

DESIGN DESIGNATION

A.A.D.T. (TUCKER BLVD) - 2023 = 10556
T = 28.1%
V = 35 M.P.H.
FUNCTIONAL CLASSIFICATION - LOCAL

A.A.D.T. (EB 1-64) - 2023 = 30810
T = 31.8%
V = 55 M.P.H.
FUNCTIONAL CLASSIFICATION - INTERSTATE

NO RIGHT-OF-WAY ACQUISITION

CONVENTIONAL SYMBOLS

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	- FO -	- FO -
OVERHEAD CABLE TV	- OTV -	- OTV -
UNDERGROUND CABLE TV	- UTV -	- UTV -
OVERHEAD TELEPHONE	- OT -	- OT -
UNDERGROUND TELEPHONE	- UT -	- UT -
OVERHEAD POWER	- OE -	- OE -
UNDERGROUND POWER	- UE -	- UE -
SANITARY SEWER	- S -	- S -
STORM SEWER	- SS -	- SS -
GAS	- G -	- G -
WATER	- W -	- W -
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
ST. LOUIS CITY



NOT TO SCALE



INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) -----	2
QUANTITIES (QU) (1 SHEET)-----	3
TRAFFIC CONTROL SHEETS (TC)-----	4-11
BRIDGE PLANS (B)	
A150121 -----	1-3



NAME: STEPHEN SICHMELLER
DISCIPLINE: TRANSPORTATION
LICENSE NO: 2024017802
EXPIRATION DATE: 12/31/2026

DATE PREPARED

2/27/202

ROUTE	STA
I C 4	M

1 - 64	M
DISTRICT	SHEET

SL

	COUNTY
--	--------

ST. LOUIS C

JOB NO.
LSI M006

CONTRACT ID.	
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Page 10 of 10

PROJECT NO. _____

BRIDGE NO.

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA.	103+90.00
END OF PROJECT	STA.	104+90.00

APPARENT LENGTH	100.00	FEET
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EQUATIONS AND EXCEPTIONS:	NONE
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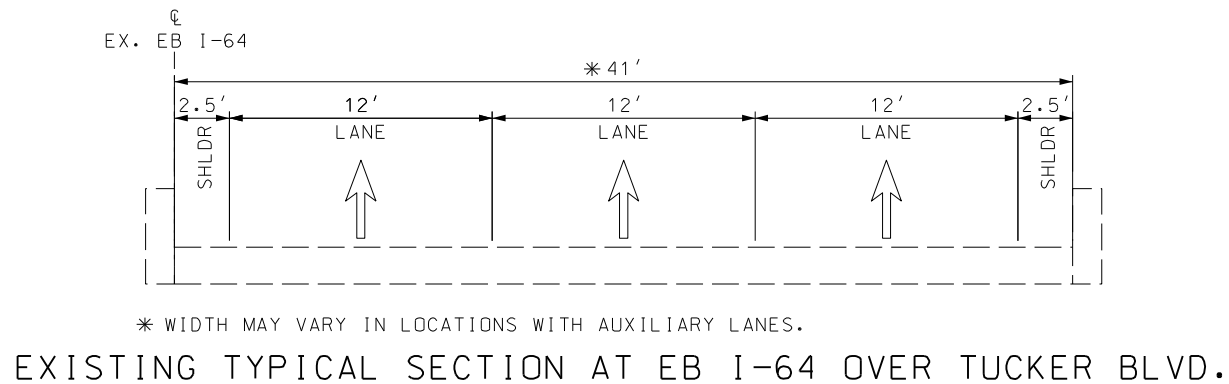
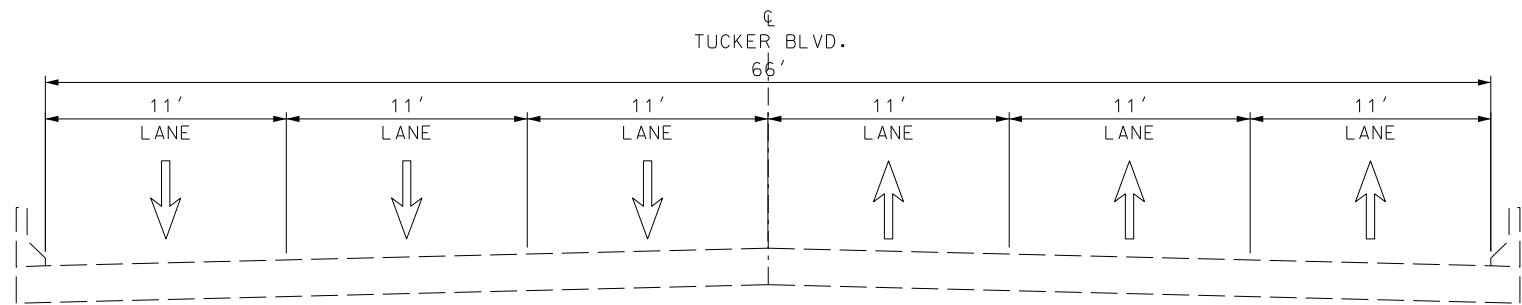
TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	100.00	FEET
STATE LENGTH	0.019	MILES

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRES

**HORNER
SHIFRIN**

401 S. 18TH ST., STE. 400 SAINT LOUIS, MO 63103-2296
TEL: 314-531-4321 • FAX 314-531-6966 • WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

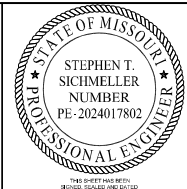
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* WIDTH MAY VARY IN LOCATIONS WITH AUXILIARY LANES.

NOT TO SCALE

TYPICAL SECTION
PAGE 1 OF 1



NAME: STEPHEN T. SCHMELLER
DISCIPLINE: TRANSPORTATION
LICENSE NO: 2024017802
EXPIRATION DATE: 12/31/2026

DATE PREPARED
2/27/2025

ROUTE 1-64	STATE MO
DISTRICT SL	SHEET NO. 2

COUNTY
ST. LOUIS CITY

JOB NO.
JSLM0066

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

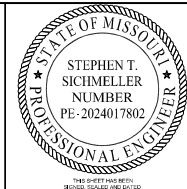
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

**HORNER
SHIFRIN**

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314-531-4321 • FAX 314-431-6866 • WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

				TOTAL	QTY	TOTAL	SIGN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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NAME: STEPHEN T. SCHMELER
DISCIPLINE: TRANSPORTATION
LICENSE NO.: 2024017802
EXPIRATION DATE: 12/31/2026

DATE PREPARED
2/27/2025

ROUTE I-64 STATE MO

DISTRICT SL SHEET NO. 4

COUNTY

ST. LOUIS CITY

JOB NO. JSLM0066

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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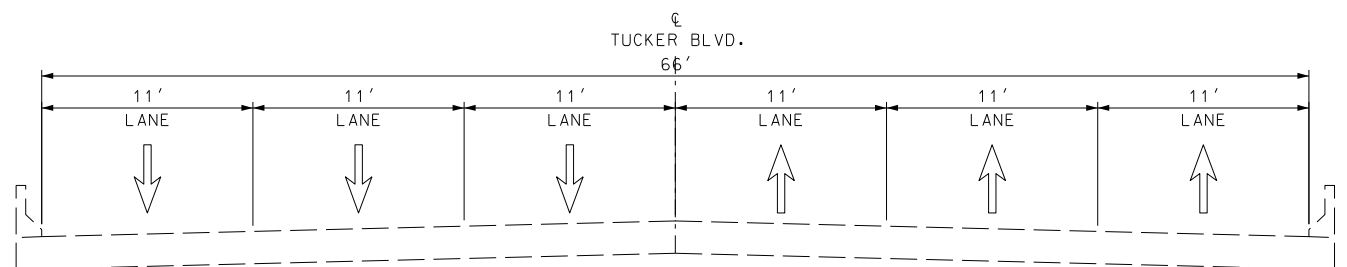
401 S. 18TH ST., STE. 400 SAINT LOUIS, MO 63103-2296
314-531-4321 • FAX 314-531-6866 • WWW.HORNERSHIFRIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

NOT TO SCALE

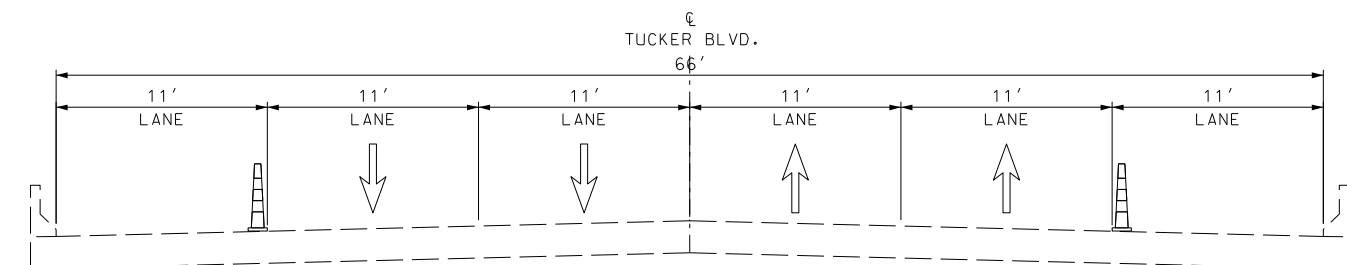
TRAFFIC CONTROL

SHEET 1 OF 8

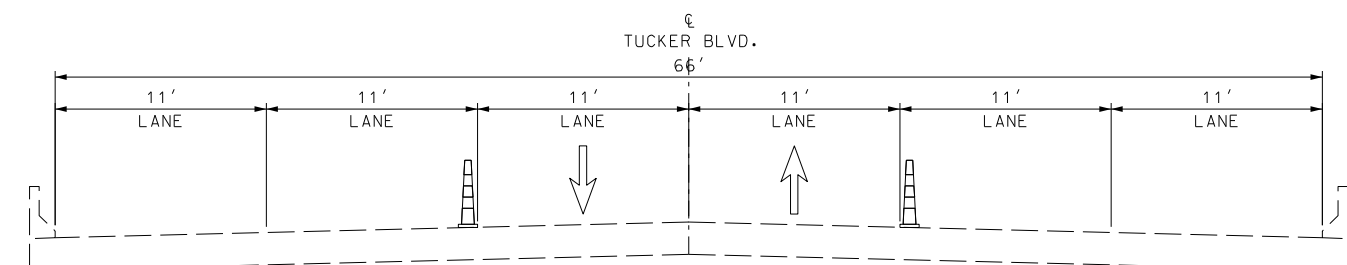
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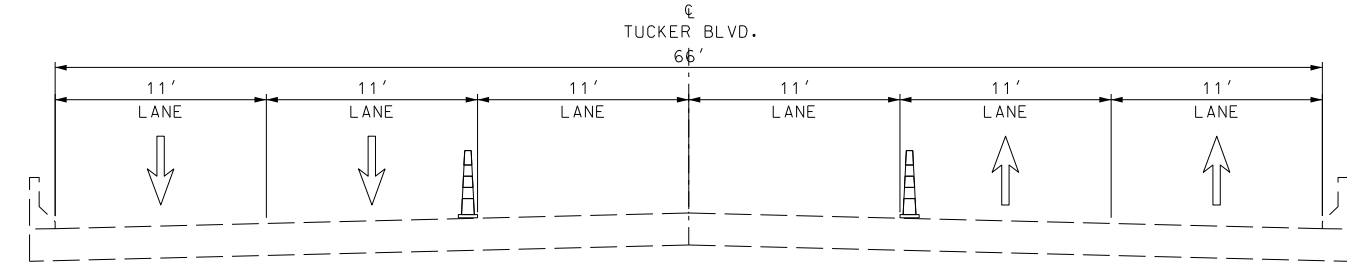
EXISTING TYPICAL SECTION AT TUCKER BLVD.
OUTSIDE OF WORK ZONE



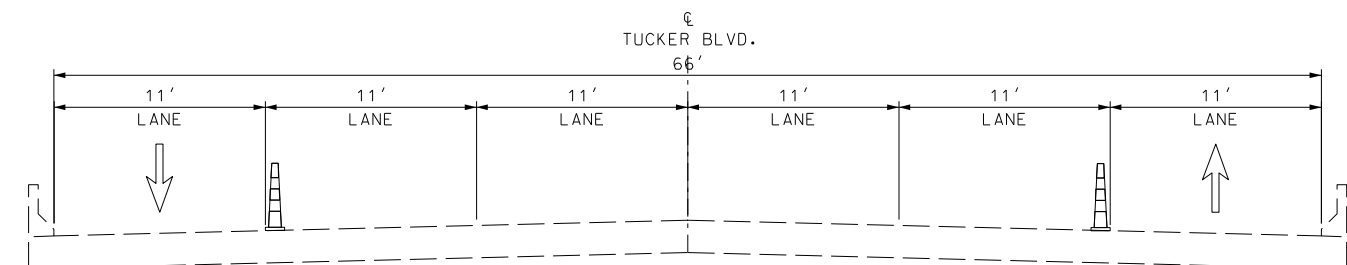
STAGE 1 - TUCKER BLVD. LANE CLOSURE
NB - STA. 15+99.36 TO STA. 23+49.36
SB - STA. 41+01.67 TO STA. 52+01.67



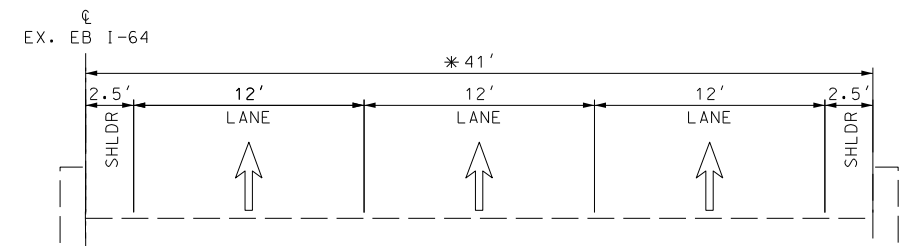
STAGE 1 - TUCKER BLVD. LANE CLOSURE
NB - STA. 23+49.36 TO STA. 36+02.32
SB - STA. 28+48.63 TO STA. 41+01.67



STAGE 2 - TUCKER BLVD. LANE CLOSURE
NB - STA. 15+99.36 TO STA. 23+49.36
SB - STA. 41+01.67 TO STA. 52+01.67

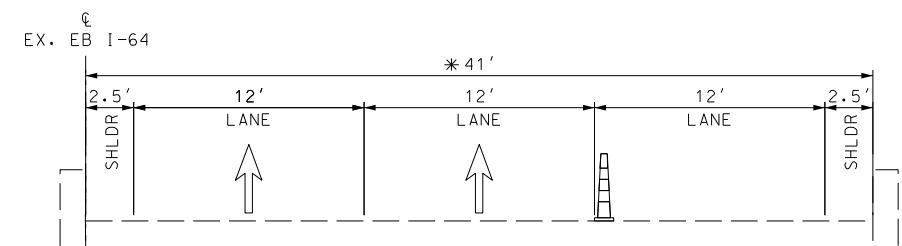


STAGE 2 - TUCKER BLVD. LANE CLOSURE
NB - STA. 23+49.36 TO STA. 36+02.32
SB - STA. 28+48.63 TO STA. 41+01.67



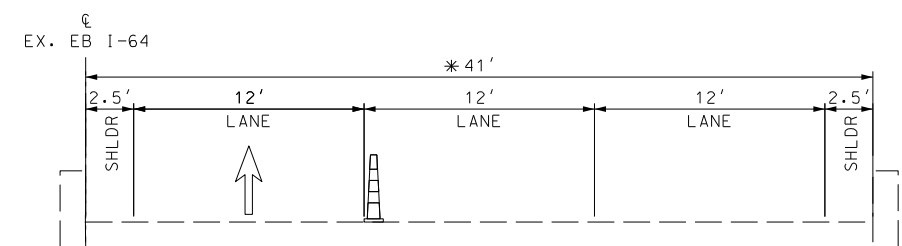
* WIDTH MAY VARY IN LOCATIONS WITH AUXILIARY LANES.

EXISTING TYPICAL SECTION AT EB I-64 OVER TUCKER BLVD.
OUTSIDE OF WORK ZONE



* WIDTH MAY VARY IN LOCATIONS WITH AUXILIARY LANES.

LANE CLOSURE - I-64 EB
STA. 70+71.68 TO STA. 92+29.41



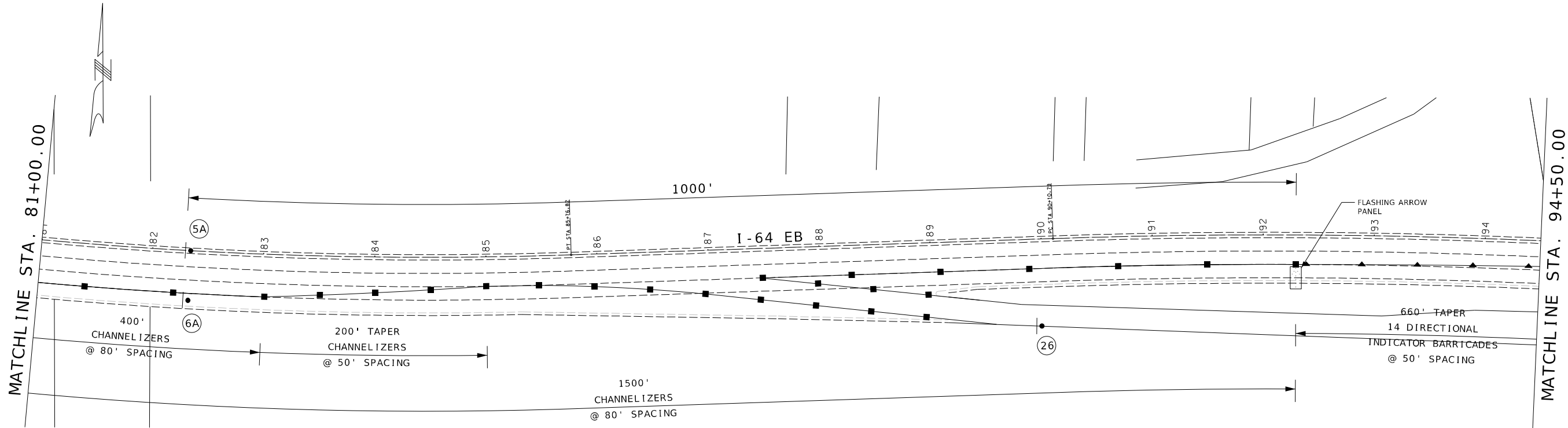
* WIDTH MAY VARY IN LOCATIONS WITH AUXILIARY LANES.

LANE CLOSURE - I-64 EB
STA. 92+29.41 TO STA. 106+39.88

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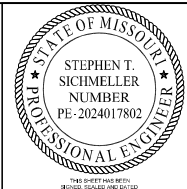
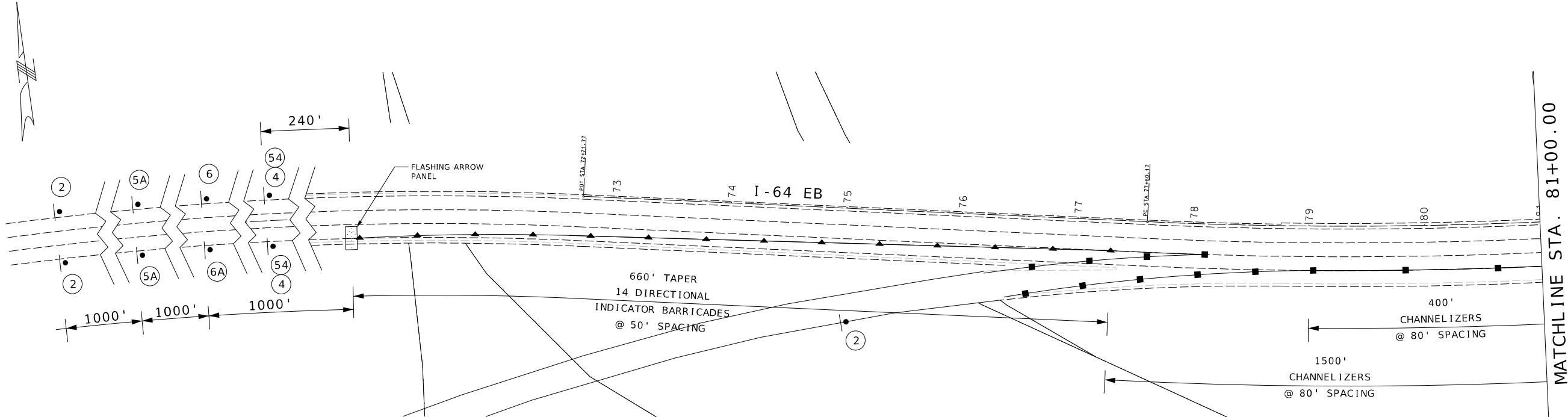
TRAFFIC CONTROL
SHEET 1 OF 8



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NOTES:
SEE JOB SPECIAL PROVISION FOR RESTRICTIONS.
SEE SHEET 5 FOR LEGEND, SIGN DETAILS, AND GENERAL NOTES.
ALL DIRECTIONAL INDICATOR BARRICADES SHALL INCLUDE SEQUENTIAL FLASHING WARNING LIGHTS.

I - 64 EB
TRAFFIC CONTROL
SHEET 3 OF 8



NAME: STEPHEN T. SCHMELLER
DISCIPLINE: TRANSPORTATION
LICENSE NO.: 2024017802
EXPIRATION DATE: 12/31/2026

DATE PREPARED
2/27/2025

ROUTE: I - 64
STATE: MO
DISTRICT: SL
SHEET NO.: 6

COUNTY: ST. LOUIS CITY

JOB NO.: JSLM0066

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

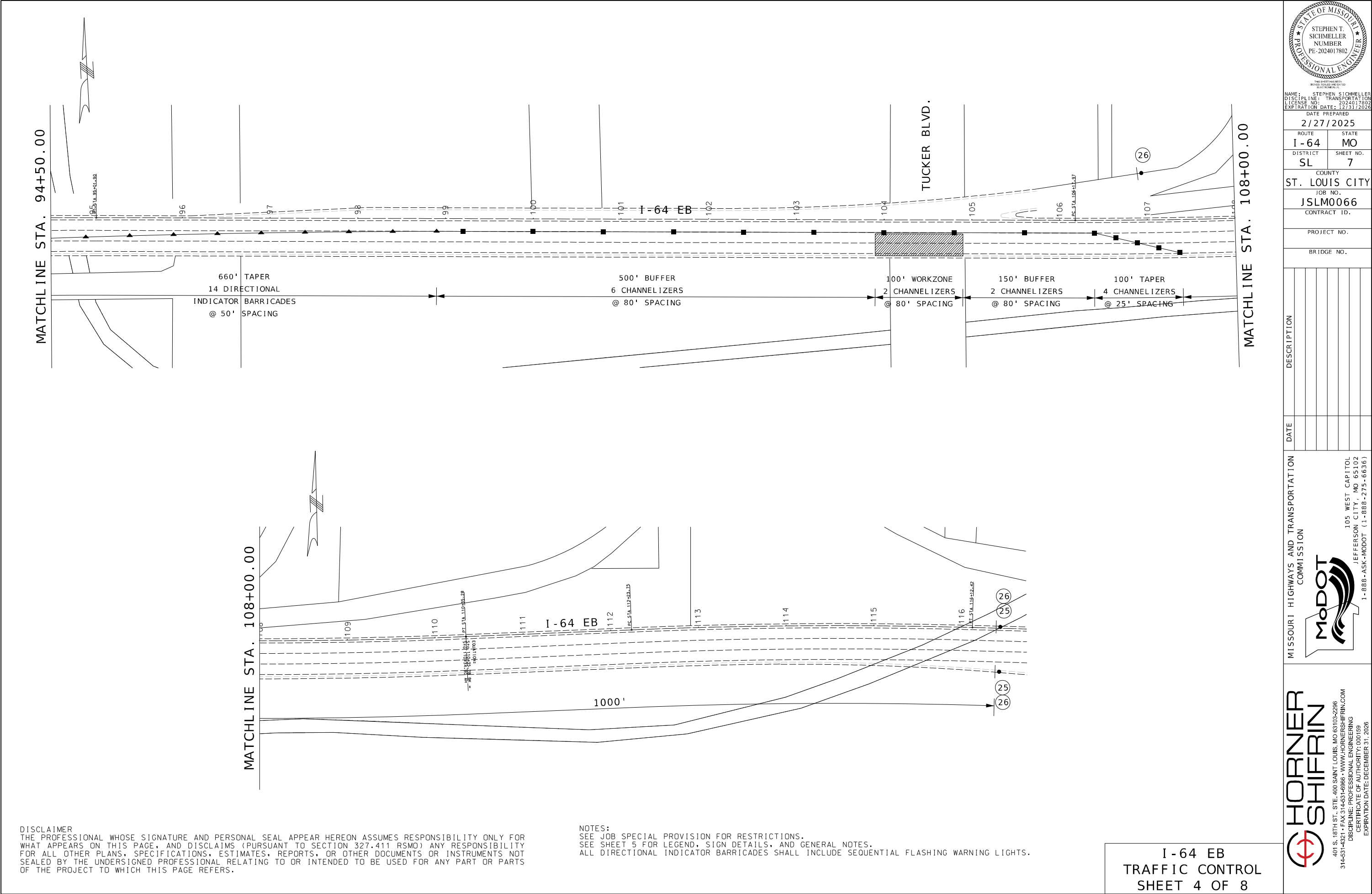
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MoDOT

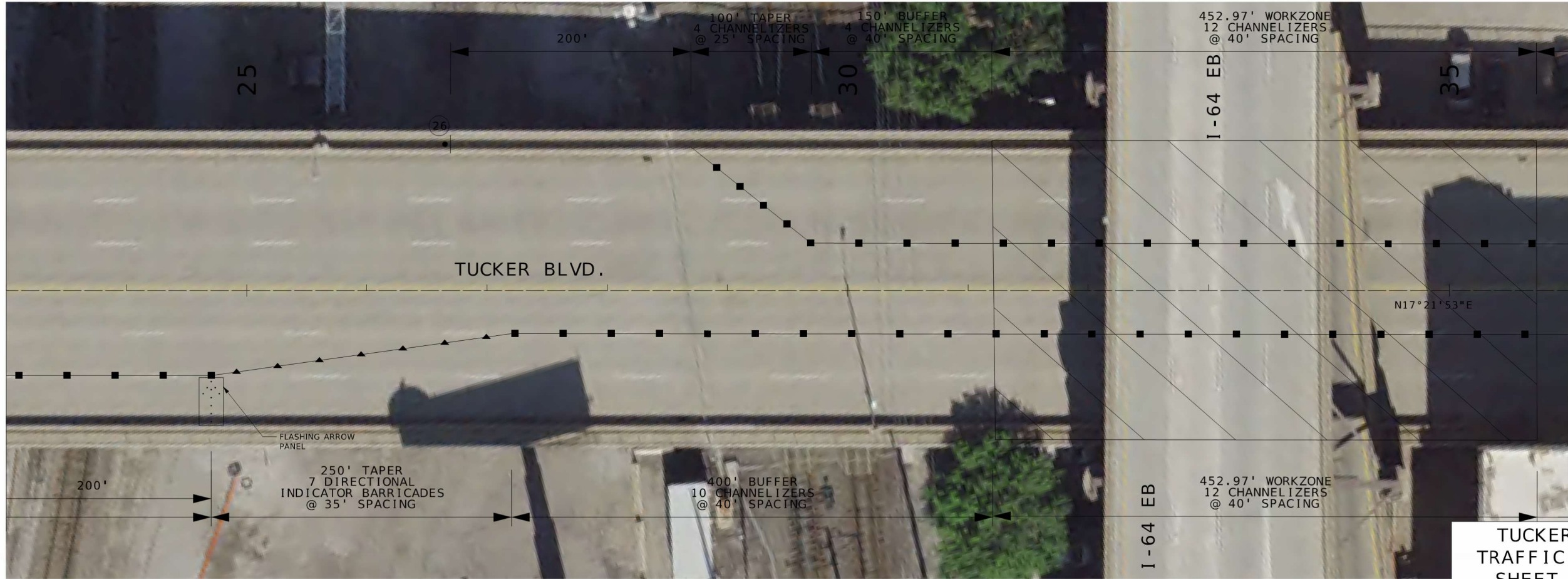
HORNER SHIFERIN

401 S. 18TH ST., STE. 400 SAINT LOUIS, MO 63103-2296
314-531-4321 • FAX 314-531-6866 • WWW.HORNERSHIFERIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



MATCHLINE STA. 23+00.00



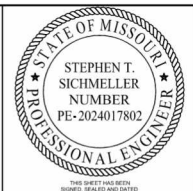
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NOTES:
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-ONE LANE IN EACH DIRECTION MUST REMAIN OPEN AT ALL TIMES.

TUCKER BLVD.
TRAFFIC CONTROL
SHEET 5 OF 8

MATCHLINE STA. 36+00.00

MATCHLINE STA. 23+00.00



NAME: STEPHEN T. SCHMELLER
DISCIPLINE: TRANSPORTATION
LICENSE NO.: 2024017802
EXPIRATION DATE: 12/31/2026

DATE PREPARED
2/27/2025

ROUTE 1-64 STATE MO

DISTRICT SL SHEET NO. 8

COUNTY

ST. LOUIS CITY

JOB NO. JSLM0066

CONTRACT ID.

PROJECT NO.

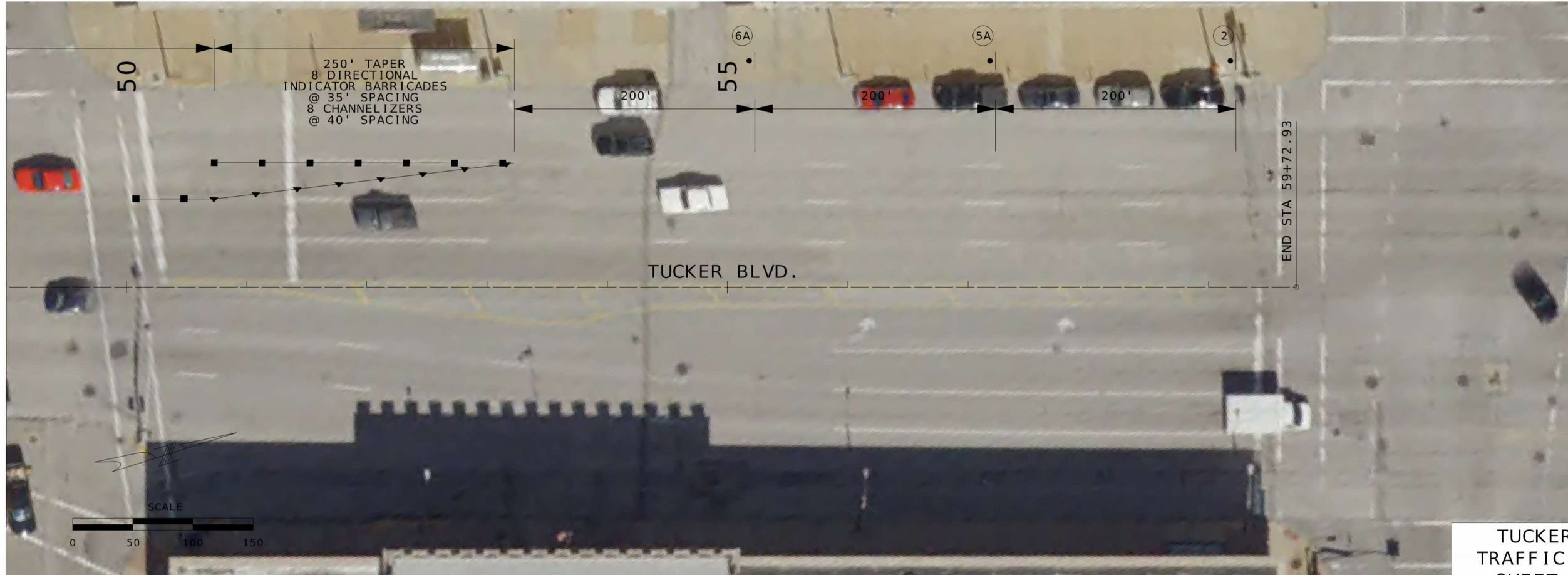
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

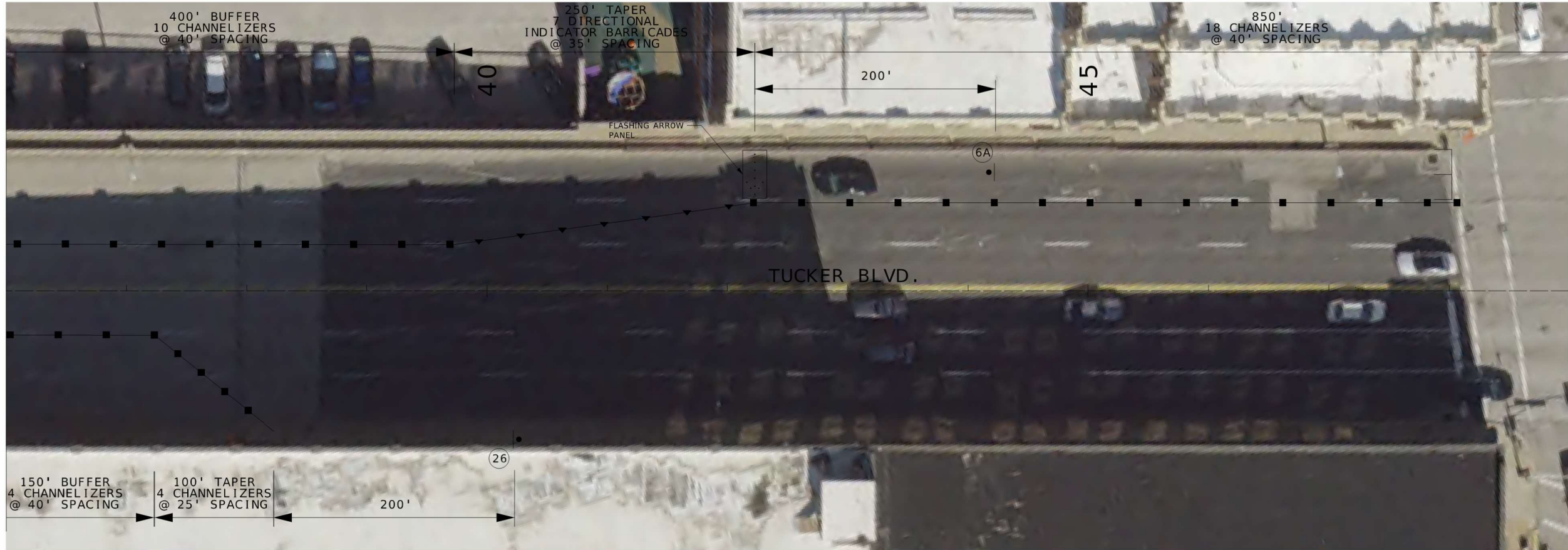
HORNER SHIFERIN
401 S. 18TH ST., STE. 400 SAINT LOUIS, MO 63103-2296
314-531-4321 • FAX 314-531-6866 • WWW.HORNERSHIFERIN.COM
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000159
EXPIRATION DATE: DECEMBER 31, 2026

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TUCKER BLVD.
TRAFFIC CONTROL
SHEET 6 OF 8

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DATE	DESCRIPTION

COUNTY
ST. LOUIS CITY
JOB NO.
JSLM0066
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

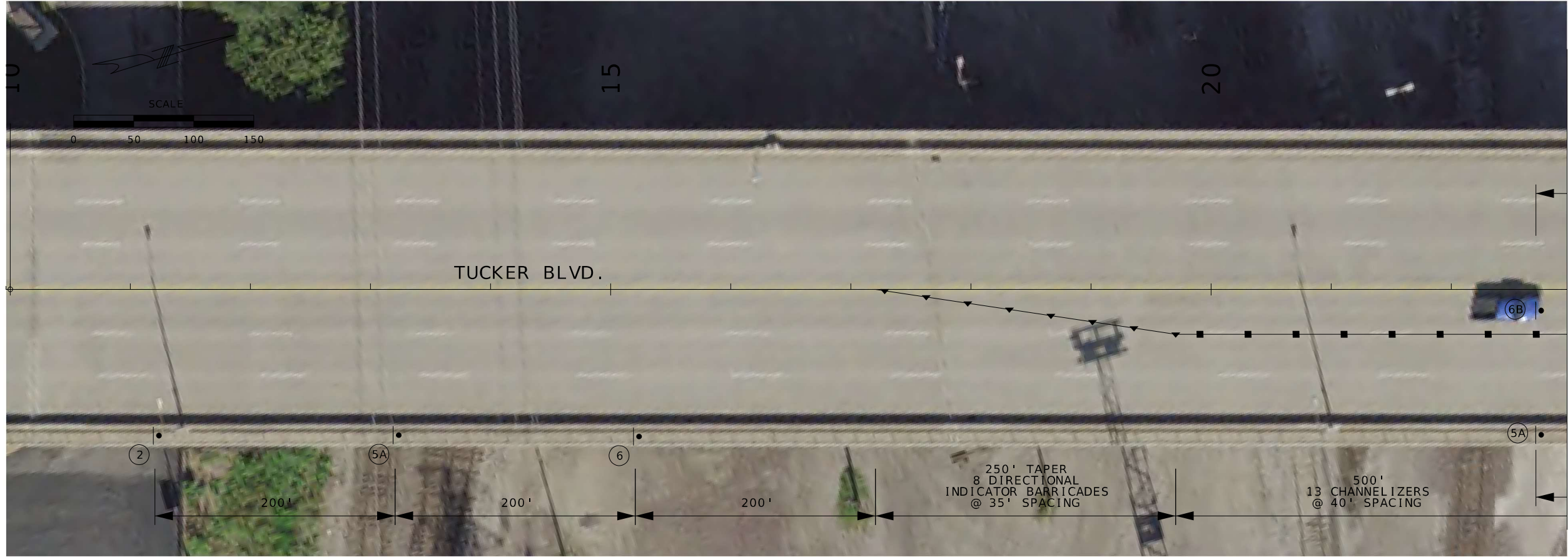
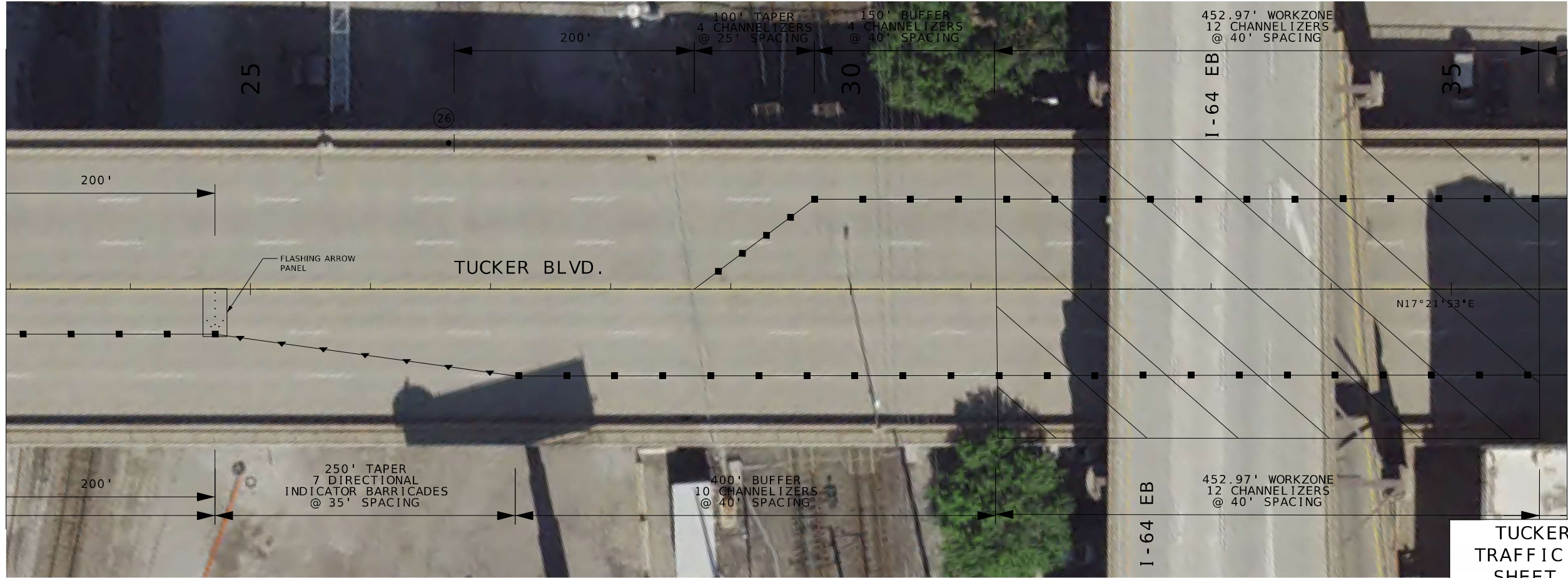
DATE PREPARED
2/27/2025

NAME: **STEPHEN T. SICHMELLER**
DISCIPLINE: **TRANSPORTATION**
LICENSE NO.: **2024017802**
EXPIRATION DATE: **12/31/2026**
PROFESSIONAL ENGINEER
STATE OF MISSOURI
STEPHEN T. SICHMELLER
NUMBER
PE-2024017802

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TUCKER BLVD.
TRAFFIC CONTROL
SHEET 7 OF 8

MATCHLINE STA. 36+00.00

MATCHLINE STA. 23+00.00

NAME: STEPHEN T. SCHMELLER
DISCIPLINE: TRANSPORTATION
LICENSE NO.: 2024017802
EXPIRATION DATE: 12/31/2026

DATE PREPARED
2/27/2025

ROUTE I-64	STATE MO
DISTRICT SL	SHEET NO. 10

COUNTY
ST. LOUIS CITY

JOB NO.
JSLM0066

CONTRACT ID.

PROJECT NO.

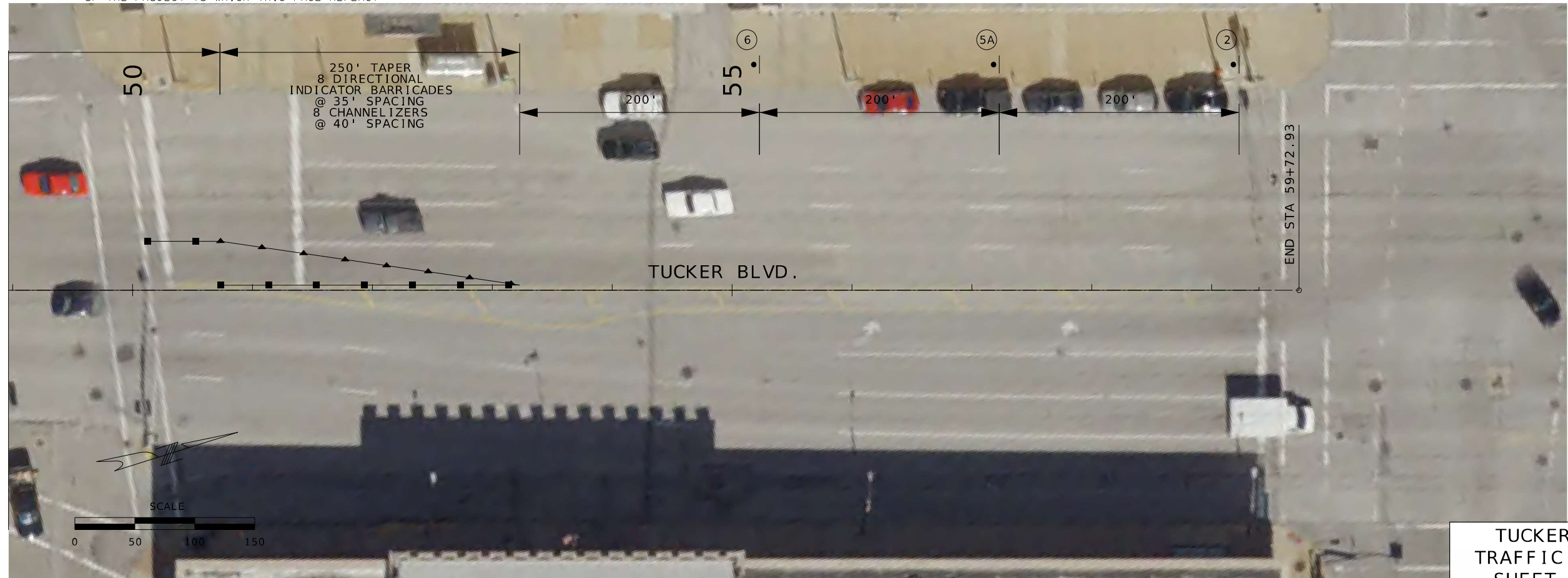
BRIDGE NO.

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105 WEST CAPITOL
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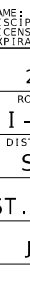
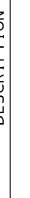
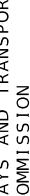
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314-531-4321 • FAX 314-431-6866 • WWW.HORNERSHIFFRIN.COM
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EXPIRATION DATE: DECEMBER 31, 2026

MATCHLINE STA. 49+00.00



NOTES:
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TUCKER BLVD.
TRAFFIC CONTROL
SHEET 8 OF 8

	
NAME: STEPHEN T. SCHIMMELLER DISCIPLINE: TRANSPORTATION LICENSE NO.: 2024017802 EXPIRATION DATE: 12/31/2026	
DATE PREPARED 2/27/2025	
ROUTE I - 64	STATE MO
DISTRICT SL	SHEET NO. 11
COUNTY ST. LOUIS CITY	
JOB NO. JSLM0066	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
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Estimated Quantities		
Item		Total
Partial Removal and Storage of Conduit System on Structure	lump sum	1
Removal of Intermediate Cross Brace	each	2
Removal of Stiffeners	each	42
Re-installation of Conduit System on Structure	lump sum	1
Fabricated Structural Carbon Steel (Misc.)	pound	1810
Surface Preparation for Recoating Structural Steel	lump sum	1
Field Application of Inorganic Zinc Primer	lump sum	1
Intermediate Field Coat (System G)	lump sum	1
Finish Field Coat (System G)	lump sum	1
Heat Straightening	lump sum	1
Non-Destructive Testing	lump sum	1
Grind Surface Deformities	lump sum	1

GENERAL NOTES:

Design Specifications:
2002 AASHTO LFD (17th Ed.) Standard Specifications

Design Loading:
HS 20-44 (1966)
HS20 Modified (New Construction)
Fatigue Stress - Case I

Design Unit Stresses:
Structural Carbon Steel (ASTM A709 Grade 36) fy = 36,000 psi

Fabricated Steel Connections:
Field connections shall be made with 3/4-inch diameter ASTM F3125 Grade A325 Type 1 bolts and 13/16-inch diameter holes, except as noted.

High strength bolts, nuts and washers will be sampled for quality assurance as specified in Sec 106.

Traffic Handling:
Traffic to be maintained on structures during construction. See roadway plans for traffic control.

Structural Steel Protective Coatings:
System G in accordance with Sec 1081 for new steel and areas of existing steel where existing paint system is compromised during construction of this project, or was compromised due to collision impact.

Surface preparation of the existing steel shall be in accordance with Sec 1081 for Recoating of Structural Steel (System G). The cost of surface preparation will be considered completely covered by the contract lump sum price for Surface Preparation for Recoating Structural Steel.

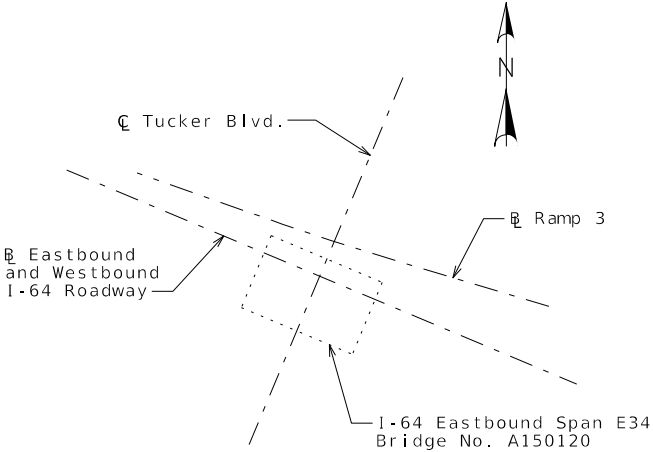
The cost of the prime coat of the existing steel will be considered completely covered by the contract lump sum price for Field Application of Inorganic Zinc Primer. The cost of the prime coat of the new steel will be considered completely covered by the contract unit price for the fabricated structural steel.

The color of the field coat shall be Brown (Federal Standard #30045). The cost of the intermediate field coat will be considered completely covered by the contract lump sum price for Intermediate Field Coat (System G). The cost of the finish field coat will be considered completely covered by the contract lump sum price for Finish Field Coat (System G).

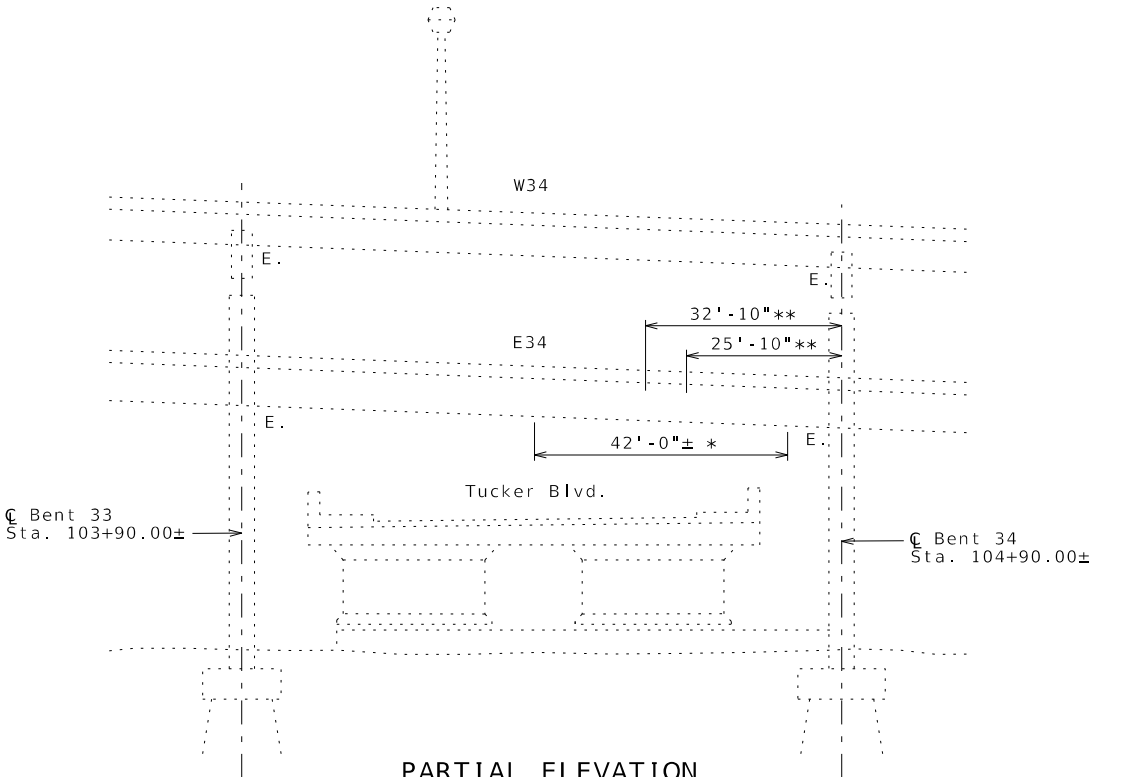
Limits of Paint Overlap: System G shall overlap the existing coating between 6 inches and 12 inches in order to achieve maximum coverage at the paint limit of each complete system near the expansion and contraction areas. The final field coating shall be masked to provide crisp, straight lines and to prevent overspray beyond the overlap required.

At the option of the contractor, the intermediate field coat and finish field coat may be applied in the shop for new steel. The contractor shall exercise extreme care during all phases of loading, hauling, handling, erection and pouring of the slab to minimize damage and shall be fully responsible for all repairs and cleaning of the coating systems as required by the engineer.

Miscellaneous:
Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.
Contractor shall verify all dimensions in field before ordering new material.

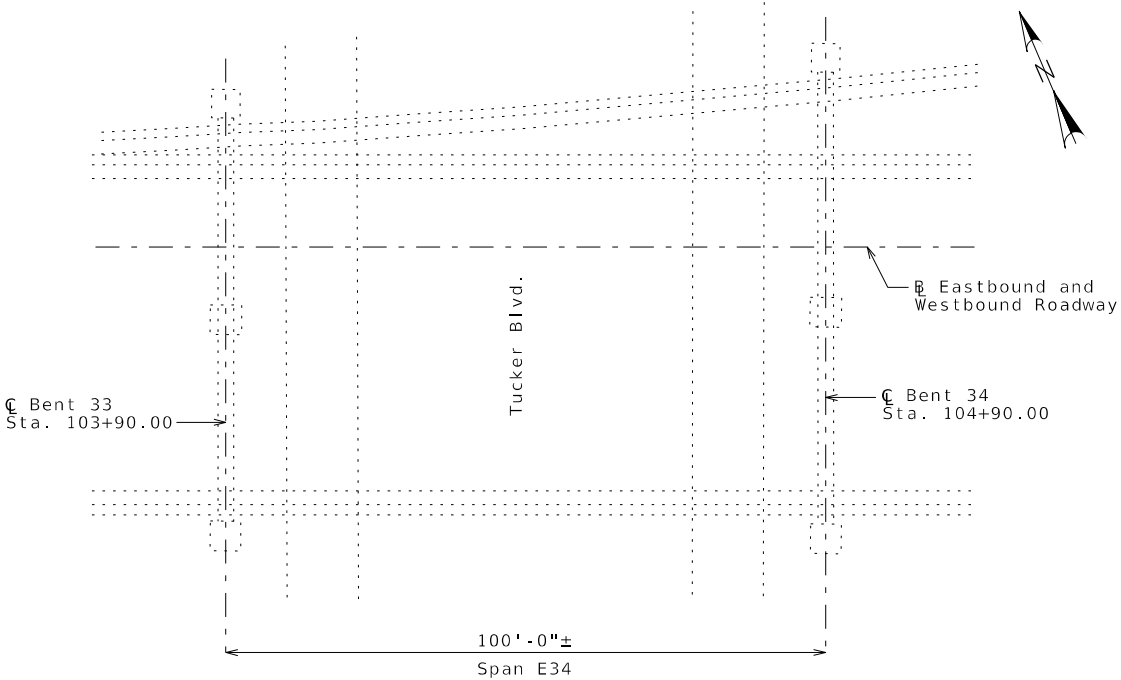


LOCATION SKETCH



PARTIAL ELEVATION

* Approximate Limits of Heat Straightening
** Approximate Impact Locations



PARTIAL PLAN

REPAIRS TO BRIDGE: ROUTE I-64 EB (MAJOR) OVER TUCKER BLVD.

ROUTE I-64 FROM JEFFERSON AVE. TO MISSISSIPPI RIVER ABOUT 0.3 MILE EAST OF JEFFERSON AVE.
STA. 93+34.00± EB (MATCH EXISTING)
(ORIGINAL CONSTRUCTION PLANS BEG. STATION SECTION 2)

Designed: January 2025
Detailed: February 2025
Checked: February 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 3



DATE
3/4/2025

DATE PREPARED
3/4/2025

ROUTE 1-64 STATE MO

DISTRICT BR SHEET NO. 1

COUNTY ST LOUIS CITY

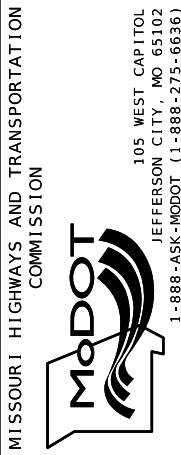
JOB NO. JSLM0066

CONTRACT ID.

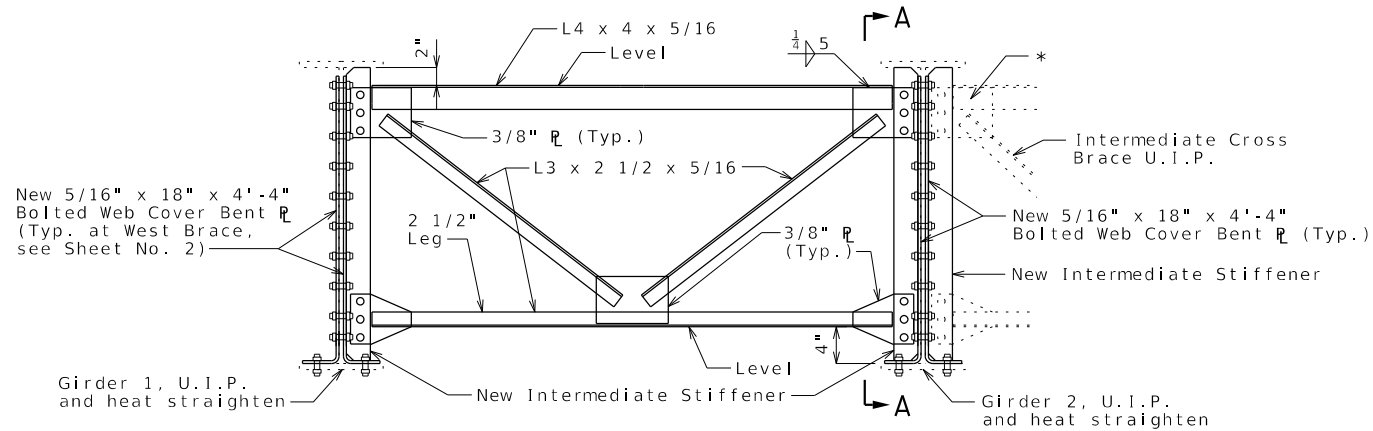
PROJECT NO.

BRIDGE NO. A150121

DESCRIPTION	DATE



I-64 EASTBOUND OVER TUCKER BLVD.
GENERAL NOTES AND QUANTITIES



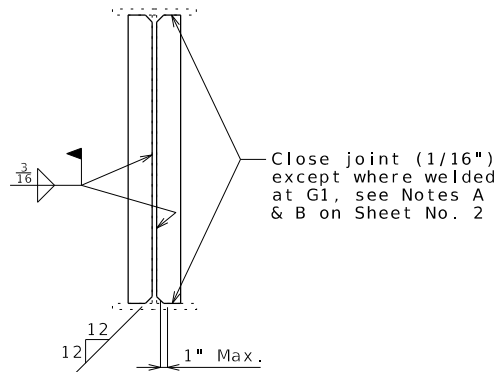
DETAIL OF NEW
INTERMEDIATE CROSS BRACE

Note:

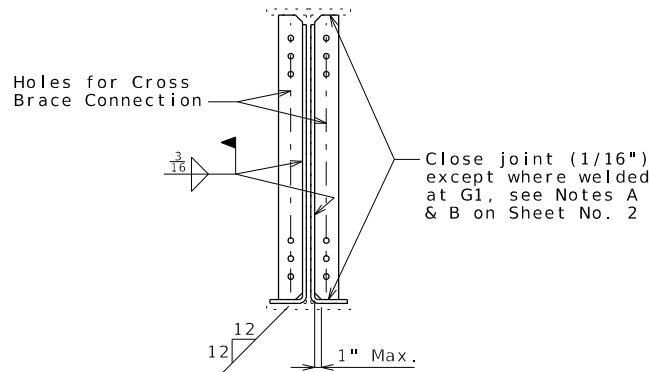
Use 3/4" High Strength Bolts for connections to girders.

* Contractor shall field slot holes in the 3/8" plates of the Intermediate Cross Brace U.I.P. to connect to the New Intermediate Stiffener at the new bolted web cover plate if required North of G2. See Job Special Provisions for Removal of Stiffeners. (Typ.)

** Contractor shall field verify existing member dimensions and thicknesses.



INTERMEDIATE STIFFENERS
(with no cross brace connection)



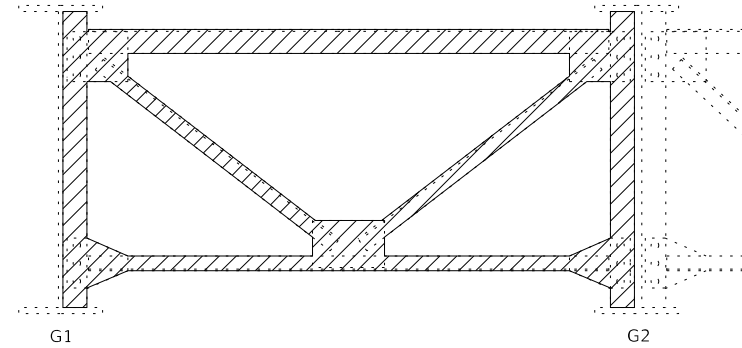
INTERMEDIATE STIFFENERS
(with cross brace connection)

Note:

Intermediate Stiffeners at Cross Braces or Cross Beams shall be vertical and parallel to the line of Cross Frames.

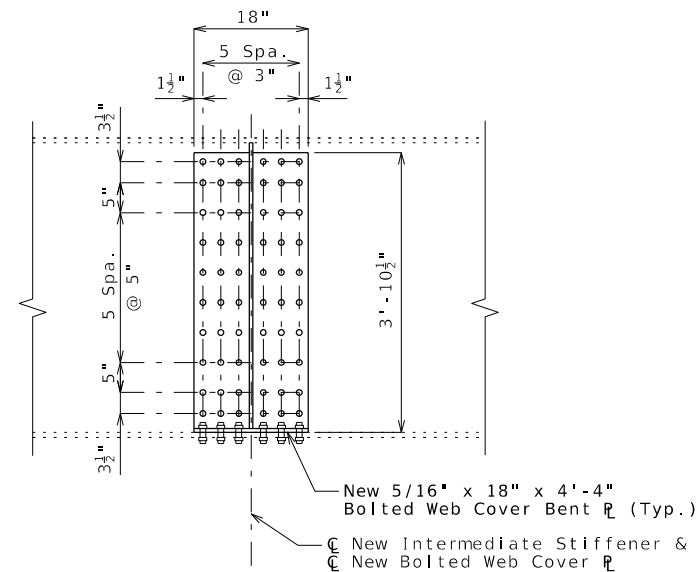
Adjust holes for Cross Brace Connections, at bolted web cover plate areas, see Sheet No. 2 and Detail of New Intermediate Cross Brace.

Interior girder shown, exterior girder is similar.



DETAIL OF INTERMEDIATE
CROSS BRACE REMOVAL

Hatched members shall be removed.



SECTION A-A

Notes:

The cost of removing the existing intermediate cross braces will be considered completely covered by the contract unit price for Removal of Intermediate Cross Brace. See Job Special Provisions.

For location of existing intermediate cross braces to be removed, see Sheet No. 2.

All new connections shall be made with 3/4"Ø high strength bolts.

Fabricated structural steel is ASTM A709 Grade 36.

Contractor shall field drill holes in existing steel to be connected to new steel.

Contact surfaces shall be in accordance with Sec 1081 for surface preparation.

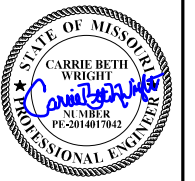
Cost of furnishing, fabricating and installing the new cross braces, plates, stiffeners, and web cover bent plates shall be completely covered by the contract unit price for Fabricated Structural Carbon Steel (Misc.).

STEEL DETAILS

Designed: January 2025
Detailed: February 2025
Checked: February 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 3 of 3



DATE
3/3/2025

DATE PREPARED
3/3/2025

ROUTE
1-64

DISTRICT
BR

STATE
MO

SHEET NO.
3

COUNTY
ST LOUIS CITY

JOB NO.
JSLM0066

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A150121

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

HORNER
SHIFRIN

401 S. 18TH ST., STE. 400 SAINT LOUIS, MO 63102-2206
314.433.1100
DISCIPLINE: PROFESSIONAL ENGINEERING
CERTIFICATE OF AUTHORITY: 000199

1-64 EASTBOUND
OVER TUCKER BLVD.

STEEL DETAILS