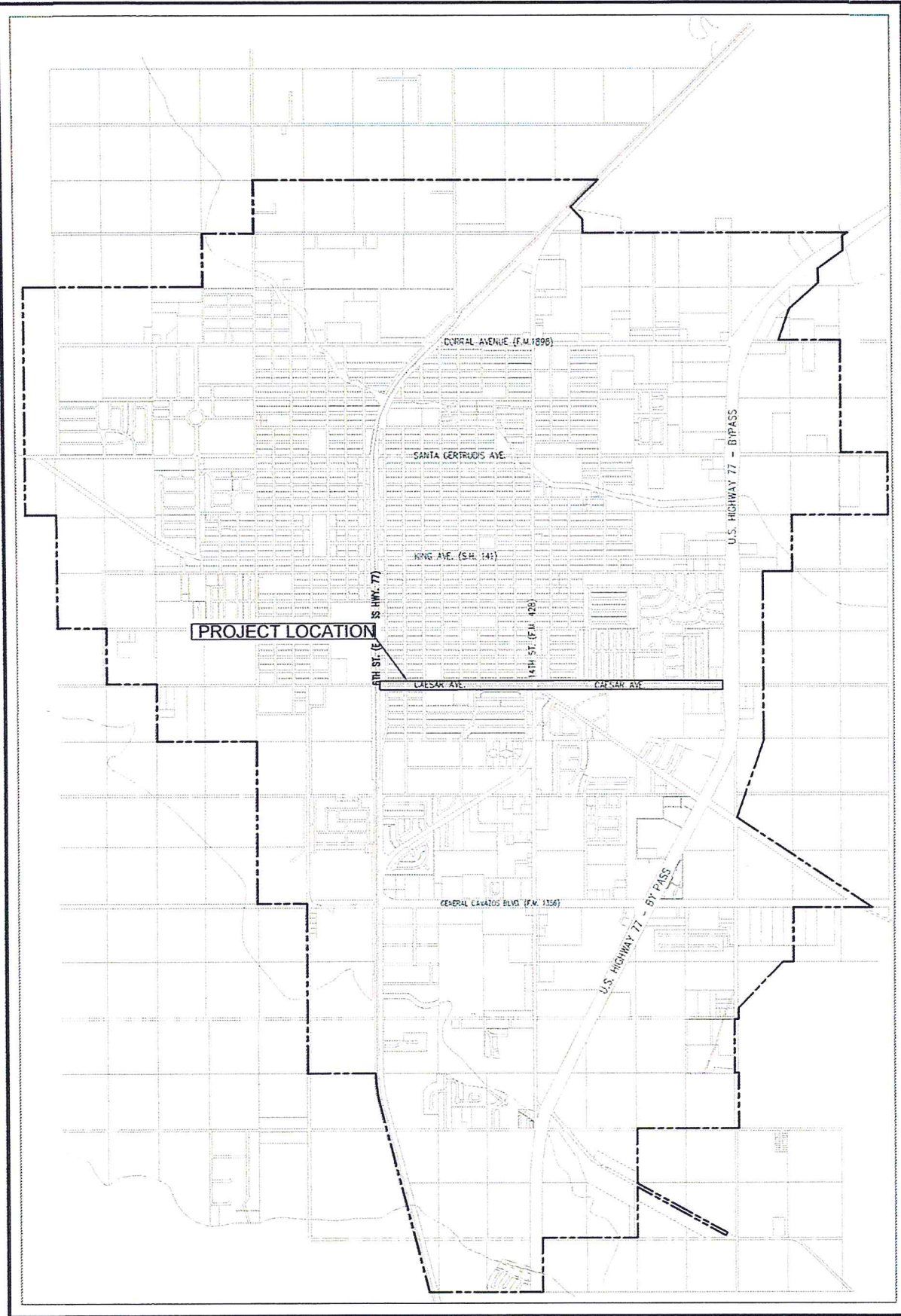


CONSTRUCTION PLANS



KINGSVILLE, TEXAS
SCALE: NOT TO SCALE

2018 E. CAESAR AVENUE STREET IMPROVEMENTS

CITY OF KINGSVILLE, TEXAS
ENGINEERING DEPT.

KINGSVILLE, TEXAS
E. CAESAR AVE.

LIMITS:

FROM: S. 6TH ST.
TO: S. 14TH ST.

FOR THE RE-CONSTRUCTION OF FLEXIBLE PAVEMENT STRUCTURE
AND RE-STRIPING OF ROADWAY.

NET LENGTH OF PROJECT = 3,685 FT. = 0.69 MI.
ROADWAY = 3,685 FT. = 0.69 MI.

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	OVERALL LAYOUT PLAN AND NOTES
3	EXISTING TYPICAL SECTIONS
4	PROPOSED TYPICAL SECTIONS - BASE BID
5	PROPOSED TYPICAL SECTIONS - ALTERNATIVE BID No I
6-11	PROPOSED PAVEMENT REPAIRS AND IMPROVEMENTS
12	SUMMARY OF MANHOLE ADJUSTMENTS & DETAIL
13	TRAFFIC CONTROL PLAN - ADVANCED WARNING & GENERAL NOTES
14	TRAFFIC CONTROL PLAN PHASE I
15	TRAFFIC CONTROL PLAN PHASE II
16	SUMMARY OF PAVEMENT MARKINGS
17-22	PROPOSED PAVEMENT MARKINGS - BASE BID
23-30	PROPOSED PAVEMENT MARKINGS - ALTERNATIVE BID No II
31-33	EC(9)-16
34	PM(1)-12
35	PM(2)-12
36-41	TCP(1-1)-12 TO TCP(1-6)-12
42-53	BC(1)-14 TO BC(12)-14

MAYOR
SAM FUGATE

CITY MANAGER
JESUS A. GARZA

CITY ENGINEER
RUTILIO P. MORA, JR., P.E.



Rutilio P. Mora Jr.
11/3/19

CITY COMMISSIONERS
HECTOR M. HINOJOSA
DIANNE LEUBERT
ARTURO PECOS
EDNA LOPEZ

Drawn by: R. TOVAR

Date: 9/10/2018

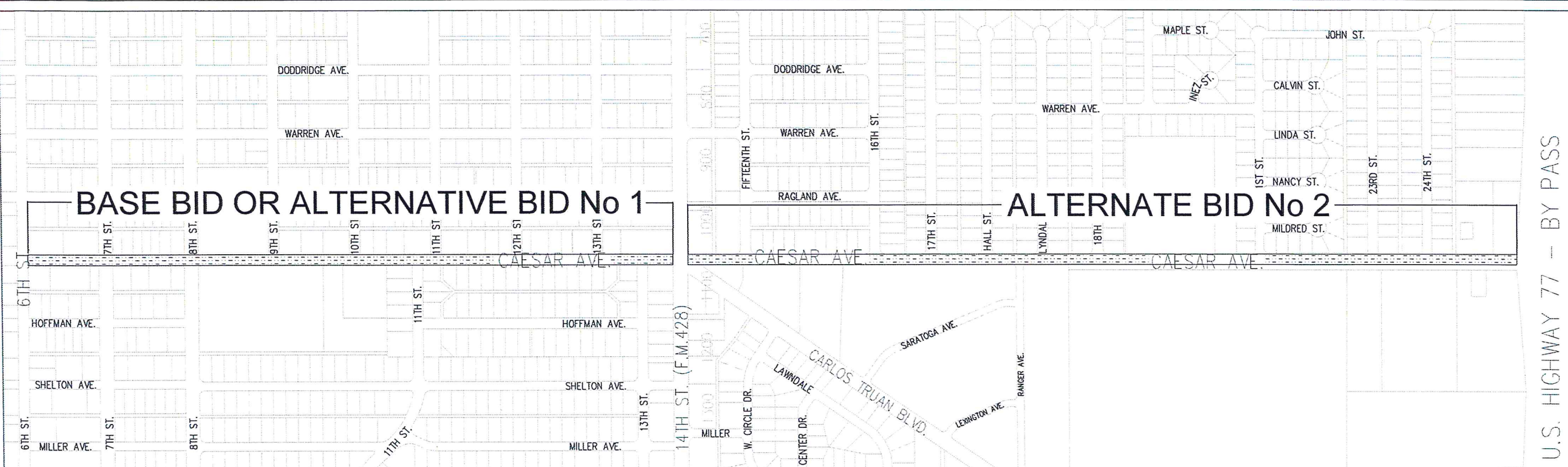
Checked by: R. MORA

Job:

Scale: N.T.S.

COVER SHEET
2018 E. CAESAR AVENUE
STREET IMPROVEMENTS





U.S. HIGHWAY 77 - BY PASS

GENERAL CONSTRUCTION NOTES

- 1) ALL IMPROVEMENTS TO BE IN ACCORDANCE WITH CITY OF KINGSVILLE CODES.
- 2) CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING FACILITIES PRIOR TO CONSTRUCTION.
- 3) CONTRACTOR TO PLAN AND PERFORM HIS WORK IN A MANNER THAT WILL PERMIT SAFE PUBLIC TRAFFIC MOVEMENT ON ALL STREETS.
- 4) TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO BE IN ACCORDANCE WITH SPECIFICATIONS.
- 5) CONTRACTOR SHALL PROVIDE PROTECTIVE DEVICES SUCH AS SIGNS, LIGHTS, AND SIGNALS FOR THE SAFETY OF THE PUBLIC AND WORKERS, AS REQUIRED, AND AS DIRECTED BY CITY INSPECTOR.
- 6) CONTRACTOR TO BE RESPONSIBLE FOR PROTECTION AND/OR SAFETY OF THE WORK SITE, WORKERS, SUBCONTRACTORS, MATERIALS AND/OR EQUIPMENT.
- 7) CONSTRUCTION STAKING SHALL BE PROVIDED BY THE CONTRACTOR AND AT CONTRACTOR'S EXPENSE. BASE LINES ARE STAKED AS SHOWN ON PLANS. ALL DIMENSIONS ARE TO BACK OF CURBS UNLESS SHOWN OTHERWISE.
- 8) MATERIAL TESTING SHALL BE PROVIDED BY THE CITY OF KINGSVILLE. RE-TEST DUE TO FAILURES TO BE AT CONTRACTOR'S EXPENSE.
- 9) CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY THE CITY ENGINEERING OFFICE PRIOR TO CONSTRUCTION. CONTRACTOR MAY CLOSE STREETS TO THRU TRAFFIC IN 1000' INCREMENTS AS LONG AS ACCESS IS MAINTAINED TO ALL RESIDENCES, BUSINESSES, & ADJOINING STREETS. TRAFFIC CONTROL PLAN WILL BE IN ACCORDANCE WITH TXDOT'S B&C SHEETS 1 THRU 12 AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 10) CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND AT CONTRACTOR'S EXPENSE.
- 11) ANY DAMAGE TO EXISTING PAVEMENT, DRAINAGE OR EXISTING STRUCTURES SHALL BE REPAIRED TO PRE-CONSTRUCTION CONDITION AT CONTRACTOR'S EXPENSE.
- 13) CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSONS IN CHARGE OF PRIVATE AND PUBLIC UTILITIES AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK. NOTIFY TEXAS ONE CALL FOR UTILITY LOCATIONS PRIOR TO ANY & ALL EXCAVATIONS. COORDINATION OF ALL RELOCATION OF UTILITY POLES, ECT. TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 14) CONTRACTOR TO COORDINATE WITH THE CITY OF KINGSVILLE ON WORK SCHEDULES, TESTING, GENERAL INSPECTION, AND EXISTING LINES.
- 15) CONTRACTOR TO EXERCISE CAUTION WHEN WORKING NEAR EXISTING FACILITIES AND/OR UTILITIES. ALL DAMAGE TO BE REPAIRED AT CONTRACTOR'S EXPENSE. ALL COSTS FOR INTERRUPTION OF GAS, ELECTRICAL, COMMUNICATIONS AND/OR WATER SERVICE DUE TO CONTRACTOR'S WORK SHALL BE BORNE BY THE CONTRACTOR.
- 16) INFORMATION ON EXISTING UTILITIES IS FROM BEST AVAILABLE INFORMATION OF RECORD AND SPOT FIELD LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATION OF THESE UNDERGROUND UTILITIES AS REQUIRED AT NO SEPARATE PAY. CITY OF KINGSVILLE PERSONNEL WILL BE AVAILABLE FOR ASSISTANCE AND OPERATION OF VALVES AS REQUIRED. CONTRACTOR TO COORDINATE WITH OTHER UTILITY COMPANIES, INCLUDING CPL ON ELECTRICAL UTILITIES, ENTEX ON GAS UTILITIES AND SOUTHWESTERN BELL ON TELEPHONE UTILITIES.
- 17) ALL SPOIL MATERIAL AND DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR. FURNISHING AND TRANSPORTATION OF ALL OFFSITE MATERIAL TO BE AT CONTRACTOR'S EXPENSE.
- 18) UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONTOURS UNLESS DIFFERENT FINISHED ELEVATIONS ARE SHOWN ON PLANS. CONTRACTOR TO INSURE NO AREAS OF PONDING ARE PRESENT.
- 19) CONTRACTOR TO INSURE SAME DAY ACCESS TO SCHOOL, ALL RESIDENCES AND BUSINESSES ADJACENT TO CONSTRUCTION.
- 20) DEMOLITION, REMOVAL & DISPOSAL OF ALL EXCESS CONCRETE, CURBS, RUBBLE, ETC. TO BE AT CONTRACTOR'S EXPENSE.
- 21) STREET & SUBGRADE EXCAVATION TO BE THE PROPERTY OF THE CITY AND TO BE STOCK PILED AT THE CITY OF KINGSVILLE LANDFILL AS DIRECTED BY THE CITY REPRESENTATIVE.



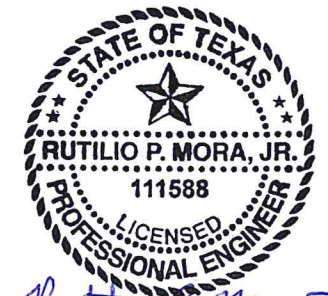
OVERALL LAYOUT PLAN
SCALE: NOT TO SCALE

PAVING CONSTRUCTION NOTES

- 1) HOT MIX ASPHALT CONCRETE TO BE IN ACCORDANCE WITH SPECIFICATION TYPE "D". PRIMER COAT IS REQUIRED OVER FINISH COMPACTED MATERIAL. THE TACK COAT OR ASPHALTIC CONCRETE SHALL NOT BE APPLIED ON A PREVIOUSLY PRIMED FLEXIBLE BASE UNTIL THE PRIMED BASE HAS COMPLETELY CURED TO THE SATISFACTION OF THE ENGINEER. BEFORE THE TACK COAT IS LAID, THE SURFACE SHALL BE THOROUGHLY CLEANED TO THE INSPECTOR'S SATISFACTION. THE SURFACE SHALL BE GIVEN A UNIFORM APPLICATION OF TACK COAT. TACK COAT SHALL BE ROLLED WITH A PNEUMATIC TIRE ROLLER AS NECESSARY.
- 2) SUBGRADE EXCAVATION AND RECOMPACTION TO BE INCLUDED IN PRICE BID PER SQUARE YARD FOR "LIME - TREATED SUBGRADE."
- 3) NO TRAFFIC SHALL BE ALLOWED ON THE FINISHED WEARING SURFACE UNTIL AT LEAST 12 HOURS AFTER COMPLETION OF ROLLING.
- 4) HOT MIX ASPHALT CONCRETE TRANSPORT TRUCKS TO BE EQUIPPED WITH CANVAS COVERS TO BE UTILIZED DURING MATERIAL HAULING. MATERIAL DELIVERED TO SITE AT IMPROPER TEMPERATURE SHALL BE REJECTED. HOT MIX SHALL BE LAID AT A MINIMUM TEMPERATURE OF 350F.

NOTES
LEGEND

- DETAIL No
- PAGE No



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1/3/19

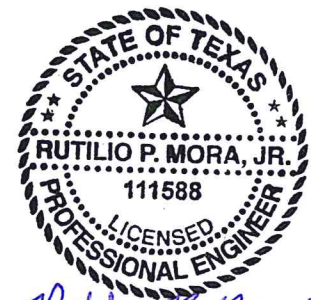
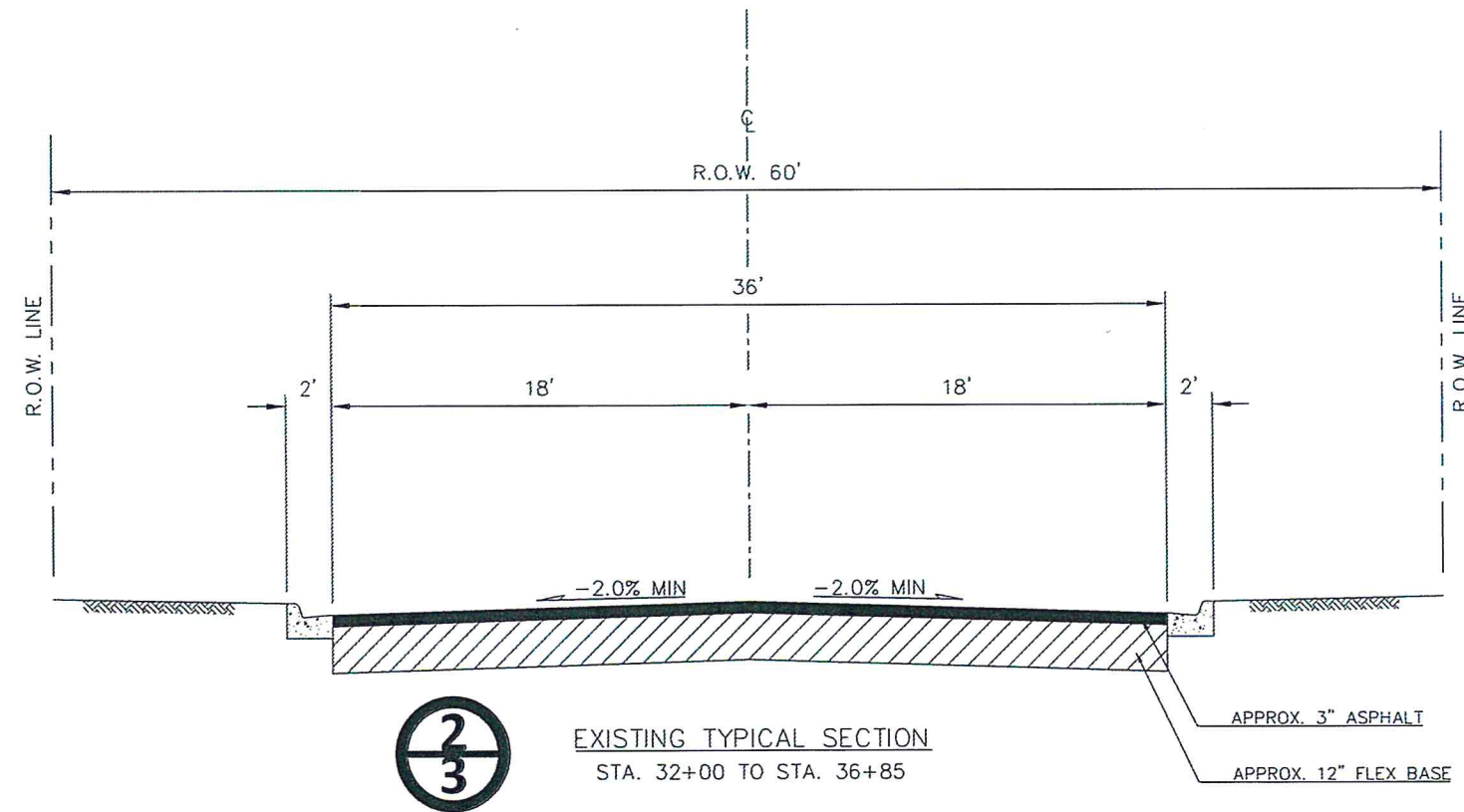
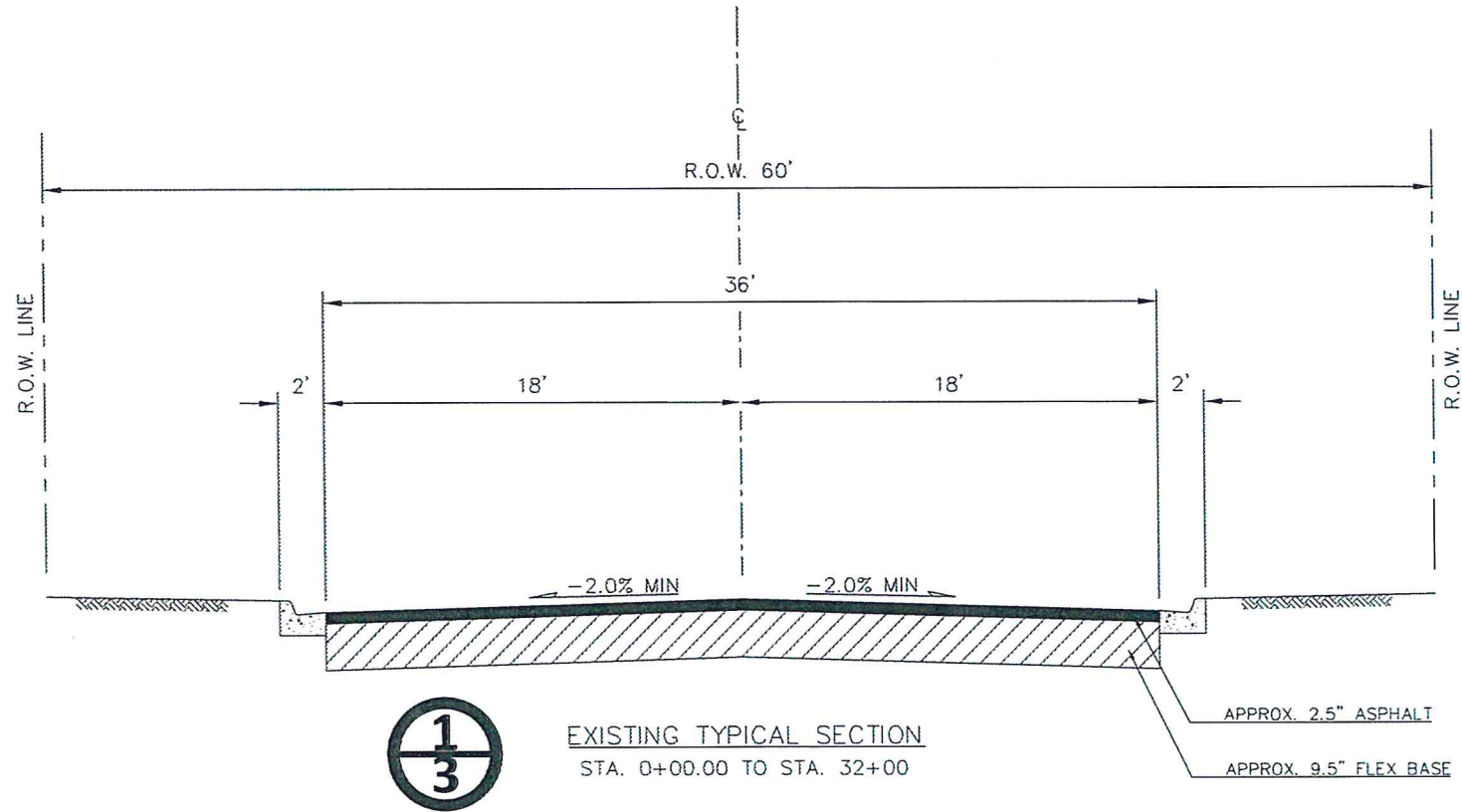
OVERALL LAYOUT PLAN AND NOTES

2018 E. CAESAR AVENUE
STREET IMPROVEMENTS

Drawn by: R. TOVAR
Date: 9/10/2018
Checked by: R. MORA
Job:
Scale: N.T.S.

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EXISTING TYPICAL SECTIONS

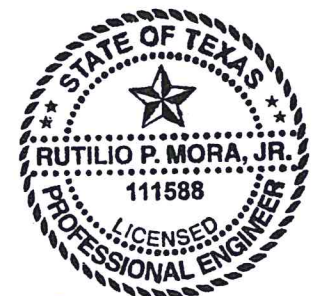
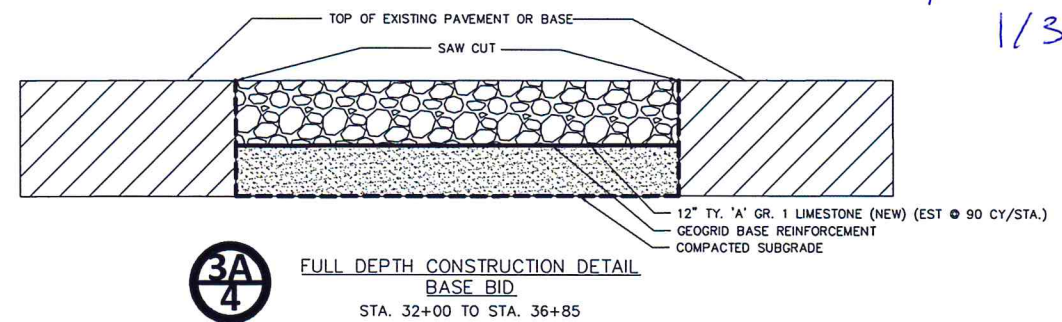
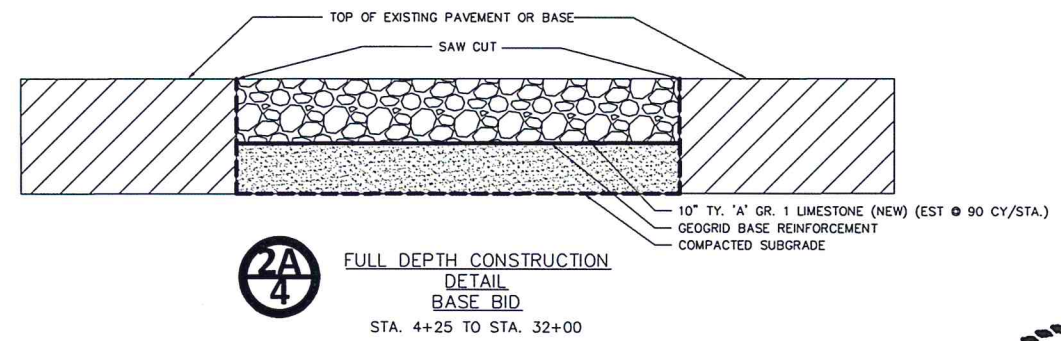
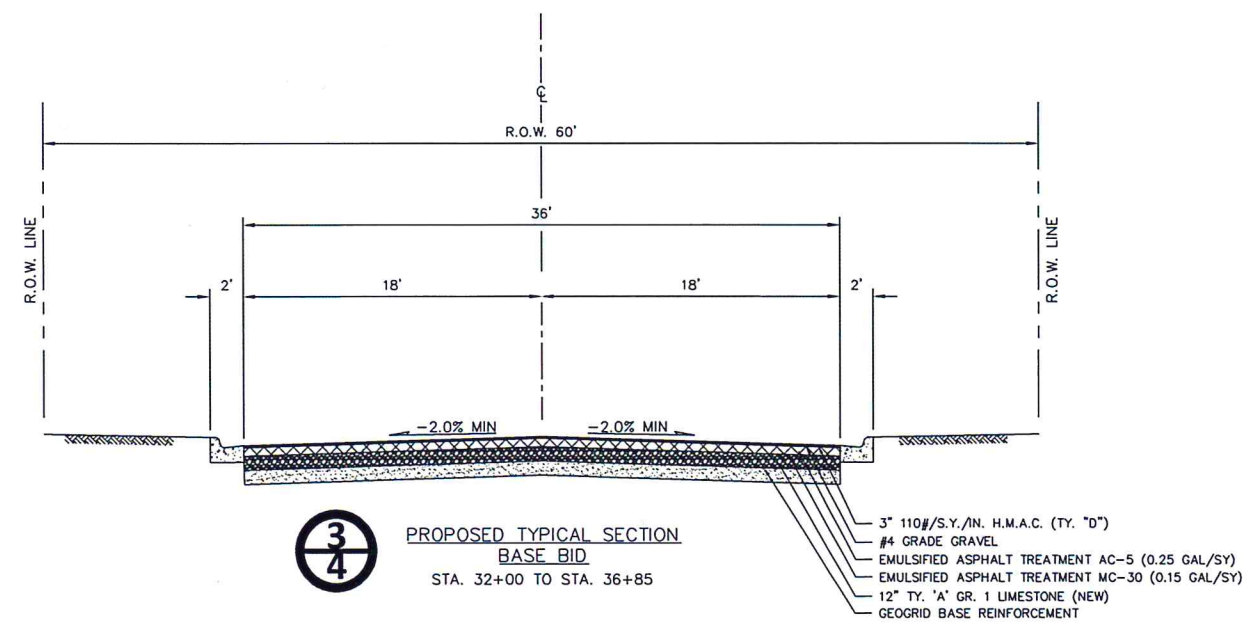
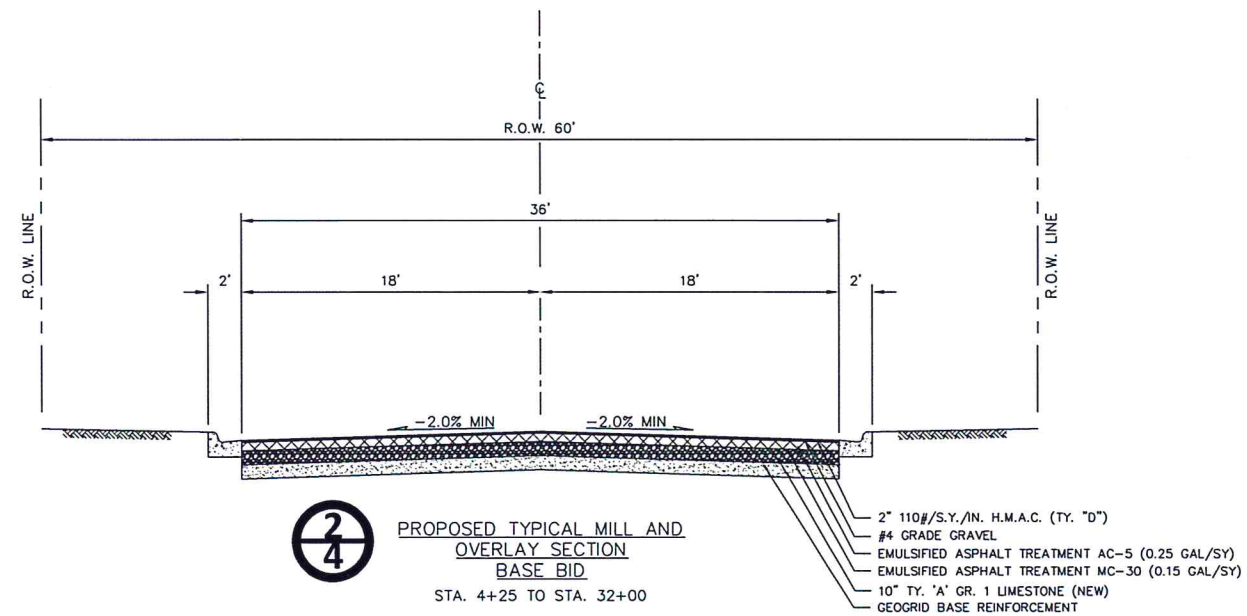
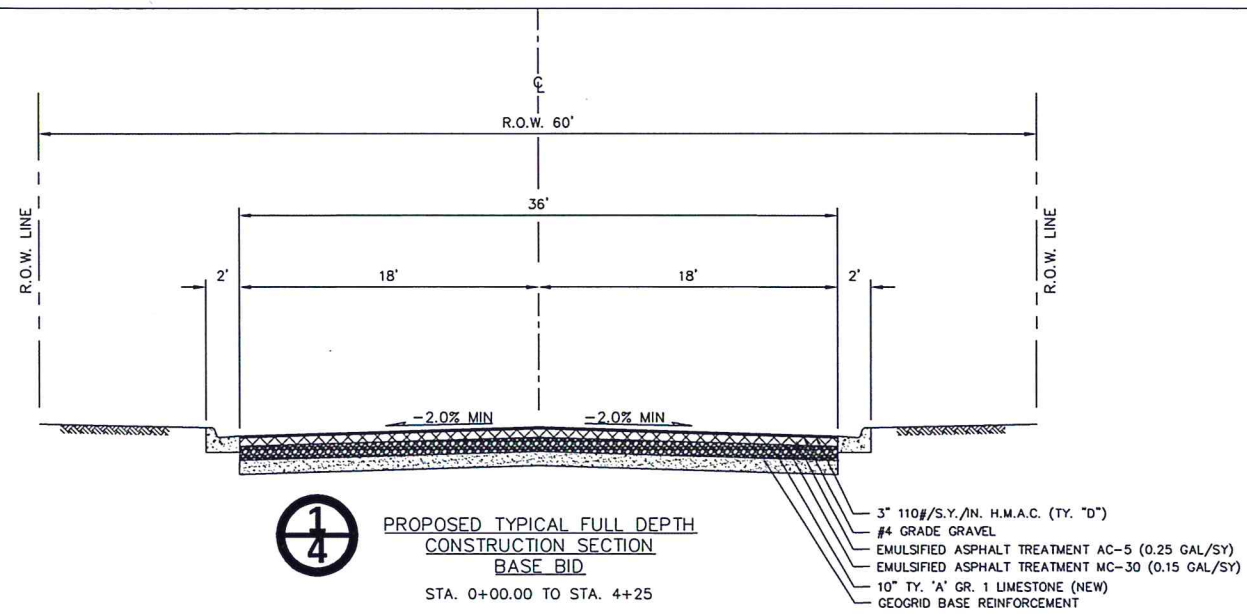
2018 E. CAESAR AVENUE

STREET IMPROVEMENTS

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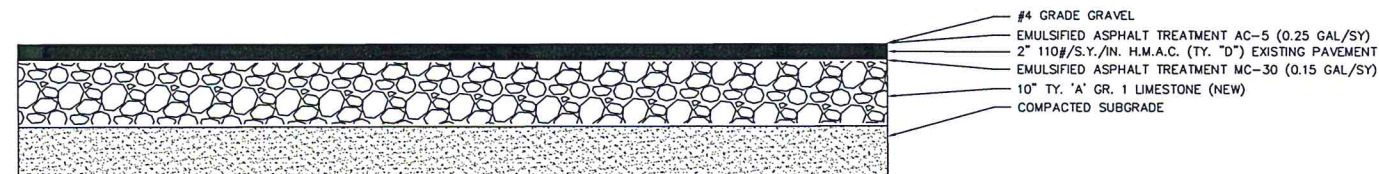
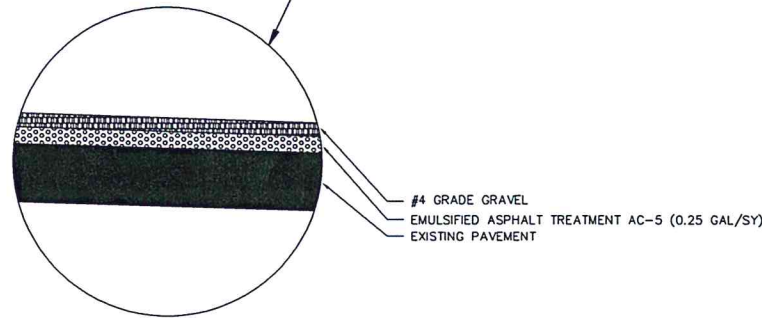
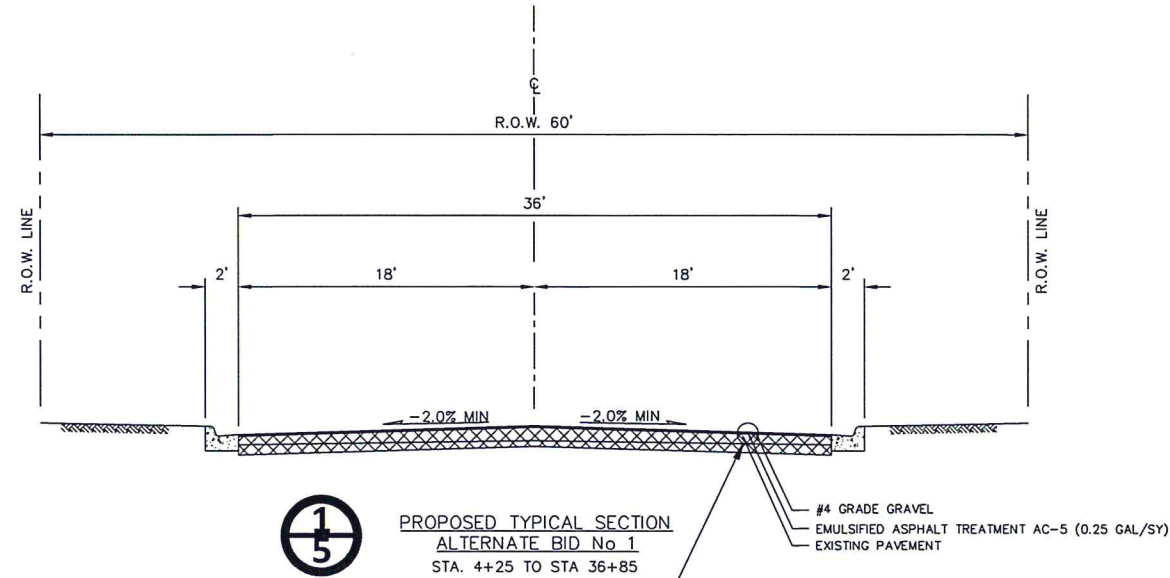


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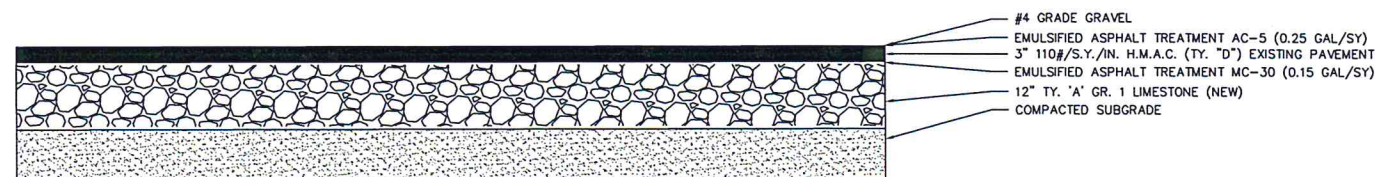


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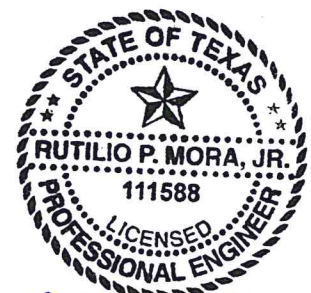
PROPOSED TYPICAL SECTIONS
2018 E. CAESAR AVENUE
STREET IMPROVEMENTS



2
FULL DEPTH CONSTRUCTION
DETAIL
BASE BID
STA. 4+25 TO STA. 32+00



3
FULL DEPTH CONSTRUCTION DETAIL
BASE BID
STA. 32+00 TO STA. 36+85

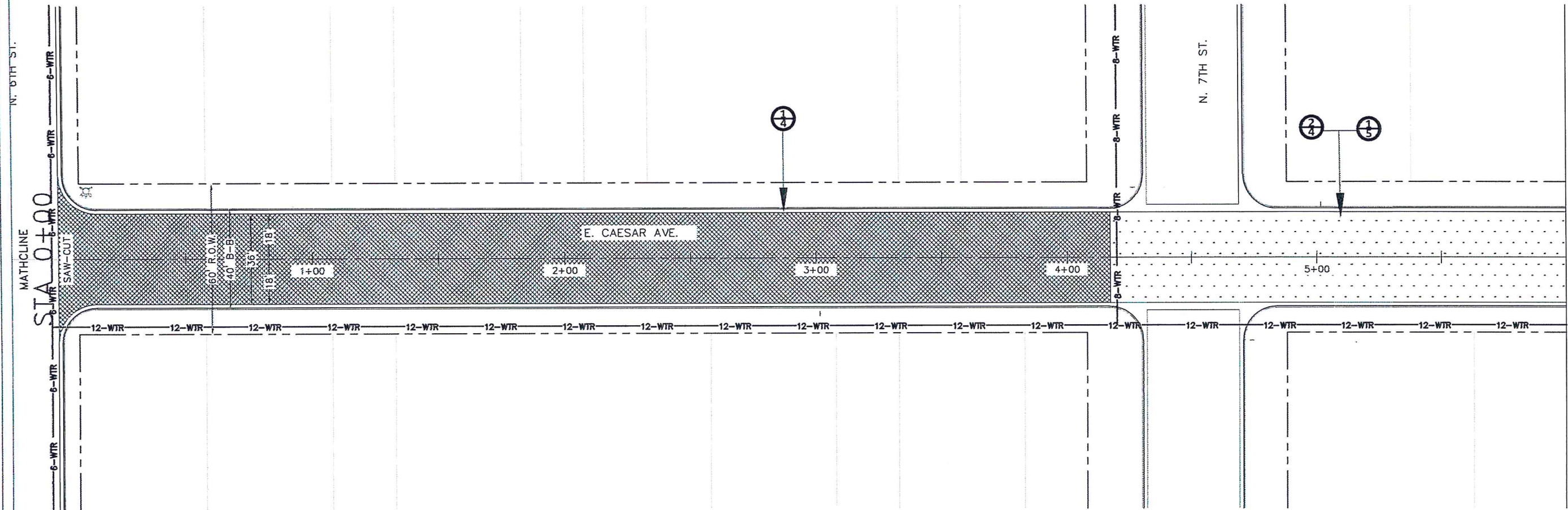


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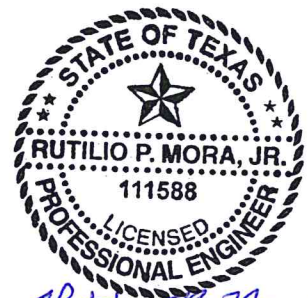
PROPOSED TYPICAL SECTIONS
ALTERNATIVE BID OPTION
2018 E. CAESAR AVENUE
STREET IMPROVEMENTS



PAVEMENT REPAIRS

SCALE: 1"=50'

- ### LEGEND
- MILL OVERLAY (BASE BID) OR SEAL COAT (ALTERNATE BID No 1)
 - FULL DEPTH CONSTRUCTION
 - EXISTING 12" WATER LINE
 - EXISTING 8" WATER LINE
 - EXISTING 6" WATER LINE
 - EXISTING 18" SEWER LINE
 - EXISTING 8" SEWER LINE
 - RIGHT OF WAY
 - BACK OF CURB
 - FRONT OF CURB
 - GUTTER
 - EXISTING FIRE HYDRANTS
 - EXISTING SEWER MANHOLES



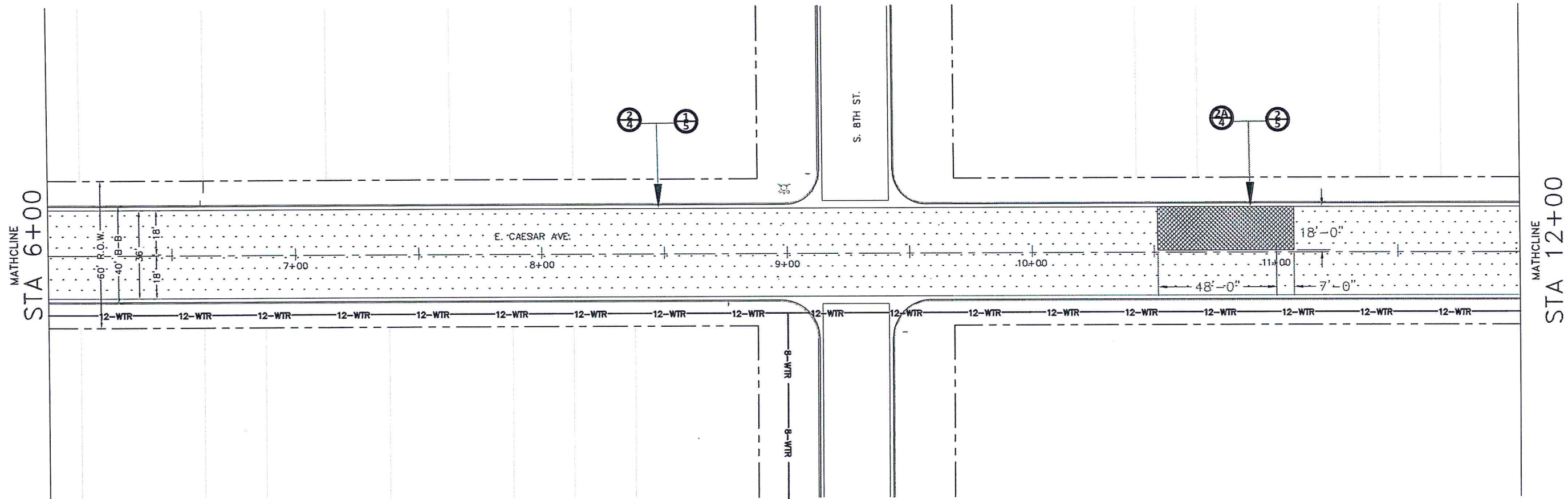
Rutilio P. Mora, Jr.
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Checked by: R. MORA
Job:
Scale: 1" = 50'

PROPOSED PAVEMENT REPAIRS AND IMPROVEMENTS 2018 E. CAESAR AVENUE STREET IMPROVEMENTS



PAVEMENT REPAIRS SCALE: 1"=50'

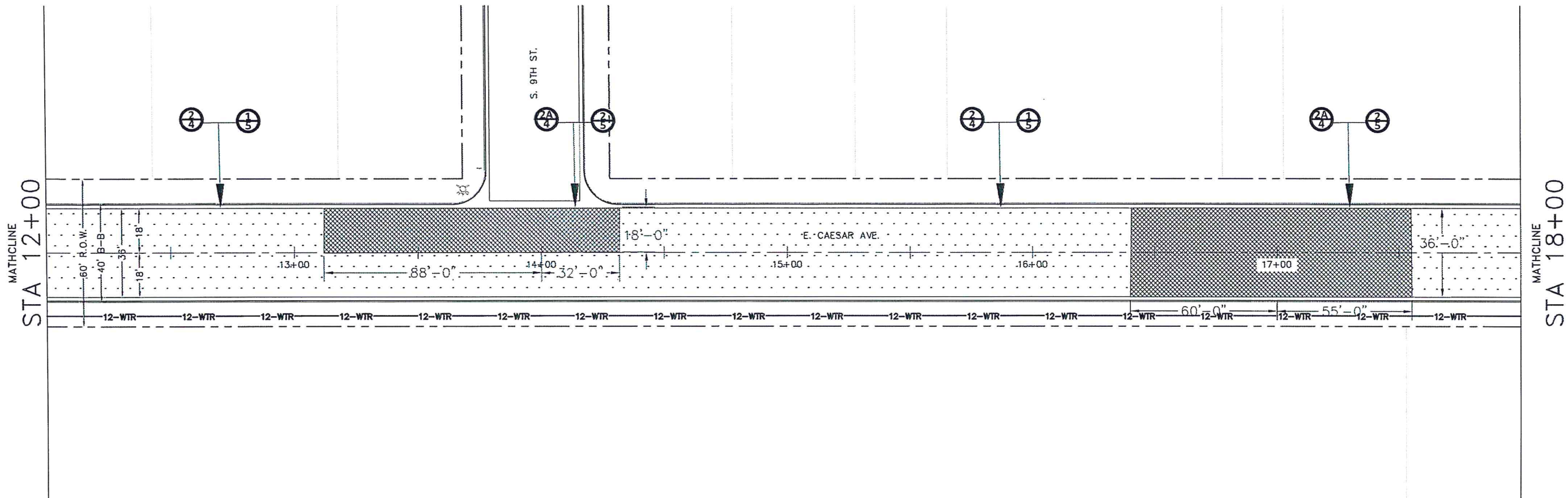
LEGEND

- MILL OVERLAY (BASE BID) OR SEAL COAT (ALTERNATE BID No 1)
- FULL DEPTH CONSTRUCTION
- EXISTING 12" WATER LINE
- EXISTING 8" WATER LINE
- EXISTING 6" WATER LINE
- EXISTING 18" SEWER LINE
- EXISTING 8" SEWER LINE
- RIGHT OF WAY
- BACK OF CURB
- FRONT OF CURB
- GUTTER
- EXISTING FIRE HYDRANTS
- EXISTING SEWER MANHOLES



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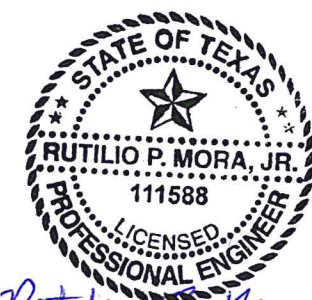


PAVEMENT REPAIRS

SCALE: 1"=50'

LEGEND

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- EXISTING 12" WATER LINE
- EXISTING 8" WATER LINE
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- FRONT OF CURB
- GUTTER
- EXISTING FIRE HYDRANTS
- EXISTING SEWER MANHOLES



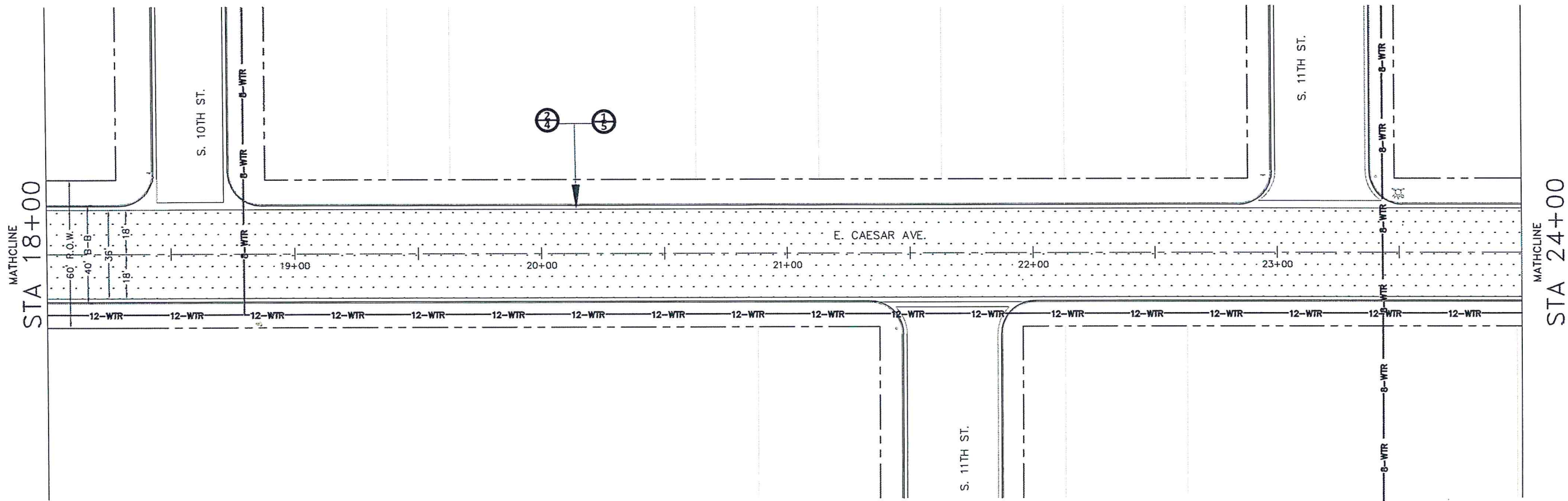
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PROPOSED PAVEMENT REPAIRS AND IMPROVEMENTS 2018 E. CAESAR AVENUE STREET IMPROVEMENTS

Drawn by: R. TOVAR
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Checked by: R. MORA
Job:
Scale: 1" = 50'

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PAVEMENT REPAIRS

SCALE: 1"=50'

LEGEND

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- FULL DEPTH CONSTRUCTION
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- EXISTING 6" WATER LINE
- EXISTING 18" SEWER LINE
- EXISTING 8" SEWER LINE
- RIGHT OF WAY
- BACK OF CURB
- FRONT OF CURB
- GUTTER
- EXISTING FIRE HYDRANTS
- EXISTING SEWER MANHOLES

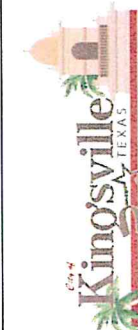


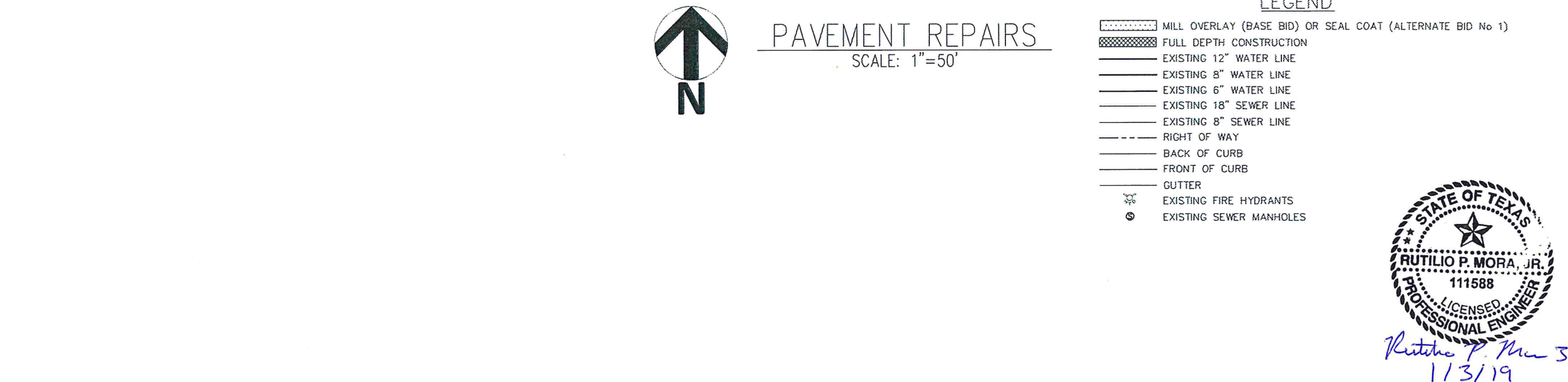
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1/31/19

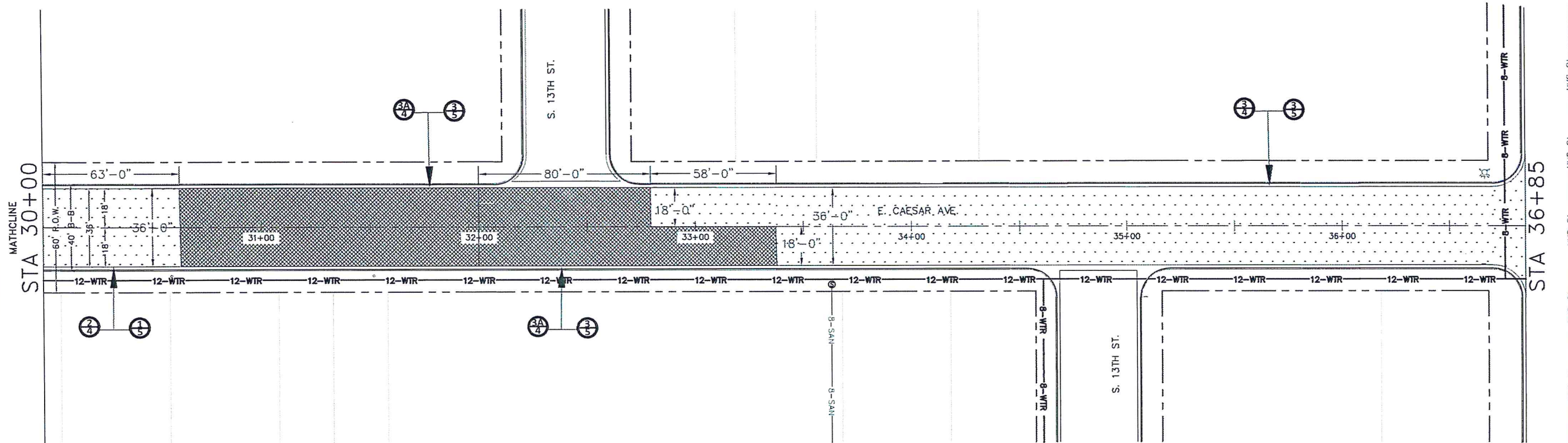
PROPOSED PAVEMENT REPAIRS AND IMPROVEMENTS 2018 E. CAESAR AVENUE STREET IMPROVEMENTS

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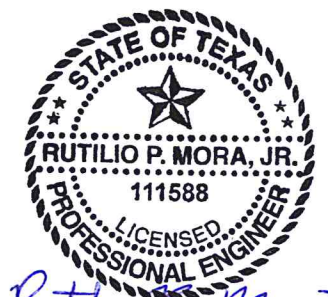






PAVEMENT REPAIRS SCALE: 1"=50'

- LEGEND**
- MILL OVERLAY (BASE BID) OR SEAL COAT (ALTERNATE BID No 1)
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 - EXISTING SEWER MANHOLES



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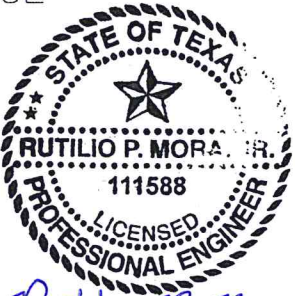
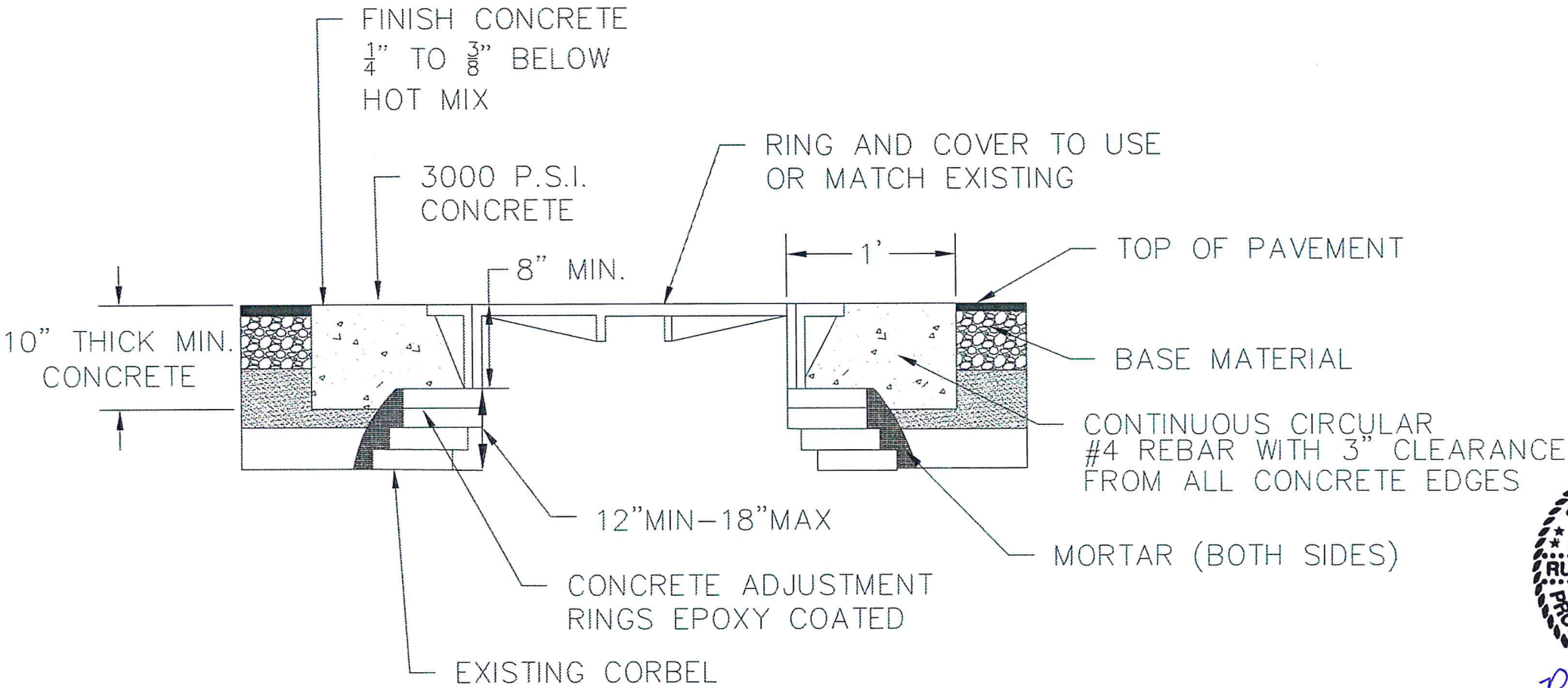
PROPOSED PAVEMENT REPAIRS AND IMPROVEMENTS 2018 E. CAESAR AVENUE STREET IMPROVEMENTS

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MANHOLE ADJUSTMENT DETAIL



Rutilio P. Mora
1/3/19

SUMMARY OF MANHOLE & VALVE ADJUSTMENTS					
STATION	LOCATION		DESCRIPTION	VALVE BOXES	MANHOLES
33+60.65	3.28'	RT	SANITARY SEWER	0	1
TOTAL				0	1

FOR CONTRACTOR'S INFORMATION ONLY

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Scale: N.T.S.

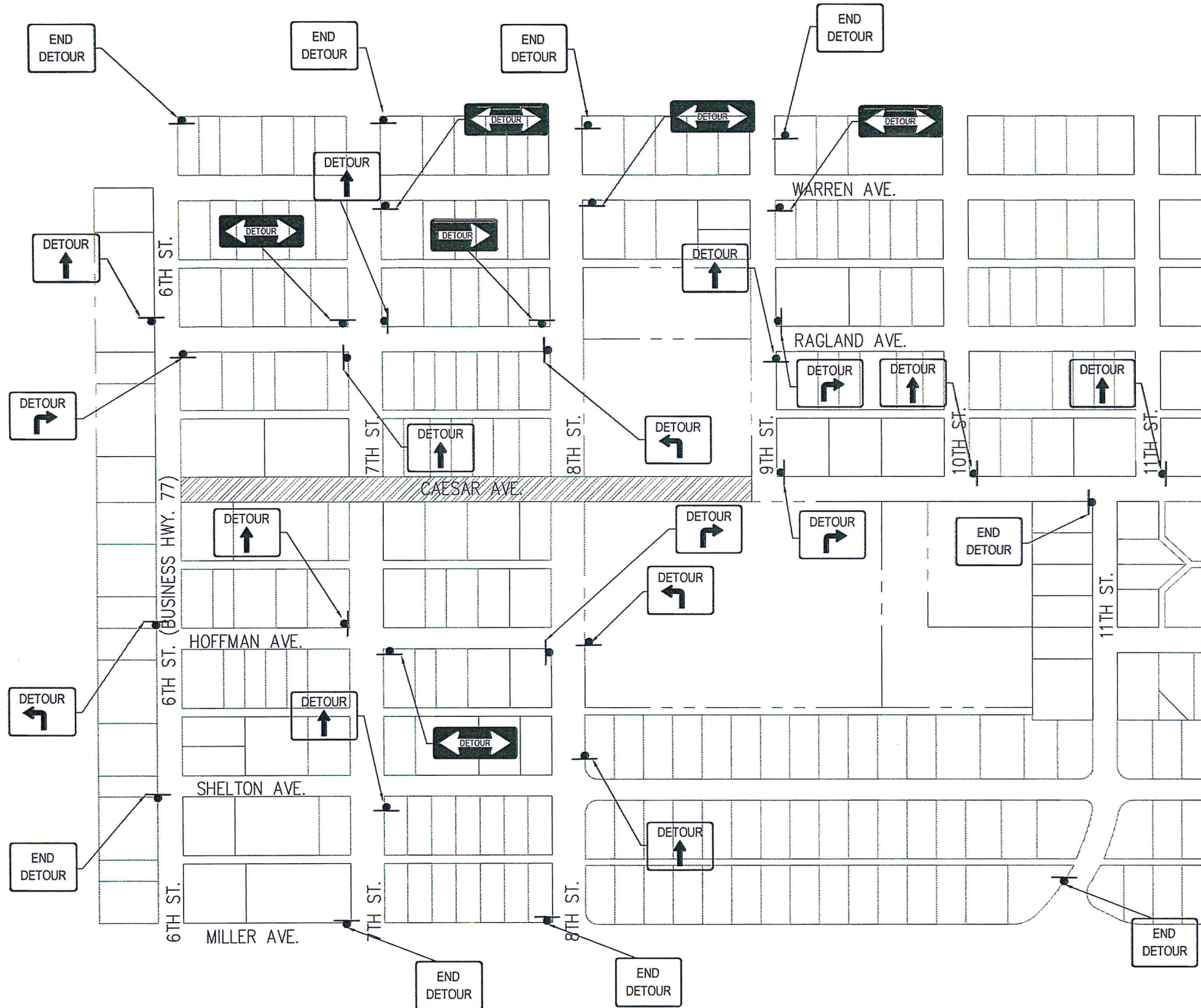
SUMMARY OF MANHOLE
ADJUSTMENTS AND DETAIL

2018 E. CAESAR AVENUE
STREET IMPROVEMENTS

PAGE
12

TRAFFIC CONTROL – DETOUR PLAN PHASE I

NOTE: THIS SAME BARRICADE SET-UP IS TO BE USED
IN PHASE I AND III.



LEGEND

SYMBOL	DESCRIPTION	QTY.
	CONSTRUCTION LIMITS	STA. 0+00 TO STA. 13+80
	M4-10	5
	M4-10R	1
	M4-10L	0
	M4-9s	8
	M4-9TL	3
	M4-9TR	4
	M4-8a	9
	TY III BARRICADE	24
	R11-5(16)*	0

