

AGENCY CONTACTS

STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
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MODESTO IRRIGATION DISTRICT
(IRRIGATION)
1231 ELEVENTH STREET
MODESTO, CA 95354
CONTACT: SEYLIN SAVY
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MODESTO, CA 95354
CONTACT: SHARON DINELL
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6505 TAM O'SHANter DR
STOCKTON, CA 95210
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MODESTO IRRIGATION DISTRICT
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1231 ELEVENTH STREET
MODESTO, CA 95354
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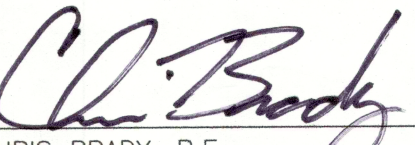
O'DELL ENGINEERING (CIVIL ENGINEER)
1165 SCENIC DR, SUITE A
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PHONE: (209) 571-1765

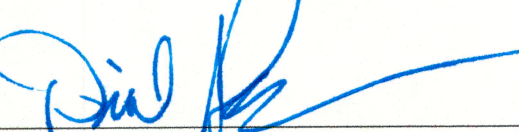
COUNTY ENGINEER'S APPROVAL

APPROVAL OF THESE PLANS DOES NOT RELEASE THE CONTRACTOR OF RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS OR OMISSIONS CONTAINED HEREIN. IF DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS, PUBLIC INTEREST REQUIRES A MODIFICATION OF OR DEPARTURE FROM THE COUNTY SPECIFICATIONS OR THESE IMPROVEMENTS PLANS, THE COUNTY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUCH MODIFICATIONS OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.


THERON ROSCHEN, P.E. PROJECT MANAGER
RCE 45417 EXP SEPTEMBER 30, 2020

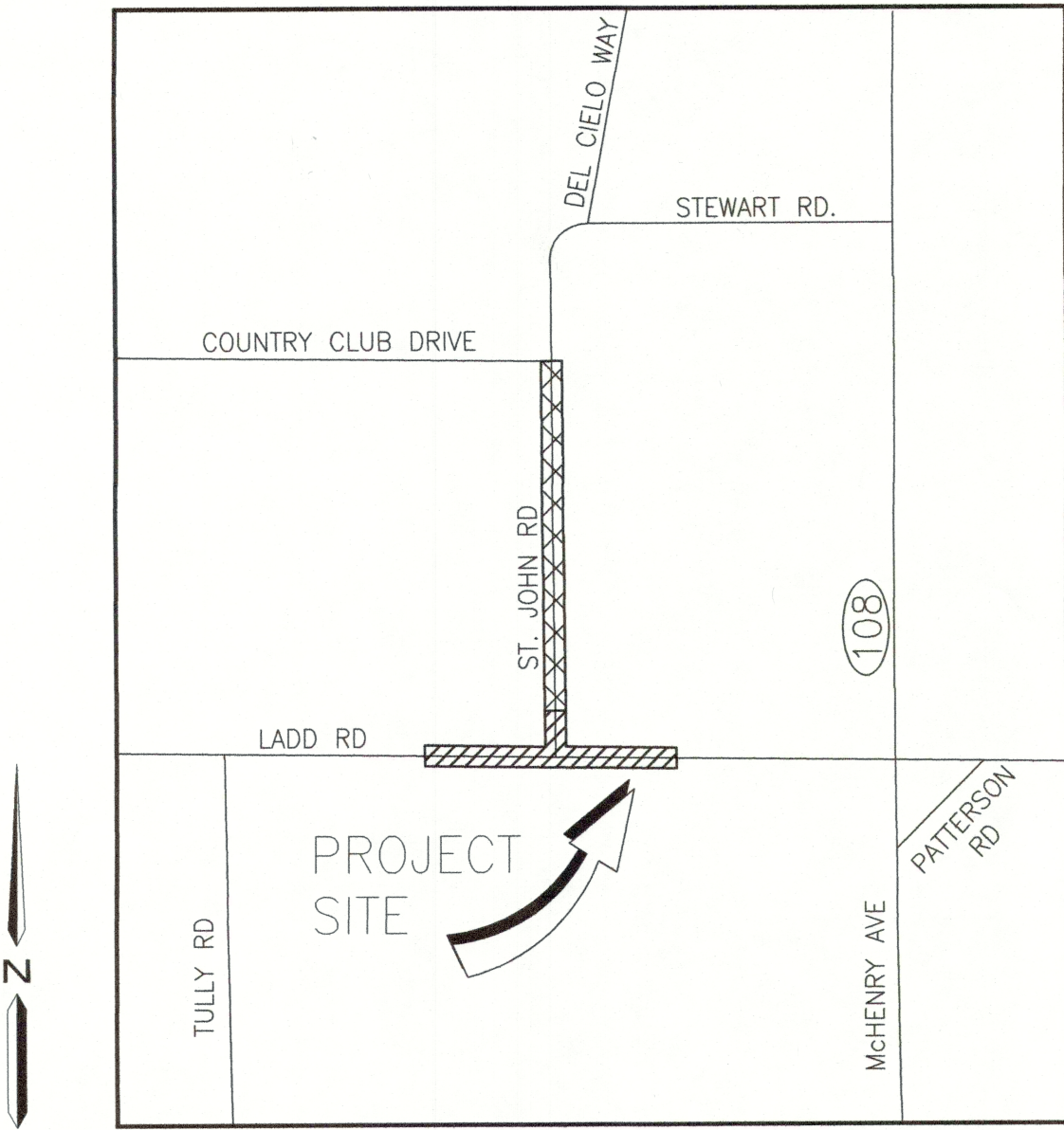
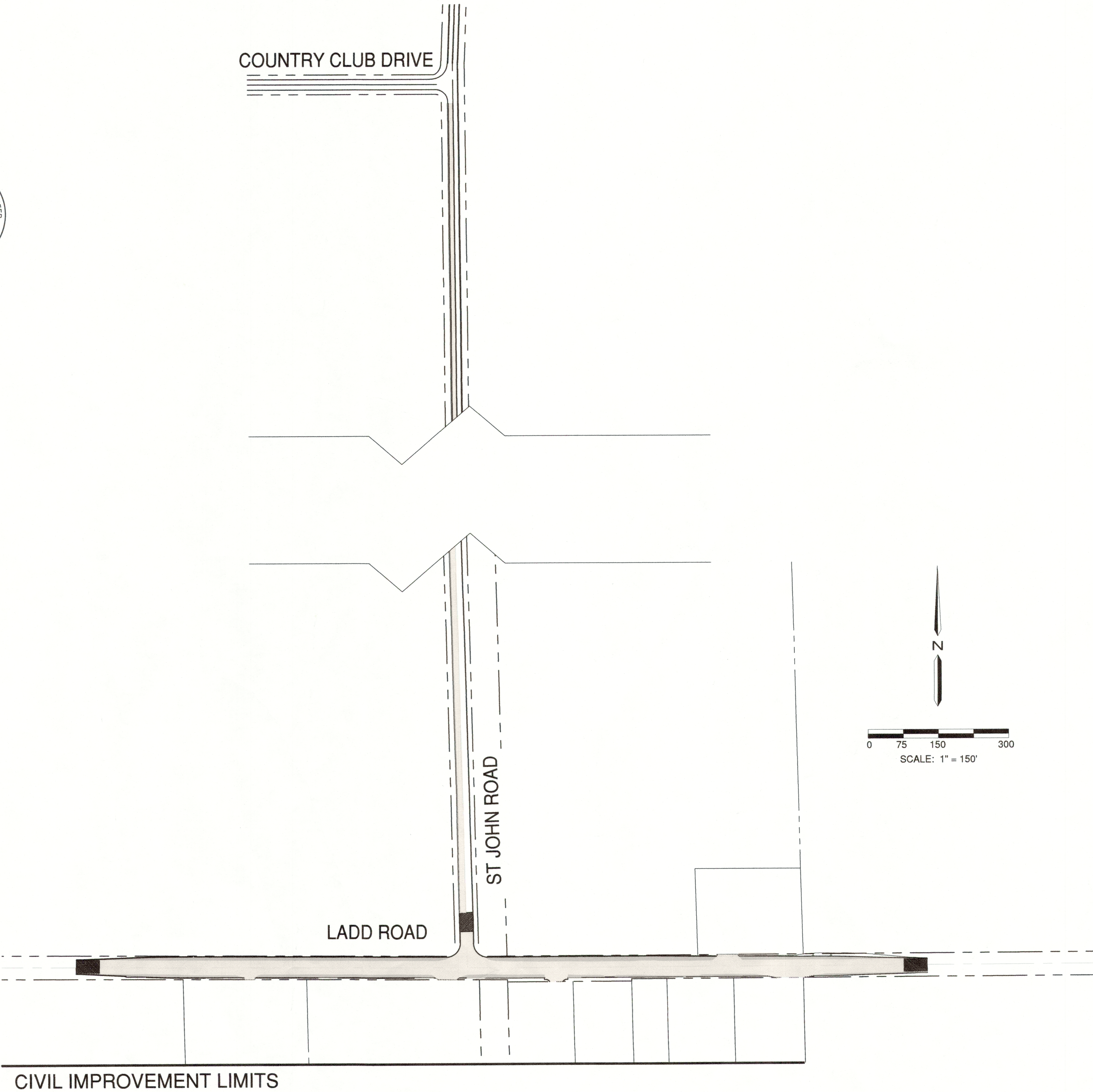
04/03/2020
DATE


CHRIS BRADY, P.E.
DEPUTY DIRECTOR OF PUBLIC WORKS


DAVID A. LEAMON, P.E.
PUBLIC WORKS DIRECTOR



INTERSECTION SAFETY
IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY



VICINITY MAP

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NOTES:

- ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. IT IS IMPERATIVE THAT "U.S.A. LOCATING SERVICES" LOCATE AND MARK EXISTING UTILITIES PRIOR TO THE START OF EXCAVATION.
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- ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



1165 Scenic Drive, Suite A
Modesto, CA 95350
odellengineering.com

O'DELL
ENGINEERING

PREPARED UNDER THE DIRECTION OF:

NO	REVISIONS	DATE	APPROVED
	DESCRIPTIONS		

STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358



COVER
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 05/01/2020
DR BY VA/JH
CK BY VA/MP
SCALE AS SHOWN

SHEET
NUMBER
C1.0
OF 19 SHEETS

GENERAL NOTES:

3. UNLESS OTHERWISE STATED, ALL STATIONS INDICATED ON THE IMPROVEMENT PLANS ARE REFERENCED TO THE CENTER LINE OF THE STREET. ALL STATIONS ON THE CURBS ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTER LINE STATIONS, UNLESS OTHERWISE NOTED.
2. DRAWING NUMBERS SHOWN ON THE PLANS REFER TO DRAWINGS CONTAINED IN STANISLAUS COUNTY'S IMPROVEMENT STANDARDS AND SPECIFICATIONS, SHOWN THUS: (I. E. STD. SD-4)
3. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF ALL SUCH FACILITIES IN THE AREA OF CONSTRUCTION AND SHALL NOTIFY UTILITIES FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY CONSTRUCTION.
4. IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATIONS. THE ENGINEER'S INTERPRETATION OR CORRECTION THEREOF SHALL BE CONCLUSIVE.
5. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
6. THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
7. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL CURRENT STANDARDS FOR STANISLAUS COUNTY ARE FOLLOWED AS WELL AS TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (USA) 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL FREE NUMBER (800) 642-2444. THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER PRIOR TO ANY EXCAVATION. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE DEVELOPMENT.
8. PAYMENT FOR PAVEMENT WILL BE MADE ONLY FOR AREAS SHOWN ON PLANS, REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INCLUDED IN THE CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.

SURVEY NOTES:

1. MONUMENT PRESERVATION AND RE-ESTABLISHMENT: THE CONTRACTOR SHALL REVIEW SECTION 8771 AND SECTION 8725 OF THE BUSINESS AND PROFESSIONS CODE AND SECTION 605 OF THE CALIFORNIA PENAL CODE TO ENSURE THAT MONUMENT PRESERVATION HAS BEEN PROPERLY ADDRESSED. THIS SECTION WILL REQUIRE A LICENSED LAND SURVEYOR.

THE CONTRACTOR IS RESPONSIBLE FOR PERPETUATING, PRESERVING, AND RE-ESTABLISHING ALL SURVEY MONUMENTATION. PRIOR TO CONSTRUCTION, ALL MONUMENTS SHALL BE LOCATED AND REFERENCED BY OR UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR. BASED UPON RECORD RESEARCH, NO MONUMENTS EXIST, THEN A STATEMENT FROM A LICENSED LAND SURVEYOR THAT NO MONUMENTS EXIST WILL BE SUFFICIENT. A CORNER RECORD OR RECORD OF SURVEY OF THE REFERENCES SHALL BE FILED WITH THE COUNTY SURVEYOR. IF THE MONUMENT IS INSIDE AN EXISTING MONUMENT BOX, THE CONTRACTOR SHALL ATTEMPT TO REUSE THE BOX. IF THE BOX IS NOT REUSABLE, THE CONTRACTOR SHALL PLACE A MONUMENT BOX WITH LIDS 150 MM (6 INCH) SQUARE, 100 MM (4 INCH) BY 1716 MORGAN ROAD. AFTER ROADWAY CONSTRUCTION IS COMPLETE, CONTRACTOR SHALL HAVE A LICENSED SURVEYOR TO MARK THE LOCATION FOR THE PLACEMENT OF THE MONUMENT BOX AND CONTRACTOR SHALL INSTALL THE MONUMENT BOX AND LID TO FINISHED GRADE THEN THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR INSTALL THE MONUMENT INSIDE THE EXISTING BOX AND COMPLETE POST PROJECT CORNER RECORDS OR A RECORD OF SURVEY SHALL BE FILED AT THE COMPLETION OF THE PROJECT.

WHEN THE PROJECT IS CREATING A NEW ROADWAY ALIGNMENT, THE CONTRACTOR SHALL SET NEW MONUMENT WELLS AND SURVEY MONUMENTS AT THE LOCATIONS SPECIFIED ON THE PLANS, PER THE COUNTY STANDARDS. THE CONTRACTOR SHALL THEN PREPARE AND RECORD A POST-CONSTRUCTION RECORD OF SURVEY OR CORNER RECORDS OF THE NEW MONUMENTS PLACED. ALL WORK SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR AND COORDINATED THROUGH THE OFFICE OF THE COUNTY SURVEYOR.

2. THE CONTRACTOR SHALL REVIEW SECTION 8771 AND SECTION 8725 OF THE BUSINESS AND PROFESSIONS CODE AND SECTION 605 OF THE CALIFORNIA PENAL CODE TO ENSURE THAT MONUMENT PRESERVATION HAS BEEN PROPERLY ADDRESSED. THIS SECTION WILL REQUIRE A LICENSED LAND SURVEYOR.

ABBREVIATIONS

±	PLUS OR MINUS	MH	MANHOLE
AB	AGGREGATE BASE	MIN	MINIMUM
ADA	AMERICANS WITH DISABILITY	N.T.S.	NOT TO SCALE
BC	BEGINNING OF CURVE	P.C.C.	PORTLAND CEMENT CONCRETE
BDRY	BOUNDARY	PCC	POINT OF COMPOUND CURVE
BM	BENCH MARK	ℓ	PROPERTY LINE
BO	BLOW-OFF	PP	POWER POLE
BOC	BACK OF CURB	PRC	POINT OF REVERSE CURVE
BVC	BEGIN VERTICAL CURVE	PUE	PUBLIC UTILITY EASEMENT
BSL	BUILDING SETBACK LINE	PVC	POLYVINYL CHLORIDE PIPE
BW	BACK OF WALK	P or PVMT	PAVEMENT
C&G	CURB AND GUTTER	R	RADIUS
C	CATCH BASIN	RCP	REINFORCED CONCRETE PIPE
CO	CLEANOUT	RET	RETURN
C	CENTER LINE	RR	REMOVE AND REPLACE
C or CONC.	CONCRETE	R/W	RIGHT OF WAY
D	STORM DRAIN	S/W	SIDEWALK
D.I.P.	DUCTILE IRON PIPE	S or SS	SANITARY SEWER
EC	END OF CURVE	SD	STORM DRAIN
ELEV.	ELEVATION	SHT	SHEET
EP	EDGE OF PAVEMENT	SNS	STREET NAME SIGN
EVC	END VERTICAL CURVE	SP	STANDPIPE
ESMT	EASEMENT	STA	STATION
EX or EXIST	EXISTING	STD	STANDARD
FF	FINISH FLOOR	TBM	TEMPORARY BENCH MARK
FH	FIRE HYDRANT	TC	TOP OF CURB
ℓ	FLOW LINE	TEMP	TEMPORARY
GB	GRADE BREAK	THRU	THROUGH
HMA	HOT MIX ASPHALT	TPE	TREE PLANTING EASEMENT
HORIZ	HORIZONTAL	TRC	TRIED CURVE
HP	HIGH POINT	VCP	VERTIFIED CLAY PIPE
INV.	INVERT	VERT	VERTICAL
IRR	IRRIGATION	W	WATER
JP	JOINT POLE	U.N.O.	UNLESS NOTED OTHERWISE
LF	LINAL FEET	UP	UTILITY POLE
MAX	MAXIMUM	TYP.	TYPICAL

NOTES:

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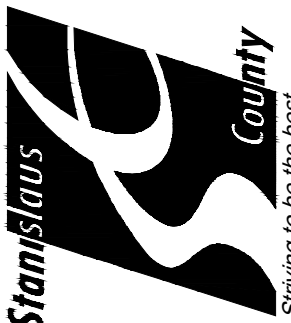


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REVISIONS			
NO	DESCRIPTIONS	DATE	APP

STANISLAUS COUNTY

DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358



NOTES, ABBREVIATIONS AND LEGEND

INTERSECTION SAFETY IMPROVEMENT PROJECT

DD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

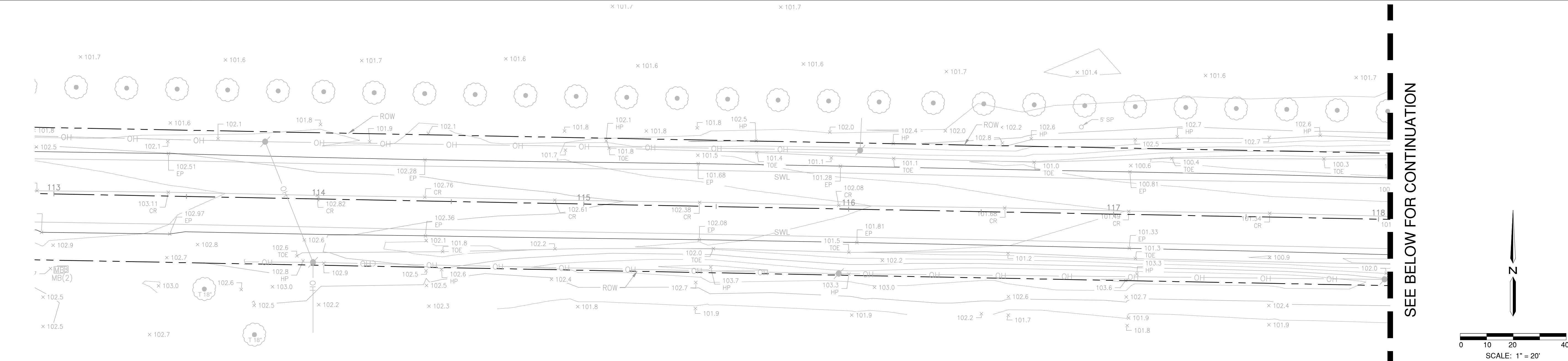
JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE N/A

**SHEET
NUMBER**

C2.0

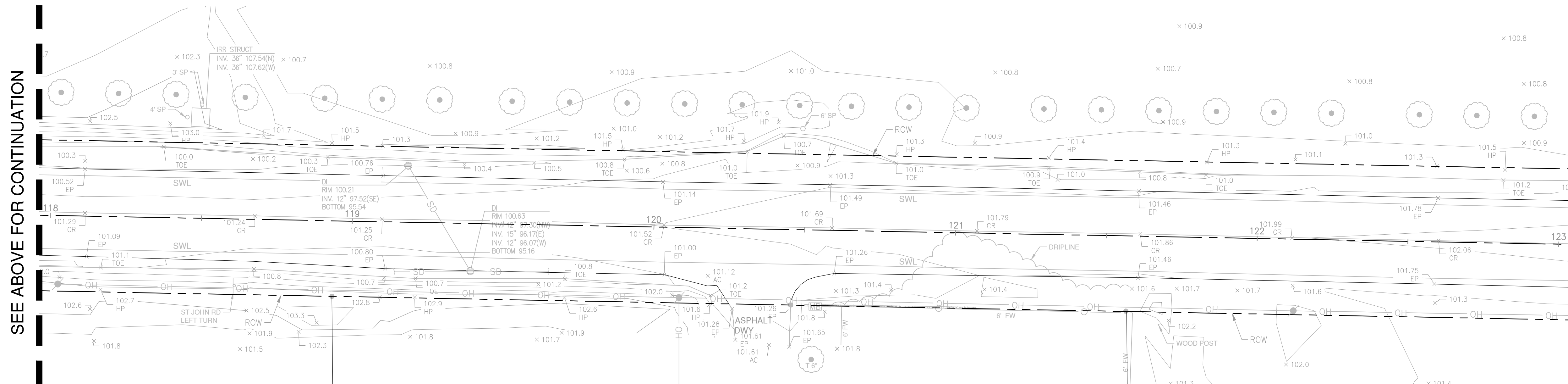
OF 19 SHEETS

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LADD ROAD

STA: 116+64.78 - 118+00



LADD ROAD

STA: 118+00 - 123+00

ABBREVIATIONS

AC	ASPHALT CONCRETE
ACD	AC DIKE
BWL	BROKEN WHITE LINE
CONC.	CONCRETE
CR	CROWN
DD	DROP DOWN
EP	EDGE OF PAVEMENT
ETW	EDGE OF TRAVEL WAY
FL	FLOWLINE
FW	FENCE, WOOD
GB	GRADE BREAK
HP	HINGE POINT
INV.	INVERT
IRR	IRRIGATION
MB	MAILBOX
SNS	STREET NAME SIGN
SP	STANDPIPE
SWL	SOLID WHITE LINE
TOE	TOP OF SLOPE
TOP	TOP OF SLOPE
WMA	MASONRY WALL

UTILITY NOTES:

PHYSICAL ITEMS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SURFACE ITEMS VISIBLE AS OF THE DATE OF THIS SURVEY. SUBSURFACE OBJECTS, IF ANY, ARE NOT SHOWN. SAID SUBSURFACE OBJECTS MAY INCLUDE, BUT ARE NOT LIMITED TO, CONCRETE FOOTINGS, SLABS, SHORING, STRUCTURAL PILES, UTILITY VAULTS, PIPING, UNDERGROUND TANKS, UNDERGROUND UTILITY LINES, TELECOMMUNICATION LINES, FIBER OPTIC LINES AND ANY OTHER SUBSURFACE STRUCTURES OR FACILITIES NOT REVEALED BY A SURFACE INSPECTION ON THE DATE THAT THE FIELD WORK FOR THIS SURVEY WAS PERFORMED.
FIELD WORK PERFORMED: AUGUST 07-09, 2018.

LEGEND

BENCHMARK	⬤
BOLLARD	●
CONTOUR	104
ROCK WELL	⊙
ELECTRIC MANHOLE	Ⓢ
ELECTRIC METER/BOX	Ⓜ
ELECTROLIER	⚡
ELEVATION W/ DESCRIPTION	x 102.91 EP
NATURAL GROUND SHOT	x 101.5
GAS METER/BOX	Ⓜ
GAS VALVE	Ⓜ
GUY WIRE	→
HOSE BIB	+
MAILBOX	MB
SIGN	—

SURVEY MONUMENT	●
SURVEY MONUMENT (IN WELL)	⊙
SURVEY MONUMENT (UNVERIFIED)	●
TREES (TRUNK 6"/DRIP LINES 6")	Ⓢ
MID UTILITY POLE	Ⓢ
WALL (HEIGHT/TYPE NOTED)	—

BOUNDARY LINES

---	PROPERTY LINE
---	CENTER LINE
---	SECTION LINE
---	RIGHT-OF-WAY LINE

HARDSCAPE LINES

FLOWLINE

MISCELLANEOUS LINES

FENCE, WOOD (HEIGHT NOTED)

UTILITY LINES

OVERHEAD

SURVEY CONTROL:

HORIZONTAL DATUM
COORDINATES ARE GROUND AND BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE III.

VERTICAL DATUM
ELEVATIONS SHOWN HEREON ARE BASED ON THE STANISLAUS COUNTY DATUM.

PROJECT BENCHMARK
FOUND 2" BRASS DISK IN THE TOP OF A CONCRETE CURB AT THE BASE OF AN ELECTROLIER ON THE WEST SIDE OF AVENIDA DEL RIO AT THE CENTER OF THE INTERSECTION WITH COUNTRY CLUB DR (STANISLAUS COUNTY BM # 259-30-1-A).
ELEVATION = 99.145 FEET (STANISLAUS COUNTY DATUM)

NOTE:

SEE SHEET C2.0 FOR ADDITIONAL SURVEY NOTES.

NOTES:

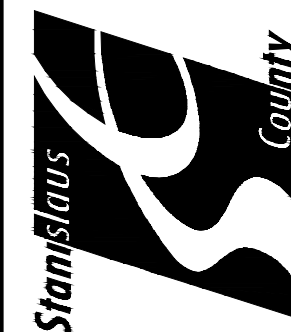
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1716 MORGAN ROAD - MODESTO, CA 95358



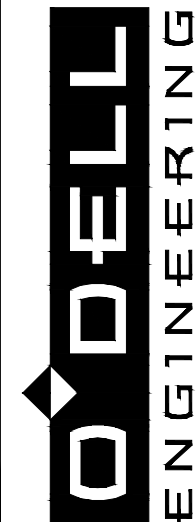
TOPOGRAPHIC PLAN -
LADD ROAD STA: 116+64.78 - 123+00

INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

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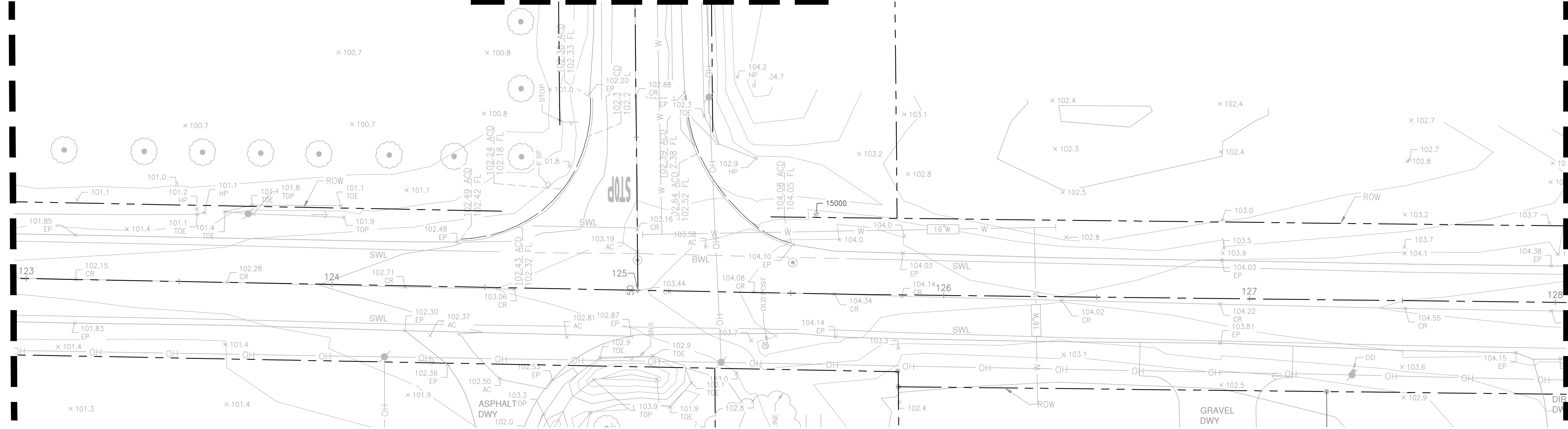
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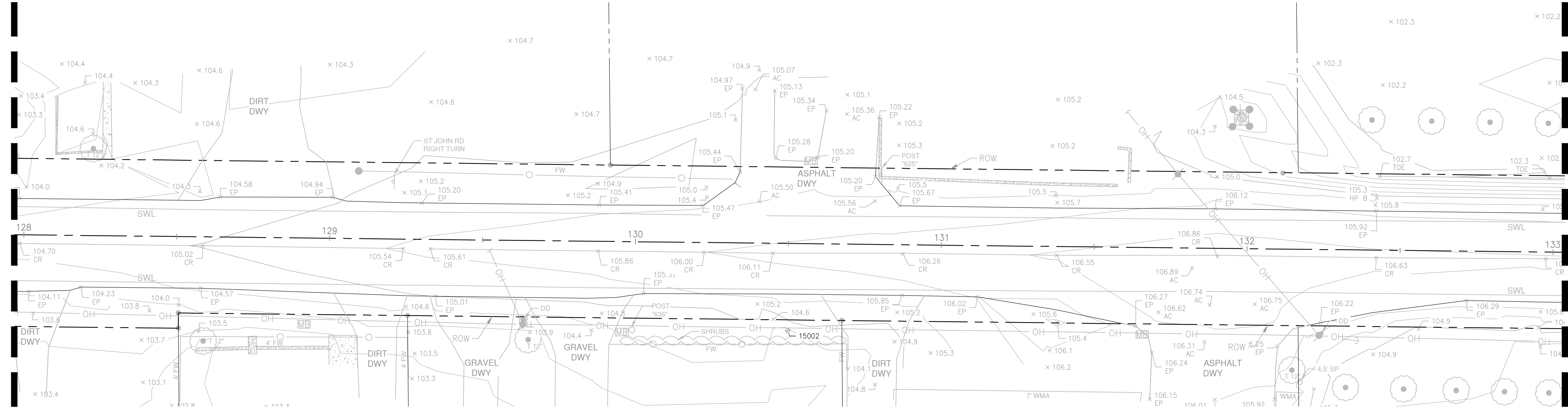
SEE SHEET C3.0 FOR CONTINUATION



LADD ROAD

STA: 123+00 - 128+00

SEE ABOVE FOR CONTINUATION



LADD ROAD

STA: 128+00 - 133+00

ABBREVIATIONS

AC	ASPHALT CONCRETE
ACD	AC DIKE
BWL	BROKEN WHITE LINE
CONC.	CONCRETE
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FIELD WORK PERFORMED: AUGUST 07-09, 2018.

LEGEND

BENCHMARK		SURVEY MONUMENT		BOUNDARY LINES	
BOLLARD		SURVEY MONUMENT (IN WELL)		PROPERTY LINE	
CONTOUR		SURVEY MONUMENT (UNVERIFIED)		CENTER LINE	
ROCK WELL		TREES (TRUNK 6"/DRIP LINES 6")		SECTION LINE	
ELECTRIC MANHOLE		MID UTILITY POLE		RIGHT-OF-WAY LINE	
ELECTRIC METER/BOX		WALL (HEIGHT/TYPE NOTED)		HARDSCAPE LINES	
ELECTROLIER				FLOWLINE	
ELEVATION W/ DESCRIPTION				MISCELLANEOUS LINES	
NATURAL GROUND SHOT				FENCE, WOOD (HEIGHT NOTED)	
GAS METER/BOX				UTILITY LINES	
GAS VALVE				OVERHEAD	
GUY WIRE					
HOSE BIB					
MAILBOX					
SIGN					

SURVEY CONTROL:

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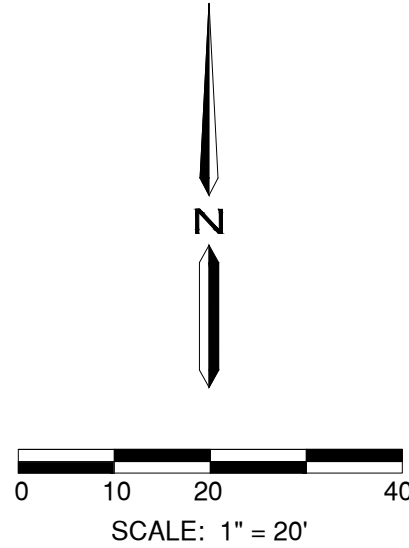
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ELEVATION = 99.145 FEET (STANISLAUS COUNTY DATUM)

NOTE:

SEE SHEET C2.0 FOR ADDITIONAL SURVEY NOTES.

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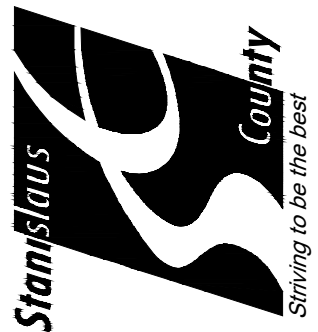


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1716 MORGAN ROAD - MODESTO, CA 95358



TOPOGRAPHIC PLAN -
LADD ROAD STA: 123+00 - 133+00

INTERSECTION SAFETY IMPROVEMENT PROJECT

LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

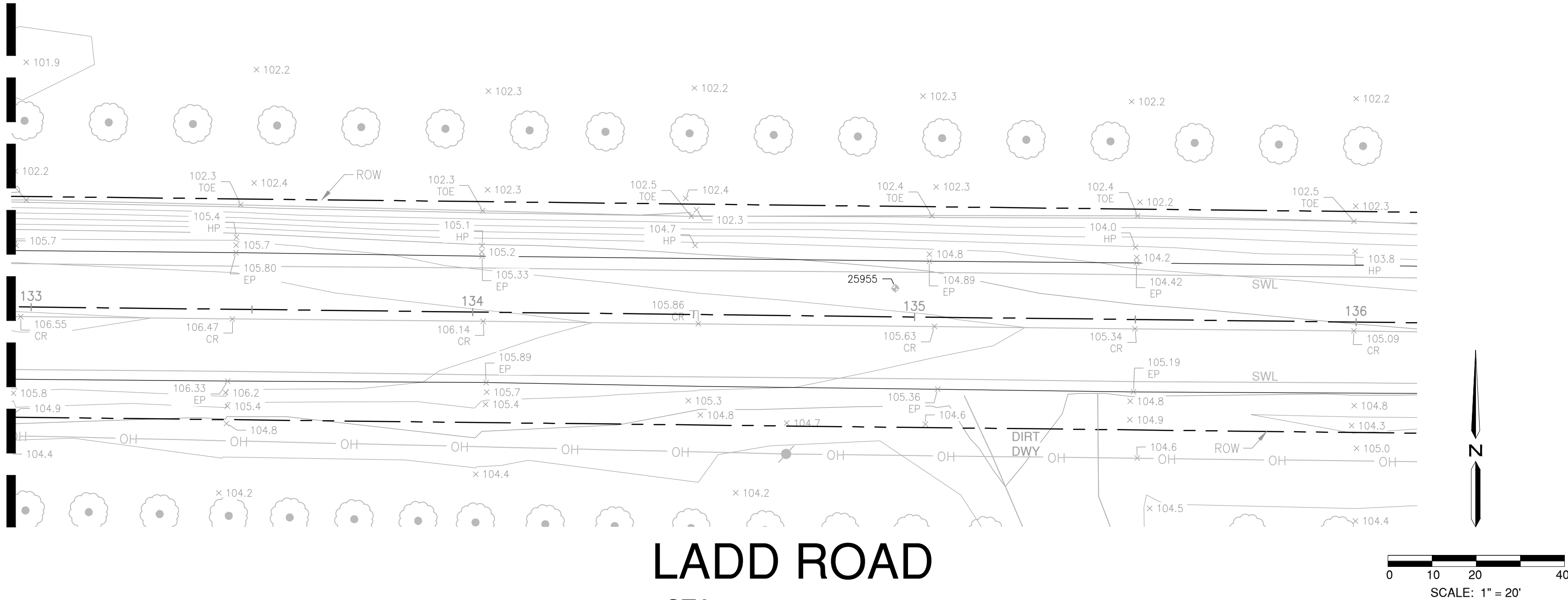
SHEET
NUMBER

C3.1

OF 19 SHEETS

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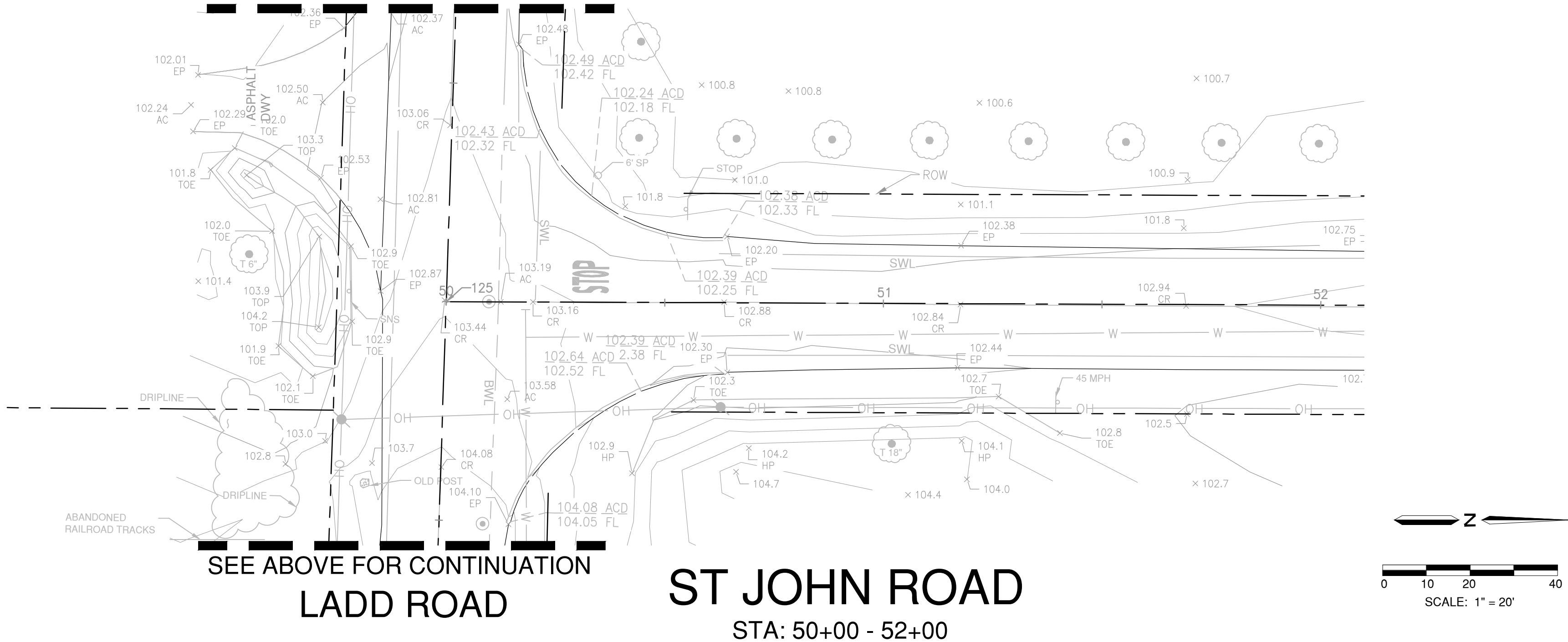
SEE SHEET C3.1 FOR CONTINUATION



LADD ROAD

STA: 133+00 - 136+00

LADD ROAD
SEE SHEET C3.1 FOR CONTINUATION



ST JOHN ROAD

STA: 50+00 - 52+00

ABBREVIATIONS

AC	ASPHALT CONCRETE
ACD	AC DIKE
BWL	BROKEN WHITE LINE
CONC.	CONCRETE
CR	CROWN
DD	DROP DOWN
EP	EDGE OF PAVEMENT
ETW	EDGE OF TRAVEL WAY
FL	FLOWLINE
FW	FENCE, WOOD
GB	GRADE BREAK
HP	HINGE POINT
INV.	INVERT
IRR	IRRIGATION
MB	MAILBOX
SNS	STREET NAME SIGN
SP	STANDPIPE
SWL	SOLID WHITE LINE
TOE	TOE OF SLOPE
TOP	TOP OF SLOPE
WMA	MASONRY WALL

UTILITY NOTES:

PHYSICAL ITEMS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SURFACE ITEMS VISIBLE AS OF THE DATE OF THIS SURVEY. SUBSURFACE OBJECTS, IF ANY, ARE NOT SHOWN. SAID SUBSURFACE OBJECTS MAY INCLUDE, BUT ARE NOT LIMITED TO, CONCRETE FOOTINGS, SLABS, SHORING, STRUCTURAL PILES, UTILITY VAULTS, PIPING, UNDERGROUND TANKS, UNDERGROUND UTILITY LINES, TELECOMMUNICATION LINES, FIBER OPTIC LINES AND ANY OTHER SUBSURFACE STRUCTURES OR FACILITIES NOT REVEALED BY A SURFACE INSPECTION ON THE DATE THAT THE FIELD WORK FOR THIS SURVEY WAS PERFORMED.

LEGEND

BENCHMARK		SURVEY MONUMENT		BOUNDARY LINES	
BOLLARD		SURVEY MONUMENT (IN WELL)		PROPERTY LINE	
CONTOUR		SURVEY MONUMENT (UNVERIFIED)		CENTER LINE	
ROCK WELL		TREES (TRUNK 6"/DRIP LINES 6")		SECTION LINE	
ELECTRIC MANHOLE		MID UTILITY POLE		RIGHT-OF-WAY LINE	
ELECTRIC METER/BOX		WALL (HEIGHT/TYPE NOTED)			
ELECTROLIER				HARDSCAPE LINES	
ELEVATION W/ DESCRIPTION				MISCELLANEOUS LINES	
NATURAL GROUND SHOT				UTILITY LINES	
GAS METER/BOX				FLOWLINE	
GAS VALVE				FENCE, WOOD (HEIGHT NOTED)	
GUY WIRE				OVERHEAD	
HOSE BIB					
MAILBOX					
SIGN					

SURVEY CONTROL:

HORIZONTAL DATUM
COORDINATES ARE GROUND AND BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE III.

VERTICAL DATUM
ELEVATIONS SHOWN HEREON ARE BASED ON THE STANISLAUS COUNTY DATUM.

PROJECT BENCHMARK
FOUND 2" BRASS DISK IN THE TOP OF A CONCRETE CURB AT THE BASE OF AN ELECTROLIER ON THE WEST SIDE OF AVENIDA DEL RIO AT THE CENTER OF THE INTERSECTION WITH COUNTRY CLUB DR (STANISLAUS COUNTY BM # 2S9-30-1-A).
ELEVATION = 99.145 FEET (STANISLAUS COUNTY DATUM)

NOTE:

SEE SHEET C2.0 FOR ADDITIONAL SURVEY NOTES.

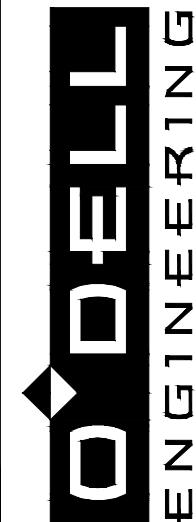
NOTES:

- ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. IT IS IMPERATIVE THAT "U.S.A. LOCATING SERVICES" LOCATE AND MARK EXISTING UTILITIES PRIOR TO THE START OF EXCAVATION.
- THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXPOSING EXISTING UTILITY CROSSINGS AND SERVICES.
- ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



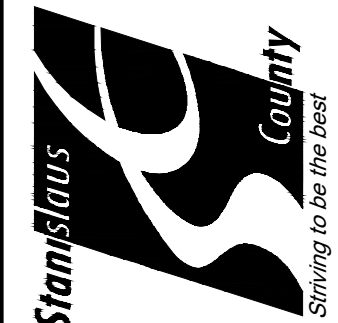
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_____ DATE: _____			
REVISIONS			
NO	DESCRIPTIONS	DATE	APPROVED

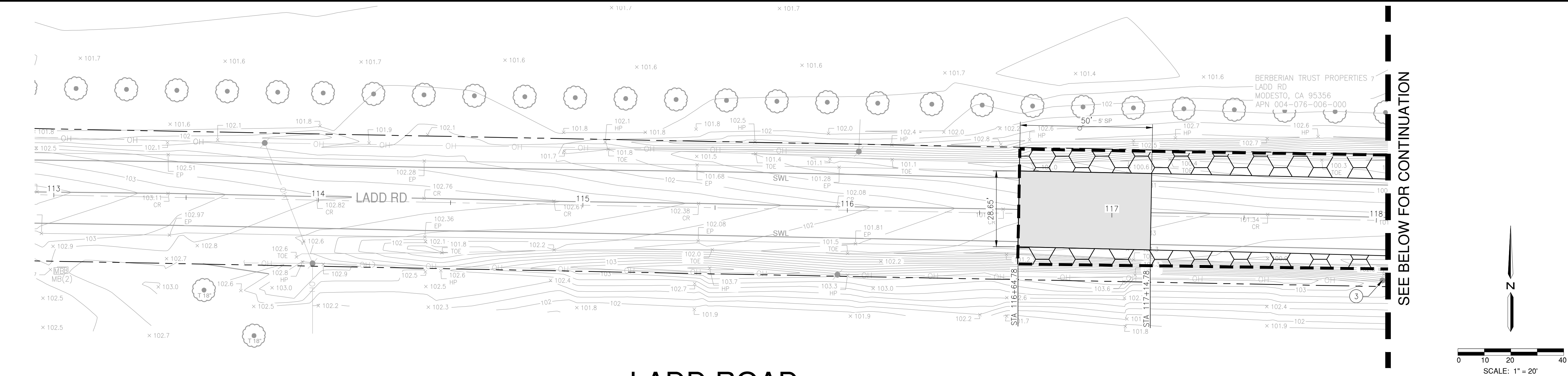
STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358



TOPOGRAPHIC PLAN -
LADD ROAD STA: 133+00 - 136+00 & ST JOHN ROAD STA: 50+00 - 52+00
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

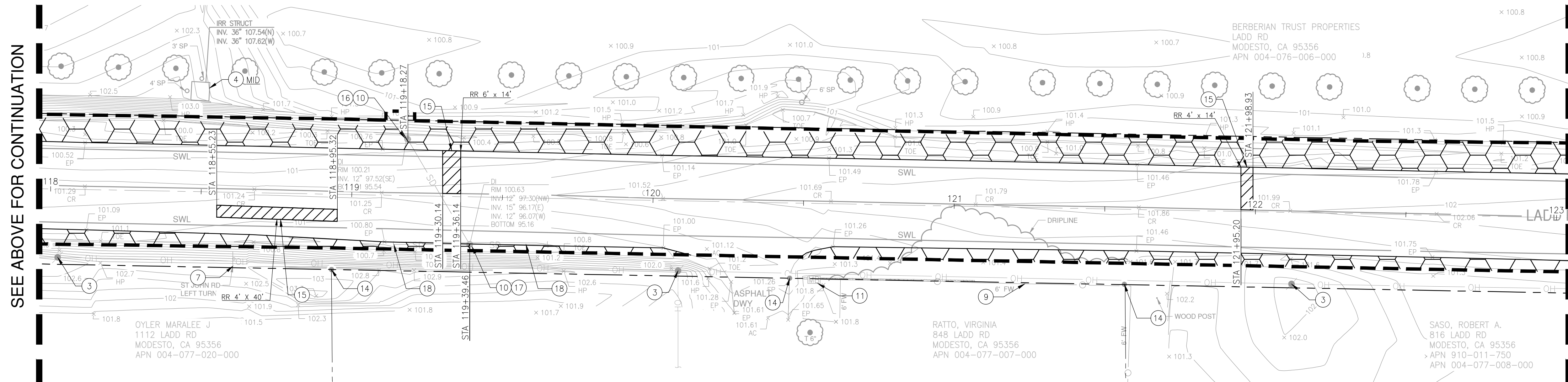
JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER
C3.2
OF 19 SHEETS



LADD ROAD

STA: 116+64.78 - 118+00



LADD ROAD

STA: 118+00 - 123+00

LEGEND

	CLEAR AND GRUB
	LIMIT OF DEMOLITION
	DIG-OUTS (LOCALIZED PAVEMENT REMOVAL AND REPLACEMENT)
	ASPHALT SKIN PATCH PER SPECIAL PROVISION 18
	2" TRANSITIONAL GRIND. SEE DETAIL A ON SHEET C8.1.
	REMOVE AND REPLACE 12" FULL DEPTH WITH HMA 3/4" TYPE A

DEMOLITION SHEET NOTES

- 1 REMOVE EX. BOLLARD.
- 2 EX. TREE TO BE PROTECTED IN PLACE.
- 3 EX. UTILITY POLE AND UTILITY LINES TO BE PROTECTED IN PLACE. MID OWNS ALL OF THE UTILITY POLES WITHIN THE PROJECT LIMITS.
- 4 EX. UTILITY STRUCTURE TO BE PROTECTED IN PLACE.
- 5 EX. MOW BAND IN THE ROW TO BE REMOVED.
- 6 EX. SIGNAGE TO BE REMOVED & REPLACED.
- 7 EX. SIGNAGE TO BE PROTECTED IN PLACE.
- 8 EX. FENCE TO BE REMOVED.
- 9 EX. FENCE TO BE PROTECTED IN PLACE.
- 10 EX. ROCKWELL TO BE REMOVED.

DEMOLITION SHEET NOTES

- 11 EX. MAILBOX TO BE PROTECTED IN PLACE.
- 12 NOTE NOT USED.
- 13 EX. SURVEY MONUMENT TO BE RESET-SEE SHEET C5.1.
- 14 EX. SURVEY MONUMENT TO BE PROTECTED IN PLACE.
- 15 DIG-OUTS (LOCALIZED PAVEMENT REMOVAL AND REPLACEMENT). CONTRACTOR TO VERIFY EXACT LOCATION OF DIG-OUT.
- 16 CONTRACTOR TO EXCAVATE A MINIMUM OF 6.0 LF (VERTICALLY).
- 17 CONTRACTOR TO EXCAVATE A MINIMUM OF 6.5 LF (VERTICALLY).
- 18 ABANDON ENTIRE LENGTH OF EX. STORM DRAIN PIPES.

DEMOLITION NOTES

1. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES AND PUBLIC AGENCIES TO DISCONNECT EXISTING UTILITIES TO THE PROJECT SITE PRIOR TO DEMOLITION.
2. ANY EXISTING UTILITIES AND STRUCTURES NOT SPECIFICALLY NOTED TO BE REMOVED SHOULD BE PROTECTED IN PLACE.
3. ANY EXISTING PAVEMENT NOT SPECIFICALLY NOTED TO BE REMOVED SHOULD BE PROTECTED.
4. CONTRACTOR SHALL CRACK SEAL ALL CRACKS IN THE ROAD PRIOR TO PAVING.

NOTES:

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DEMOLITION PLAN -
LADD ROAD STA: 116+64.78 - 123+00

INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER

C4.0

OF 19 SHEETS

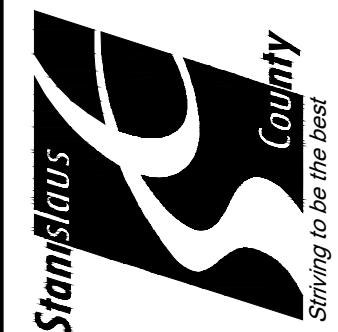
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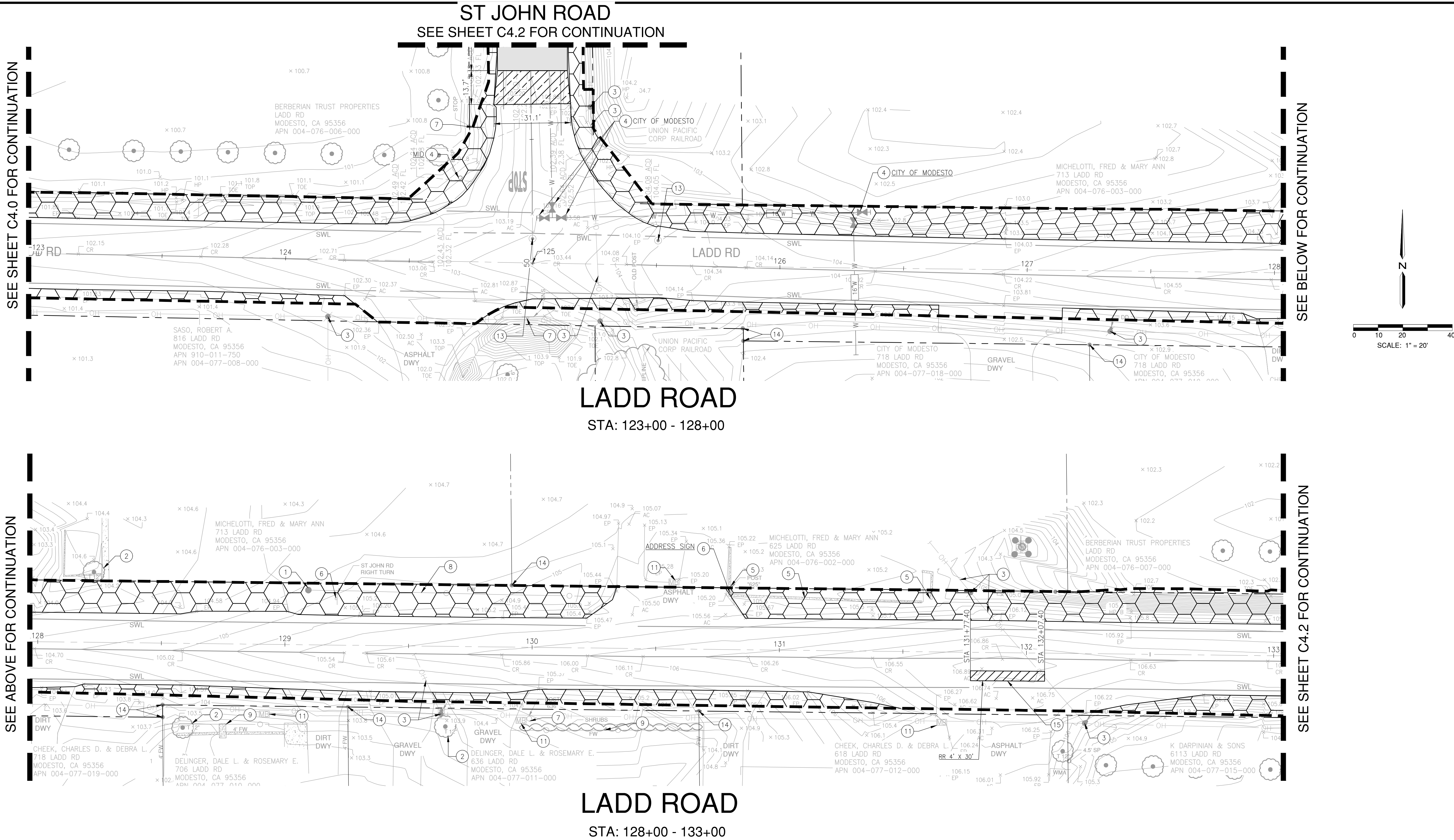
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STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358





LEGEND

- CLEAR AND GRUB
- LIMIT OF DEMOLITION
- DIG-OUTS (LOCALIZED PAVEMENT REMOVAL AND REPLACEMENT)
- ASPHALT SKIN PATCH PER SPECIAL PROVISION 18
- 2" TRANSITIONAL GRIND. SEE DETAIL A ON SHEET C8.1.
- REMOVE AND REPLACE 12" FULL DEPTH WITH HMA 3/4" TYPE A
- RR

DEMOLITION SHEET NOTES

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6. EX. SIGNAGE TO BE REMOVED & REPLACED.
7. EX. SIGNAGE TO BE PROTECTED IN PLACE.
8. EX. FENCE TO BE REMOVED.
9. EX. FENCE TO BE PROTECTED IN PLACE.
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DEMOLITION SHEET NOTES

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17. CONTRACTOR TO EXCAVATE A MINIMUM OF 6.5 LF (VERTICALLY).
18. ABANDON ENTIRE LENGTH OF EX. STORM DRAIN PIPES.

DEMOLITION NOTES

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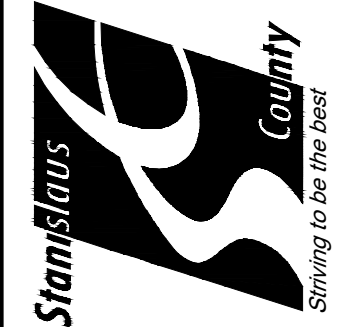


DEMOLITION PLAN -
LADD ROAD STA: 123+00 - 133+00
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER
C4.1
OF 19 SHEETS

STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358



REVISIONS		DATE	APPROVED
NO	DESCRIPTIONS	DATE	

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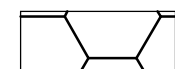
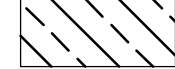
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LEGEND

	CLEAR AND GRUB
	LIMIT OF DEMOLITION
	DIG-OUTS (LOCALIZED PAVEMENT REMOVAL AND REPLACEMENT)
	ASPHALT SKIN PATCH PER SPECIAL PROVISION 18
	2" TRANSITIONAL GRIND. SEE DETAIL A ON SHEET C8.1.
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DEMOLITION NOTES

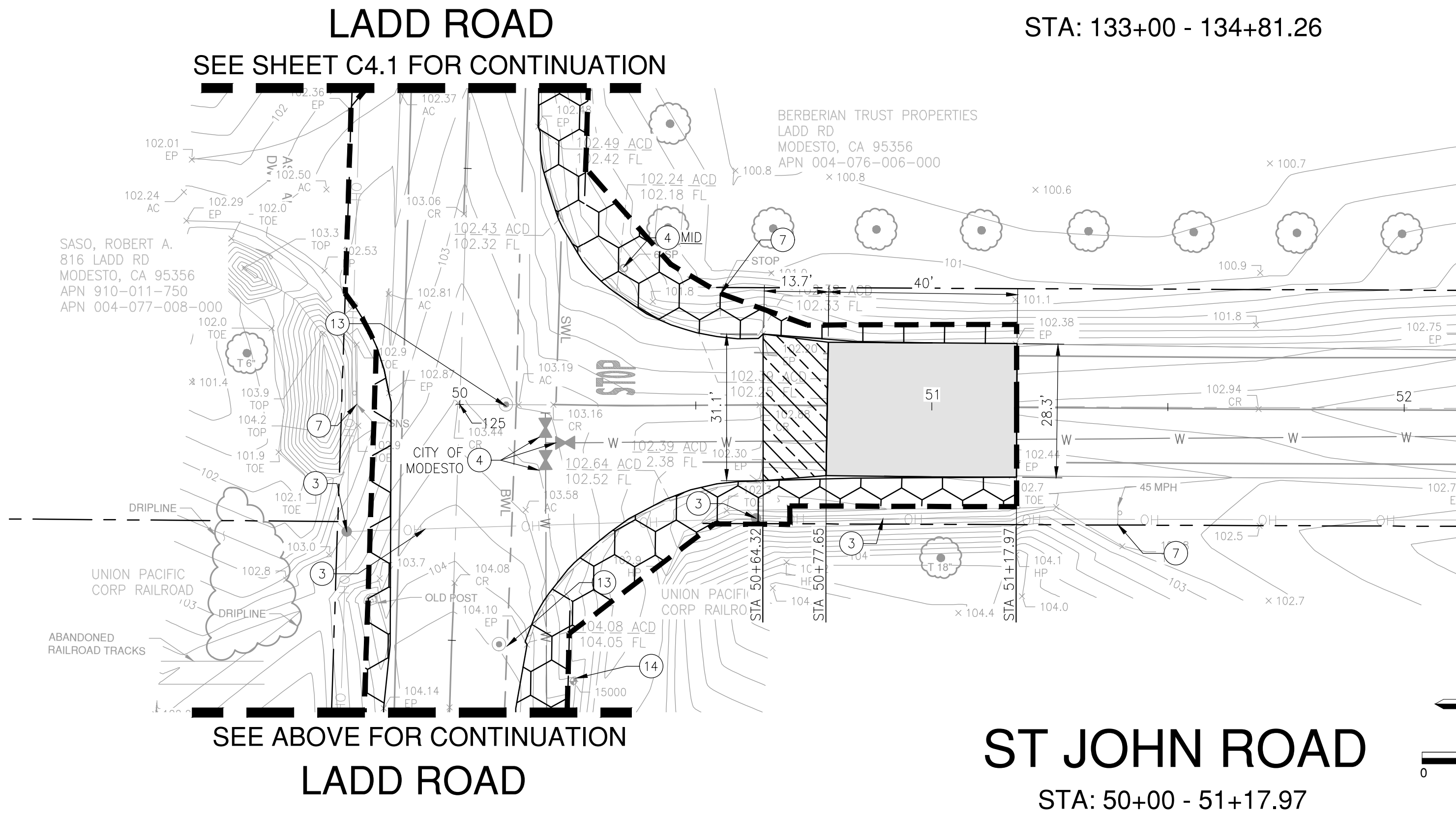
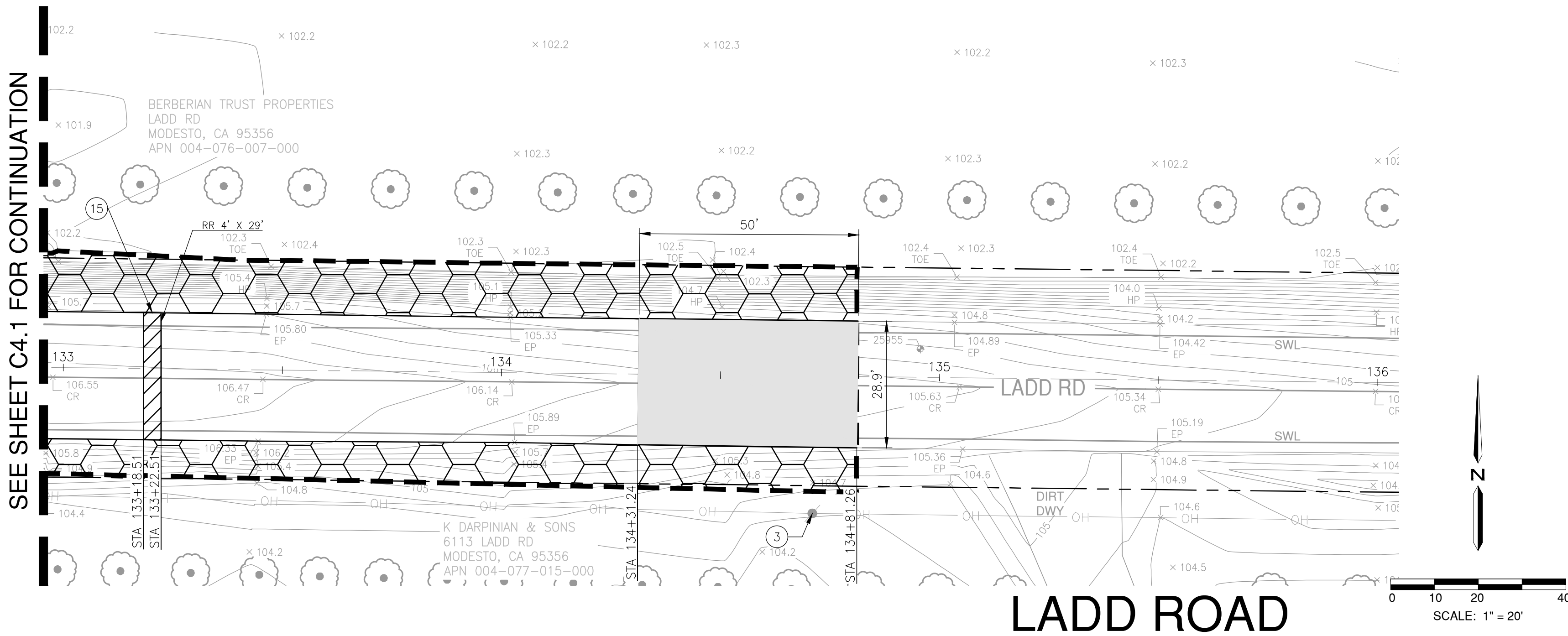
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358

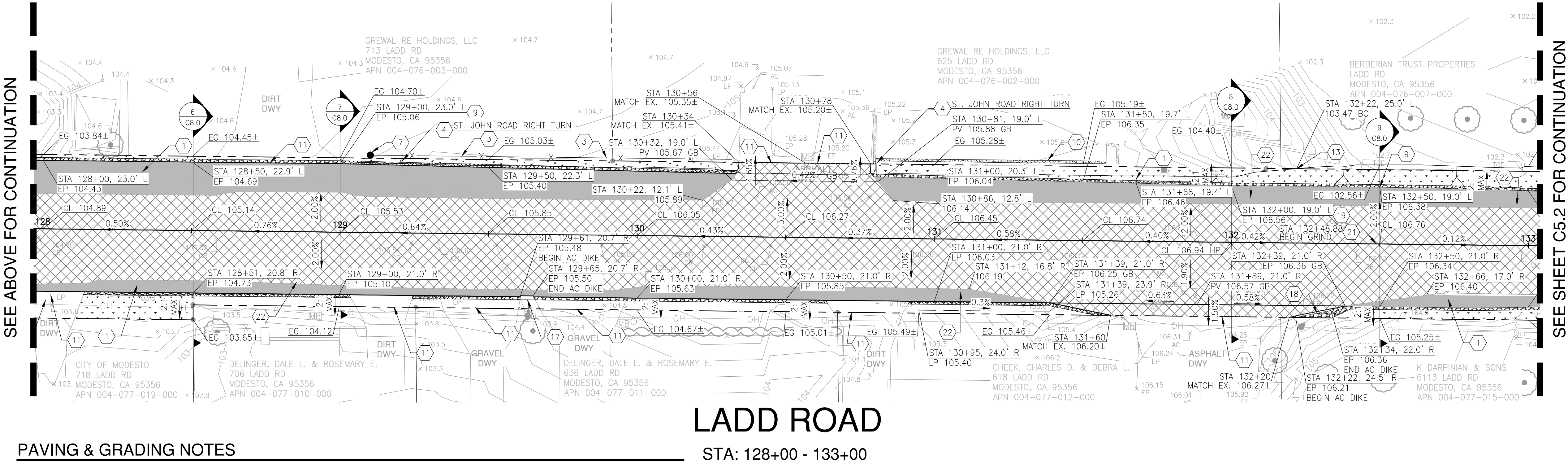
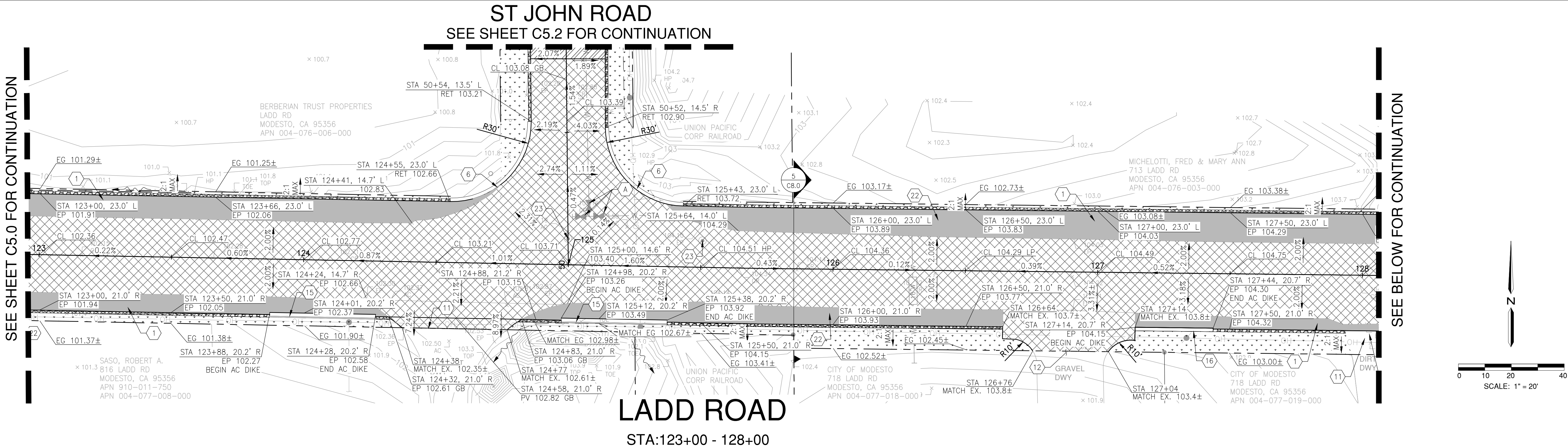


DEMOLITION PLAN -
LADD ROAD STA: 133+00 - 134+81.26
& ST JOHN ROAD STA: 50+00 - 51+17.97
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER
C4.2
OF 19 SHEETS

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PAVING & GRADING NOTES

- 1) VEHICULAR HMA PAVEMENT PER DETAIL B, SHEET C8.1.
- 2) MATCH EX. PAVEMENT ELEVATION PER DETAIL A, SHEET C8.1.
- 3) CONTRACTOR TO INSTALL TWO RAIL VINYL FENCING WITH 16 POSTS.
- 4) RESET EX. ROAD SIGN.
- 5) ADD SLURRY SEAL ON SB ST JOHN ROAD FROM STATION 51+18 TO APPROXIMATELY THE ADA RAMP SOUTH OF COUNTRY CLUB DRIVE.
- 6) AC DIKE (PAINTED) PER CALTRANS STANDARD PLANS RSP A87B, TYPE E.
- 7) INSTALL BOLLARD.
- 8) END TAPER.
- 9) BEGIN TRANSITION TO 34' ROADWAY SECTION
- 10) INSTALL CONCRETE MOW BAND.
- 11) GRADE EX. DRIVEWAY TRANSITION TO NEW EP.
- 12) BEGIN TAPER.
- 13) BEGIN GRADING ON PRIVATE PROPERTY
- 14) END GRADING ON PRIVATE PROPERTY
- 15) 40'± AC DIKE (PAINTED) PER DETAIL D, SHEET C8.1.
- 16) 29.5'± AC DIKE (PAINTED) PER DETAIL D, SHEET C8.1.
- 17) 5'± AC DIKE (PAINTED) PER DETAIL D, SHEET C8.1.
- 18) 12'± AC DIKE (PAINTED) PER DETAIL D, SHEET C8.1.
- 19) END TRANSITION TO 34' ROADWAY SECTION.
- 20) TRANSITION FROM 1' WIDE SHOULDER BACKING TO 1.5' WIDE SHOULDER BACKING.
- 21) GRIND IN CENTERLINE RUMBLE STRIPS UNDER STRIPING LOCATION THROUGH TRANSITION TAPER PER CALTRANS STD. PLAN A40D. SEE SHEET C6.0-C6.2 FOR STRIPING LOCATION.
- 22) GRIND IN EDGE LINE RUMBLE STRIPS UNDER STRIPING PER CALTRANS STD. PLAN A40C (TYP.). LEAVE OPENINGS 150' IN ADVANCE OF DRIVEWAYS AND INTERSECTIONS. SEE SHEET C6.0-C6.2 FOR STRIPING LOCATION.
- 23) CONTRACTOR TO FURNISH AND INSTALL MONUMENT WELL

UTILITY NOTES

- A) CONCRETE COLLAR SHALL NOT ENCR OACH ONTO PRIVATE PROPERTY
- B) 8 LF-12" CLASS III RCP
- C) INSTALL DRAIN INLET AND CONCRETE COLLAR PER DETAIL E, SHEET C8.1.
- D) INSTALL ROCK WELL PER DETAIL E, SHEET C8.1.
- E) 5 LF-12" CLASS III RCP

LEGEND

- | | | | |
|---|-----------|---|---------------------------------------|
| — x — | FENCE | ● | DRAIN INLET PER DETAIL E, SHEET C8.1. |
| — — — | FLOW LINE | ⊙ | ROCK WELL PER DETAIL E, SHEET C8.1. |
| — | ROAD SIGN | | |
| ● | BOLLARD | | |
| 5.0" HMA OVER 5.5" CL.2 AB | | | |
| 3" HMA OVERLAY PER STANISLAUS COUNTY STANDARDS | | | |
| SLURRY SEAL PER STANISLAUS COUNTY STANDARDS | | | |
| HYDROSEED | | | |
| HMA OVERLAY LIMIT PER DETAIL A, SHEET C8.0 - CONTRACTOR TO PROVIDE SMOOTH TRANSITION TO EXISTING GRADE. | | | |

NOTES:

1. SEE SHEET C5.2 FOR CURVE DATA TABLE.
2. CONTRACTOR SHALL CRACK SEAL ALL CRACKS IN THE ROAD PRIOR TO PAVING.
3. AC DIKE (PAINTED) IS INSTALLED OVER 5.0" OF ASPHALT PER DETAIL D, SHEET C8.1.

NOTES:

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PAVING, GRADING & UTILITY PLAN

LADD ROAD STA: 123+00 - 133+00

INTERSECTION SAFETY IMPROVEMENT PROJECT

LADD ROAD & ST. JOHN ROAD

STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER

C5.1

OF 19 SHEETS

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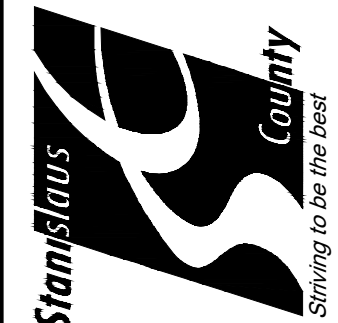
DATE

REVISIONS

DESCRIPTIONS

NO

STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358





STA: 50+00 TO COUNTRY CLUB DRIVE

- ① VEHICULAR HMA PAVEMENT PER DETAIL B, SHEET C8.1.
- ② MATCH EX. PAVEMENT ELEVATION PER DETAIL A, SHEET C8.1.
- ③ CONTRACTOR TO INSTALL TWO RAIL VINYL FENCING WITH 16 POSTS.
- ④ RESET EX. ROAD SIGN.
- ⑤ ADD SLURRY SEAL ON SB ST JOHN ROAD FROM STATION 51+18 TO APPROXIMATELY THE ADA RAMP SOUTH OF COUNTRY CLUB DRIVE.
- ⑥ AC DIKE (PAINTED) PER CALTRANS STANDARD PLANS RSP A87B, TYPE E.
- ⑦ INSTALL BOLLARD.
- ⑧ END TAPER.
- ⑨ BEGIN TRANSITION TO 34' ROADWAY SECTION
- ⑩ INSTALL CONCRETE MOW BAND.
- ⑪ GRADE EX. DRIVEWAY TRANSITION TO NEW EP.
- ⑫ BEGIN TAPER.
- ⑬ BEGIN GRADING ON PRIVATE PROPERTY
- ⑭ END GRADING ON PRIVATE PROPERTY
- ⑮ 40'± AC DIKE (PAINTED) PER DETAIL D, SHEET C8.1.

☐ A CONCRETE COLLAR SHALL NOT ENCR OACH ONTO PRIVATE PROPERTY

☐ B 8 LF-12" CLASS III RCP

☐ C INSTALL DRAIN INLET AND CONCRETE COLLAR PER DETAIL E, SHEET C8.1.

☐ D INSTALL ROCK WELL PER DETAIL E, SHEET C8.1.

☐ E 5 LF-12" CLASS III RCP

	FENCE		DRAIN IN SHEET C8.0
	FLOW LINE		ROCK IN SHEET C8.0
	ROAD SIGN		
	BOLLARD		
	5.0" HMA OVER 5.5" CL2 AB		
	3" HMA OVERLAY PER STANISLAUS COUNTY STANDARDS		
	SLURRY SEAL PER STANISLAUS COUNTY STANDARDS		
	HYDROSEED		
	HMA OVERLAY LIMIT PER DETAIL A, SHEET C8.0 - CONTRACTOR TO PROVIDE SMOOTH TRANSITION TO EXISTING GRADE.		
	CLASS C SHOULDER BACKING PER CALTRANS STANDARDS AND DETAIL C, SHEET C8.0		

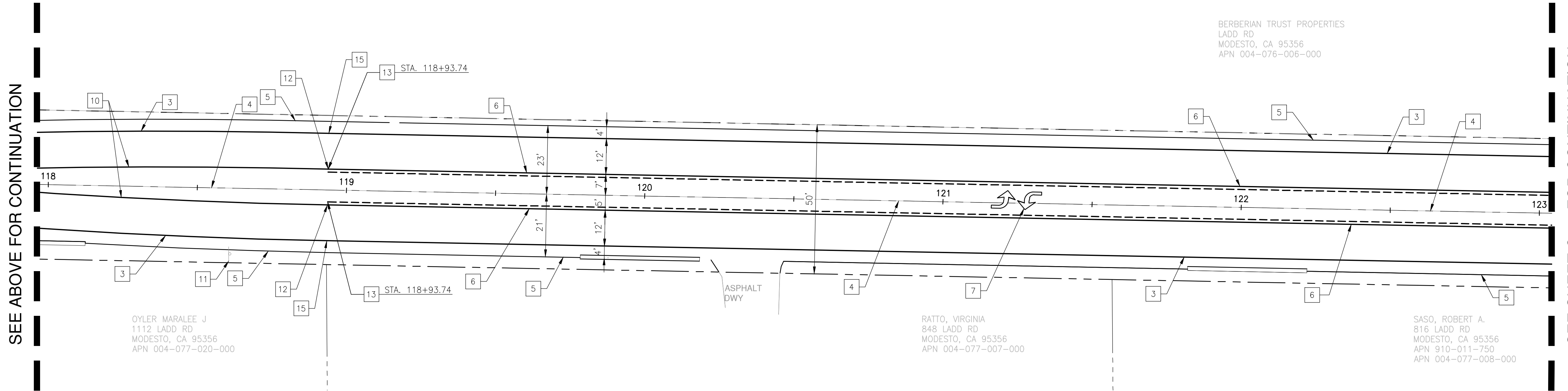
1. CONTRACTOR SHALL CRACK SEAL ALL CRACKS IN THE ROAD PRIOR TO PAVING.
2. AC DIKE (PAINTED) IS INSTALLED OVER 5.0" OF ASPHALT PER DETAIL D, SHEET C8.1.

CURVE TABLE			
CURVE #	RADIUS*	DELTA	LENGTH
C1	2016.00'	3'00"00"	105.56'
C2	2016.00'	3'16"17"	115.10'
C3	2016.00'	3'50"30"	135.18'
C4	2016.00'	2'13"29"	78.28'

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SIGNAGE & STRIPING NOTES

- CONTRACTOR TO VERIFY THE LOCATION OF ALL EX. SIGNAGE.

LEGEND

	RELOCATED ROAD SIGN
	EXISTING ROAD SIGN
	FENCE
	LIMIT LINE, SIGNAGE AND/OR "STOP" LEGEND

SHEET NOTES

- REPLACE ROAD SIGN
- LIMIT LINE AND/OR "STOP" LEGEND PER MUTCD 2014, FIGURE 3B-24(CA)
- RIGHT EDGE LINE PER MUTCD 2014, FIGURE 3B-8(CA), DETAIL 27B
- CENTERLINE/CROWN OF ROAD
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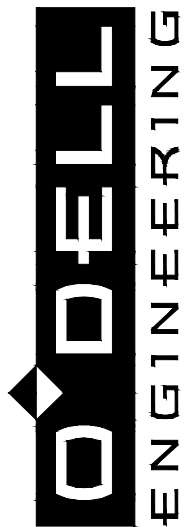
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NO	DESCRIPTIONS	REVISIONS		APPROVED	
		DATE	DATE	DATE	DATE

STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358



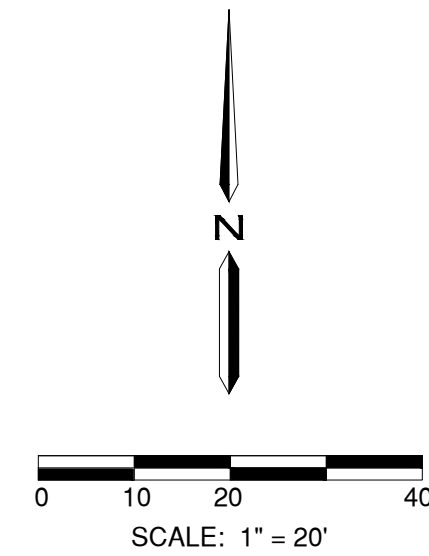
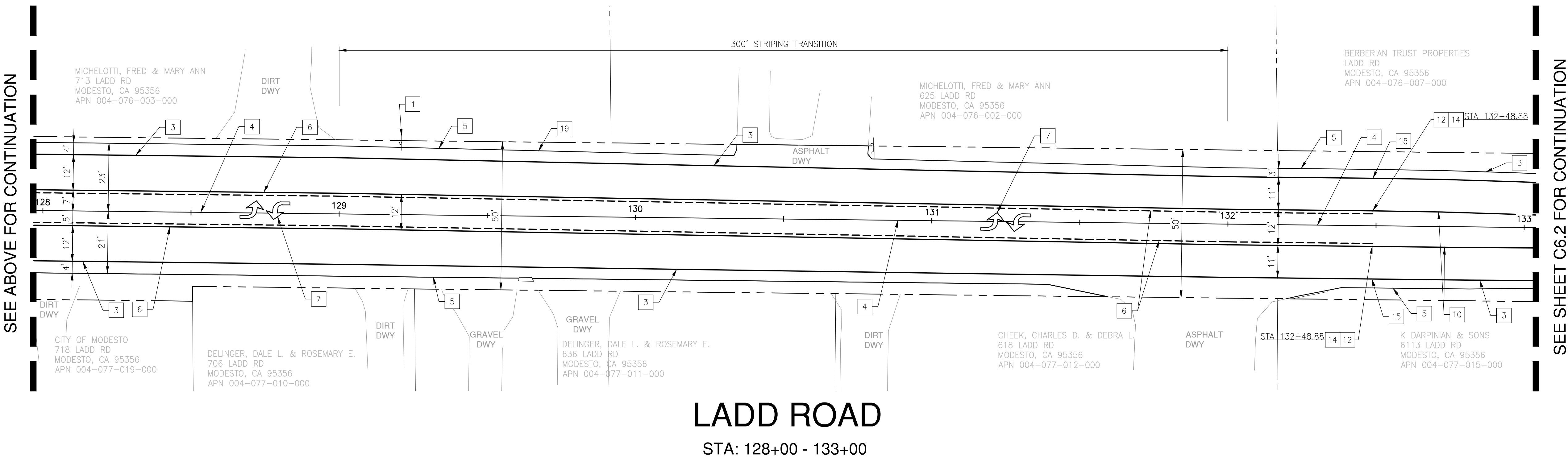
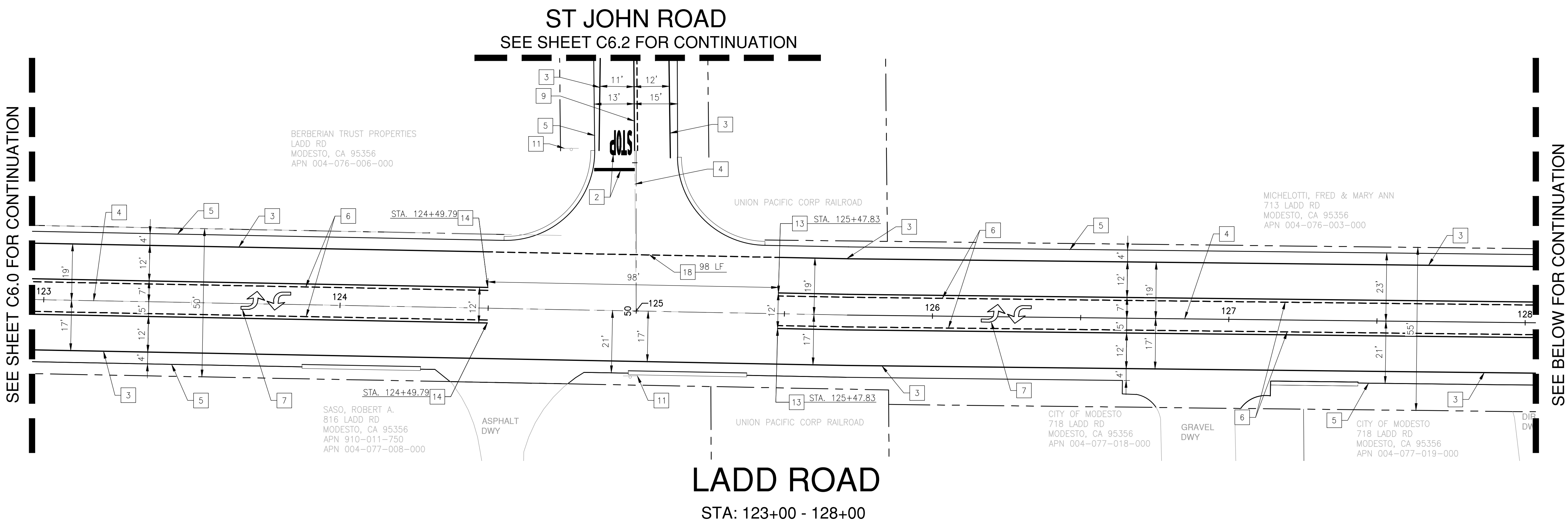
SIGNAGE & STRIPING PLAN -
LADD ROAD STA: 116+64.78+00 - 123+00
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER
C6.0
OF 19 SHEETS



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SIGNAGE & STRIPING NOTES

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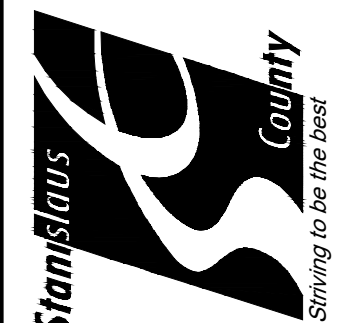


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		APPROVED	DATE

STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358



SIGNAGE & STRIPING PLAN -
LADD ROAD STA: 123+00 - 133+00
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER
C6.1
OF 19 SHEETS

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SIGNAGE & STRIPING NOTES

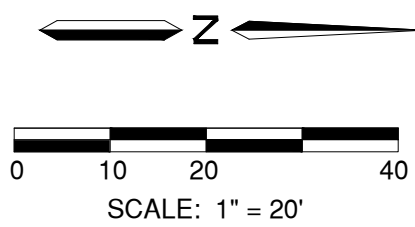
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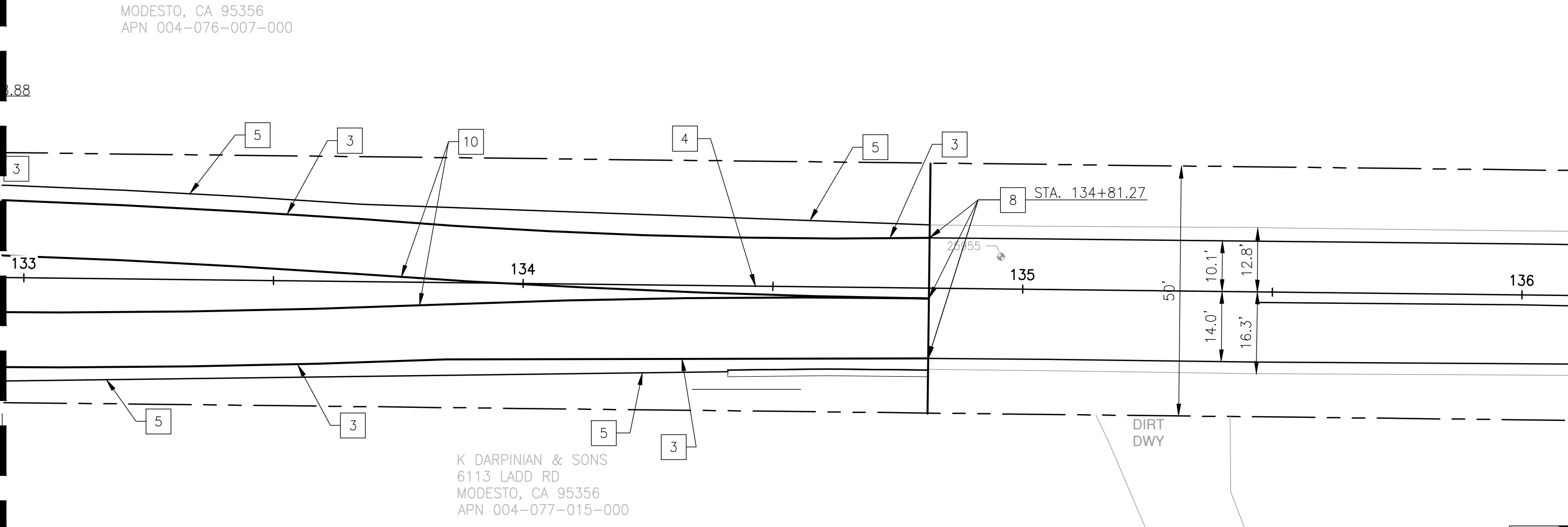
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SEE SHEET C6.1 FOR CONTINUATION

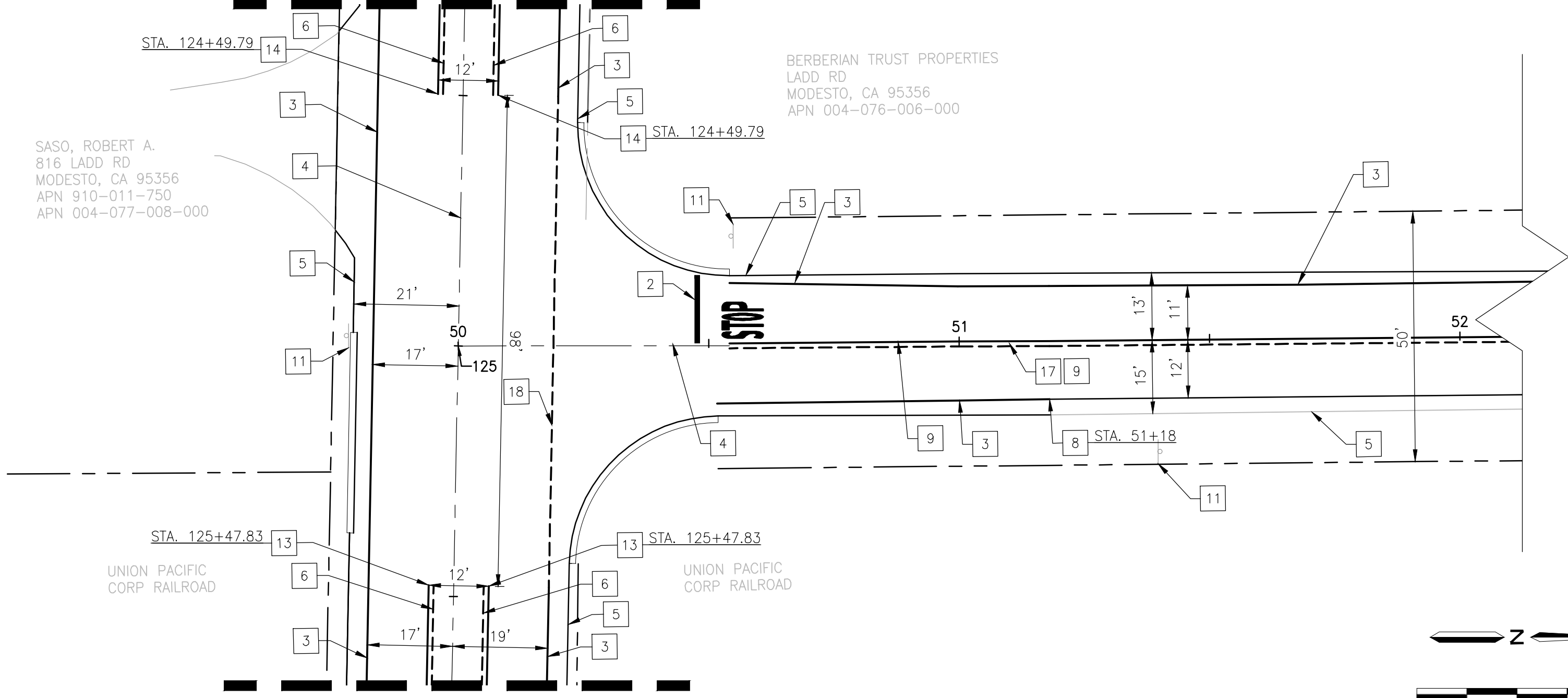
MODESTO, CA 95356
APN 004-076-007-000



LADD ROAD

STA: 133+00 - 134+81.26

LADD ROAD
SEE SHEET C6.1 FOR CONTINUATION

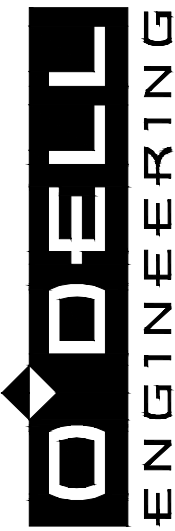


ST JOHN ROAD

STA: 50+00 TO COUNTRY CLUB DRIVE

SEE ABOVE FOR CONTINUATION
LADD ROAD

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DESCRIPTIONS		APPROVED	
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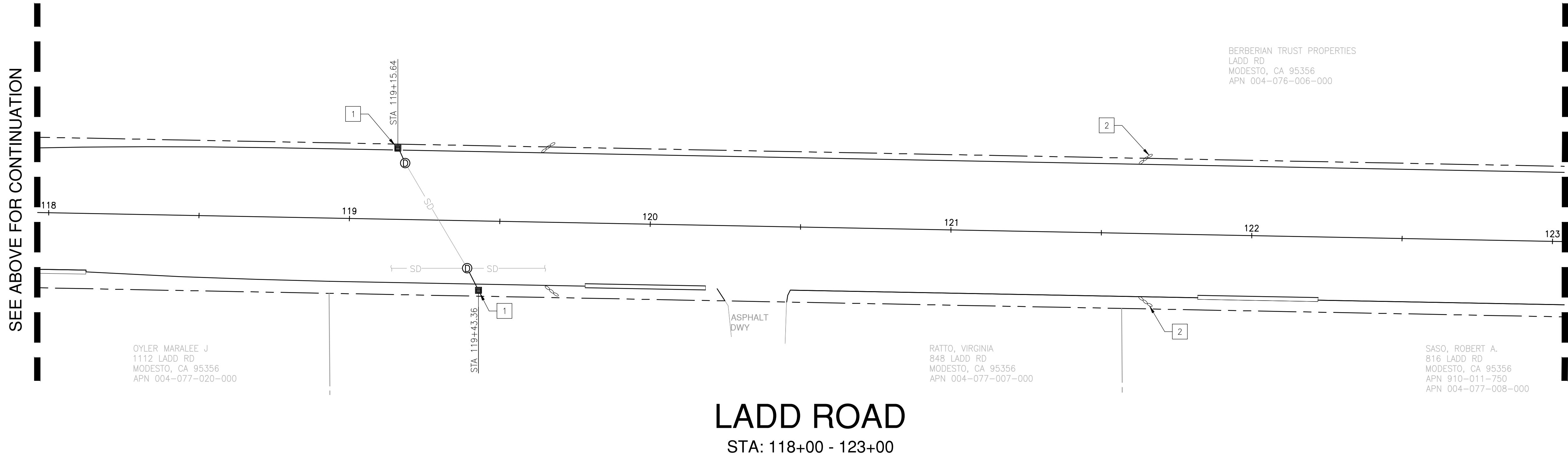


SIGNAGE & STRIPING PLAN -
LADD ROAD STA: 133+00 - 134+81.26 & ST JOHN
ROAD STA: 50+00 TO COUNTRY CLUB DRIVE
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER
C6.2
OF 19 SHEETS

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SHEET NOTES

- 1 DRAIN INLET PROTECTION PER DETAIL, THIS SHEET.
- 2 GRAVEL BAGS (TYP.)

EROSION CONTROL NOTES:

THIS PLAN PROVIDES EROSION CONTROL AND SEDIMENTATION INFORMATION AND DESIGN USING THE FOLLOWING ASSUMPTIONS:
*GROUND HAS BEEN ROUGH GRADED

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SEDIMENT CONTROL DEVICES

CONTRACTOR TO PROVIDE TEMPORARY SEDIMENT CONTROL DEVICE AT CATCH BASINS AS SHOWN IN DETAIL. CONTRACTOR MAY SUBSTITUTE OTHER SEDIMENT CONTROL DEVICES (GRAVEL BAGS, SILT TRAPS, ETC.) UNDER THE DIRECTION OF THE QSP. MODIFICATIONS TO THIS PLAN NEED TO BE APPROVED BY QSD, AND LOGGED IN THE SWPPP AMENDMENT LOG.

DUST CONTROL MEASURES

CONTRACTOR TO PRACTICE DUST CONTROL MEASURES IN ACCORDANCE WITH STANISLAUS COUNTY STANDARDS THROUGHOUT CONSTRUCTION.

EROSION CONTROL LEGEND

- GRAVEL BAGS
- DRAIN INLET PROTECTION PER DETAIL, THIS SHEET.

WINTERIZATION NOTES

ALL MATERIALS NECESSARY FOR WINTERIZATION SHALL BE AVAILABLE AT THE SITE COMPLETED BY OCTOBER 15.

WINTERIZATION SHALL BE INSTALLED ACCORDING TO THIS PLAN AND AS DIRECTED BY THE QUALIFIED SWPPP PRACTITIONER (QSP).

FILL SLOPES: AVOID LEAVING SHINY, SMOOTH GRADED SURFACES. THE LAST GRADING OPERATION SHALL BE TO WALK A TRACK-TYPE TRACTOR UP AND DOWN THE SLOPE, CREATING CLEAT MARKS ON THE SLOPE WITH CONTOURS. THESE WILL PROVIDE SEED AND FIBER COLLECTION POINTS.

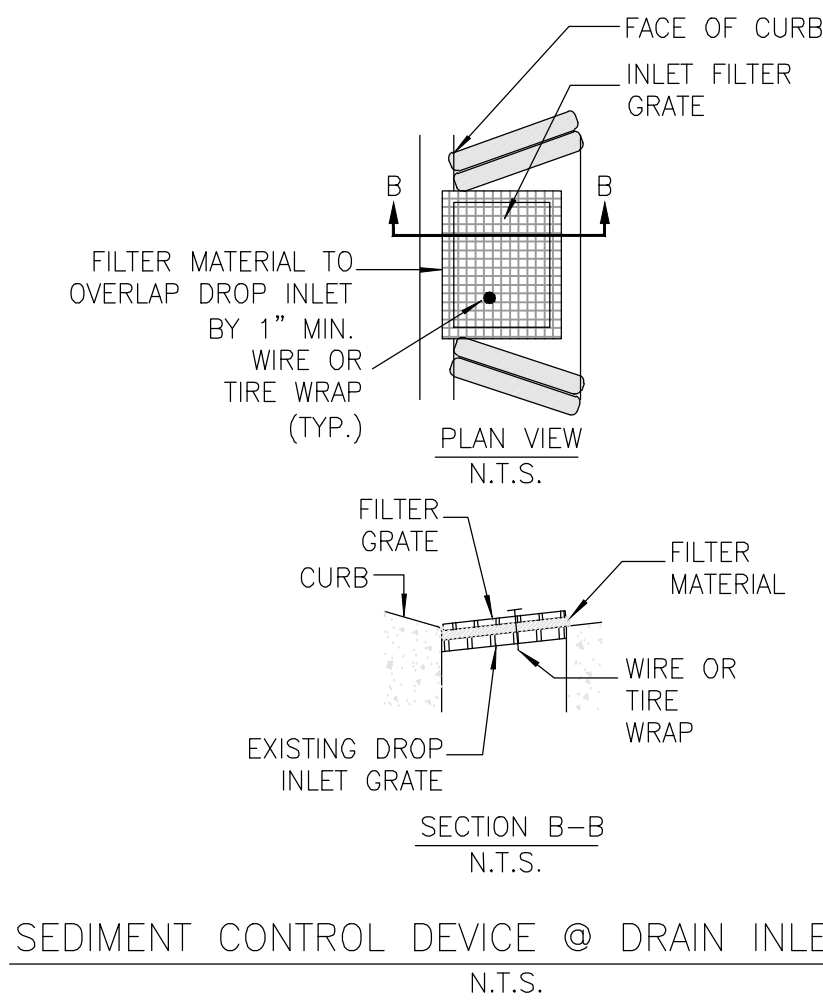
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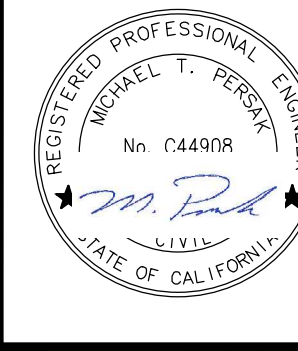
NOTE:
CONTRACTOR TO ESTABLISH DI PROTECTION FOR ALL DOWNSTREAM DI'S

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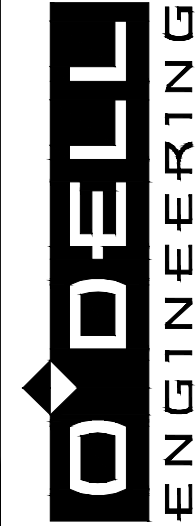
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EROSION CONTROL PLAN -
LADD ROAD STA: 116+64.78 - 123+00
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

SHEET
NUMBER
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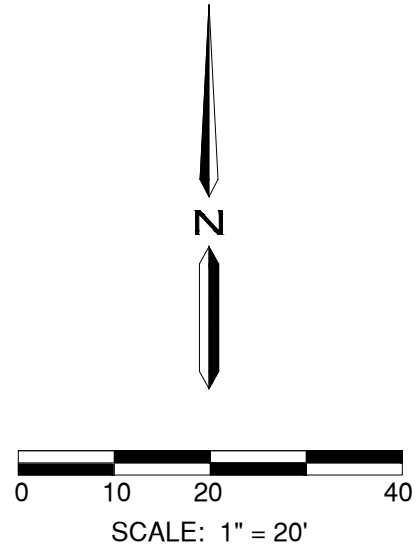
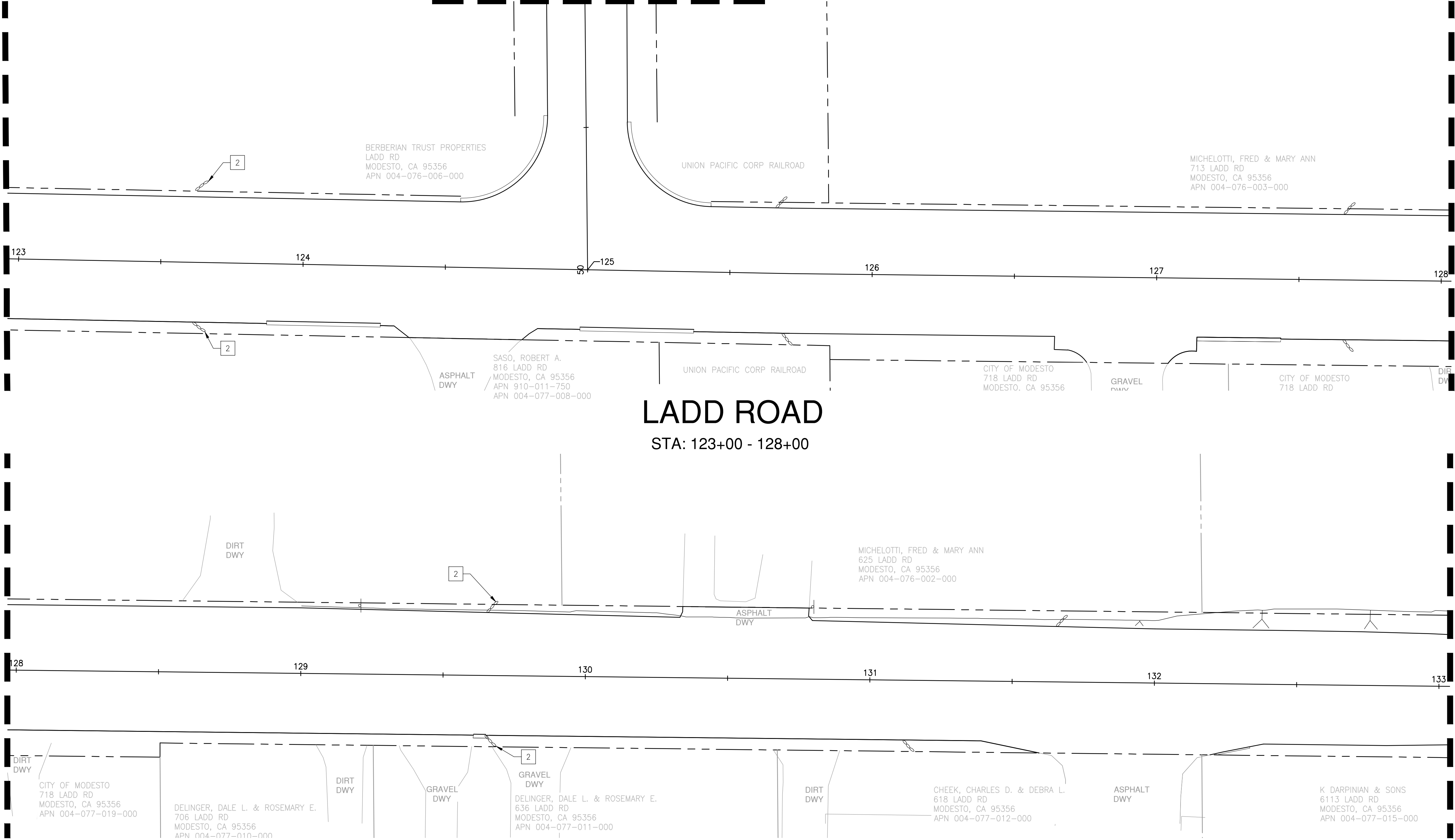
SEE SHEET C7.0 FOR CONTINUATION

SEE ABOVE FOR CONTINUATION

SEE BELOW FOR CONTINUATION

SEE SHEET C7.2 FOR CONTINUATION

ST JOHN ROAD
SEE SHEET C7.2 FOR CONTINUATION



SHEET NOTES

- 1 DRAIN INLET PROTECTION PER DETAIL, SHEET C7.0.
- 2 GRAVEL BAGS (TYP.)

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DUST CONTROL MEASURES

CONTRACTOR TO PRACTICE DUST CONTROL MEASURES IN ACCORDANCE WITH STANISLAUS COUNTY STANDARDS THROUGHOUT CONSTRUCTION.

EROSION CONTROL LEGEND

- GRAVEL BAGS
- DRAIN INLET PROTECTION PER DETAIL, SHEET C7.0.

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LADD ROAD
STA: 123+00 - 128+00

LADD ROAD
STA: 128+00 - 133+00

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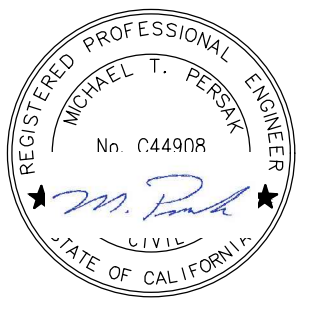
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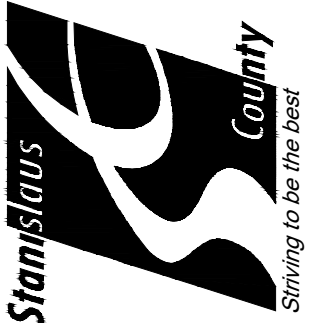
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DATE:		DATE:	
REVISIONS		APPROVED	
NO	DESCRIPTIONS	DATE	

STANISLAUS COUNTY
DEPARTMENT OF PUBLIC WORKS
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EROSION CONTROL PLAN -
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SHEET NOTES

- 1

DRAIN INLET PROTECTION PER DETAIL, SHEET C7.0.
- 2

GRAVEL BAGS (TYP.)

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EROSION CONTROL LEGEND

- GRAVEL BAGS
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ALL MATERIALS NECESSARY FOR WINTERIZATION SHALL BE AVAILABLE AT THE SITE COMPLETED BY OCTOBER 15.

WINTERIZATION SHALL BE INSTALLED ACCORDING TO THIS PLAN AND AS DIRECTED BY THE QUALIFIED SWPPP PRACTITIONER (QSP).

FILL SLOPES: AVOID LEAVING SHINY, SMOOTH GRADED SURFACES. THE LAST GRADING OPERATION SHALL BE TO WALK A TRACK-TYPE TRACTOR UP AND DOWN THE SLOPE, CREATING CLEAT MARKS ON THE SLOPE WITH CONTOURS. THESE WILL PROVIDE SEED AND FIBER COLLECTION POINTS.

CUT SLOPES: AVOID LEAVING SHINY, SMOOTH GRADED SURFACES. THE LAST GRADING OPERATION SHALL LEAVE THE SLOPE IN A ROUGHENED CONDITION WITH 2 INCHES OF LOOSESED MATERIAL FOR SEEDING.

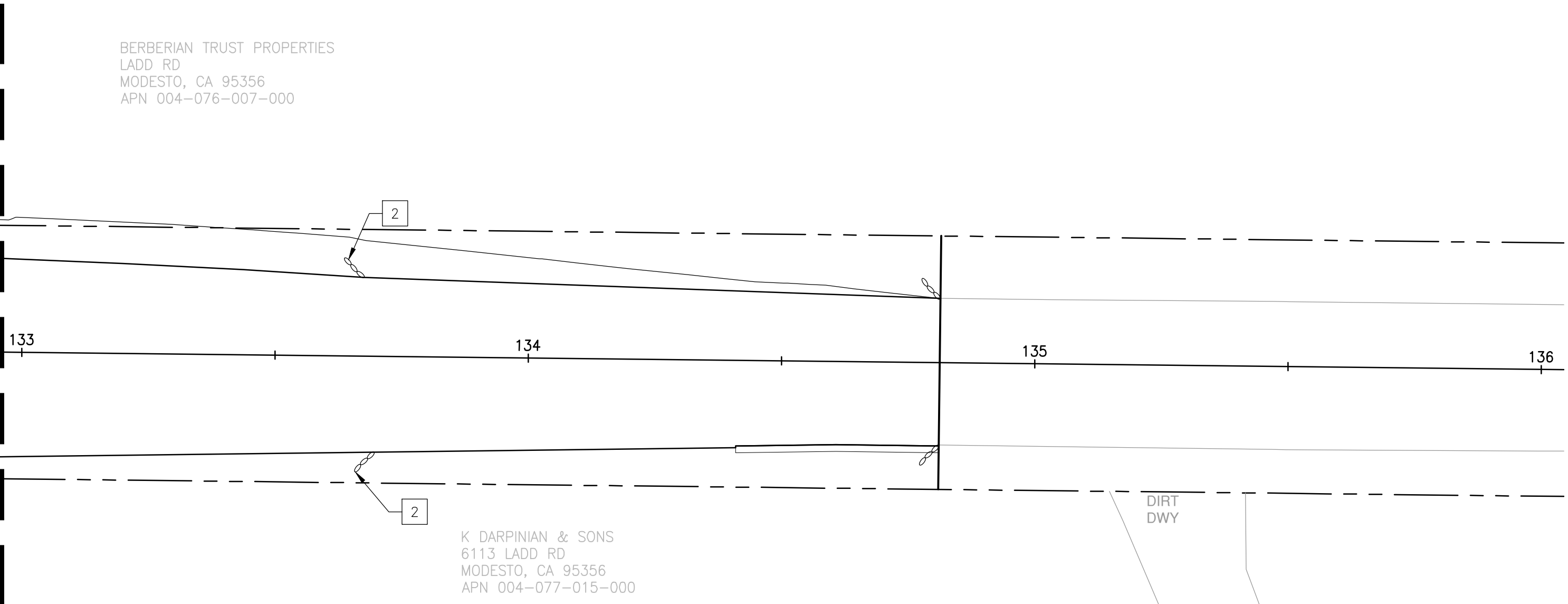
EACH FIBER ROLL SHALL BE SECURELY HELD WITH 1"x1"x18" STAKES.

IF ANY GRAVEL BAGS ARE MOVED AND/OR RELOCATED IN GAINING ACCESS TO THE SITE DURING THE WINTER MONTHS, THEY SHALL BE REPLACED IF THEY ARE NO LONGER STABLE. ONCE INSTALLED, ALL WINTERIZATION MATERIALS SHOULD BE CHECKED BEFORE EACH WEEKEND AND EACH STORM.

THIS PLAN IS INTENDED TO BE USED FOR EROSION CONTROL ONLY. OTHER INFORMATION SHOWN HEREIN MAY NOT BE THE MOST CURRENT.

AFTER THE UNDERGROUND STORM DRAIN SYSTEM IS INSTALLED, THE CATCH BASINS WILL BE INSTALLED (AS SOON AS PRACTICAL) AND THE SEDIMENT CONTROL DEVICE WILL BE PLACED AROUND THOSE CATCH BASINS AS SHOWN ON THIS PLAN AND IN THE DETAIL ON THE SHEET UNTIL THE SITE IS PAVED.

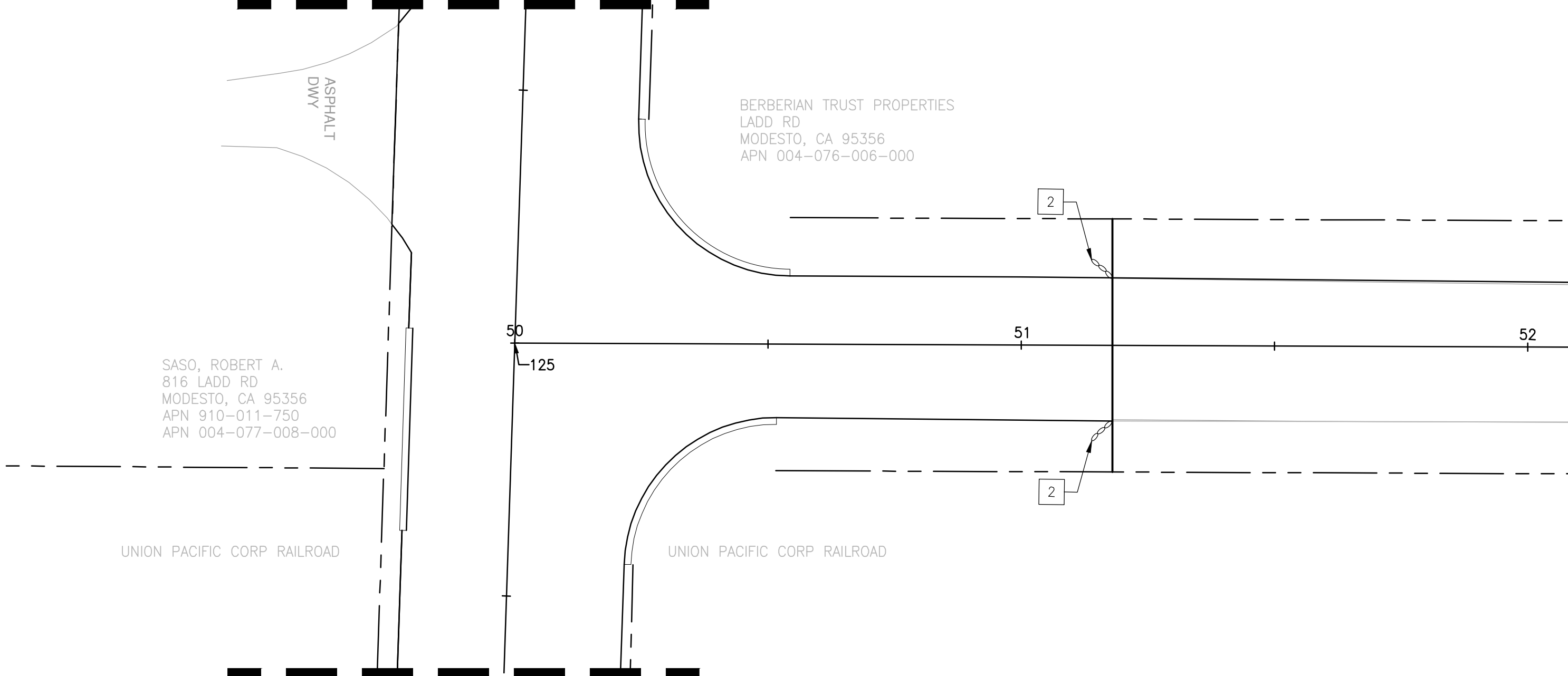
SEE SHEET C7.1 FOR CONTINUATION



LADD ROAD

STA: 133+00 - 134+81.26

SEE SHEET C7.1 FOR CONTINUATION



ST JOHN ROAD

STA: 50+00 - 51+17.97

NOTE:
CONTRACTOR TO ESTABLISH DI PROTECTION FOR ALL DOWNSTREAM DI'S

- NOTES:**
- ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD. IT IS IMPERATIVE THAT "U.S.A. LOCATING SERVICES" LOCATE AND MARK EXISTING UTILITIES PRIOR TO THE START OF EXCAVATION.
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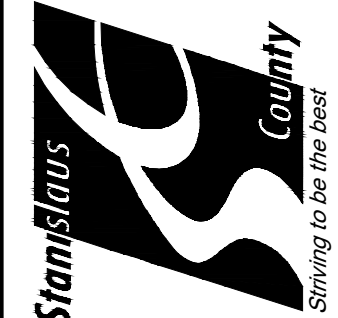
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Modesto, CA 95350

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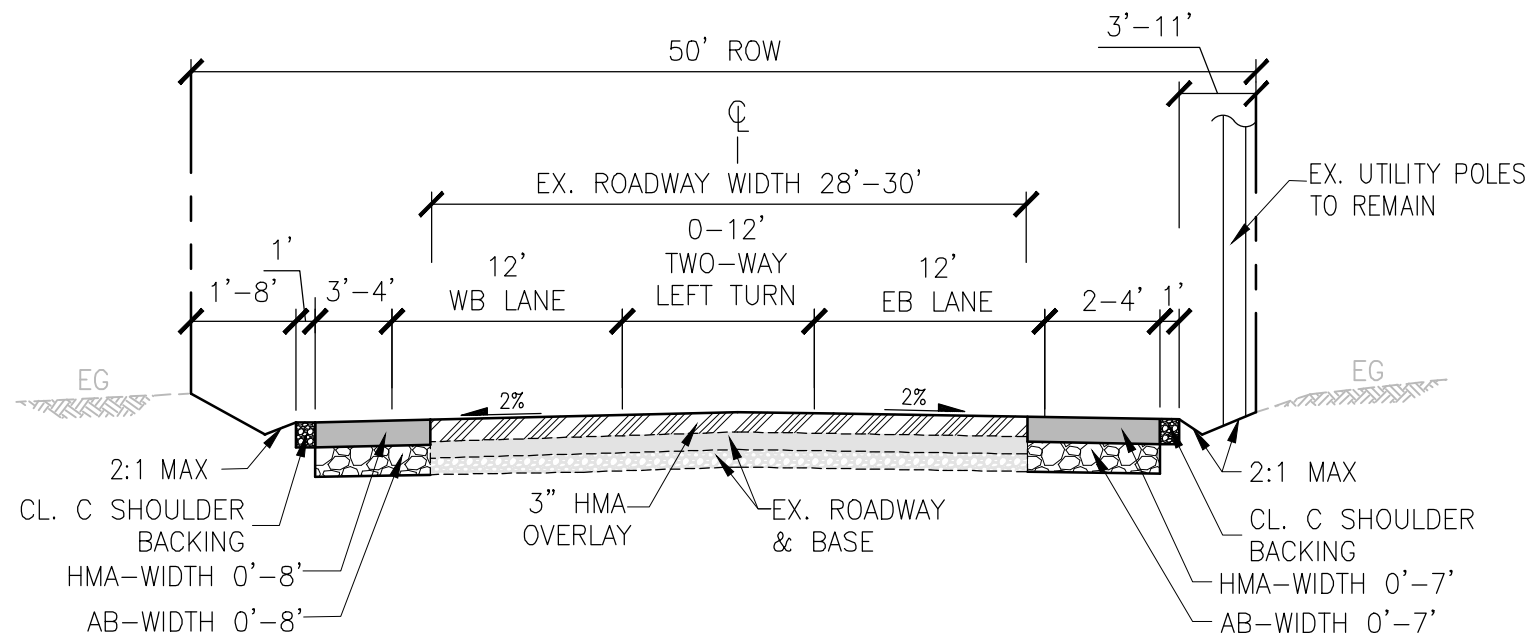
EROSION CONTROL PLAN -
LADD ROAD STA: 133+00 - 134+81.26
& ST JOHN ROAD STA: 50+00 - 51+17.97

INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE 1"=20'

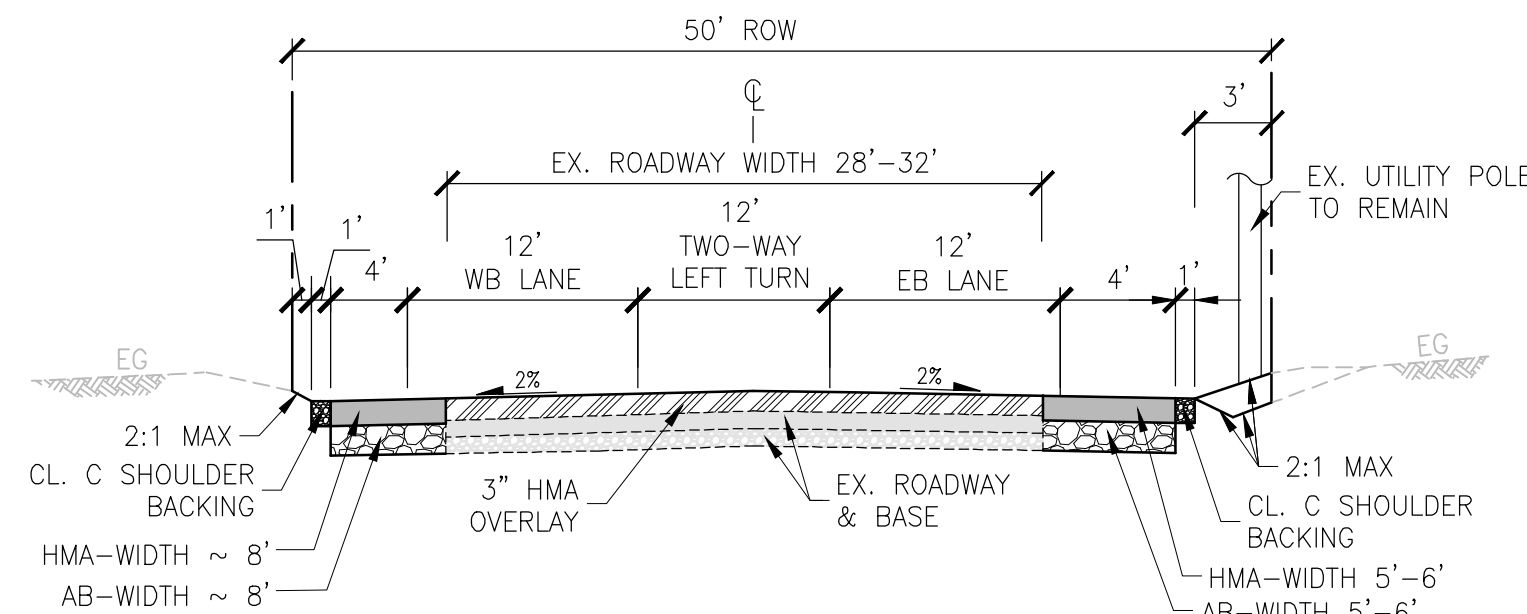
SHEET
NUMBER
C7.2
OF 19 SHEETS

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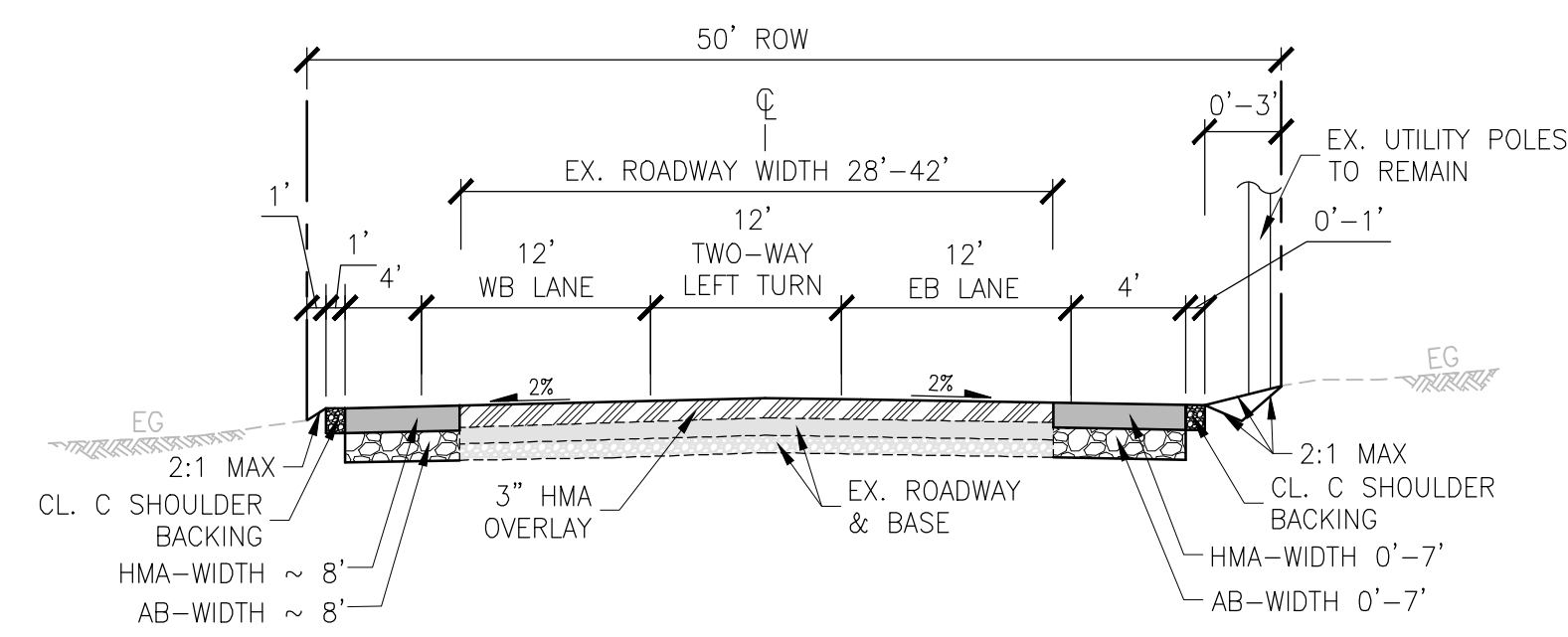
1 TYPICAL CROSS SECTION - LADD ROAD STA 116+65 - 118+94

NOT TO SCALE



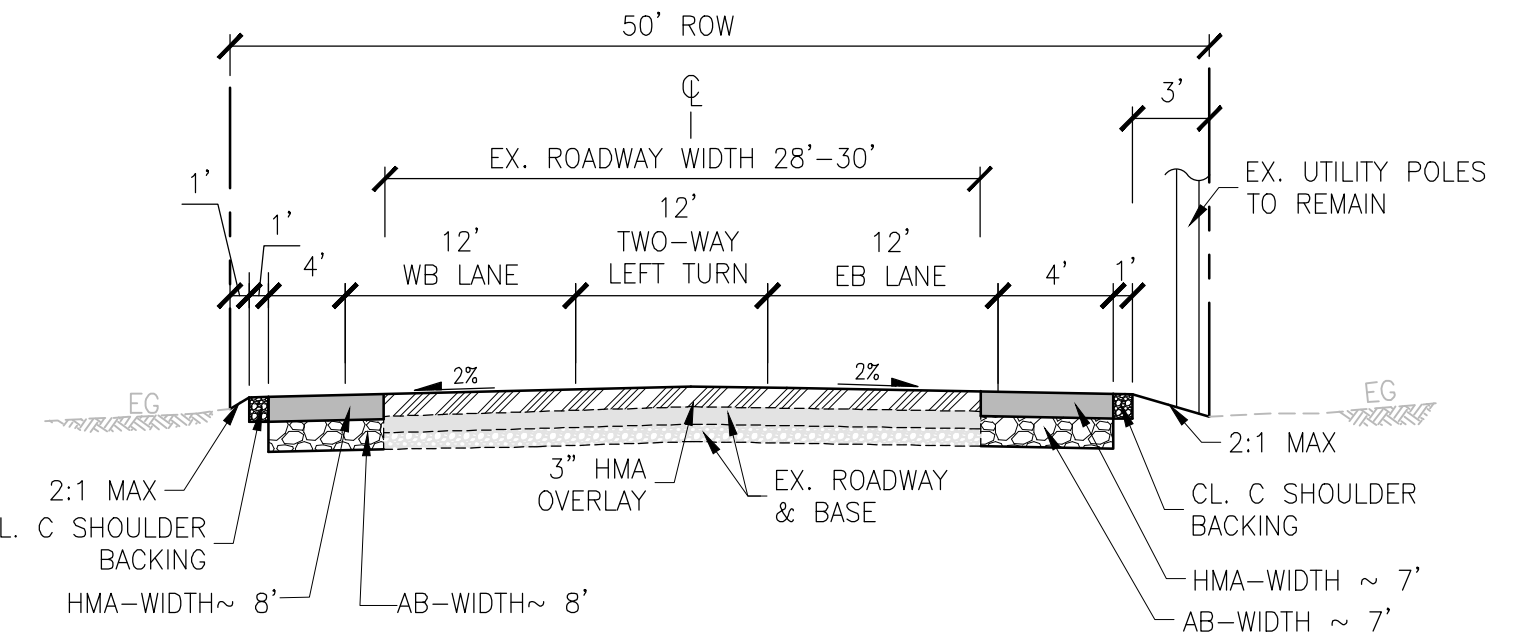
2 TYPICAL CROSS SECTION - LADD ROAD STA 118+94 - 120+08

NOT TO SCALE



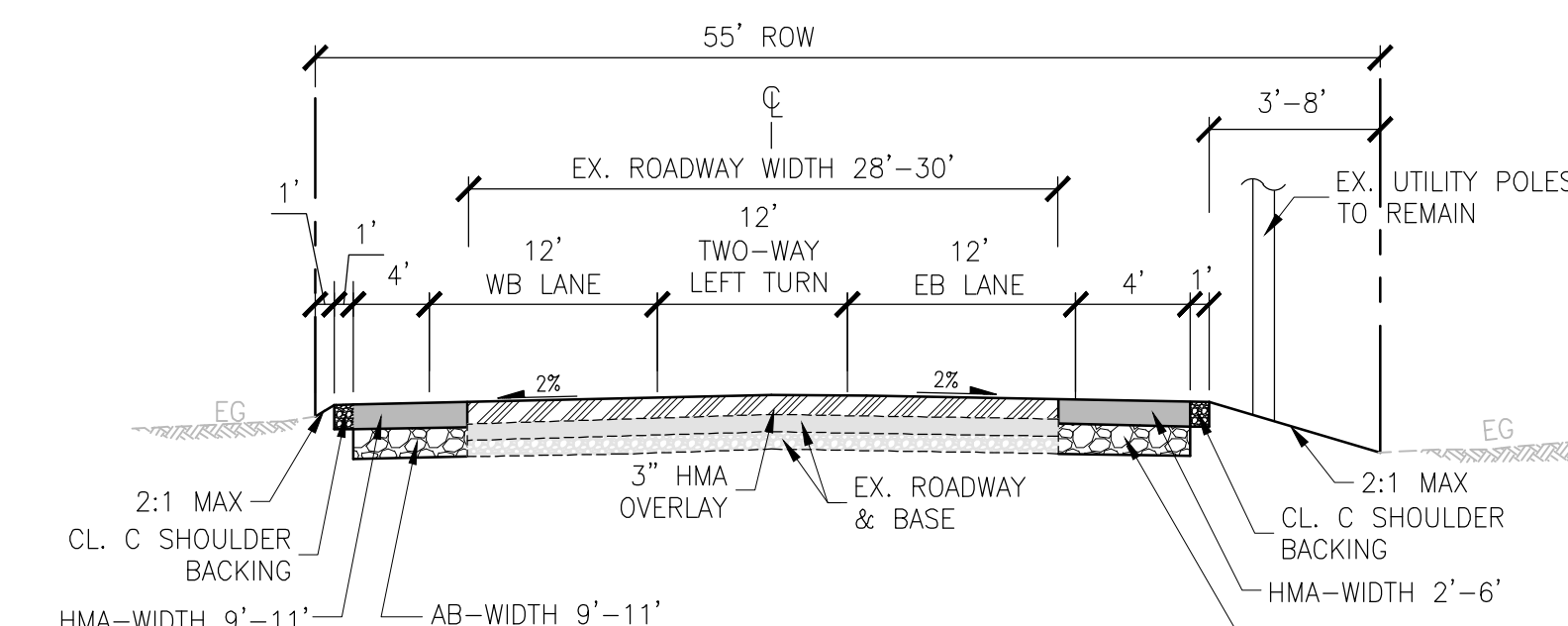
3 TYPICAL CROSS SECTION - LADD ROAD STA 120+08 - 122+28

NOT TO SCALE



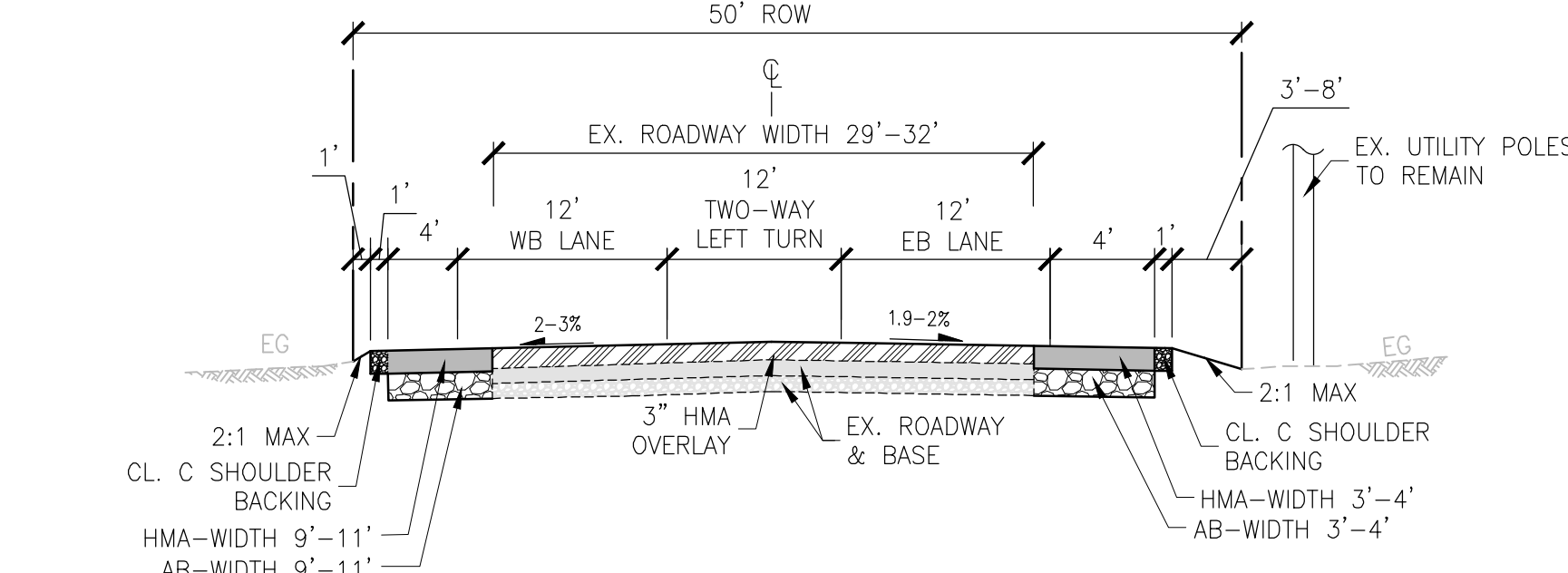
4 TYPICAL CROSS SECTION - LADD ROAD STA 122+28 - 124+50

NOT TO SCALE



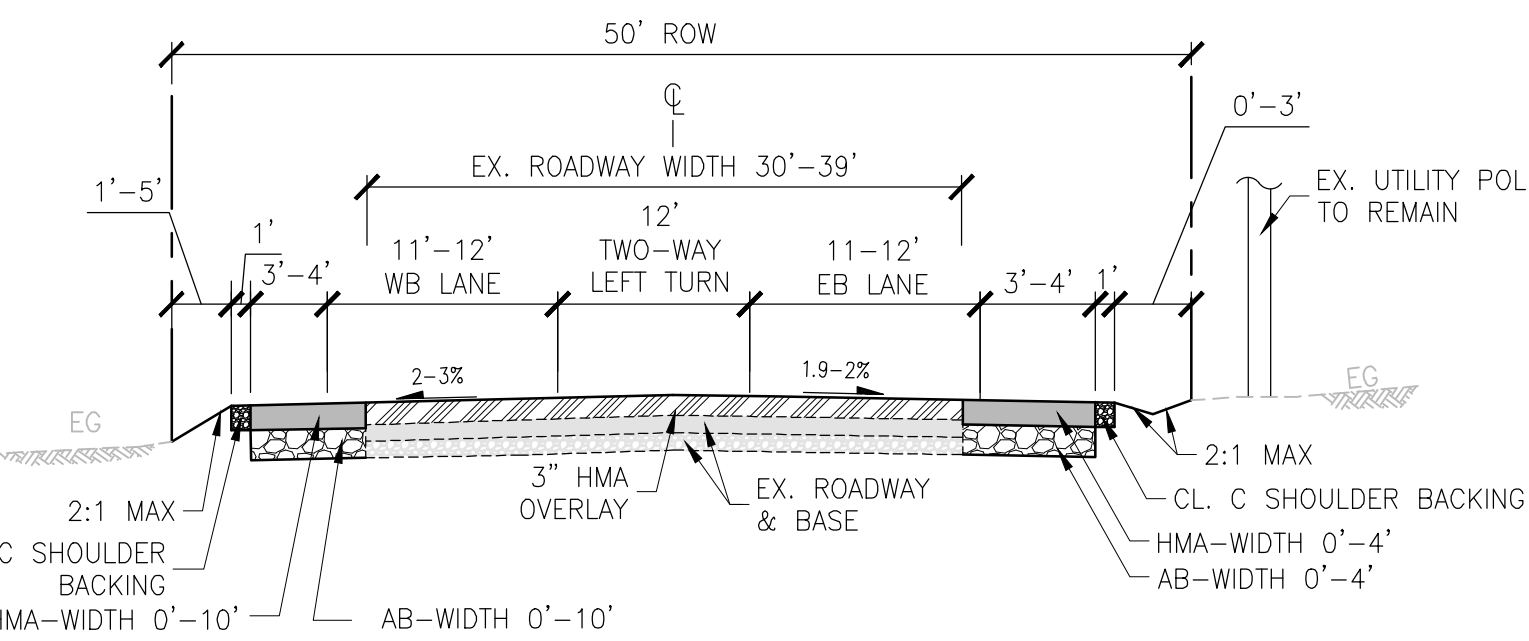
5 TYPICAL CROSS SECTION - LADD ROAD STA 125+85 - 128+51

NOT TO SCALE



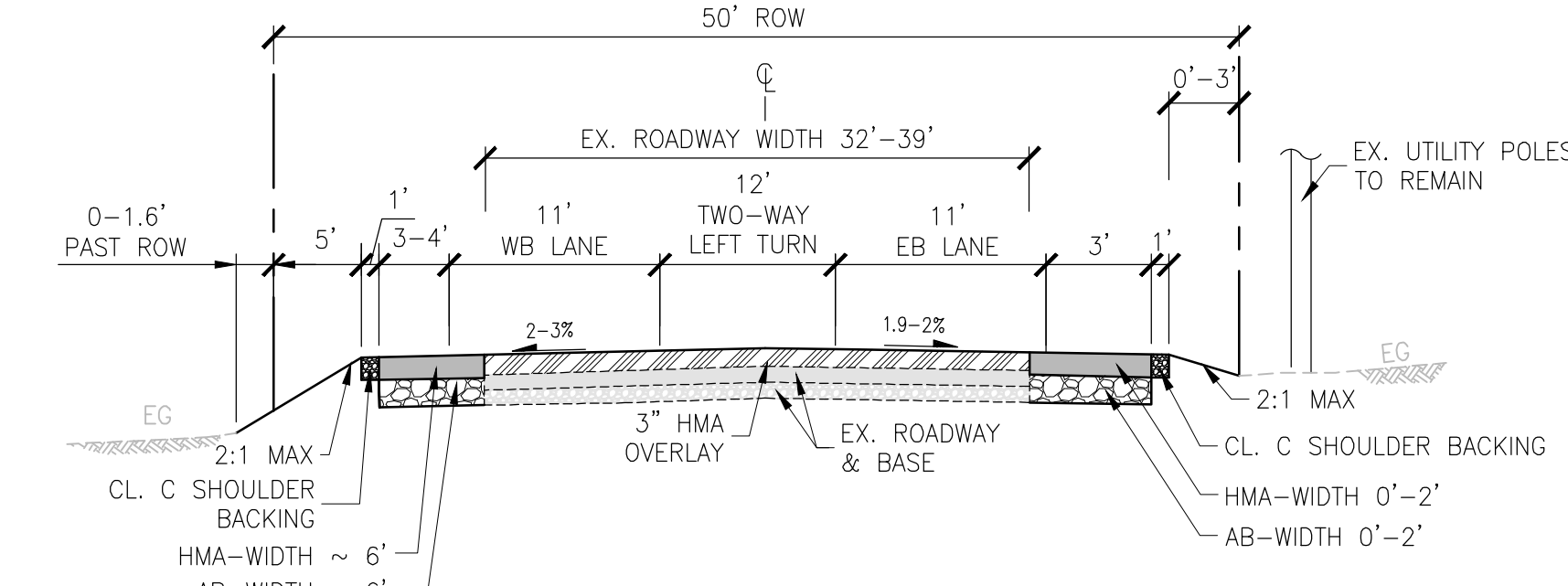
6 TYPICAL CROSS SECTION - LADD ROAD STA 128+51 - 129+00

NOT TO SCALE



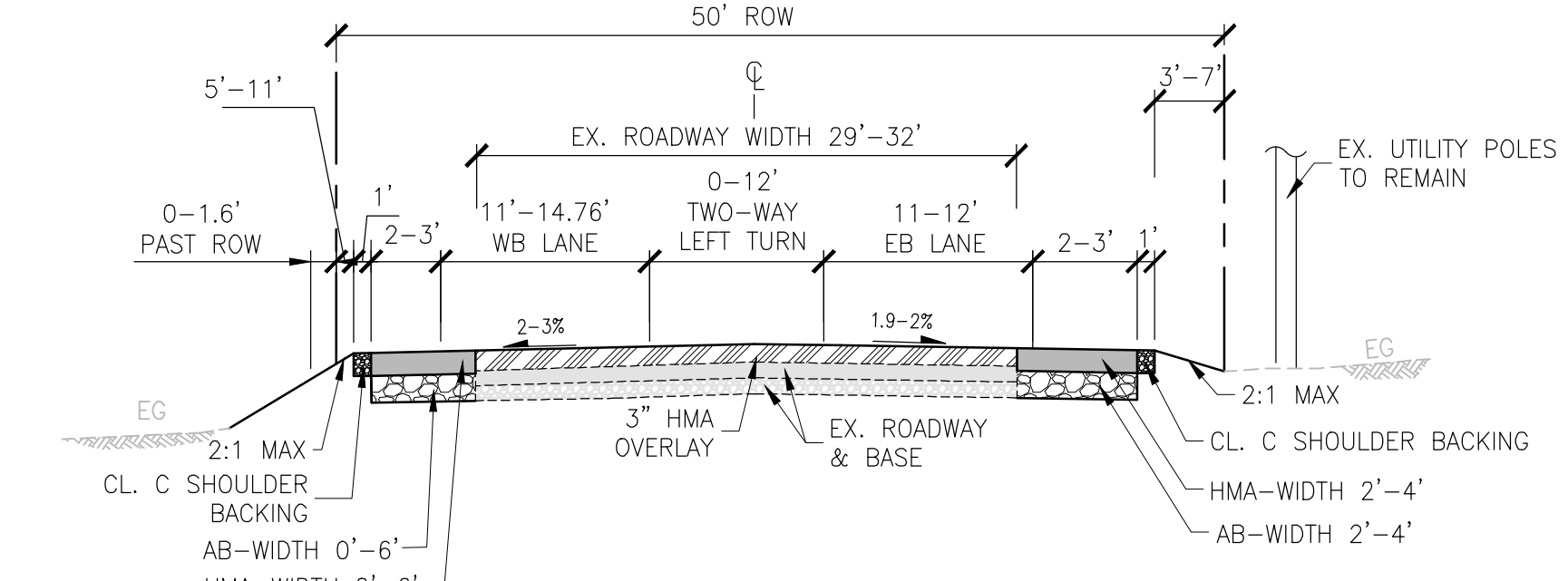
7 TYPICAL CROSS SECTION - LADD ROAD STA 129+00 - 132+00

NOT TO SCALE



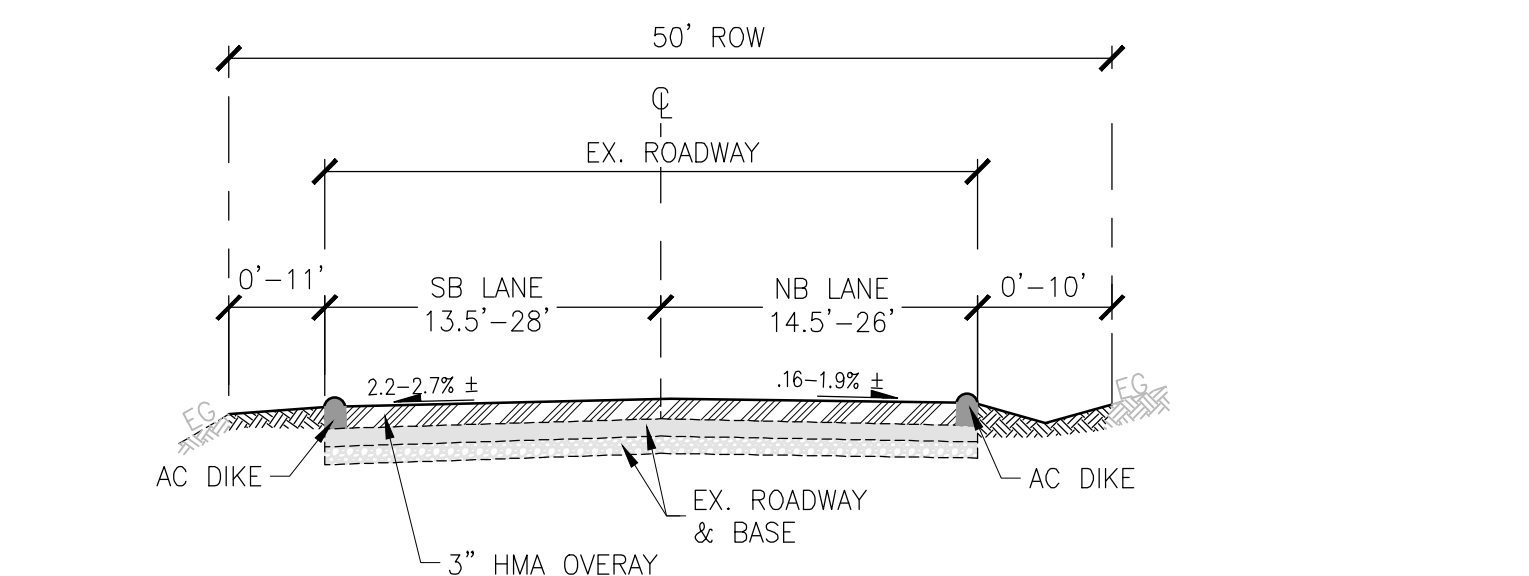
8 TYPICAL CROSS SECTION - LADD ROAD STA 132+00 - 132+49

NOT TO SCALE



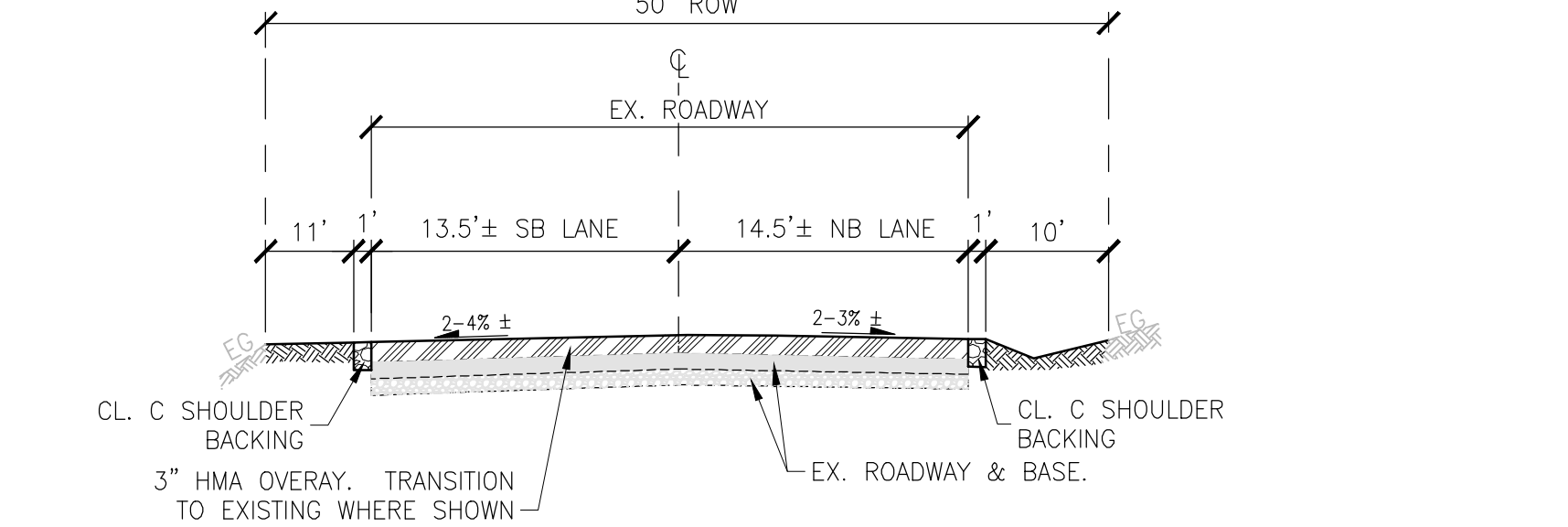
9 TYPICAL CROSS SECTION - LADD ROAD STA 132+49 - 134+81

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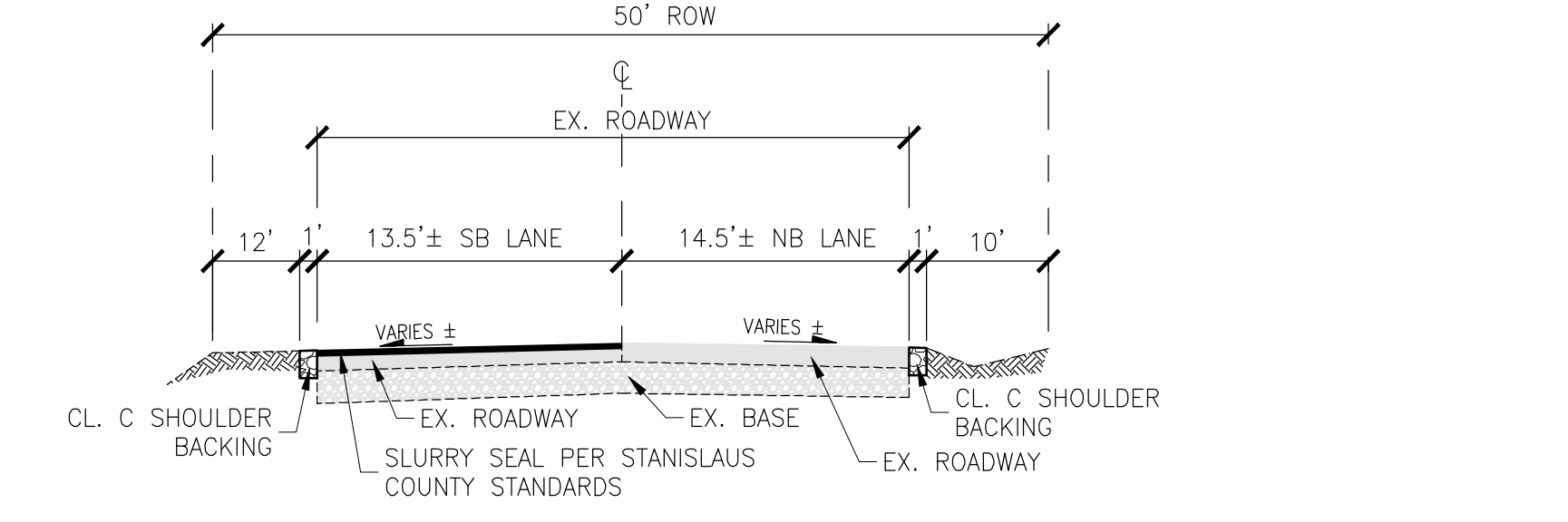
10 TYPICAL CROSS SECTION - ST. JOHN ROAD - STA 50+28.93 TO 50+54.32

NOT TO SCALE



11 TYPICAL CROSS SECTION - ST. JOHN ROAD - STA 50+54.32 TO 51+18.00

NOT TO SCALE



12 TYPICAL CROSS SECTION - ST. JOHN ROAD - STA 51+18.00 TO

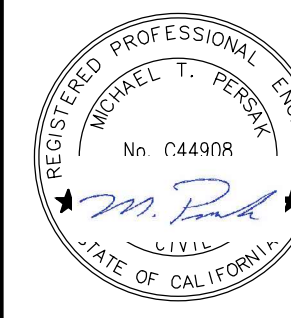
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NOTES:

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Know what's below.
Call before you dig.



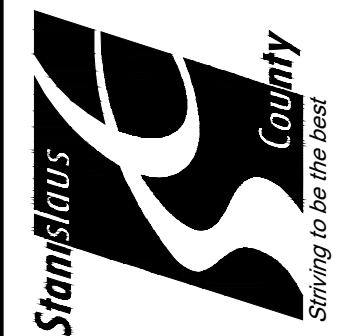
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Modesto, CA 95350
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DATE	APPROVED
DATE	DATE
REVISIONS	DESCRIPTIONS
NO	

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DEPARTMENT OF PUBLIC WORKS
ENGINEERING AND OPERATIONS DIVISION
1716 MORGAN ROAD - MODESTO, CA 95358



TYPICAL CROSS SECTIONS
INTERSECTION SAFETY IMPROVEMENT PROJECT
LADD ROAD & ST. JOHN ROAD
STANISLAUS COUNTY, CALIFORNIA

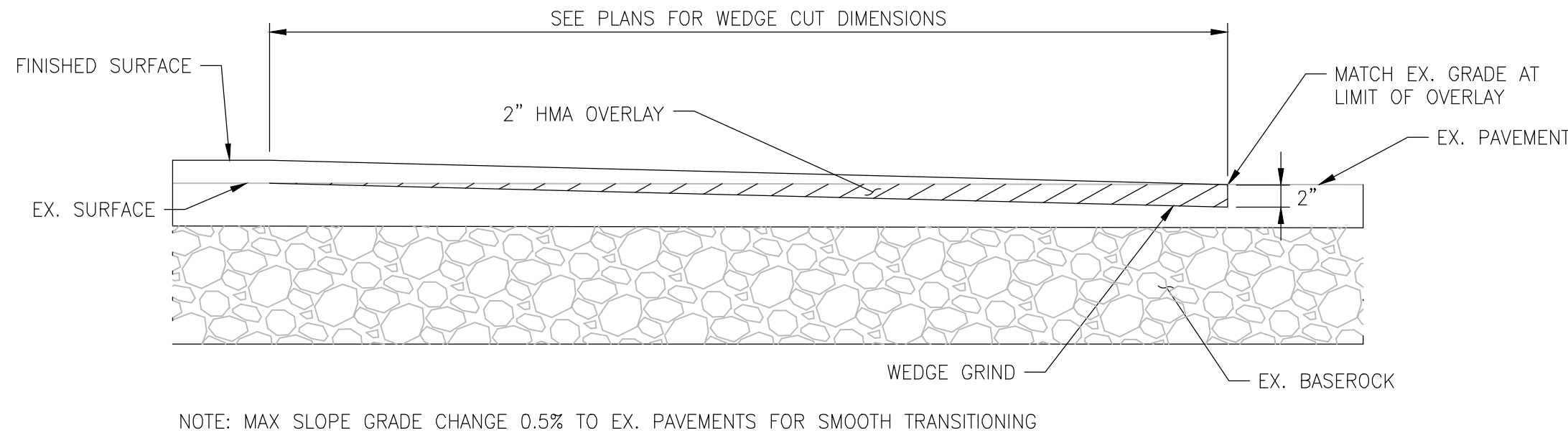
JOB NO 34790
DATE 06/08/2020
DR BY VA/JH
CK BY VA/MP
SCALE NTS

SHEET
NUMBER

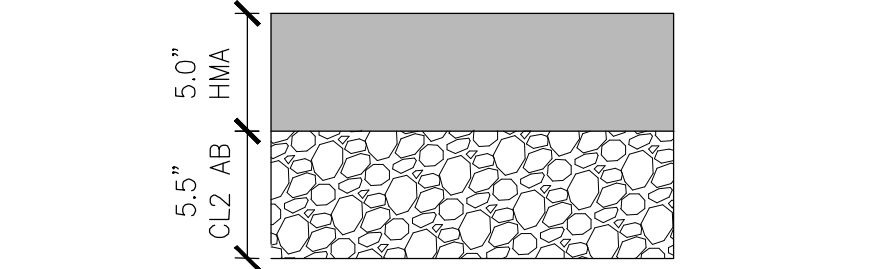
C8.0

OF 19 SHEETS

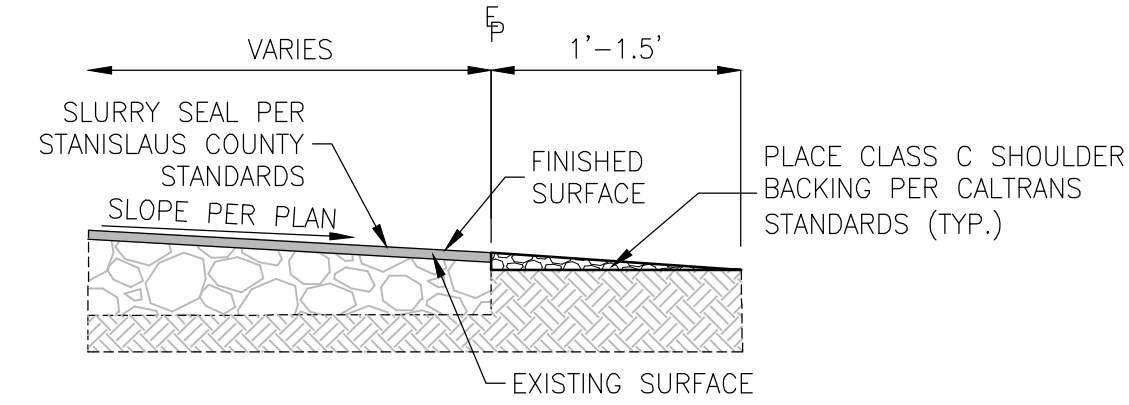
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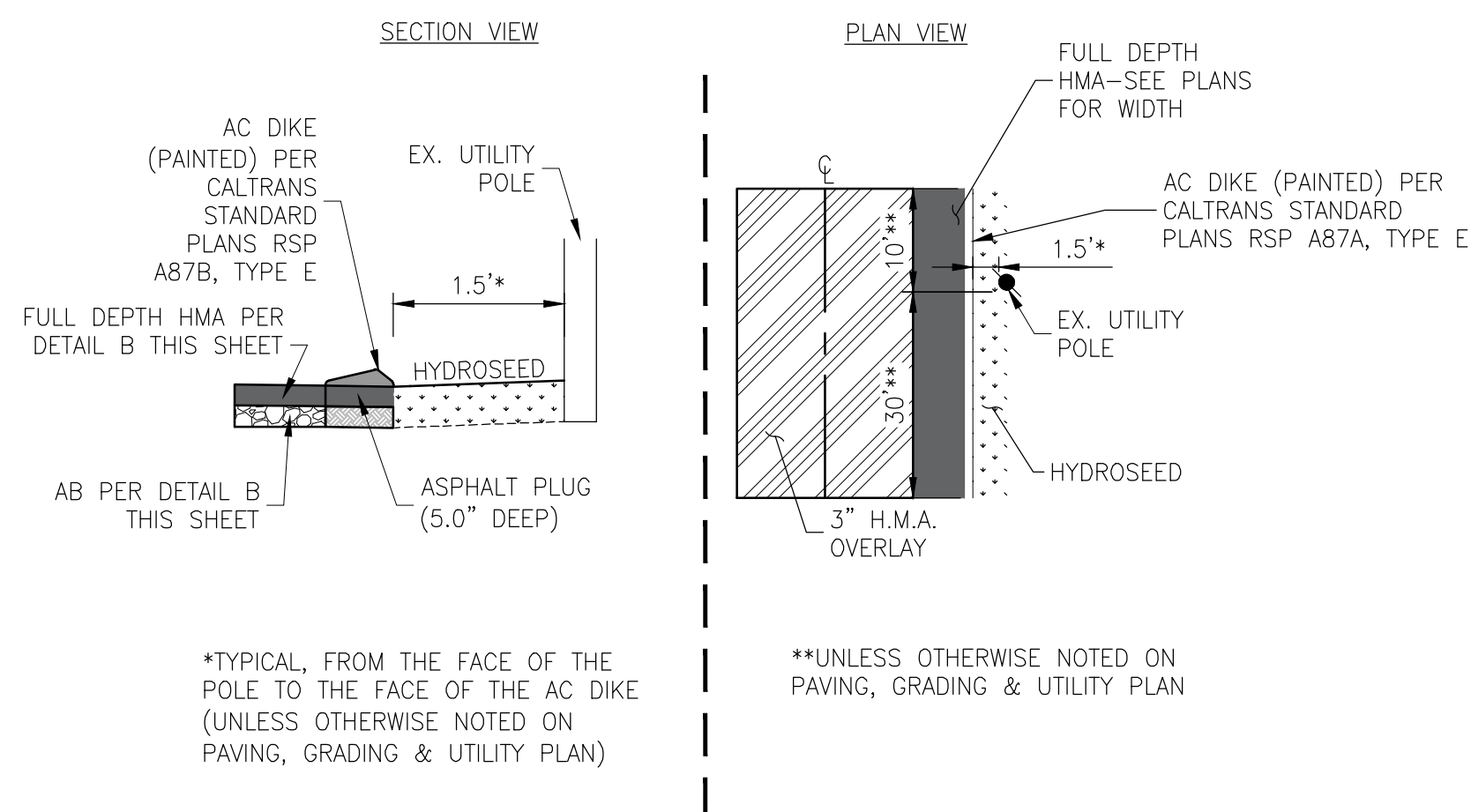
A OVERLAY LIMIT FULL GRIND DETAIL NOT TO SCALE



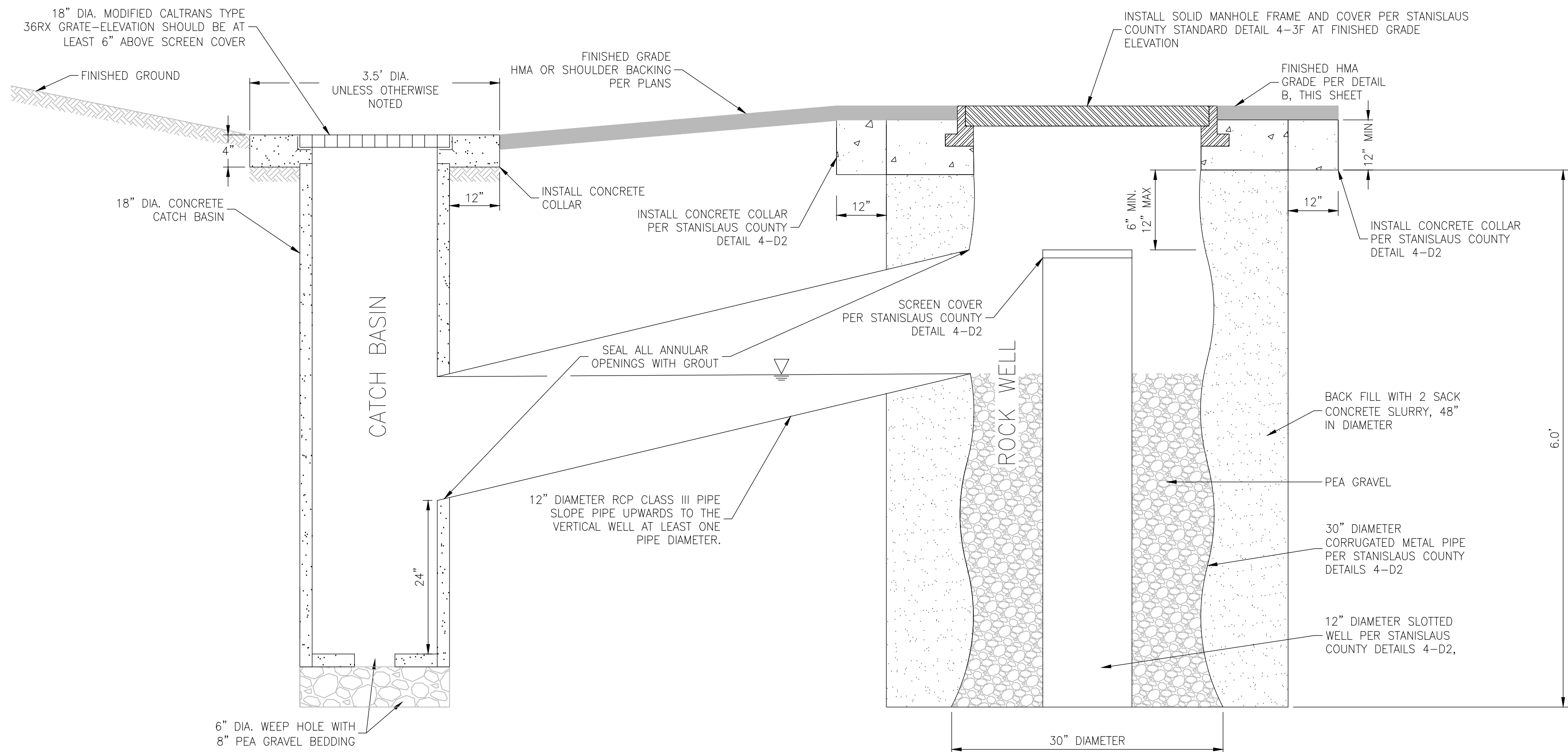
B HMA PAVEMENT SECTION NOT TO SCALE



C SHOULDER BACKING DETAIL NOT TO SCALE



D AC DIKE (PAINTED) UTILITY POLE PROTECTION NOT TO SCALE



- NOTE:
1. SEE SHEET C5.0 FOR STRUCTURE AND PIPE INVERT ELEVATIONS.
 2. SEE SHEET C5.0 FOR STATIONING/LOCATION OF CATCH BASINS AND ROCK WELLS TO BE INSTALLED.
 3. SEE STANISLAUS COUNTY STANDARD DETAIL 4-D2 FOR MORE INFORMATION.

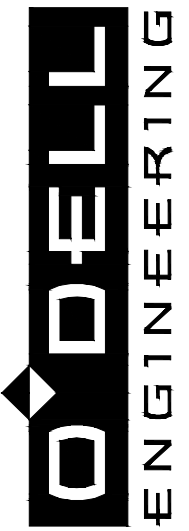
E PROPOSED CATCH BASIN AND ROCK WELL (TYP.) NOT TO SCALE

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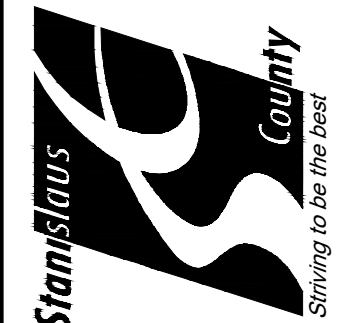


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NO	DESCRIPTIONS	DATE	DATE

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1716 MORGAN ROAD - MODESTO, CA 95358



DETAILS
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LADD ROAD & ST. JOHN ROAD
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JOB NO **34790**
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SCALE **NTS**

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