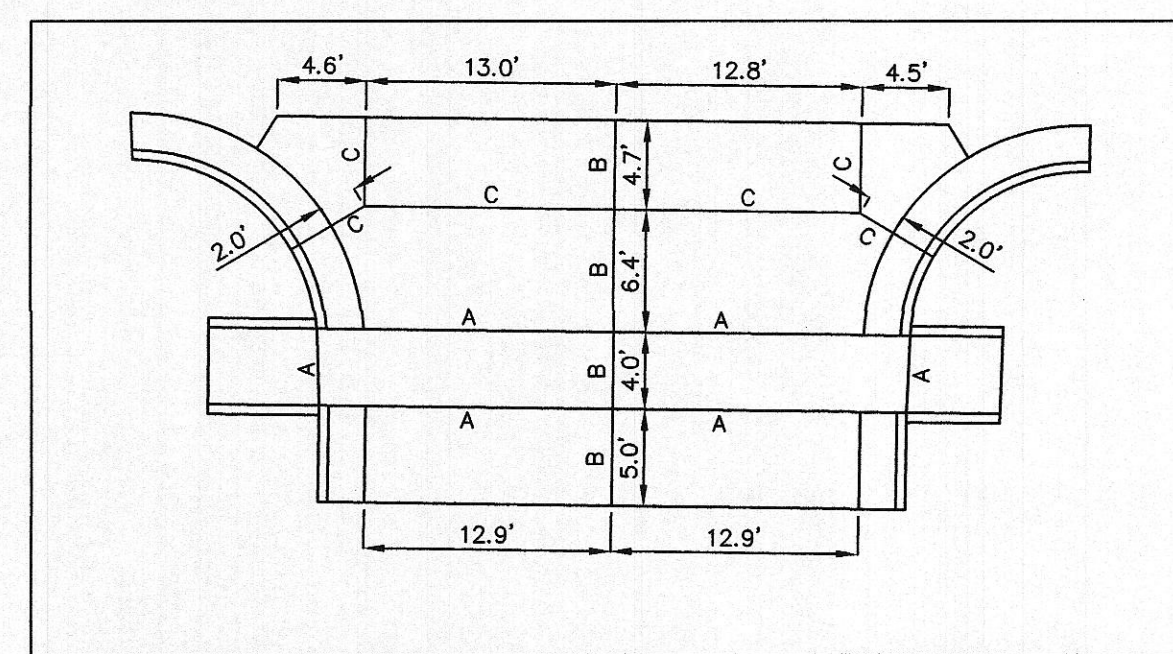
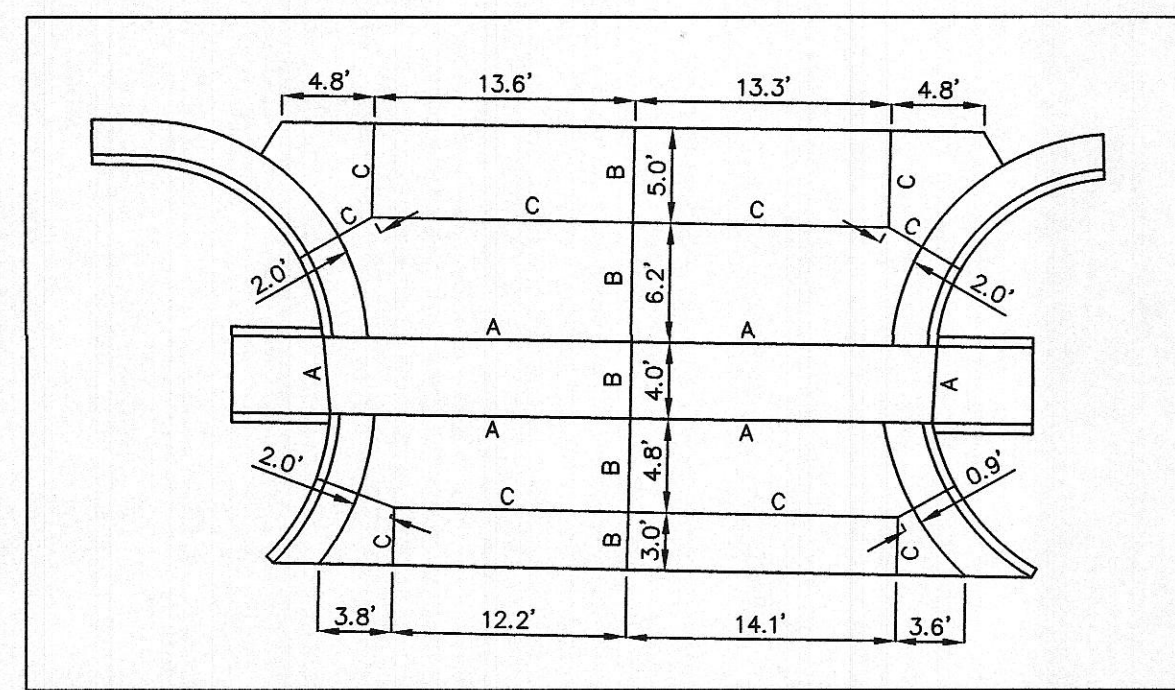
ENTRANCE PROFILE



ENTRANCE PROFILE



ENTRANCE PROFILE



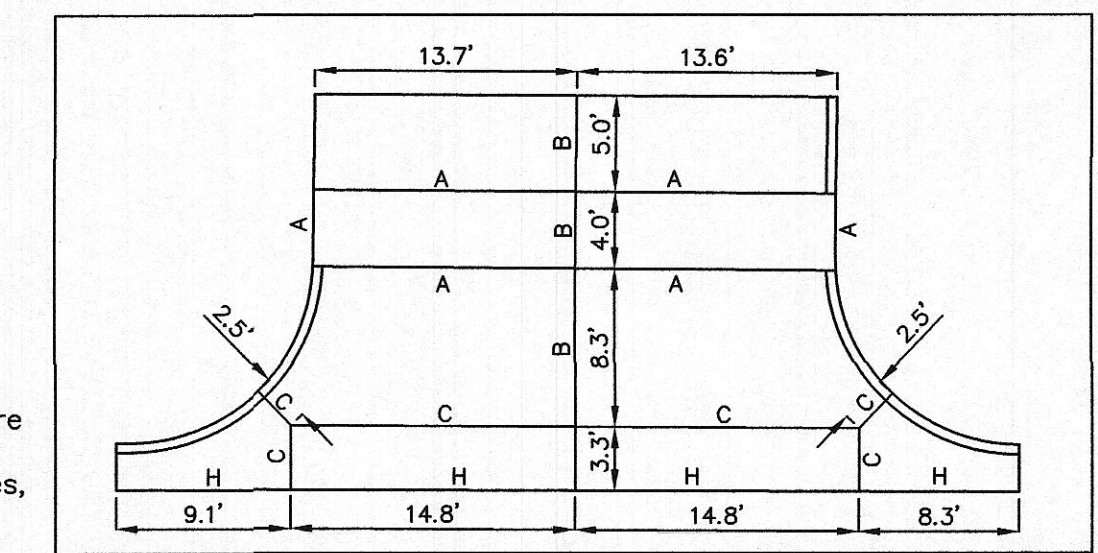
NOTES:

1. CONTRACTOR SHALL SAWCUT AND REMOVE THE PAVEMENT TO THE LIMITS SHOWN.
2. ALL CONCRETE IN THESE ENTRANCES SHALL BE 8" THICK.
3. CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
4. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY CONTRACTOR.
5. CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY TO WORK IN KUNLUN DRIVE AND SOUTH FAIRVIEW ROAD.

NOTES TO THE CONTRACTOR:

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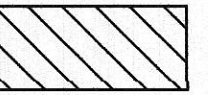
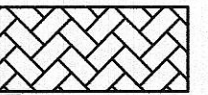
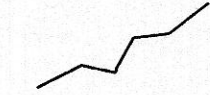
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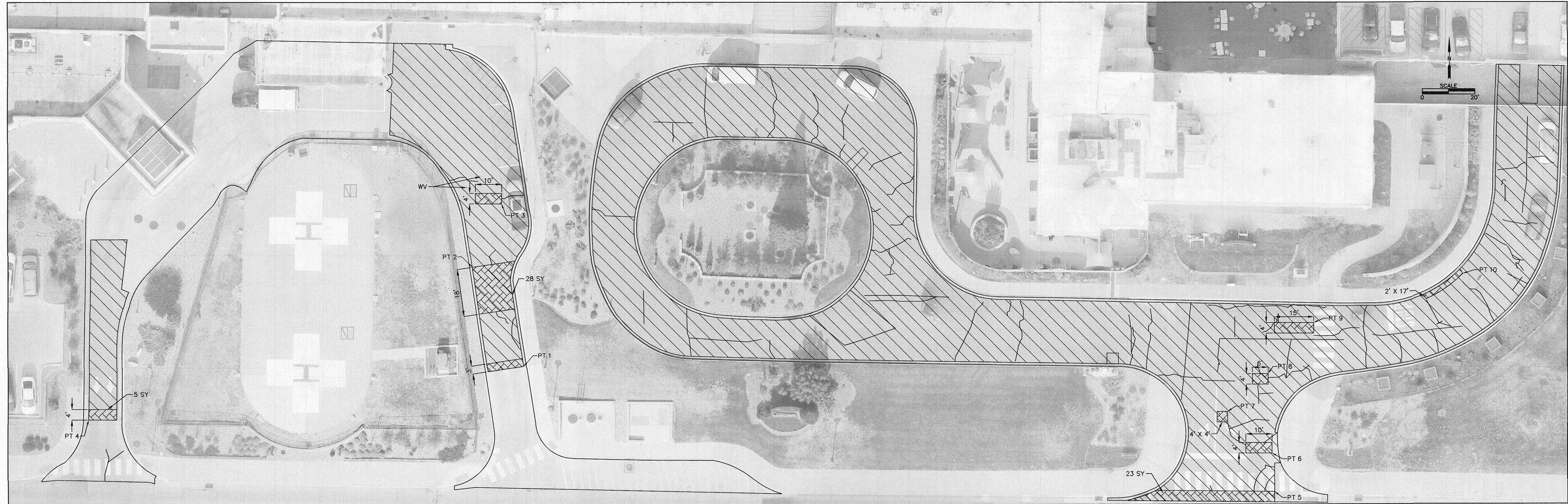
VARIOUS LOCATIONS					
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UNIVERSITY OF MISSOURI PROJECT NO. CP241342					
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

FAIRVIEW CLINIC ENTRANCES			
SITE PLAN, PROFILES, AND JOINT LAYOUT			
SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	FairviewEntrSP-M	CP241342 473-070	8



LEGEND:

- SLURRY SEAL: 
- 2" MILL AND WEDGE REPAIR: 
- SMALL CRACK: 



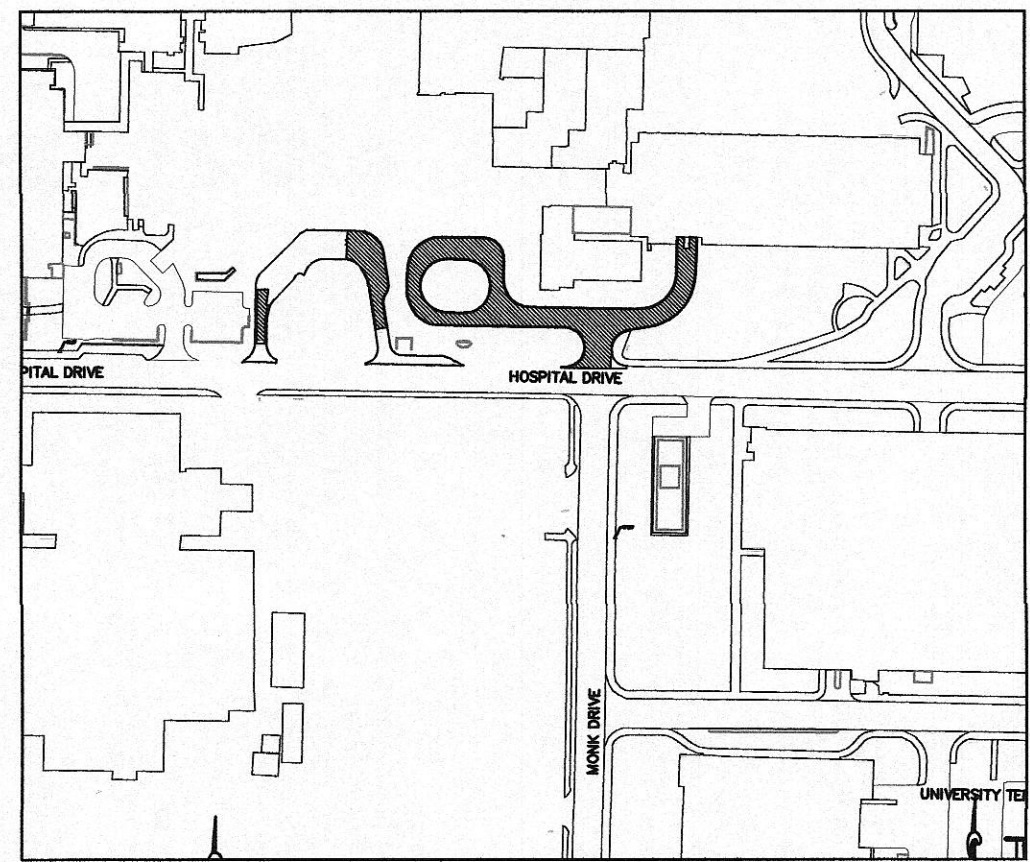
NOTES:

1. CONTRACTOR SHALL CONSTRUCT THE DRIVE IN PHASES. SEE SHEET 3 FOR SUGGESTED TRAFFIC CONTROL AND PHASING PLAN
2. THE CONTRACTOR SHALL CLEAN AND FILL ANY CRACK THAT MEASURES $\frac{1}{8}$ " WIDE OR MORE. ALL CRACKS SHOWN ARE REPRESENTATIVE OF THE CRACKS TO BE FILLED AND NO EXTRA PAYMENT SHALL BE GIVEN FOR ANY CRACK NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION, SIZE, AND AMOUNT OF CRACKS TO BE FILLED
3. CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
4. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.
5. PHASE 1 AND 2 EMERGENCY ENTRANCE: HELICOPTERS CAN TAKE OFF AND ARRIVE AT ANY TIME WITH LITTLE NOTICE. CONTRACTOR SHALL BE PREPARED TO MOVE AWAY FROM THE CONSTRUCTION AREA. ALL LOOSE MATERIALS THAT MAY BE BLOWN BY HELICOPTER PROP WASH SHALL BE REMOVED OR SECURED. CONTRACTOR SHALL KEEP UP WITH REMOVAL OF EXCAVATED MATERIALS. CONTRACTOR MAY USE METAL PLATES TO LAY OVER EXCAVATED AREAS TO PREVENT BLOWING OF MATERIALS. CONTRACTOR AND ANY SUB-CONTRACTOR SHALL BE REQUIRED TO ATTEND A HELICOPTER SAFETY TRAINING COURSE PUT ON BY THE UNIVERSITY. THIS COURSE WILL TAKE 30-60 MINUTES.

Point Table			
Point #	Northing	Easting	Raw Description
1	1130367.1581	1689433.4337	REPAIR
2	1130404.7357	1689413.7737	REPAIR
3	1130428.8059	1689425.0439	REPAIR
4	1130346.7794	1689267.7317	REPAIR
5	1130319.2630	1689719.1834	REPAIR
6	1130333.8959	1689718.2884	REPAIR
7	1130349.7506	1689701.2701	REPAIR
8	1130364.1138	1689716.7077	REPAIR
9	1130383.4696	1689734.1943	REPAIR
10	1130401.9759	1689790.8533	REPAIR

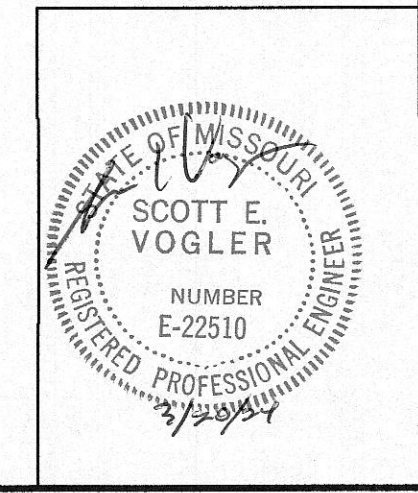
NOTES TO THE CONTRACTOR:

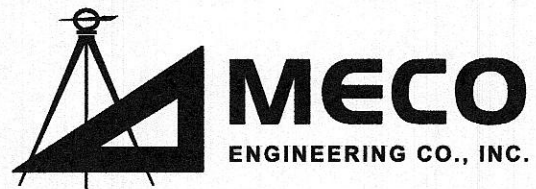
Underground facilities, structures, and utilities have been plotted from available surveys and records and therefore, their locations must be considered approximate only. There may be others, the existence of which is at present not known. Verification of the locations of underground utilities, shown or not shown, will be the responsibility of the construction contractor.
 The contractor shall make suitable and timely requests to all utility owners, pipeline owners, or other parties affected to have all necessary adjustments of public or private utilities, pipe lines, or other appurtenances within, or adjacent to the limits of construction, as soon as practical or possible.



LOCATION MAP

BID SET ISSUED: 03/25/2024



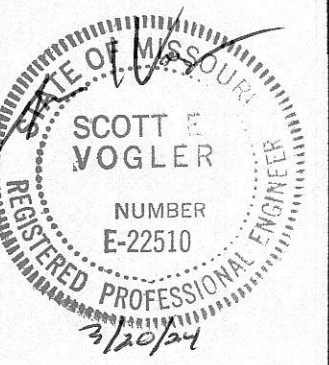
IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY	NO.	DATE	REVISION DESCRIPTION	BY	 MECO ENGINEERING CO., INC. mecoengineering.com MO Engineering Lic. #000898 - IL Design Firm #194-001749	OFFICE LOCATIONS HANNIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL	VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342					HOSPITAL CIRCLE DRIVES REPAIR PLAN			
								THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) & (PURSUANT TO 225 ILCS 325/PROFESSIONAL ENGINEERING PRACTICE ACT OF 1989) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART, OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.	SURVEYED SEV	DESIGNED SEV	DRAWN EW/TN	CHECKED	APPROVED	RELEASED	SCALE Hospital Circle Drives-M



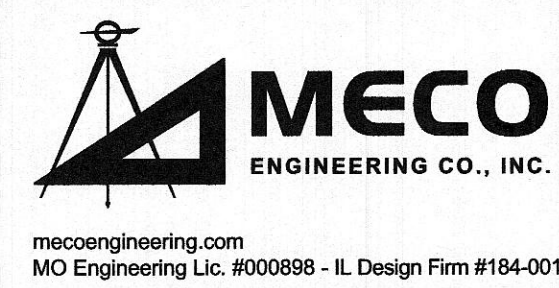
NOTES:

1. CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR STRIPING DETAILS ON THIS LOT.
2. CONTRACTOR SHALL PAINT WORDING. SEE SHEET NO. 18 FOR WORDING DETAIL.

BID SET ISSUED: 03/25/2024



NO.	DATE	REVISION DESCRIPTION	BY



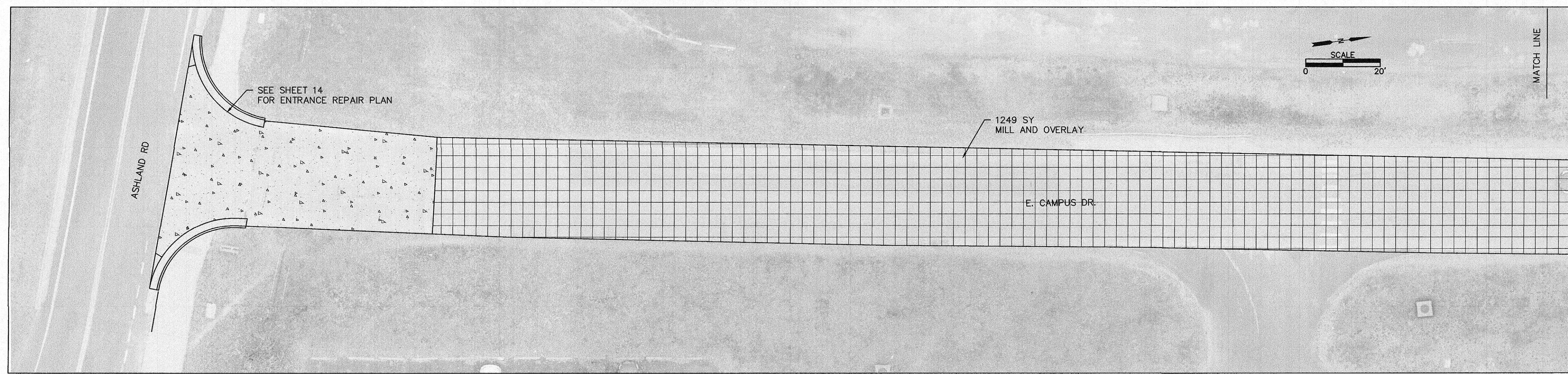
OFFICE LOCATIONS
HANNIBAL, MO
JEFFERSON CITY, MO
BRANSON, MO
BOONVILLE, MO
PITTSFIELD, IL

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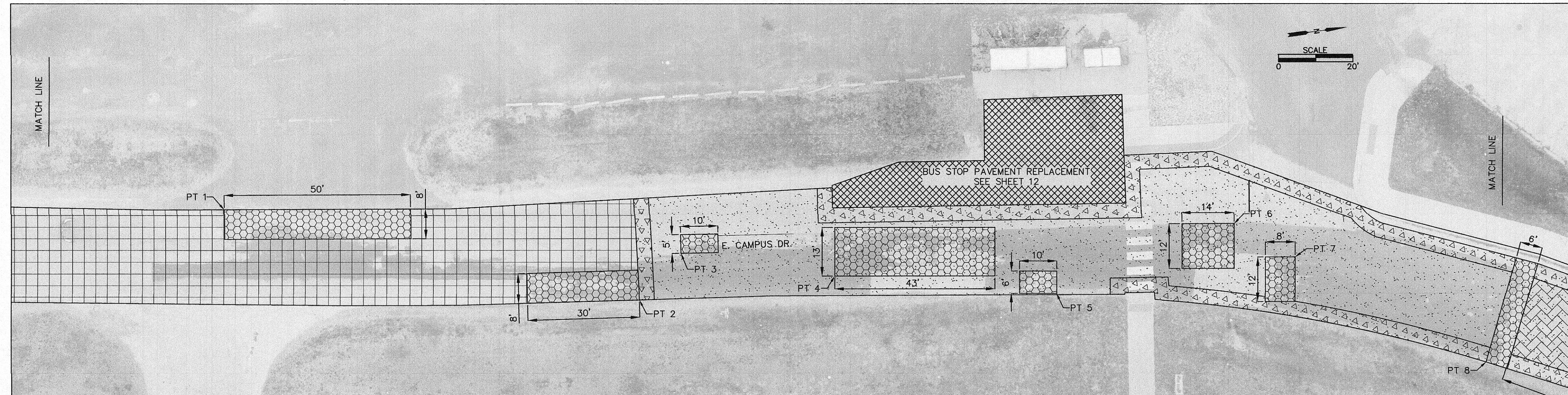
VARIOUS LOCATIONS					
FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE					
UNIVERSITY OF MISSOURI PROJECT NO. CP241342					
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

HOSPITAL CIRCLE DRIVES STRIPING PLAN			
SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	Hospital Circle Drives-M	CP241342 473-070	10

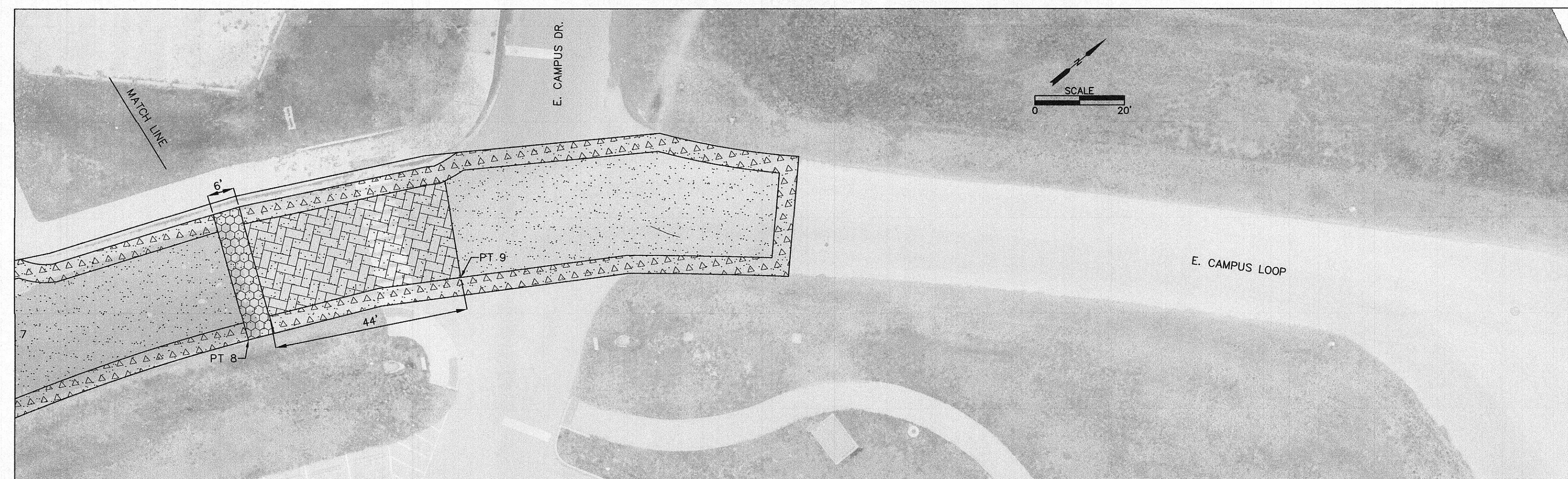
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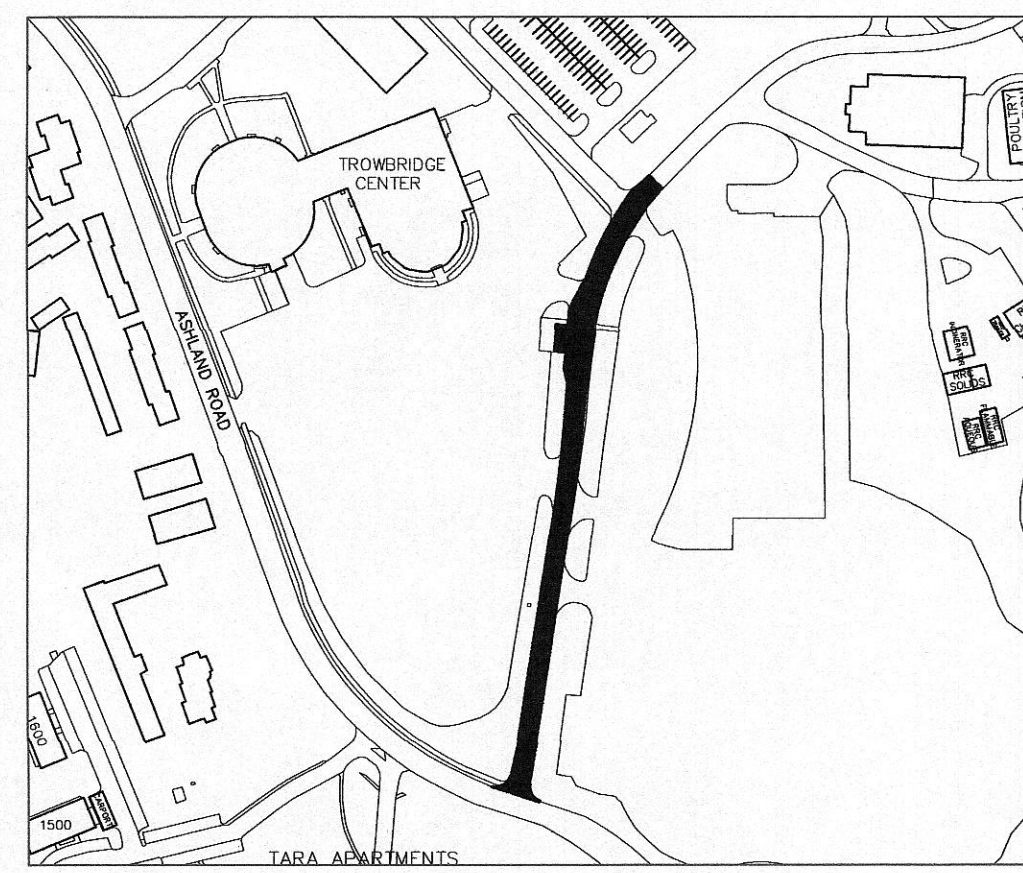
REPAIR PLAN



REPAIR PLAN



REPAIR PLAN



LOCATION MAP

LEGEND:

- 2" BP-1 OVERLAY: [Pattern]
- 2" MILL AND WEDGE REPAIR: [Pattern]
- 4' EDGE MILL: [Pattern]
- MILL/OVERLAY TO ALLOW DRAINAGE: [Pattern]
- SMALL CRACK: [Symbol]
- LARGE CRACK: [Symbol]
- SUBGRADE REPAIR: [Pattern]
- CONCRETE REPAIR: [Pattern]

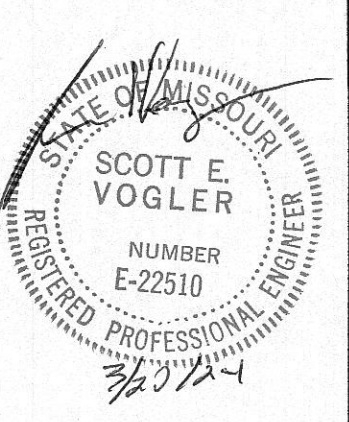
NOTES TO THE CONTRACTOR:

Underground facilities, structures, and utilities have been plotted from available surveys and records and therefore, their locations must be considered approximate only. There may be others, the existence of which is at present not known. Verification of the locations of underground utilities, shown or not shown, will be the responsibility of the construction contractor.
The contractor shall make suitable and timely requests to all utility owners, pipeline owners, or other parties affected to have all necessary adjustments of public or private utilities, pipe lines, or other appurtenances within, or adjacent to the limits of construction, as soon as practical or possible.

NOTES:

1. CONTRACTOR SHALL FINISH CONCRETE WORK AT THE BUS STOP BEFORE THE ASPHALT WORK ON EAST CAMPUS DRIVE
2. THE CONTRACTOR SHALL CLEAN AND FILL ANY CRACK THAT MEASURES 1/8" WIDE OR MORE. ALL CRACKS SHOWN ARE REPRESENTATIVE OF THE CRACKS TO BE FILLED AND NO EXTRA PAYMENT SHALL BE GIVEN FOR ANY CRACK NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION, SIZE, AND AMOUNT OF CRACKS TO BE FILLED
3. THE CONTRACTOR SHALL REPAIR THE FAILED AREAS AS SHOWN IN DETAILS ON SHEET NO. 18
4. CONTRACTOR SHALL SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT AS SHOWN.
5. CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
6. THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.

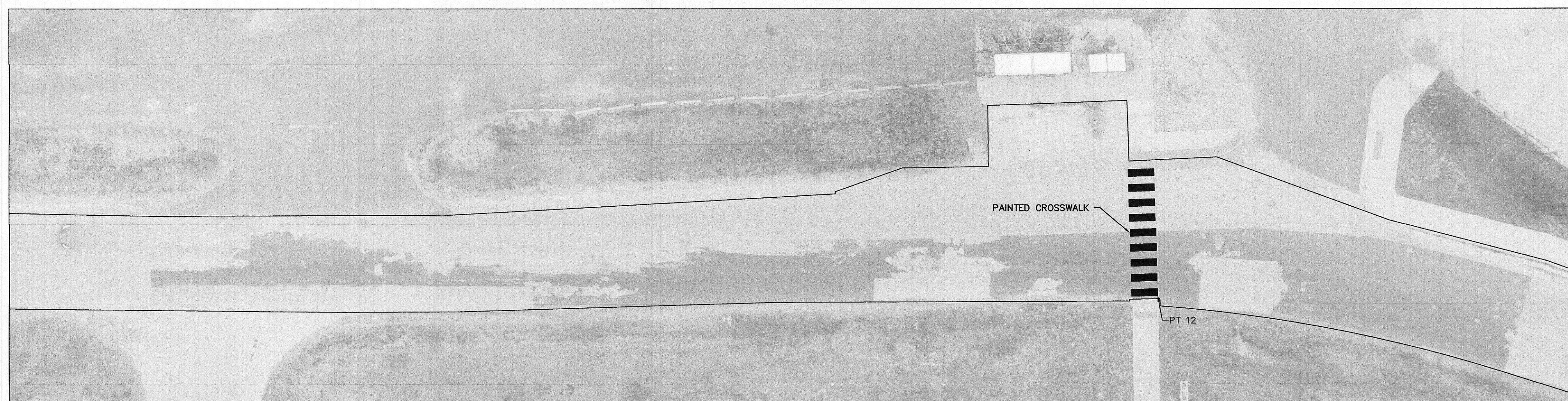
Point Table			
Point #	Northing	Eastng	Description
1	1129849.06	1692596.00	REPAIR
2	1129956.15	1692634.96	REPAIR
4	1129968.82	1692624.08	REPAIR
5	1130008.96	1692635.69	REPAIR
6	1130067.39	1692648.36	REPAIR
7	1130117.11	1692636.23	REPAIR
8	1130132.12	1692647.32	REPAIR
9	1130179.15	1692682.17	REPAIR
10	1130224.70	1692701.65	REPAIR



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<p>IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY</p>	NO.	DATE	REVISION DESCRIPTION	BY	<p>meceoengineering.com MO Engineering Lic. #000898 - IL Design Firm #184-001749</p>	<p>OFFICE LOCATIONS HANNIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL</p>	<p>THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) & (PURSUANT TO 225 ILCS 325/PROFESSIONAL ENGINEERING PRACTICE ACT OF 1989) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART, OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.</p>	<p>VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342</p>						<p>EAST CAMPUS DRIVE REPAIR PLAN</p>							
									<table border="1"> <tr> <td>SURVEYED</td> <td>DESIGNED</td> <td>DRAWN</td> <td>CHECKED</td> <td>APPROVED</td> <td>RELEASED</td> </tr> <tr> <td></td> <td>SEV</td> <td>EW/TN</td> <td></td> <td></td> <td></td> </tr> </table>	SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED		SEV	EW/TN			
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED																
	SEV	EW/TN																			
							E.CAMPUS DRIVE-M	CP241342 473-070	11												

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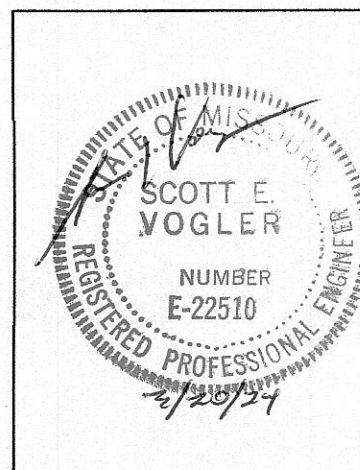


NOTES:

- CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR STRIPING DETAILS ON THIS LOT.

Point Table			
Point #	Northing	Easting	Description
11	1129744.43	1692604.79	STRIPING
12	1130093.05	1692650.76	STRIPING
13	1130213.91	1692698.74	STRIPING

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NO.	DATE	REVISION DESCRIPTION	BY



OFFICE LOCATIONS
 HANBIBAL, MO
 JEFFERSON CITY, MO
 BRANSON, MO
 BOONVILLE, MO
 PITTSFIELD, IL

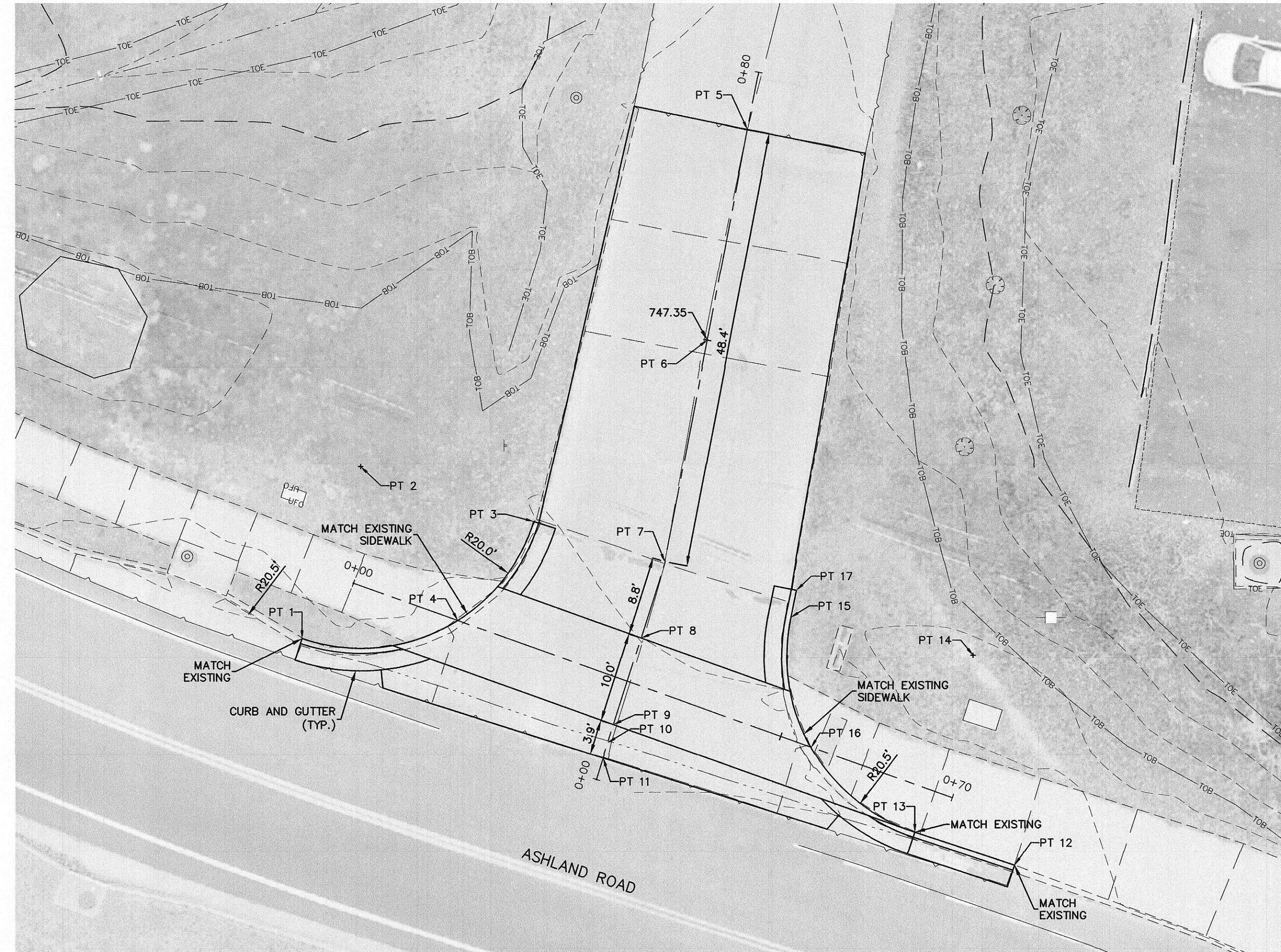
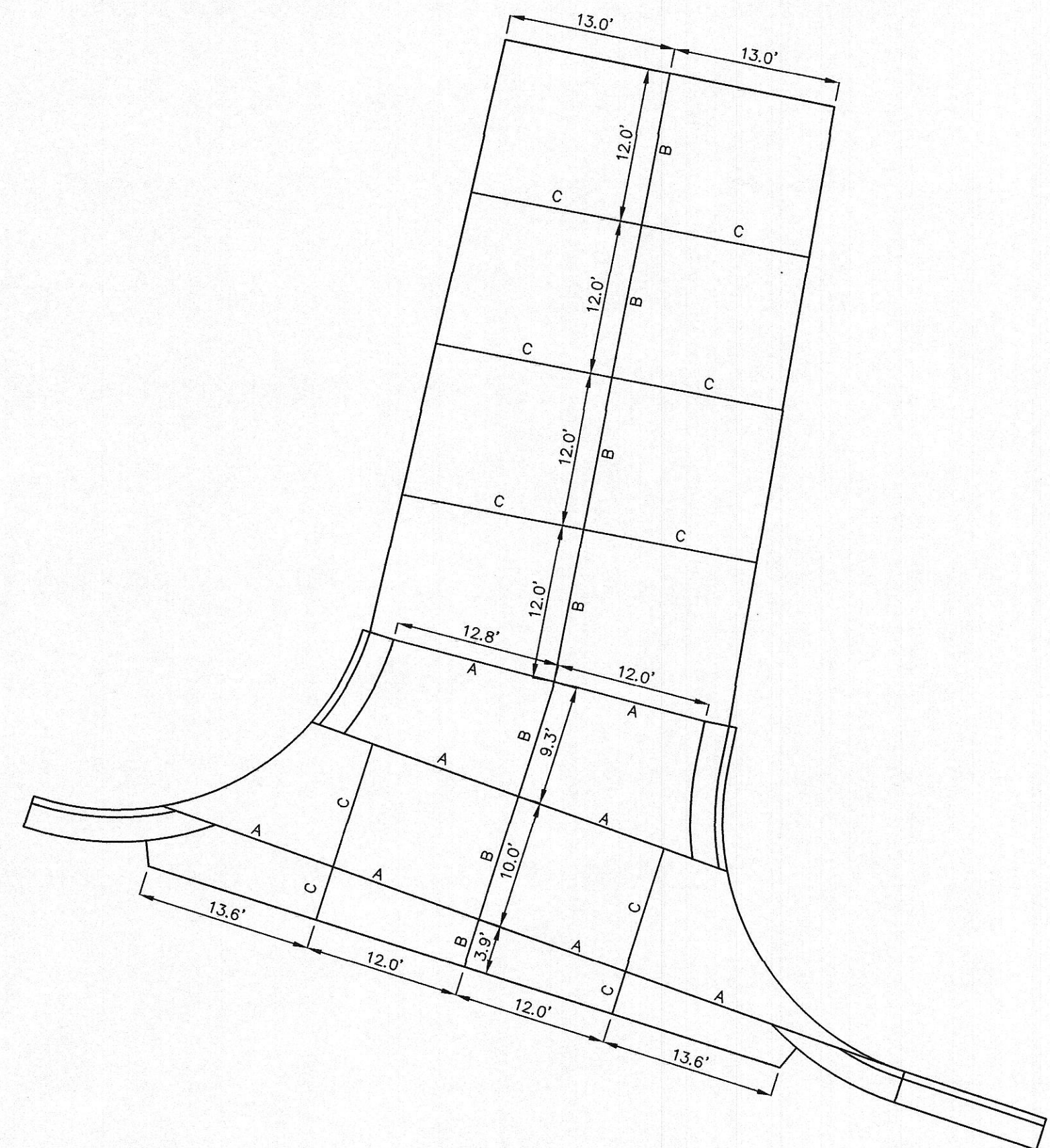
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VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342					
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

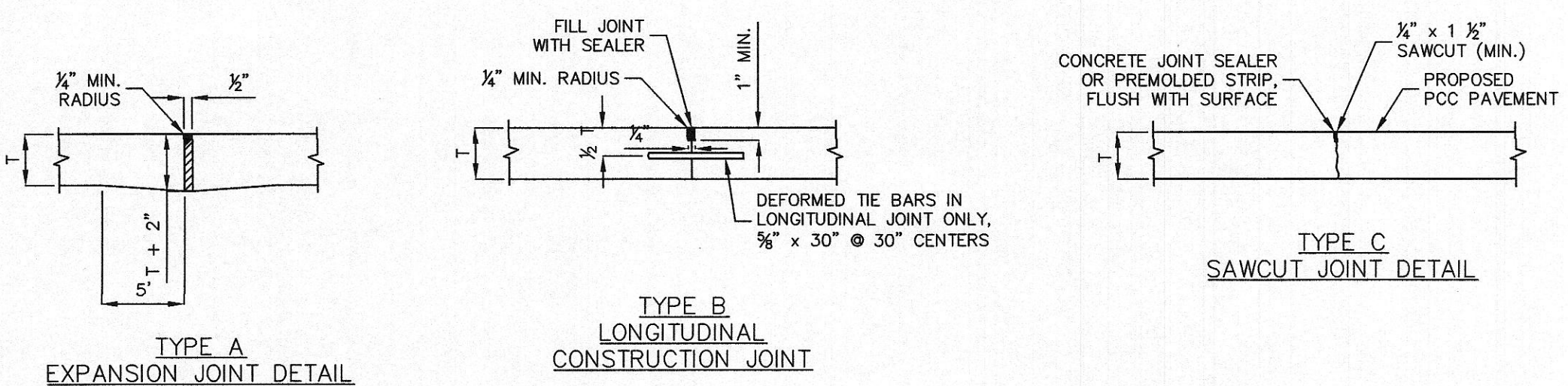
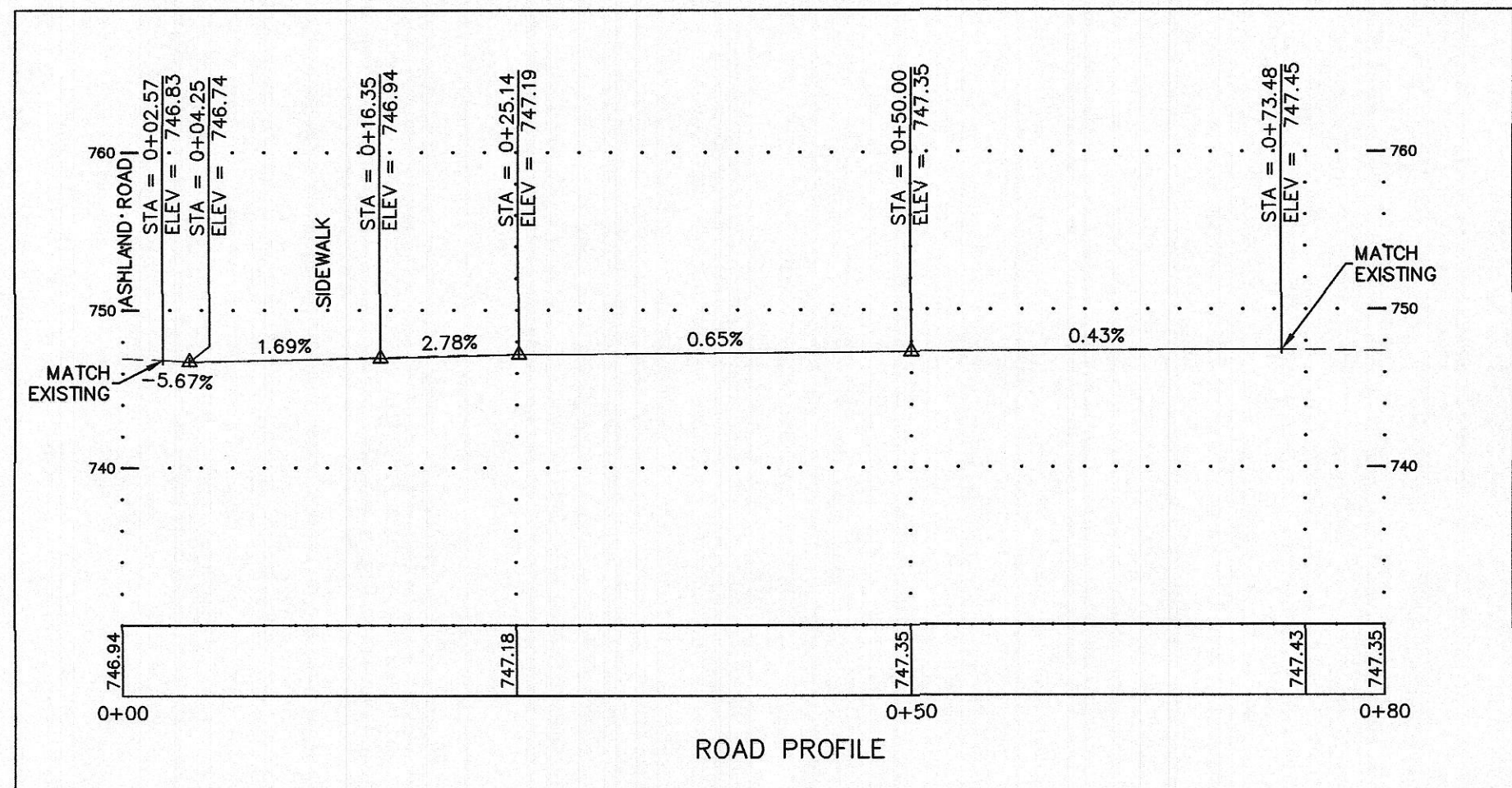
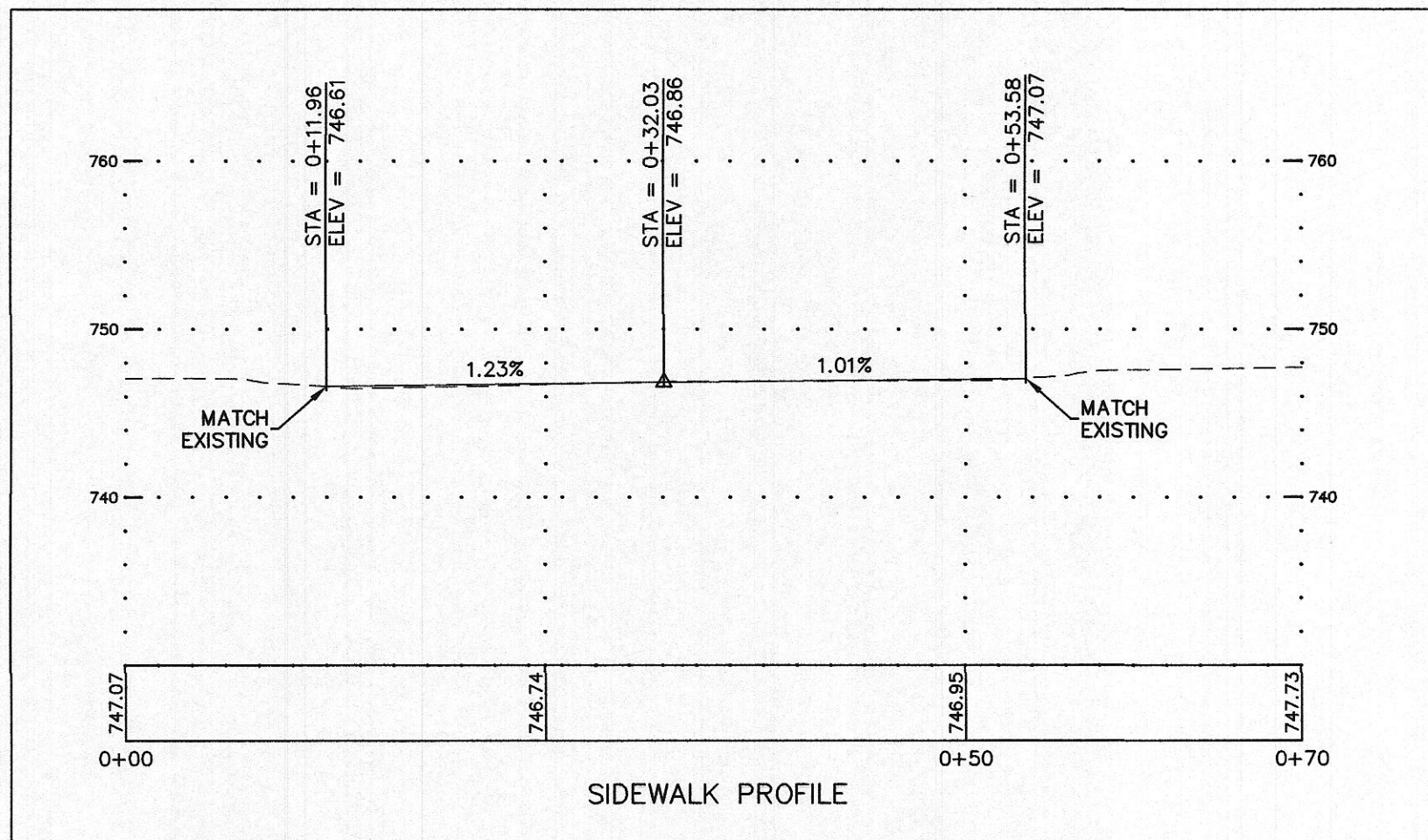
EAST CAMPUS DRIVE STRIPING PLAN			
SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	E.CAMPUS DRIVE-M	CP241342 473-070	12

IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY

L:\2024\Projects\FY24\03-25-24\Summer Paving - Design\DRAWINGS\ASPHALT CONCRETE CAMPUS DRIVE-M.dwg, STRIPE, 3/25/2024, 4:18:19 AM



Control Point Table				
Point #	Northing	Easting	Description	Elevation
1	1129448.72	1692506.92	BEGIN RADIUS	0.00
2	1129467.64	1692513.43	RADIUS POINT	0.00
3	1129461.60	1692532.49	END RADIUS	0.00
4	1129450.71	1692524.07	SIDEWALK	0.00
5	1129504.75	1692556.04	CONCRETE	0.00
6	1129481.59	1692551.59	CONCRETE	747.35
7	1129457.17	1692546.91	CONCRETE	747.19
8	1129448.79	1692544.26	SIDEWALK	746.94
9	1129439.26	1692541.24	SIDEWALK	746.77
10	1129437.26	1692540.61	CONCRETE	746.74
11	1129435.57	1692540.07	CONCRETE	0.00
12	1129423.78	1692585.38	BACK OF CURB	0.00
13	1129427.41	1692574.38	BEGIN RADIUS	0.00
14	1129446.88	1692580.81	RADIUS POINT	0.00
15	1129451.05	1692560.74	END RADIUS	0.00
16	1129436.75	1692563.04	SIDEWALK	0.00
17	1129454.03	1692561.35	BACK OF CURB	0.00

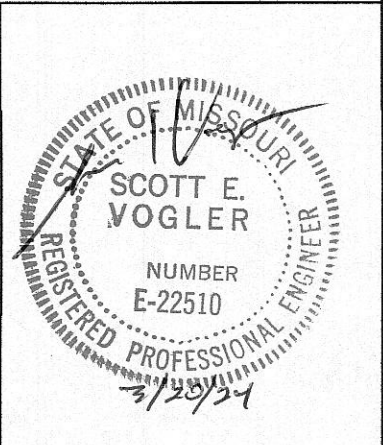


- NOTES:**
- CONTRACTOR SHALL SAWCUT AND REMOVE THE PAVEMENT TO THE LIMITS SHOWN.
 - ALL CONCRETE FOR THIS ENTRANCE SHALL BE 8" THICK.
 - CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR DETAILS OF CONSTRUCTION ON THIS LOT.
 - THE EDGE OF PARKING AREA SHALL BE CONSIDERED THE LIMITS OF CONSTRUCTION. THE CONTRACTOR SHALL NOT PUT EQUIPMENT OR SUPPLIES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED TO SURROUNDING GRASS TURF SHALL BE REPAIRED BY MU LANDSCAPING AND PAID BY THE CONTRACTOR.
 - CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY TO WORK IN ASHLAND ROAD.

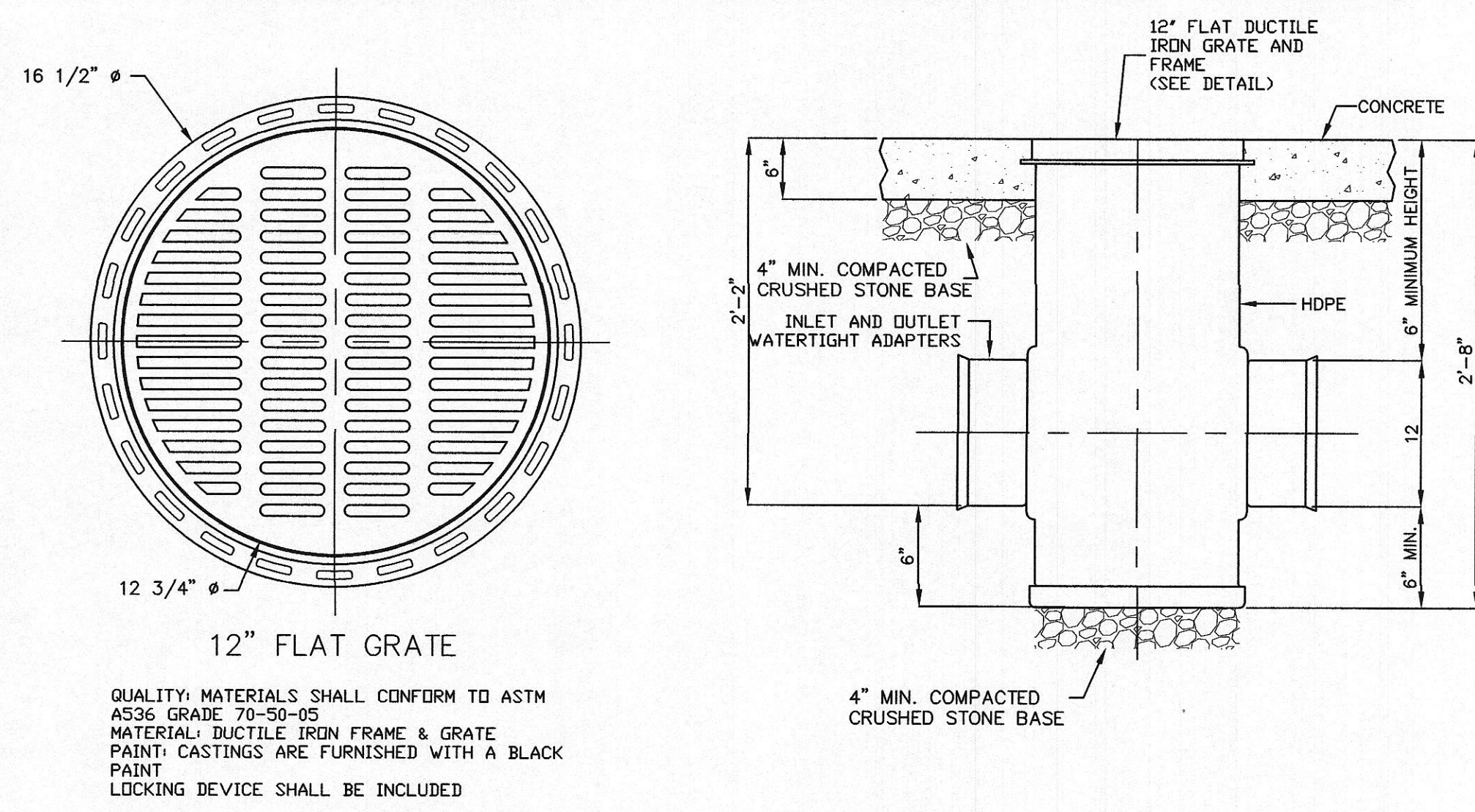
NOTES TO THE CONTRACTOR:

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BID SET ISSUED: 03/25/2024

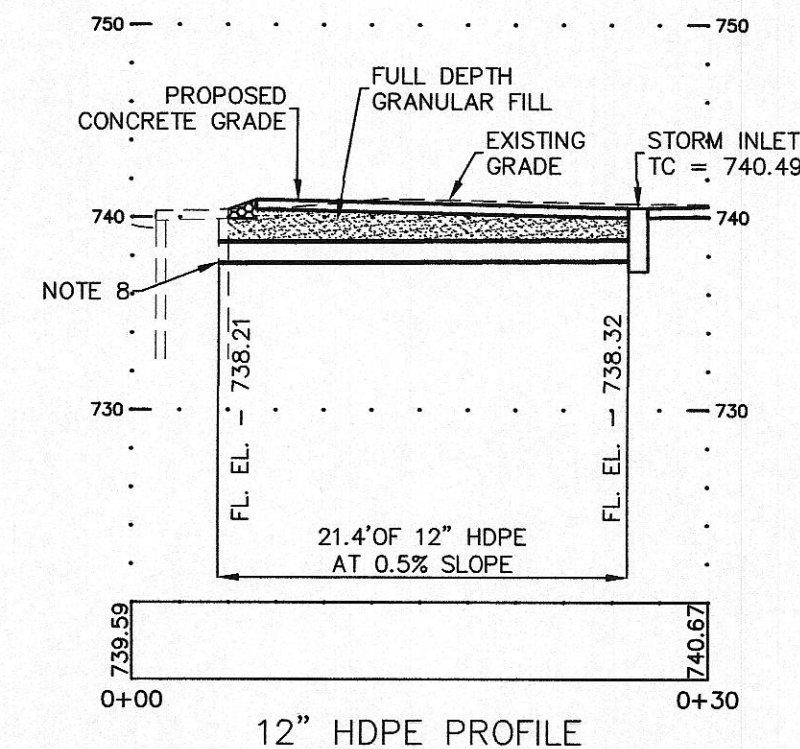


IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY.	NO.	DATE	REVISION DESCRIPTION	BY		OFFICE LOCATIONS HANIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL	THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) & (PURSUANT TO 225 ILCS 325/PROFESSIONAL ENGINEERING PRACTICE ACT OF 1989) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART, OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.	VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342					EAST CAMPUS DRIVE ENTRANCE PLAN, PROFILE, AND JOINT LAYOUT		
									SURVEYED DESIGNED SEV	DRAWN EW/TN	CHECKED	APPROVED	RELEASED	SCALE	DRAWING NAME E. CampusEntr-M

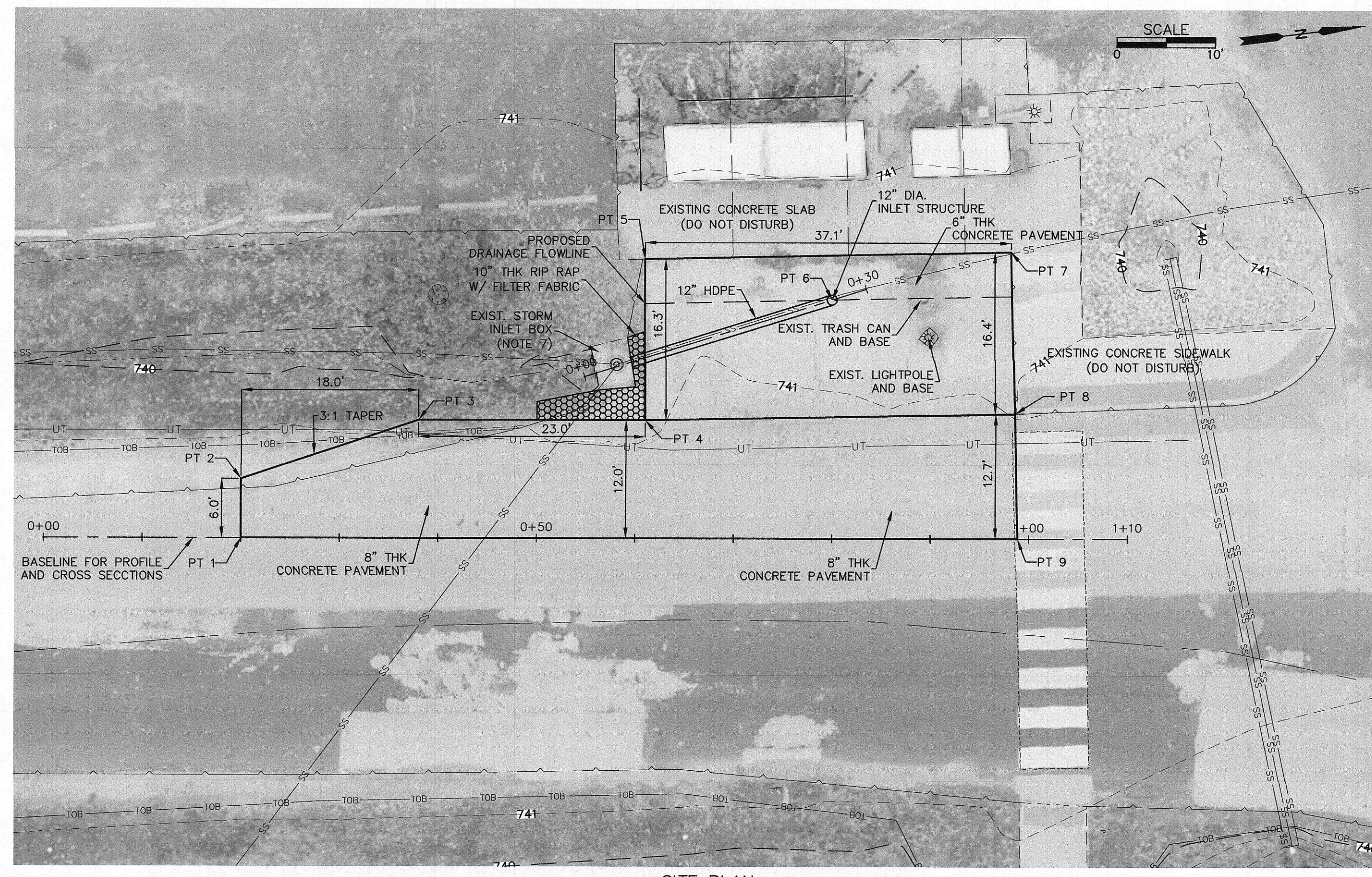


QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
 MATERIAL: DUCTILE IRON FRAME & GRATE
 PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
 LOCKING DEVICE SHALL BE INCLUDED

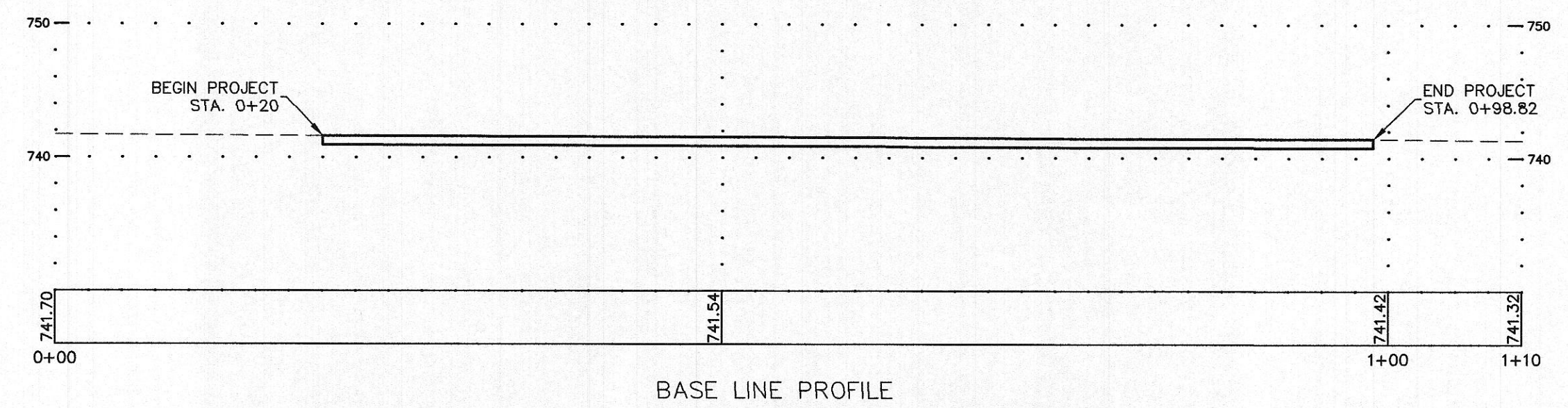
TYPICAL 12" STORM WATER INLET BASIN
 "NYLOPLAST" BY ADVANCED DRAINAGE SYSTEMS OR APPROVED EQUAL



12" HDPE PROFILE



SITE PLAN

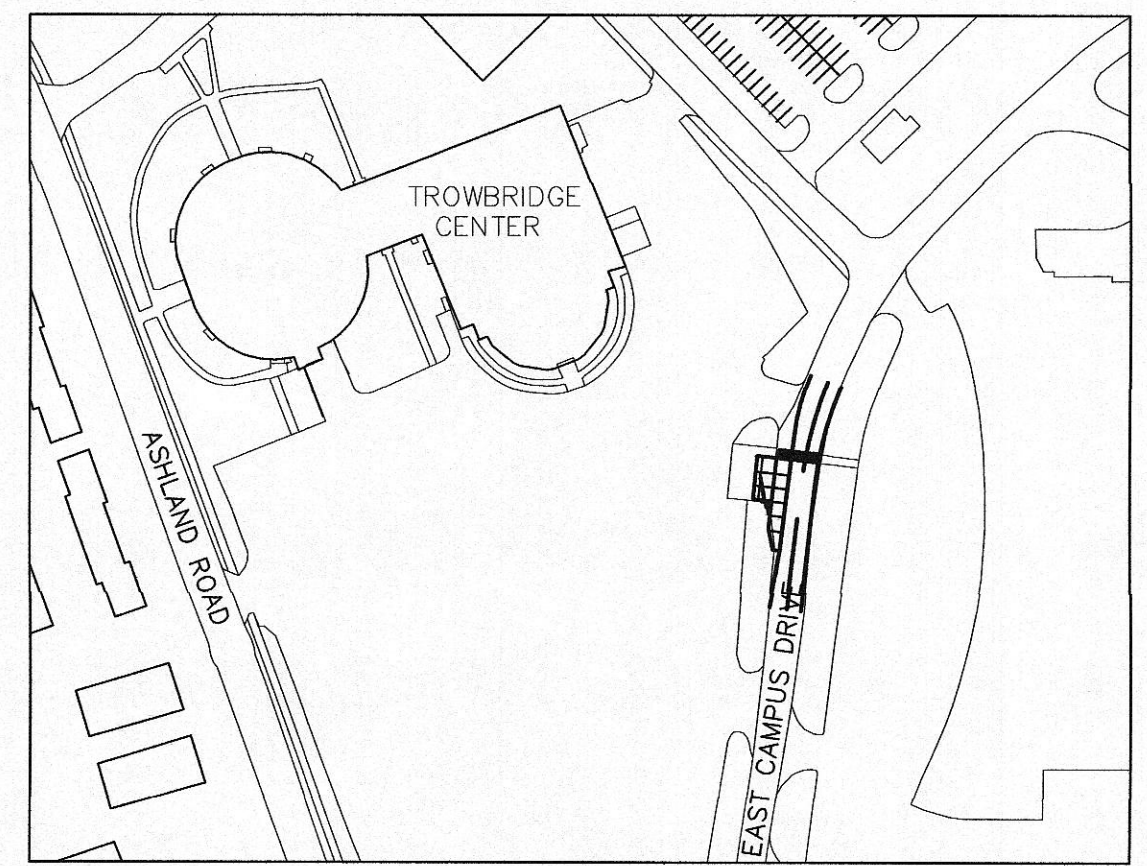


BASE LINE PROFILE

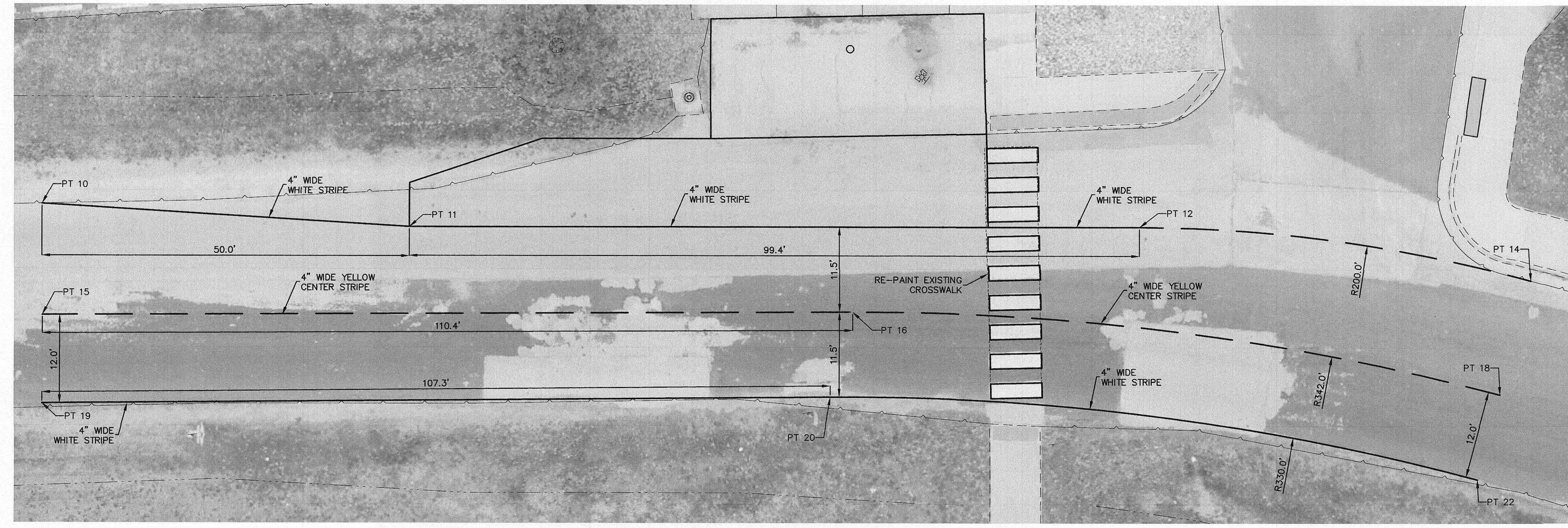
Point #	Northing	Easting	Description
1	1130009.71	1692617.89	START POINT
2	1130010.46	1692611.93	CONCRETE
3	1130029.06	1692608.22	CONCRETE
4	1130051.89	1692611.08	CONCRETE
5	1130053.91	1692594.91	CONCRETE
6	1130072.26	1692601.33	INLET STRUCTURE
7	1130090.85	1692598.74	CONCRETE
8	1130089.20	1692615.07	CONCRETE
9	1130087.92	1692627.70	CONCRETE
10	1129960.49	1692608.58	STRIPING
11	1130009.71	1692617.89	STRIPING
12	1130108.37	1692630.26	BEGIN RADIUS
13	1130083.48	1692828.71	RADIUS POINT
14	1130160.31	1692644.05	END RADIUS
15	1129958.61	1692623.57	STRIPING
16	1130068.16	1692636.83	BEGIN RADIUS
17	1130027.05	1692976.35	RADIUS POINT
18	1130154.27	1692658.90	END RADIUS
19	1129957.11	1692635.48	STRIPING
20	1130063.72	1692647.92	BEGIN RADIUS
21	1130025.46	1692975.69	RADIUS POINT
22	1130149.76	1692670.00	END RADIUS

NOTES:

- CONTRACTOR SHALL FINISH CONCRETE WORK AT THE BUS STOP BEFORE THE ASPHALT WORK ON EAST CAMPUS DRIVE.
- CONTRACTOR SHALL SAWCUT AND REMOVE EXISTING PAVEMENT TO THE LIMITS SHOWN.
- CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR DETAILS OF CONSTRUCTION ON THIS STREET.
- CONTRACTOR SHALL REMOVE THE TRASH CAN AND BASE, STORE IN A SAFE LOCATION, AND REPLACE WHEN PROJECT IS COMPLETE.
- CONTRACTOR SHALL PLACE 1/2" THK EXPANSION MATERIAL AROUND THE EXISTING LIGHTPOLE BASE AND ALONG THE EXISTING SLAB AND SIDEWALK.
- CONTRACTOR SHALL ROUGH GRADE ANY DISTURBED AREAS. UMC LANDSCAPE SERVICES WILL FINISH GRADE AND SOD THE AREAS.
- THE 6" THK CONCRETE AREA SHALL BE SLOPED TO DRAIN TO THE INLET STRUCTURE.
- CONTRACTOR SHALL CORE DRILL THE EXISTING STORM WATER BOX TO ACCEPT THE 12" HDPE. A NON-SHRINK GROUT SHALL BE USED TO SEAL AROUND THE PIPE.



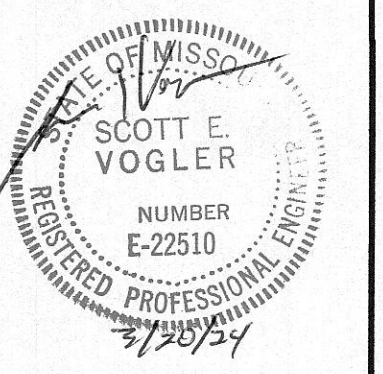
LOCATION MAP



STRIPING PLAN

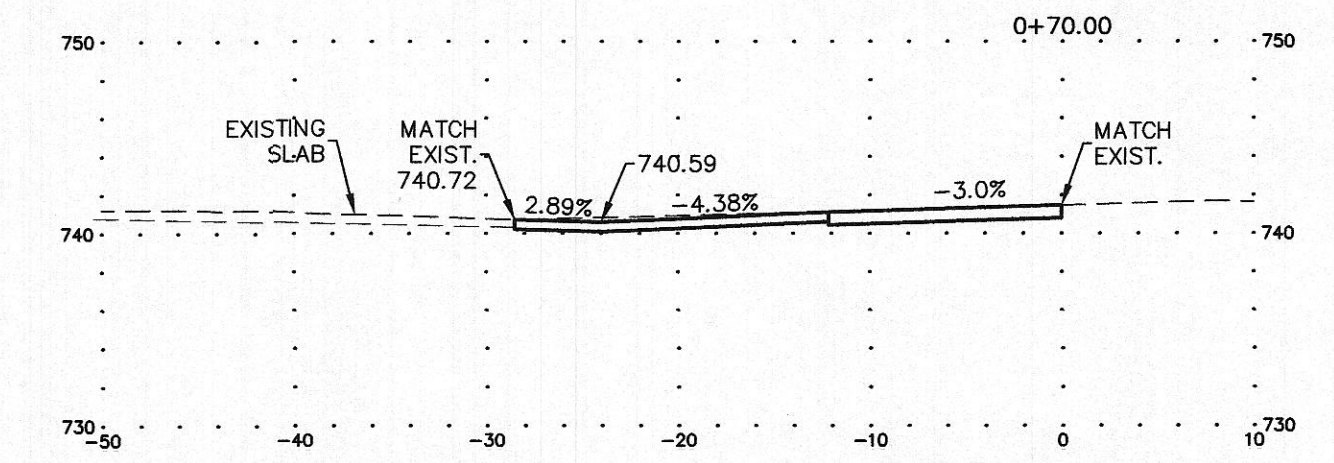
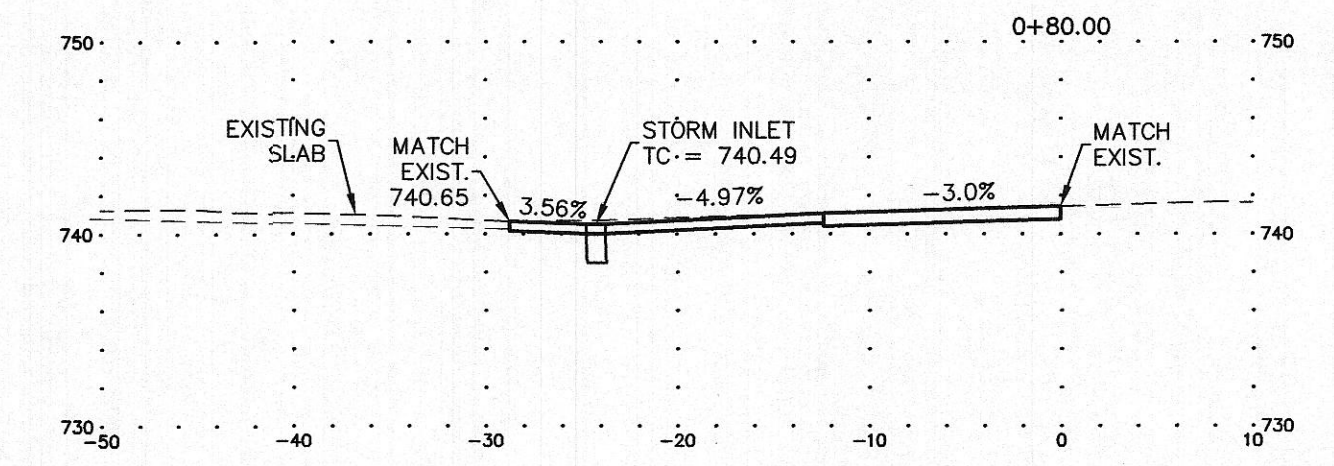
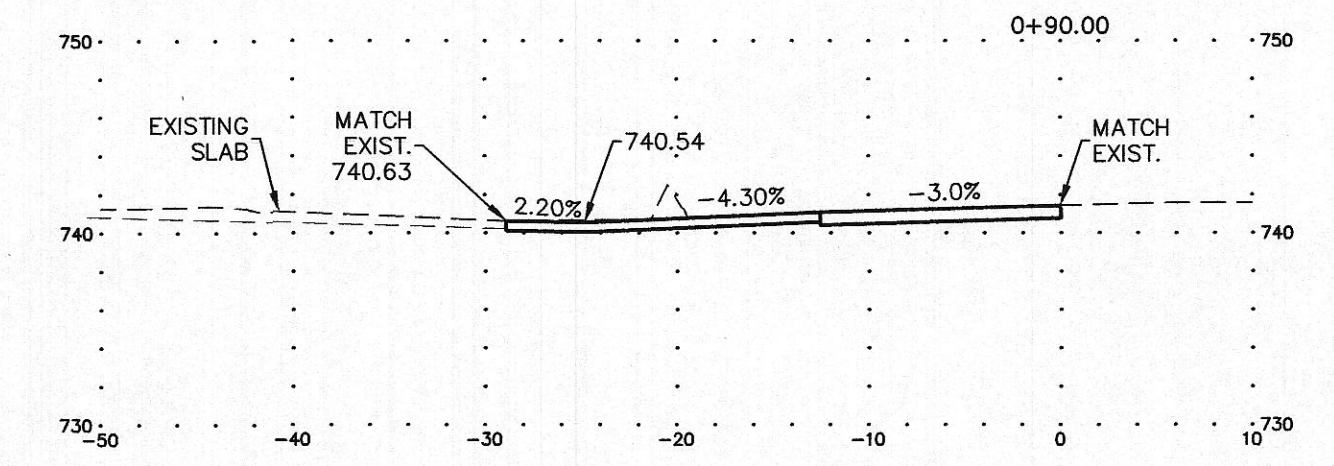
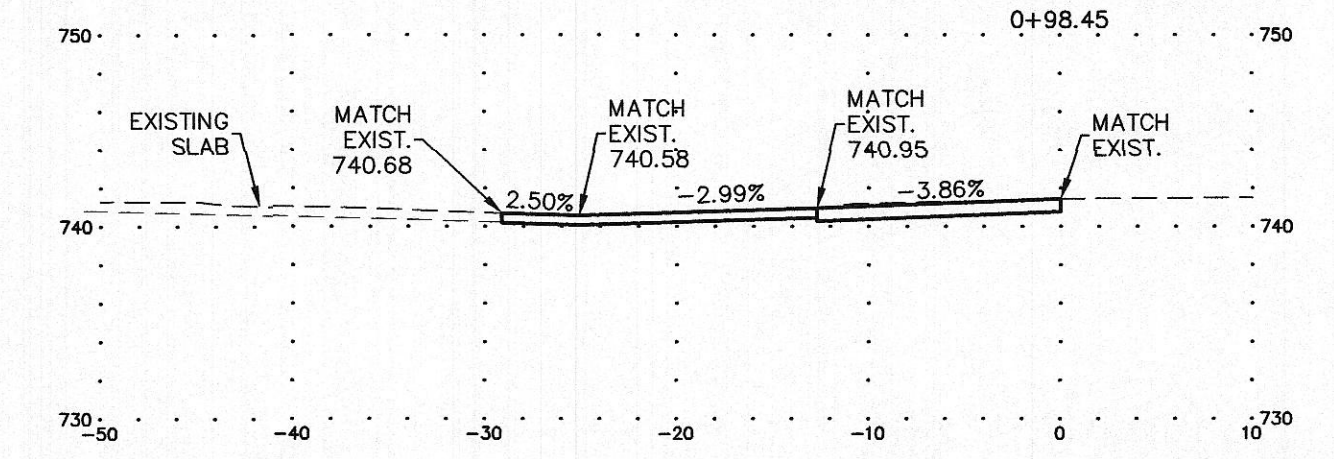
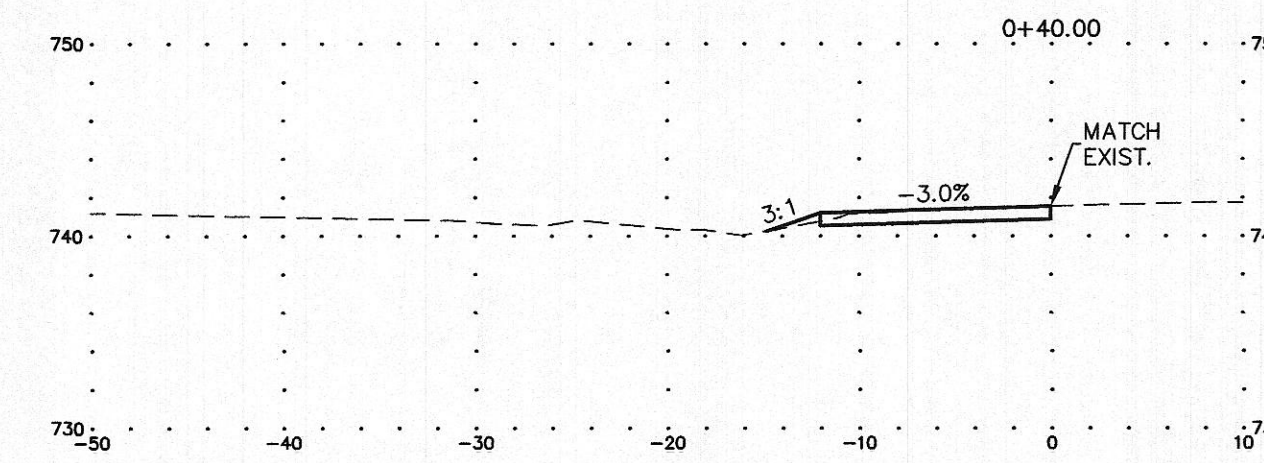
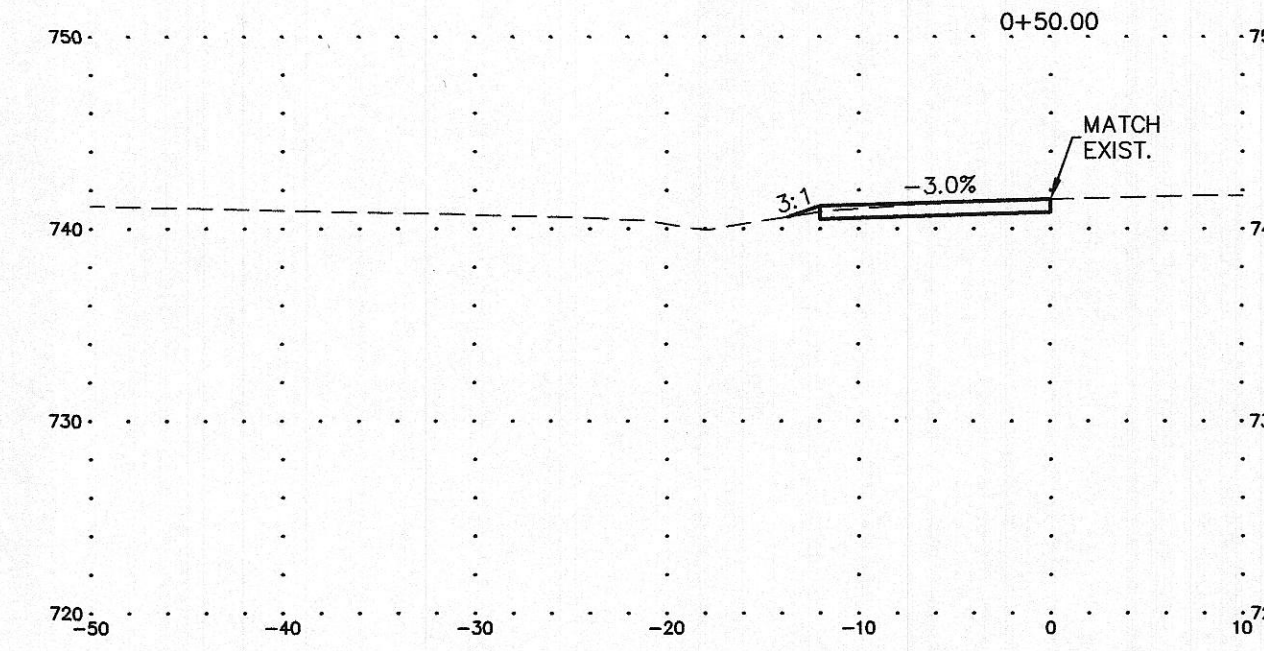
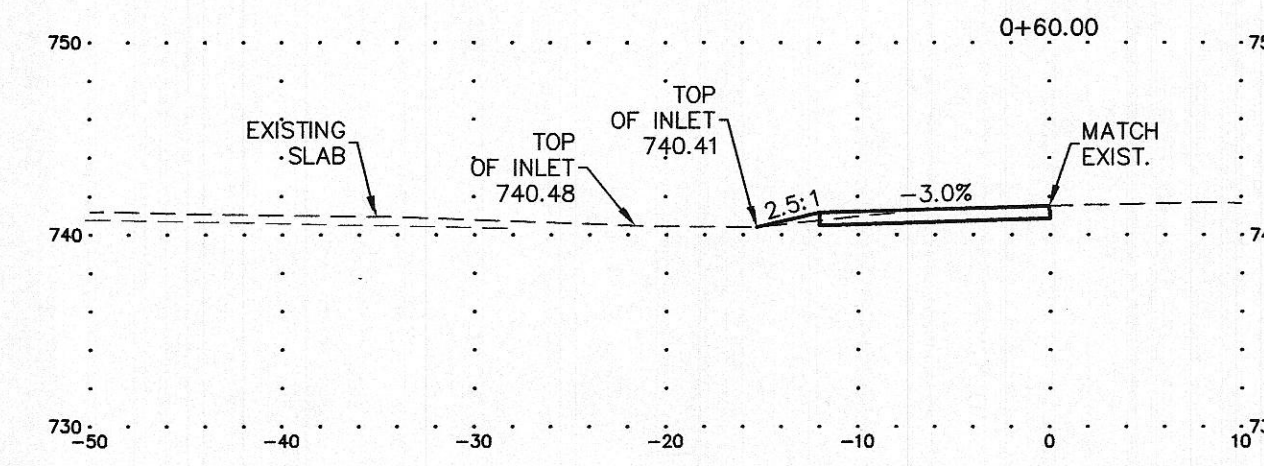
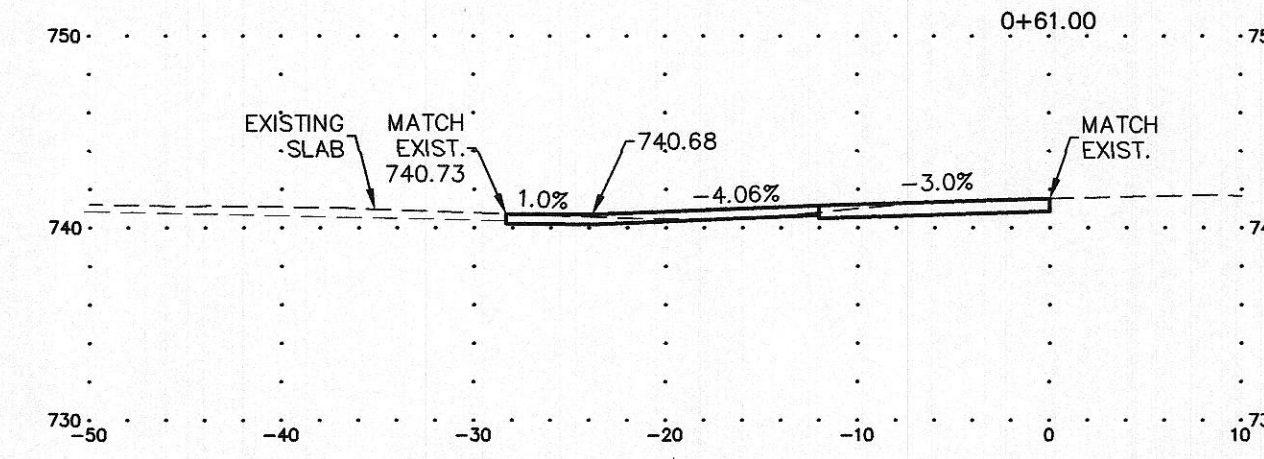
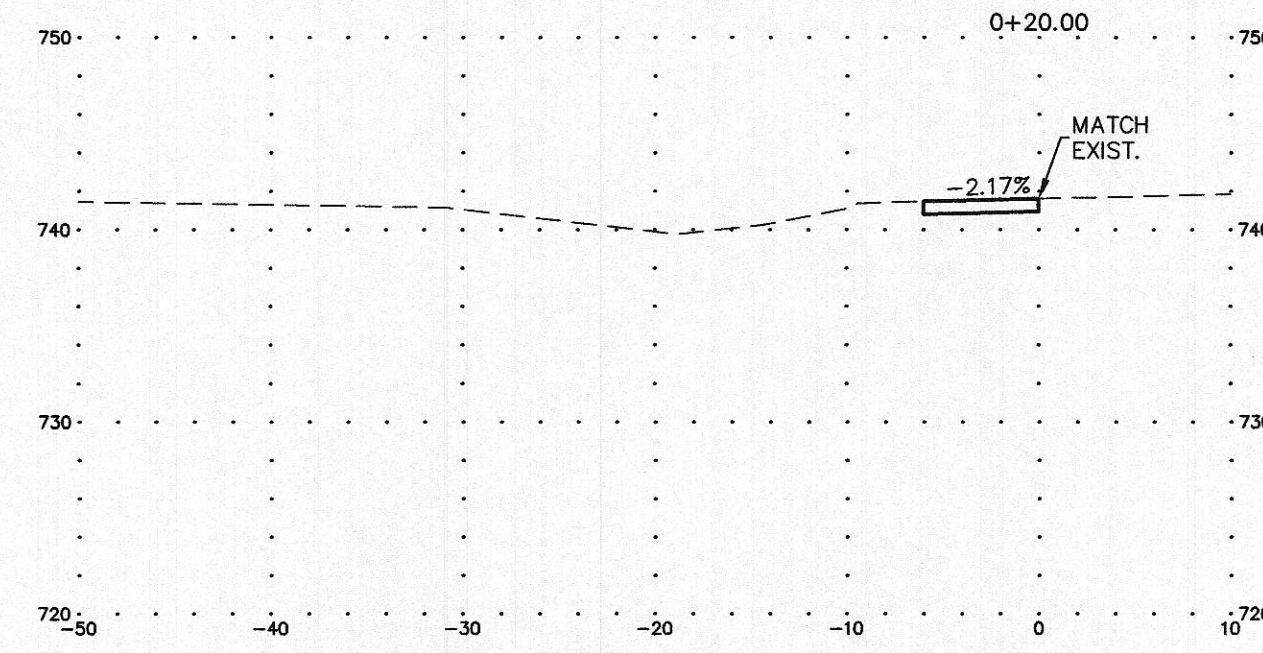
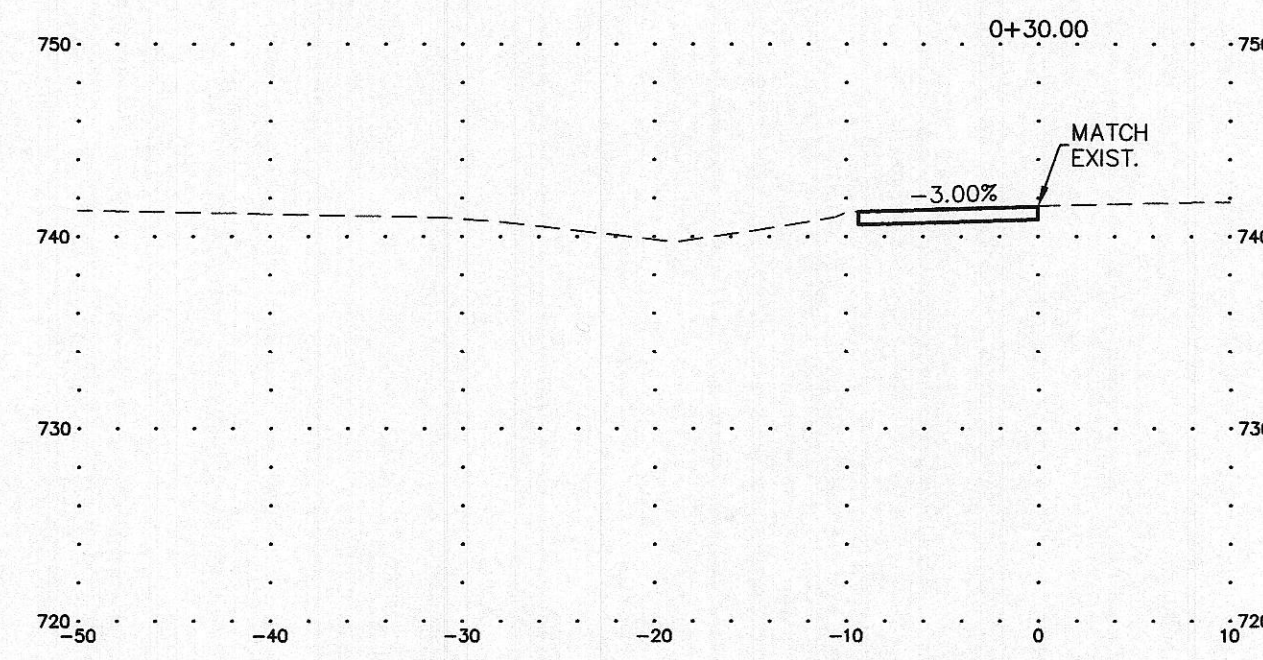
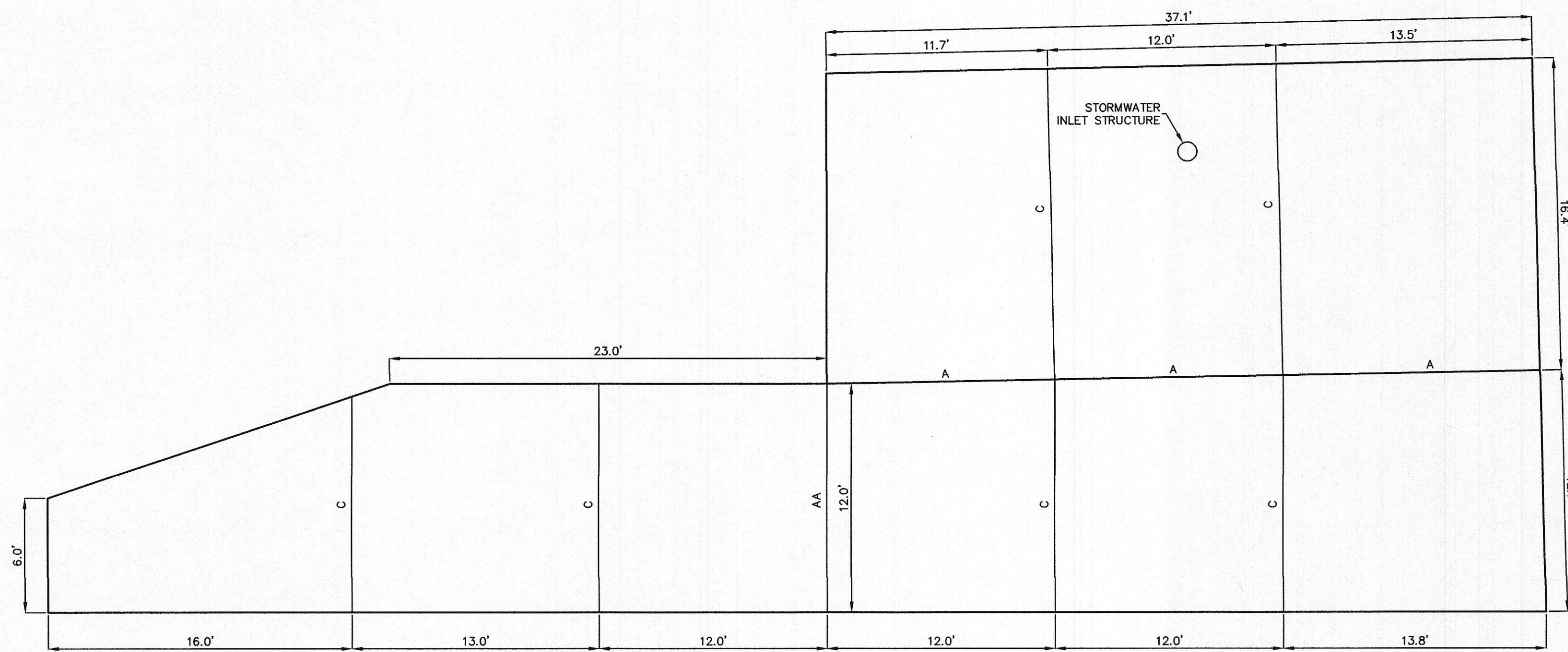
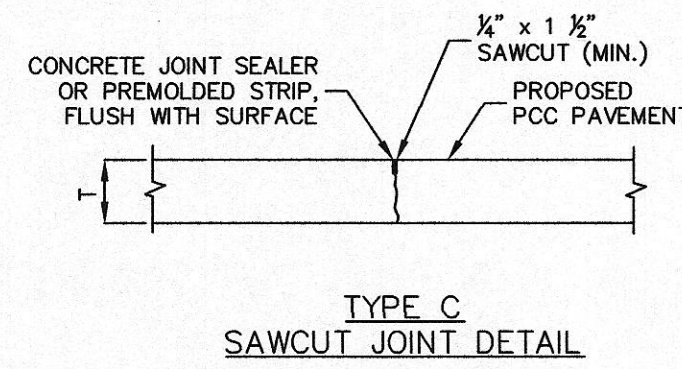
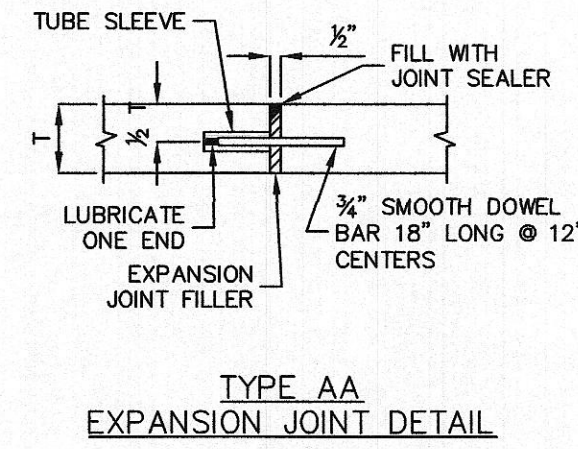
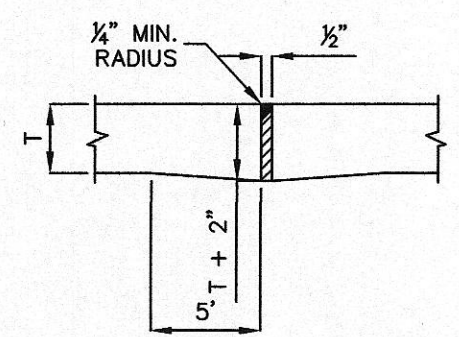
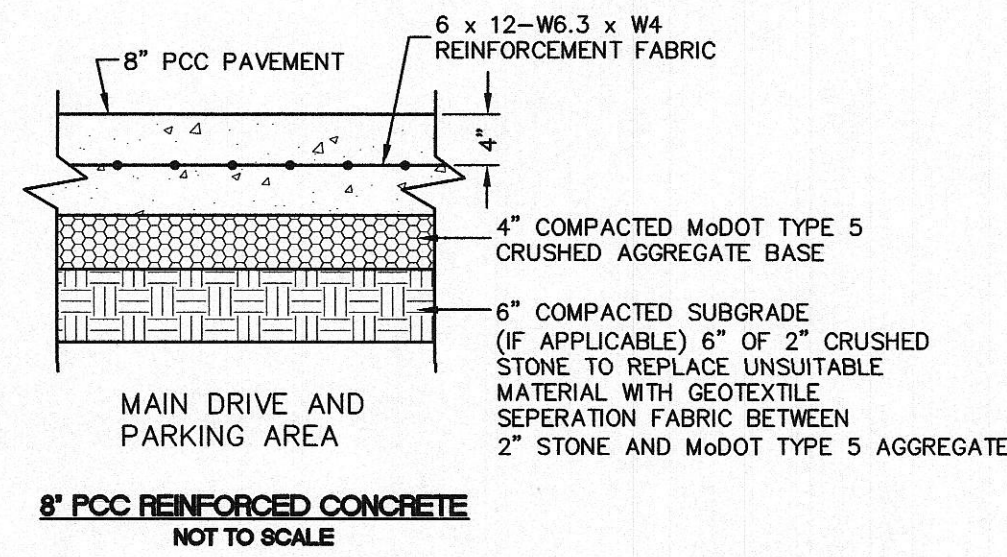
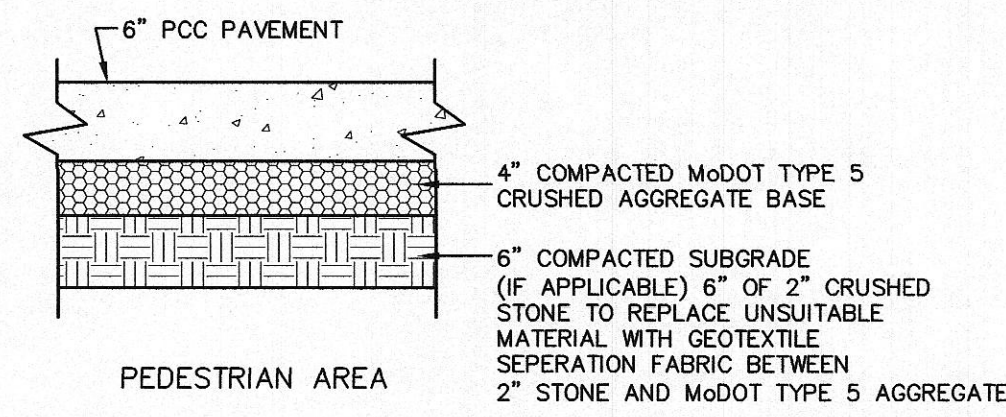
NOTES TO THE CONTRACTOR:

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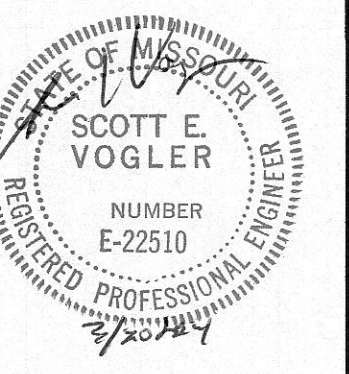


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IF THIS DRAWING IS PLOTTED LESS THAN 24x36 IN SIZE, IT IS A REDUCED PLOT - SCALE SHOULD BE ADJUSTED ACCORDINGLY	NO.	DATE	REVISION DESCRIPTION	BY	 mecoengineering.com MO Engineering Lic. #000898 - IL Design Firm #184-001749	OFFICE LOCATIONS HANNIBAL, MO JEFFERSON CITY, MO BRANSON, MO BOONVILLE, MO PITTSFIELD, IL	THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) & (PURSUANT TO 225 ILCS 325/PROFESSIONAL ENGINEERING PRACTICE ACT OF 1989) ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART, OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.	VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342					EAST CAMPUS DRIVE BUS STOP REPAIR PLAN AND PROFILE		
									SURVEYED DESIGNED SEV	DRAWN EW/TN	CHECKED	APPROVED	RELEASED	SCALE	DRAWING NAME EastCampusBusStop-M



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NO.	DATE	REVISION DESCRIPTION	BY

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ENGINEERING CO., INC.

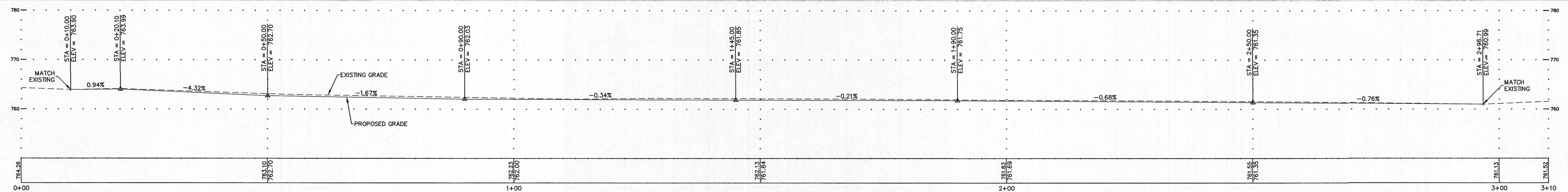
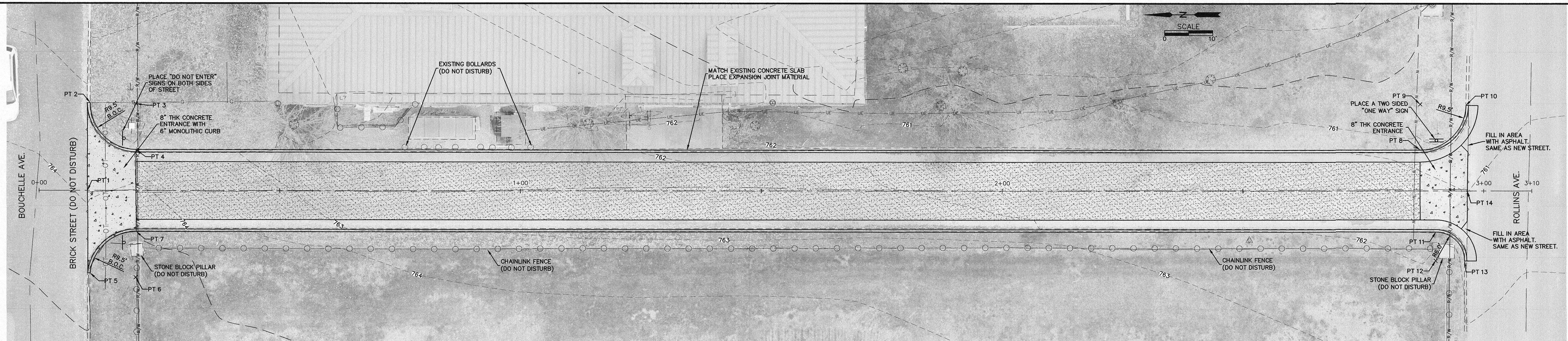
OFFICE LOCATIONS
HANNBAL, MO
JEFFERSON CITY, MO
BRANSON, MO
BOONEVILLE, IL
PITTSFIELD, IL

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VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342					
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

EAST CAMPUS DRIVE BUS STOP CROSS SECTIONS AND CONCRETE JOINT LAYOUT			
SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	EastCampusBusStop-M	CP241342 473-070	15

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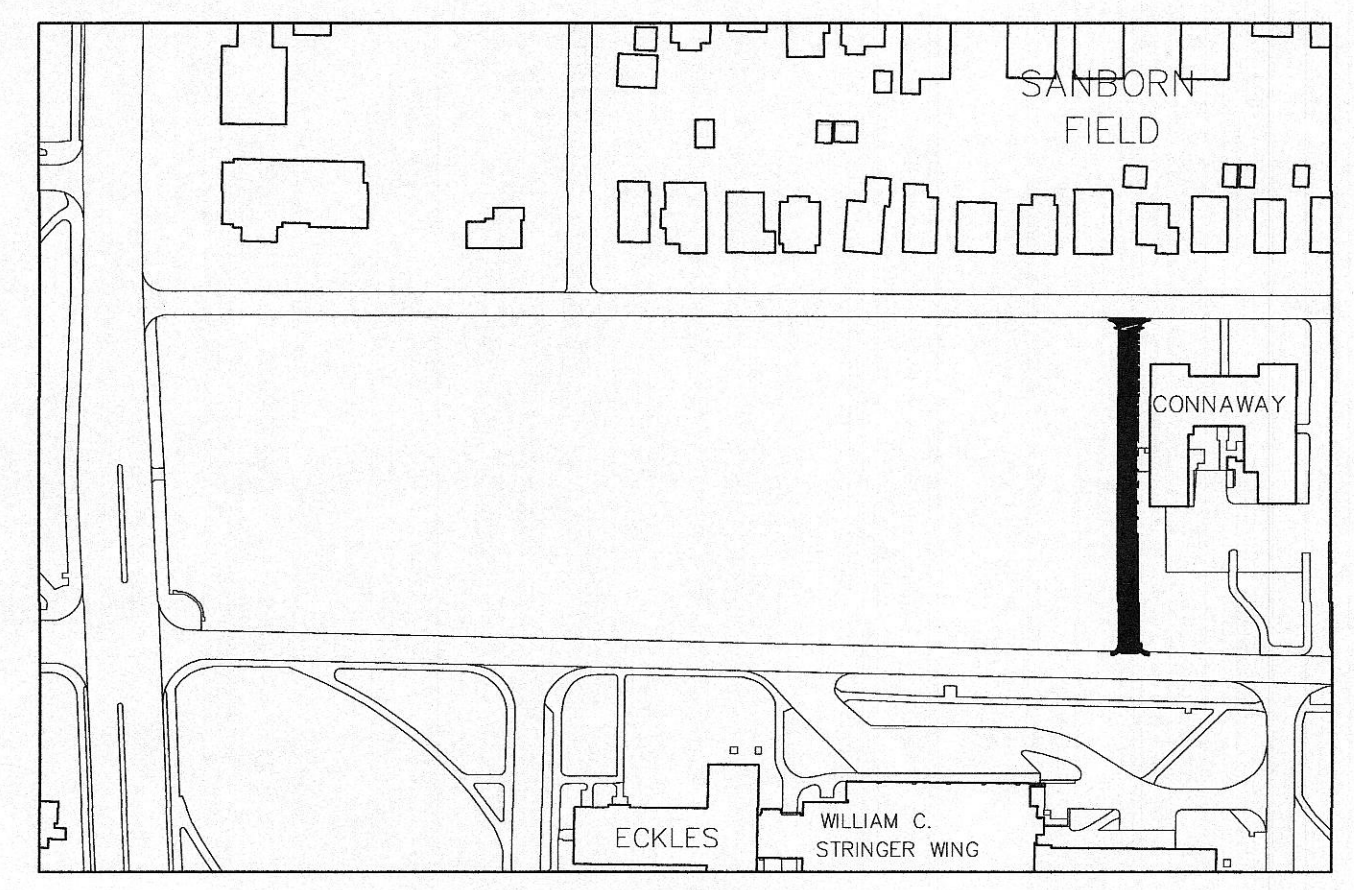
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2	1132247.44	1691920.25	BEGIN RADIUS
3	1132237.94	1691920.01	RADIUS POINT
4	1132237.96	1691910.51	END RADIUS
5	1132247.53	1691884.92	BEGIN RADIUS
6	1132238.08	1691884.01	RADIUS POINT
7	1132238.00	1691893.51	END RADIUS
8	1131971.30	1691909.97	BEGIN RADIUS
9	1131971.28	1691919.47	RADIUS POINT
10	1131961.78	1691919.25	END RADIUS
11	1131968.09	1691892.96	BEGIN RADIUS
12	1131968.10	1691886.96	RADIUS POINT
13	1131962.10	1691886.93	END RADIUS
14	1131961.49	1691901.45	END POINT

- NOTES:
- CONTRACTOR IS REQUIRED TO OBTAIN A CONSTRUCTION PERMIT FROM THE CITY OF COLUMBIA BEFORE WORKING ON THIS STREET.
 - CONTRACTOR SHALL SAWCUT AND REMOVE EXISTING STREET AND CURB TO THE LIMITS SHOWN.
 - CONTRACTOR SHALL REVIEW SHEET NO. 18 FOR DETAILS OF CONSTRUCTION ON THIS STREET.
 - CONTRACTOR SHALL TAKE SPECIAL CARE WHEN WORKING ALONG THE BRICK STREET, BOUCHELLE AVENUE. ANY BRICKS DISLOGGED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
 - CONTRACTOR SHALL ROUGH GRADE ANY DISTURBED AREAS. UMC LANDSCAPE SERVICES WILL FINISH GRADE AND SOD THE AREAS.

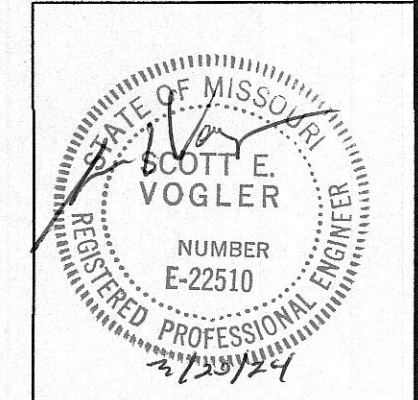
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OFFICE LOCATIONS
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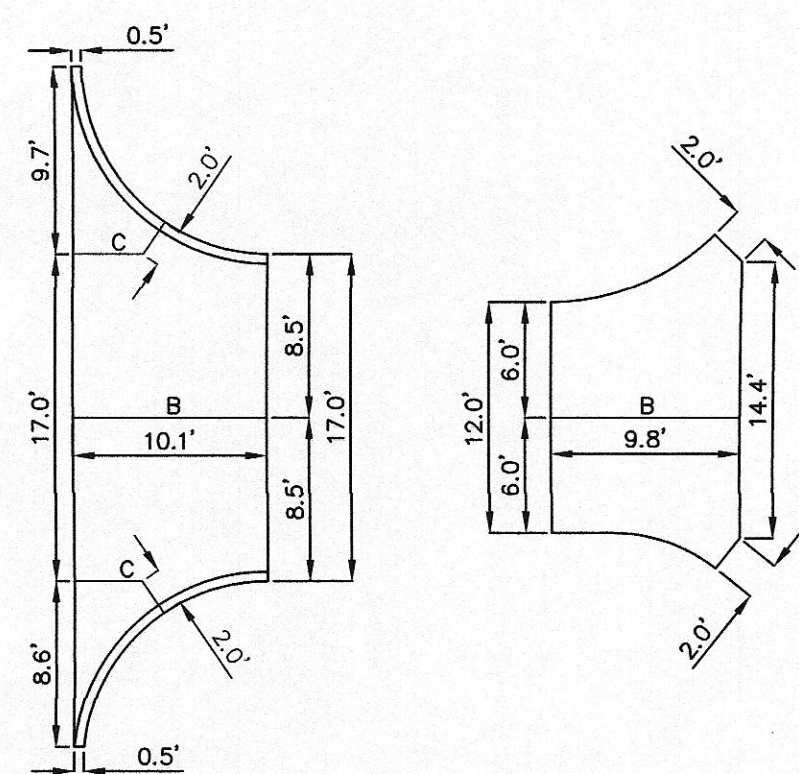
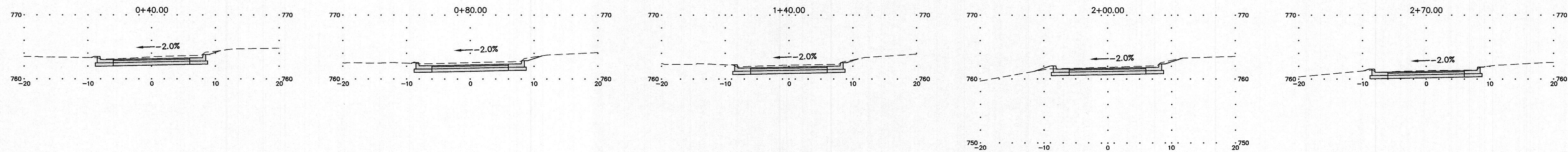
VARIOUS LOCATIONS
FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE
UNIVERSITY OF MISSOURI PROJECT NO. CP241342

SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

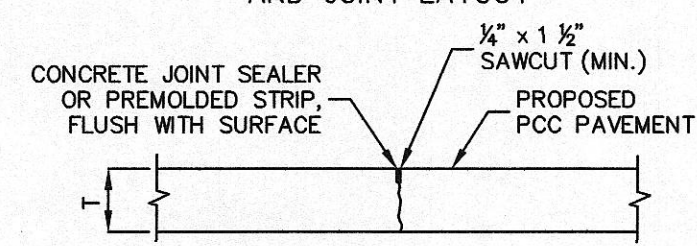
CONNAWAY BUILDING ROAD
REPAIR PLAN AND PROFILE

SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	ConnawaySP-M	CP241342 473-070	16

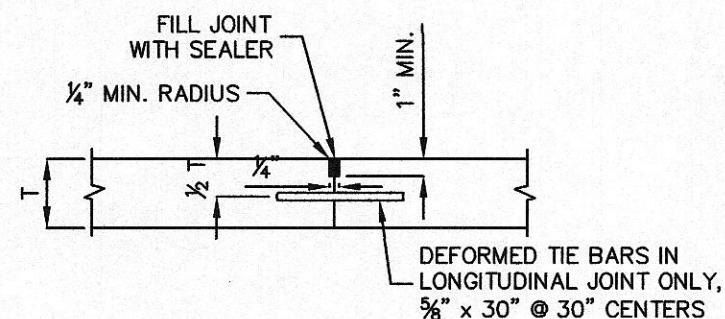
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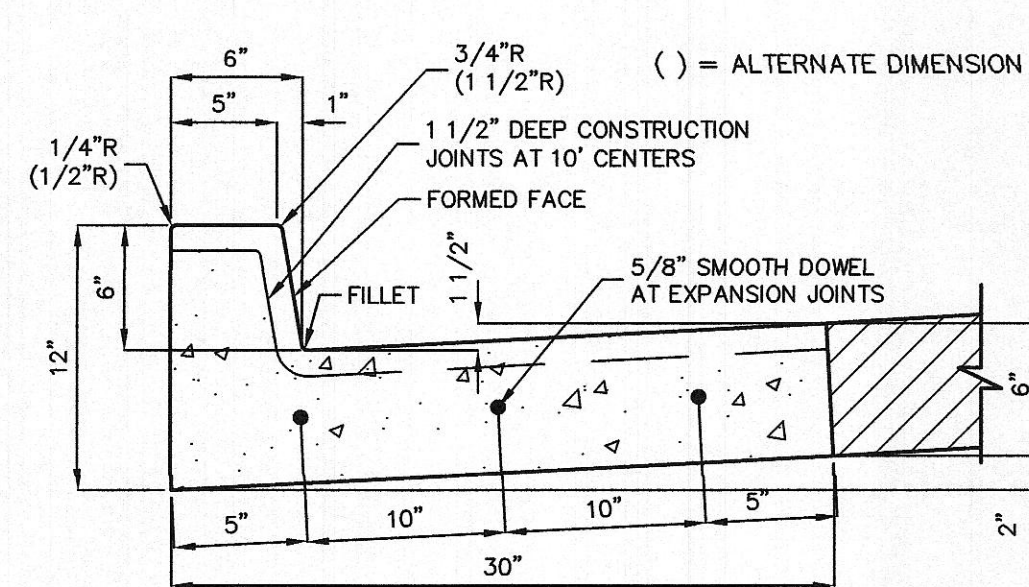
CONCRETE ENTRANCE AND JOINT LAYOUT



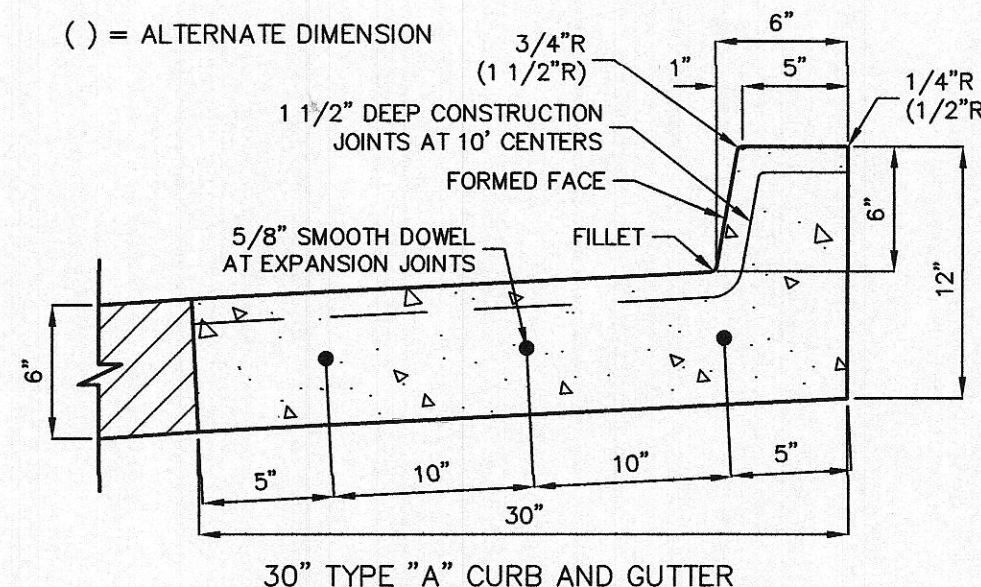
TYPE C SAWCUT JOINT DETAIL



TYPE B LONGITUDINAL CONSTRUCTION JOINT



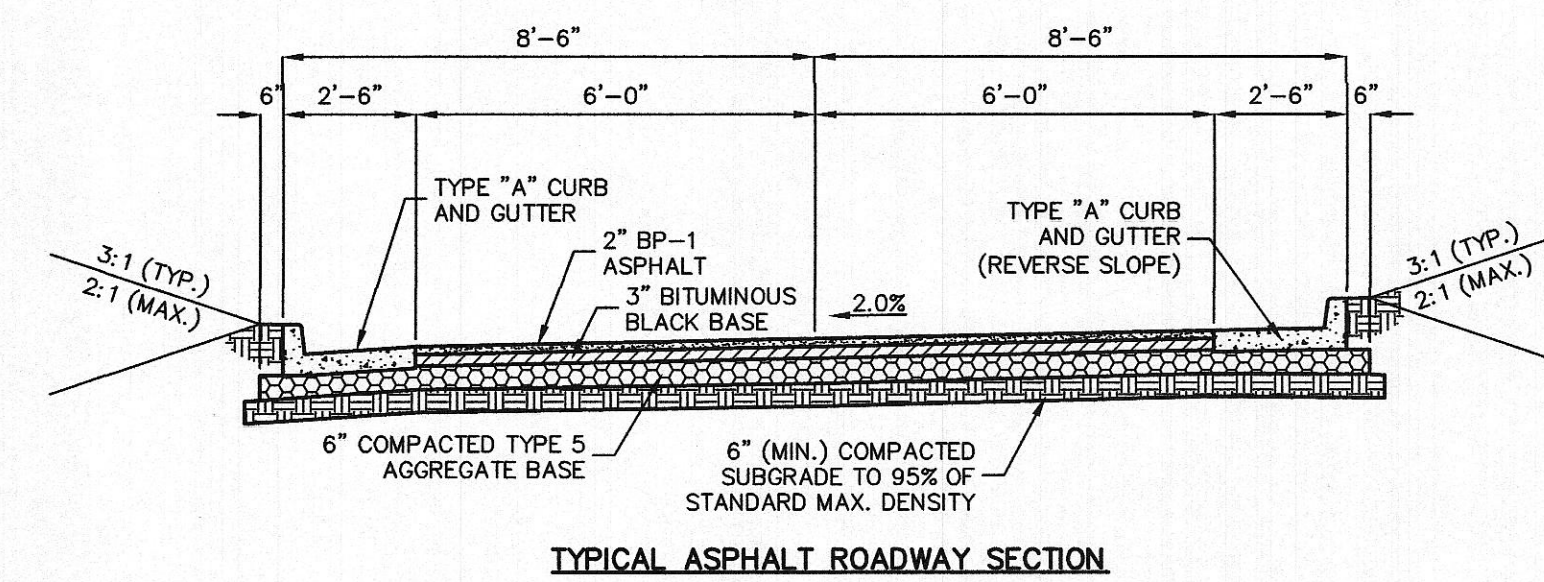
30" TYPE "A" CURB AND GUTTER (ASPHALT STREET)



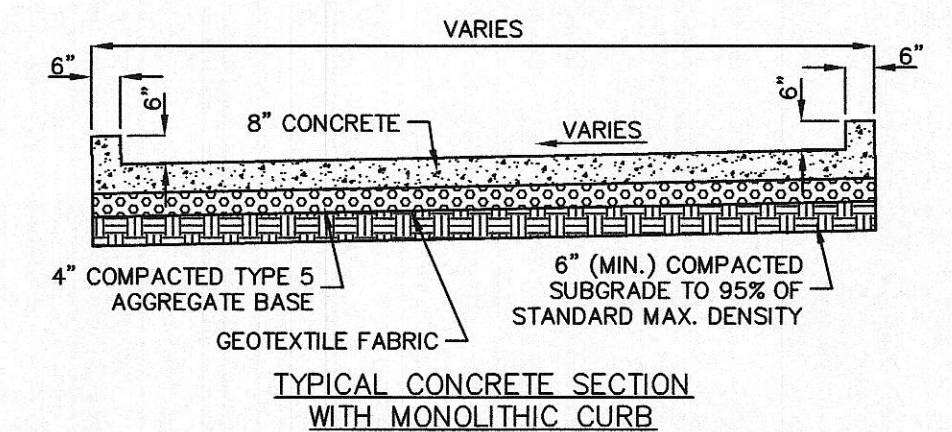
30" TYPE "A" CURB AND GUTTER REVERSE SLOPE (ASPHALT STREET)

NOTES:

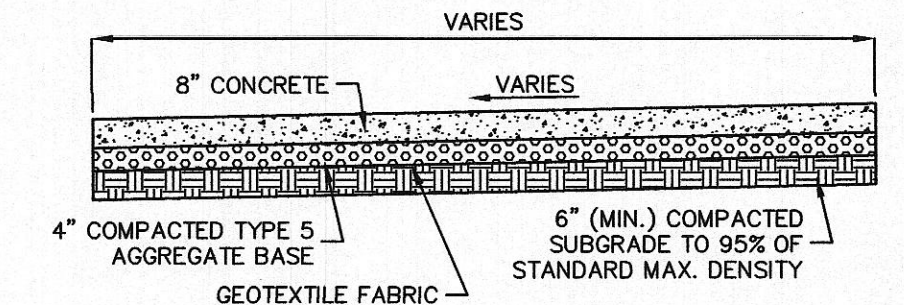
- EXPANSION JOINTS SHALL BE INSTALLED AT CURB RETURN RADIUS POINTS, INLET RETURNS, AND AT DRIVE APPROACHES. 1/2" EXPANSION MATERIAL WITH 5/8" x 24" SMOOTH DOWELS SHALL BE USED. THESE DOWELS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
- THE EXPANSION JOINT MATERIAL SHALL BE GRAY SPONGE RUBBER FULL DEPTH.
- CONSTRUCTION JOINTS MAY BE SAWED, OR PRE-FORMED.
- ALL JOINTS SHALL BE CUT AT 10' ON CENTER. ALL JOINTS SHALL BE FILLED WITH JOINT SEALER.
- CONTRACTOR SHALL PLACE 4" OF COMPACTED MODOT TYPE 5 AGGREGATE BASE UNDER ALL CURB AND GUTTER.



TYPICAL ASPHALT ROADWAY SECTION



TYPICAL CONCRETE SECTION WITH MONOLITHIC CURB



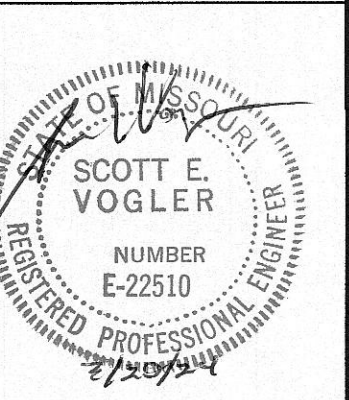
TYPICAL CONCRETE SECTION

NOTES:

- CONCRETE SURFACE SHALL HAVE A WIRE COMB FINISH TRANSVERSE TO CENTERLINE.

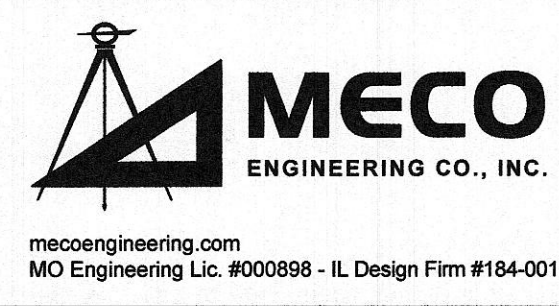
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NO.	DATE	REVISION DESCRIPTION	BY



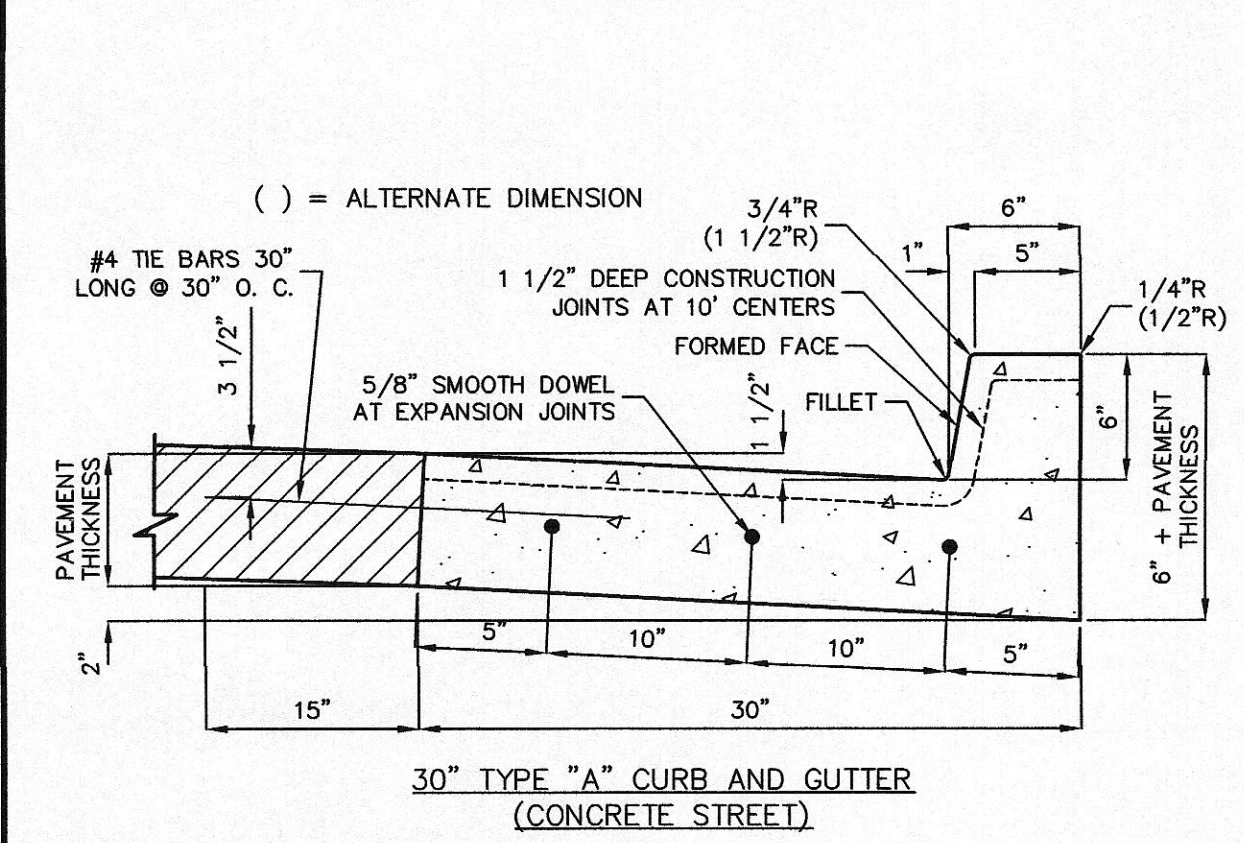
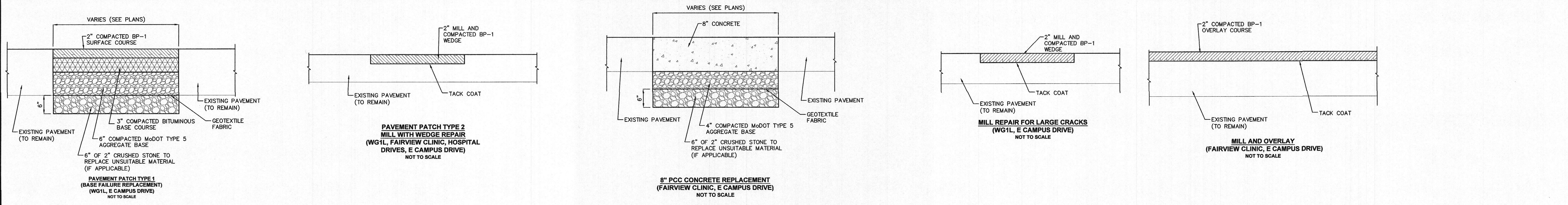
OFFICE LOCATIONS
 HANNIBAL, MO
 JEFFERSON CITY, MO
 BRANSON, MO
 BOONVILLE, MO
 PITTSFIELD, IL

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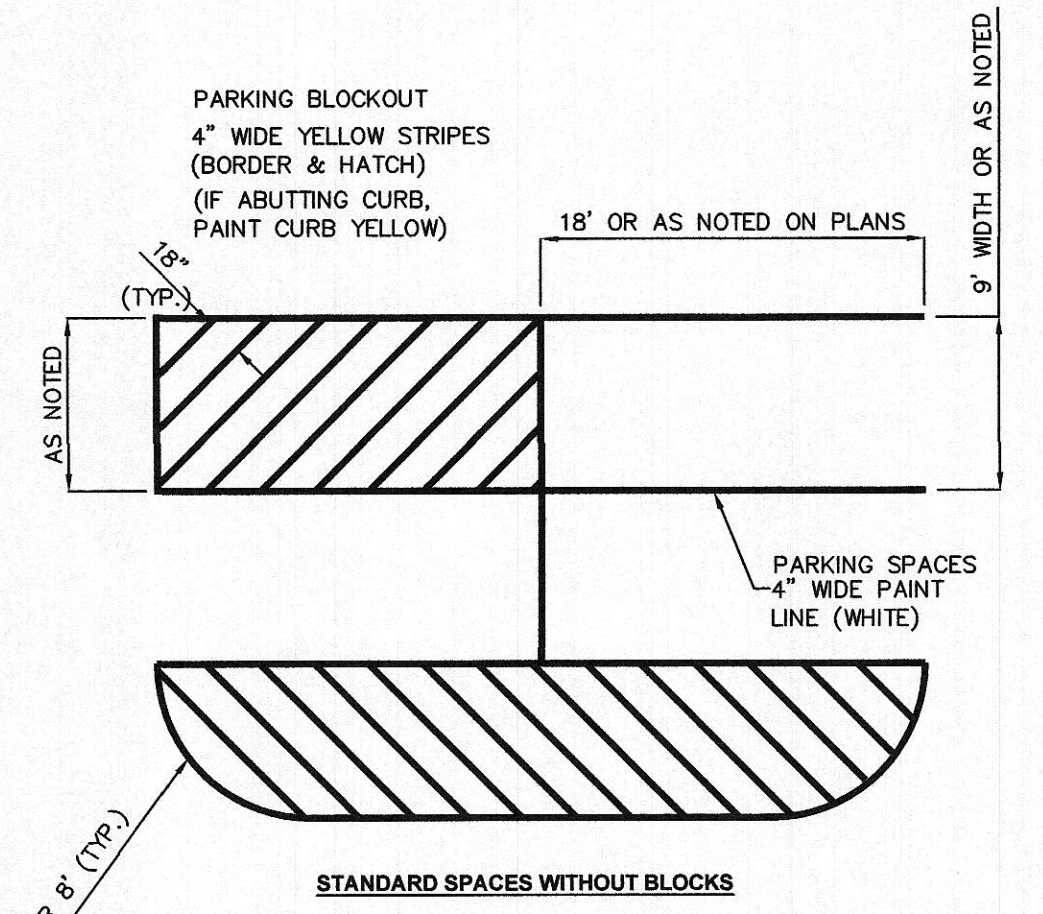
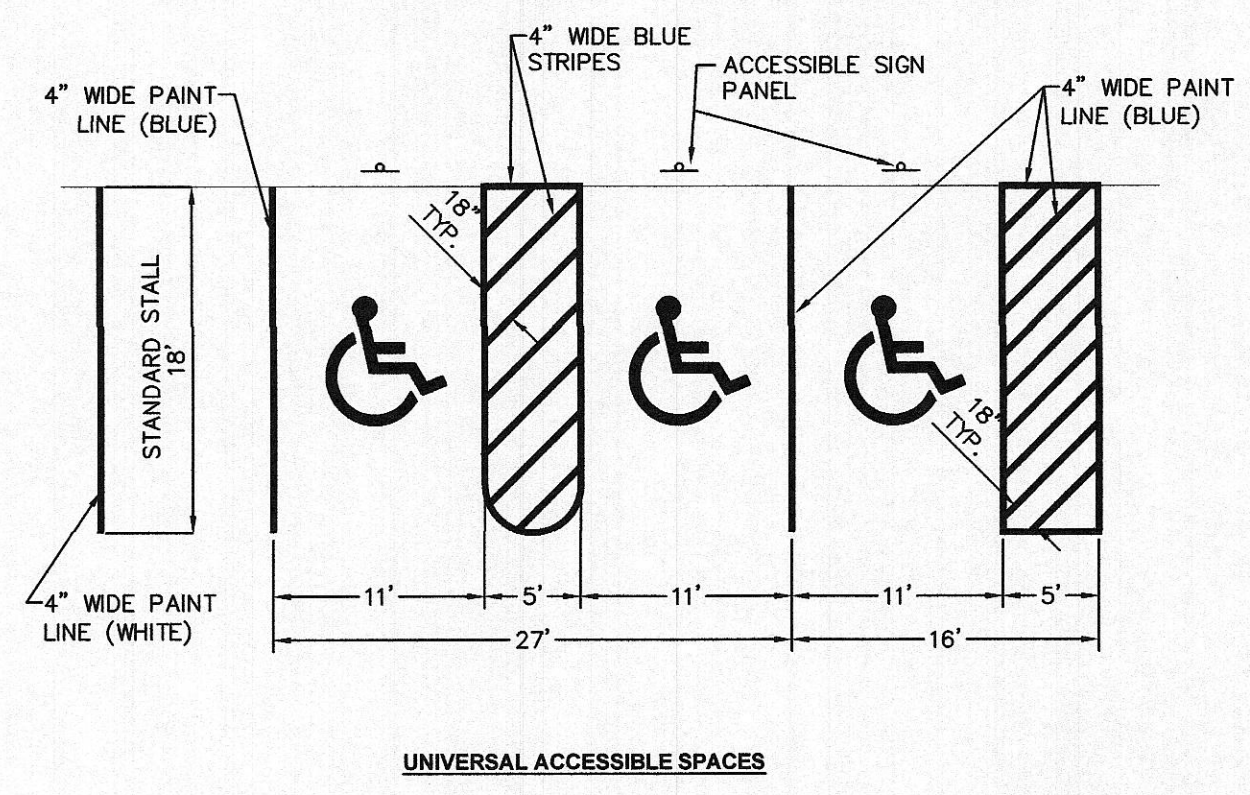
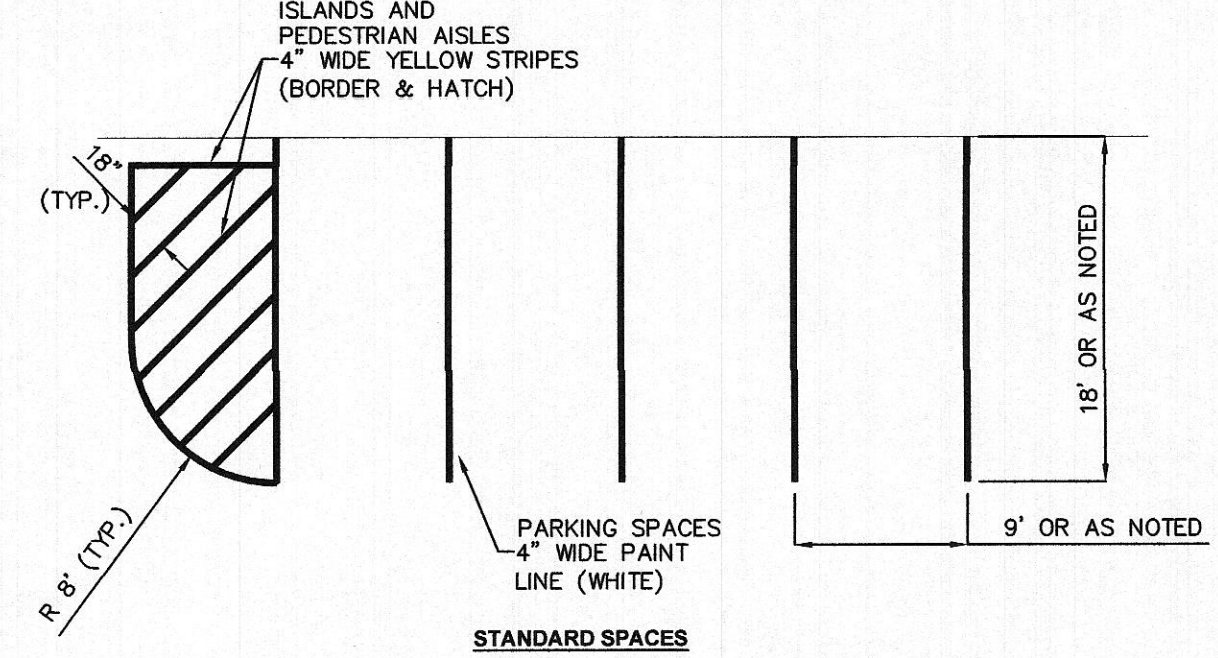
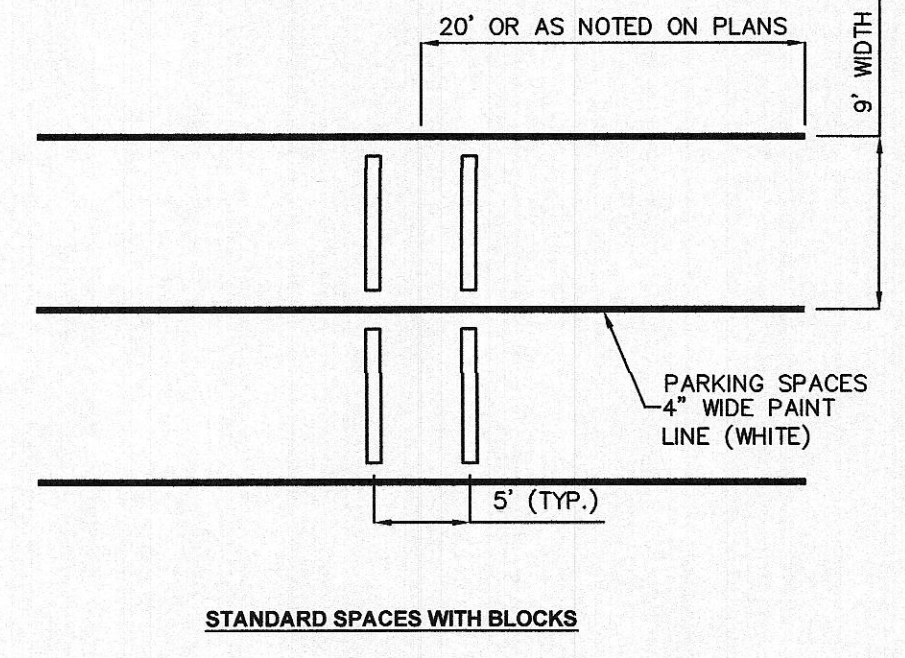
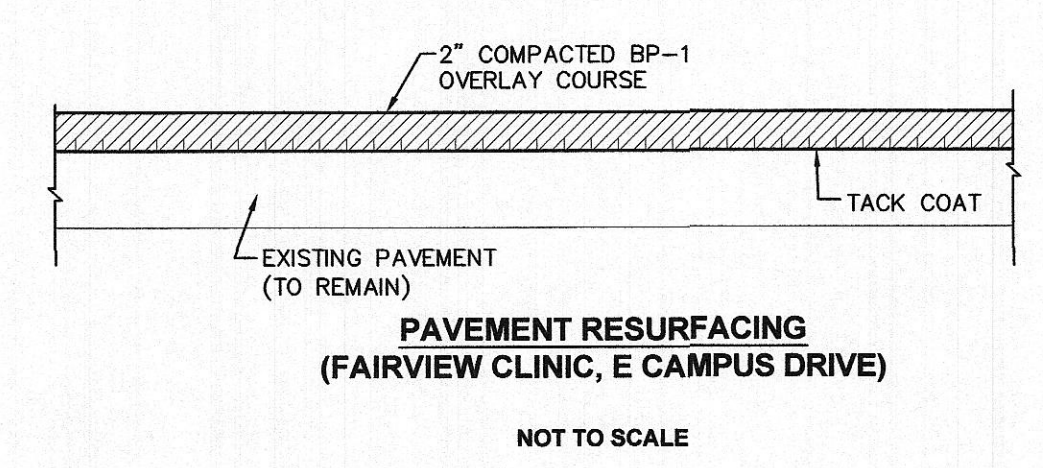
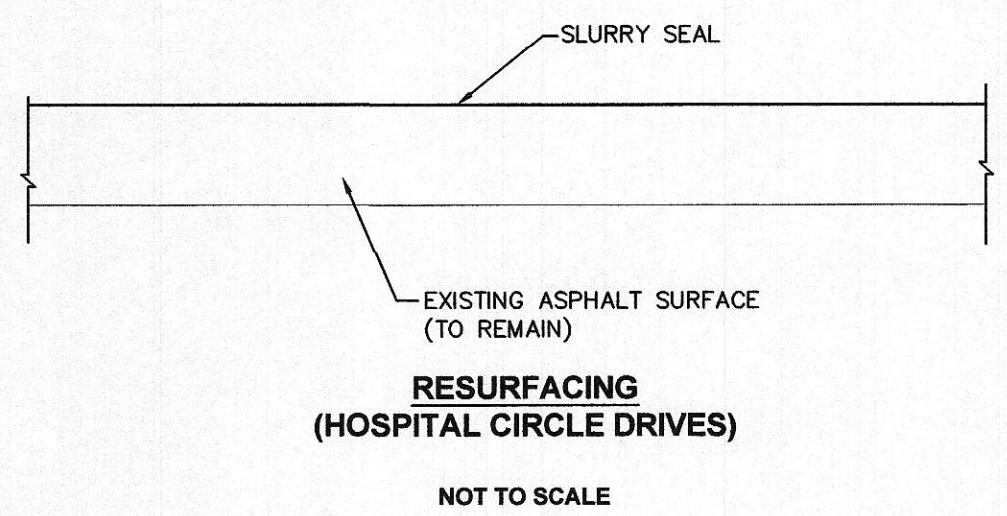
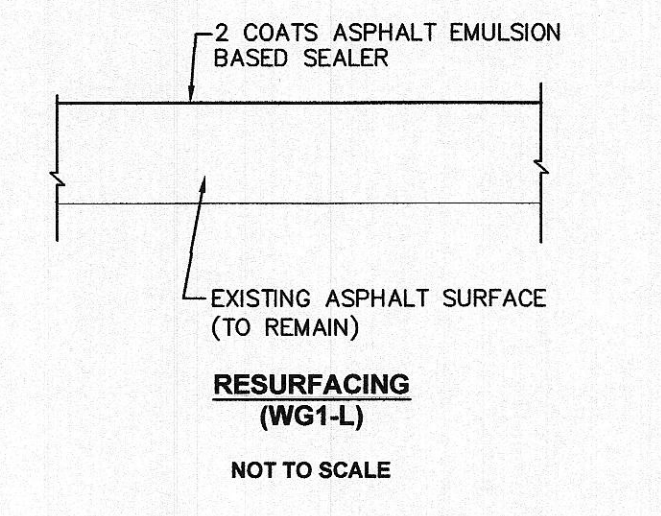
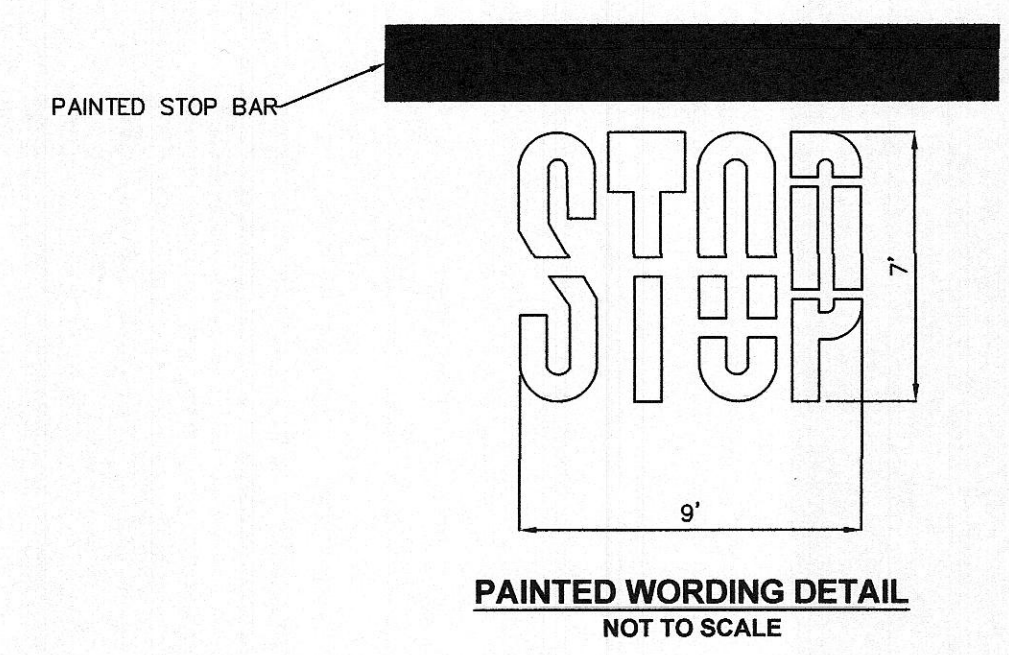
VARIOUS LOCATIONS FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE UNIVERSITY OF MISSOURI PROJECT NO. CP241342					
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

CONNAWAY BUILDING ROAD CROSS SECTIONS AND DETAILS			
SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	ConnawaySP-M	CP241342 473-070	17

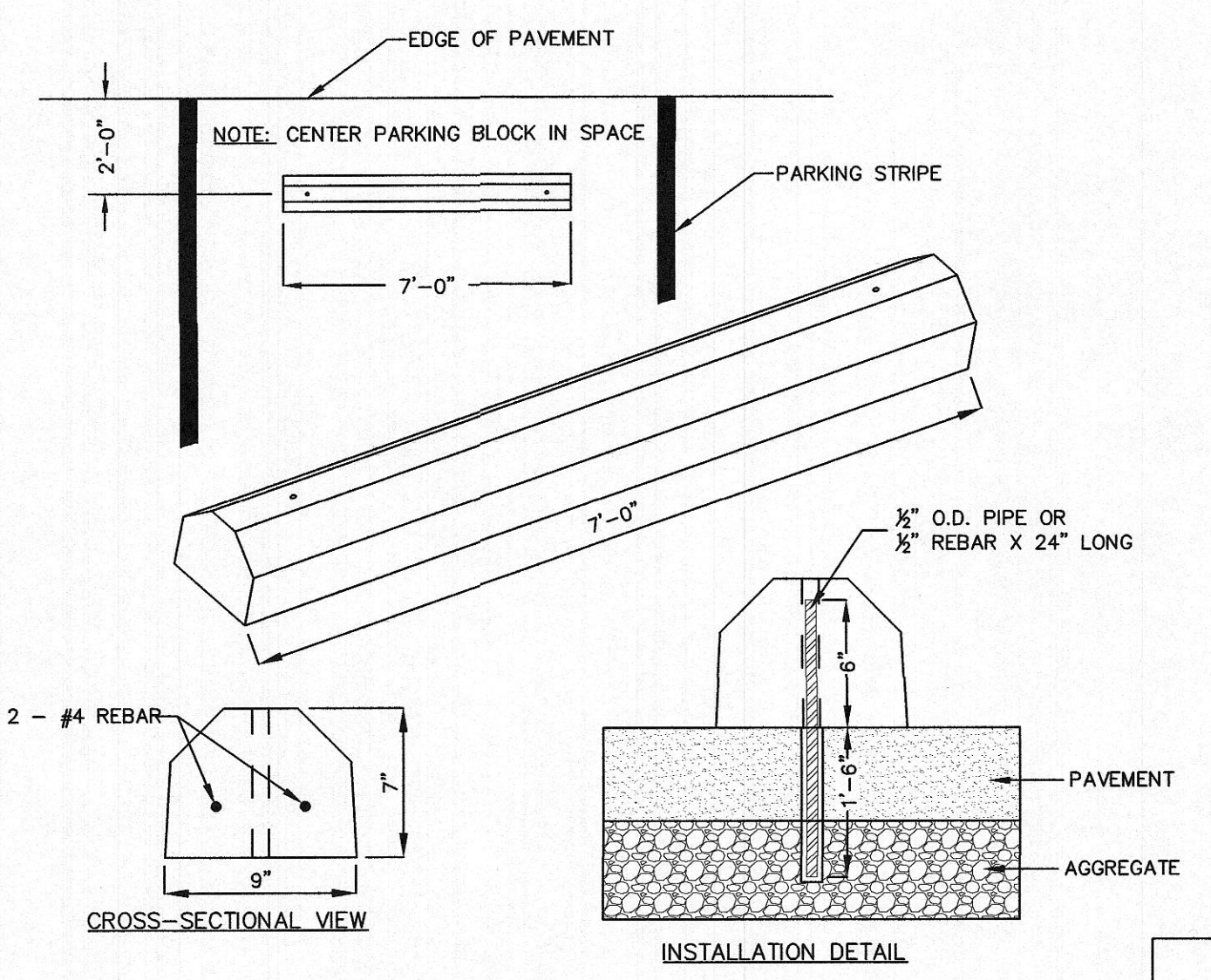
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- NOTES:
1. EXPANSION JOINTS SHALL BE INSTALLED AT CURB RETURN RADIUS POINTS, INLET RETURNS, AND AT DRIVE APPROACHES. 1/2" EXPANSION MATERIAL WITH 5/8" x 24" SMOOTH DOWELS SHALL BE USED. THESE DOWELS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
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TYPICAL PAVEMENT MARKING
NOT TO SCALE



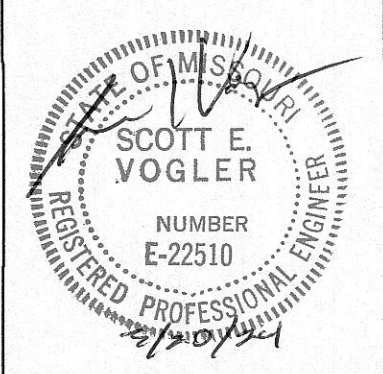
PARKING BLOCKS
N.T.S.

NO.	DATE	REVISION DESCRIPTION	BY

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VARIOUS LOCATIONS					
FY24 SUMMER PAVING PROJECT - ASPHALT AND CONCRETE					
UNIVERSITY OF MISSOURI PROJECT NO. CP241342					
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	RELEASED
	SEV	EW/TN			

TYPICAL SECTIONS AND DETAILS			
SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
NOT TO SCALE	C-501-M	CP241342 473-070	18



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