Project Contact

Denise Zitnik
**County Project Engineer**
(209) 533-5633
2 S. Green Street
Sonora, CA 95370
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# Kewin Mill Road Reconstruction Project

Project No. 1730
Federal Project No.

## Description

The proposed project will repair Kewin Mill Road from Broken Pine Road to High Grade Lane (0.94 miles) .Nichols Consulting Engineers has recommended reconstruction using full depth reclamation.

## Purpose and Need

The current Pavement Condition Index (PCI) for the County is 30. A goal of the Board of Supervisors is to improve transportation infrastructure by facilitating a Pavement Management Program.

## Strategic Plan Goals

2018-19 Road Maintenance and Rehabilitation Act List

## Funding Sources

Road Maintenance and Rehabilitation Account (RMRA)

**Total Project Cost:** $990,417

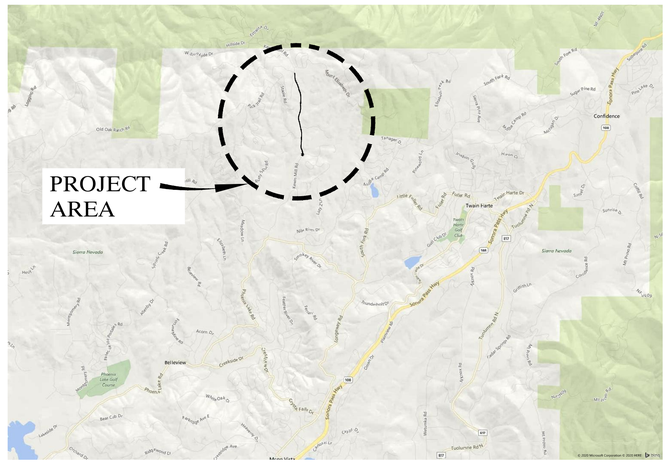
## Current Phase

Plans, specifications, and estimates are being prepared for this project.

**Anticipated Year of Construction:** TBD

# TUOLUMNE COUNTY
# RMRA MITIGATION-FUNDED ROAD REPAIR
# KEWIN MILL ROAD

[ Project Number]




LOCATION MAP
NTS

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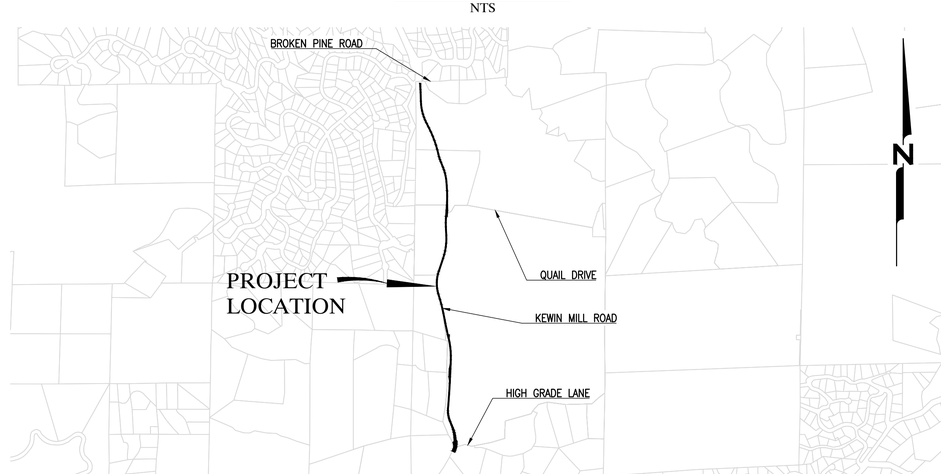
ENGINEER

NCE
8795 Folsom Blvd, Suite 250
Sacramento, Ca 95826
(916)388-5655 * Fax (916)388-5676

OWNER

Tuolumne County
48 W. Yaney Street,4th Floor
Sonora, CA 95370
Ph: (209)533-5601


VICINITY MAP
NTS

PREPARED UNDER
THE DIRECTION OF:

FRANZ HAIDINGER, P.E.
CHIEF ENGINEER, NCE — DATE

REVIEWED
BY:

STEVE HAWKINS, P.E.
SUPERVISING CIVIL ENGINEER, MGE — DATE

APPROVED
BY:

TANYA SANGUINETTI, P.E.
ENGINEERING MANAGER, TUOLUMNE COUNTY — xx DATE

APPROVED
BY:

Name and Licence
Title and Agency — xx DATE

REGISTERED PROFESSIONAL ENGINEER
FRANZ G. HAIDINGER
NO. C 64725
EXP. 06/30/21
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
PRELIMINARY
FOR REVIEW
NOT FOR CONSTRUCTION
DATE: 03/12/2020

Know what's below. Call before you dig.

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISORS APPROVAL

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

TITLE SHEET

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. ----
DATE 3/21/2020
DR BY EK
CK BY --
BRIDGE NO. NA

SHEET NUMBER
1
OF 23 SHEETS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## CORE SUMMARY TABLE

| STREET NAME | BEGIN | END | CORE NUMBER* | DIRECTION | Actual STA+ 1000 ft | DEPTH TO FABRIC (IN) | TOTAL AC THICKNESS (IN) | AB THICKNESS (IN) |
|---|---|---|---|---|---|---|---|---|
| KEWIN MILL RD (SECTION1) | HIGH GRADE ROAD | .25 MILES NORTH OF HIGH GRADE ROAD | K-1 | NB | 12+49 | No | 4.7 | 4.5 |
| | | | K-2 | SB | 18+25 | No | 2.2 | 4.1 |
| KEWIN MILL RD (SECTION2) | .25 MILES NORTH OF HIGH GRADE ROAD | BROKEN PINE ROAD | K-3 (8" Bulk) | SB | 28+00 | No | 2.9 | 5.7 |
| | | | K-4 | NB | 37+75 | No | 0.8 | 4.4 |
| | | | K-6 | SB | 53+50 | No | 2.2 | 6.9 |

SIGNATURES:

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PLANS APPROVAL DATE

SUPERVISOR'S APPROVAL

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# GENERAL NOTES

1. 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 THEREOF SHALL BE CONCLUSIVE.

2. DRAWING BASE MAP IS BASED ON PARCEL INFORMATION PROVIDED BY THE CITY. PARCEL LINES ARE APPROXIMATE AND ARE FOR INFORMATION PURPOSES ONLY.

3. SPECIFIC NOTES AND DETAILS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

4. CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.

5. THE CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PLANS AND SPECIFICATIONS.

6. APPROVAL OF THESE PLANS BY THE COUNTY OR ITS AGENTS SHALL NOT RELIEVE THE CONTRACTOR OR THE APPLICANT FROM THE RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE APPROPRIATE REVISIONS SHALL BE SUBMITTED TO THE ENGINEER AND COUNTY FOR REVIEW AND APPROVAL.

7. PRIOR TO BEGINNING ANY CONSTRUCTION ON SITE, A PRE-CONSTRUCTION MEETING IS REQUIRED WITH THE COUNTY, DEVELOPER, CONTRACTORS, AND AFFECTED AGENCIES. CONTACT THE COMMUNITY RESOURCES AGENCY AT (209) 533 -5633.

8. CALL UNDERGROUND SERVICE ALERT (USA) AT 800-642-2444 TO LOCATE UNDERGROUND UTILITIES BEFORE GRADING ON THE SITE.

9. CONTACT CAL-OSHA FOR PERMIT REQUIREMENTS PRIOR TO BEGINNING WORK. (209) 576-6260.

10. NOTIFY THE COMMUNITY RESOURCES AGENCY AT (209) 533-6533 AT LEAST TWO WORKING DAYS BEFORE WORK STARTS.

11. WORK IN EASEMENT AND/OR RIGHTS-OF-WAYS IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE REGULATORY AGENCY RESPONSIBLE FOR OPERATION AND/OR MAINTENANCE OF SAID EASEMENT AND/OR RIGHTS-OF-WAY.

12. FOR ALL WORK WITHIN PUBLIC RIGHTS-OF WAYS OR EASEMENTS, THE CONTRACTOR SHALL PRESERVE THE INTEGRITY AND LOCATION OF ANY AND ALL PUBLIC UTILITIES AND PROVIDE THE NECESSARY CONSTRUCTION TRAFFIC CONTROL. CONTRACTOR SHALL, THROUGH THE ENCROACHMENT PERMIT PROCESS, VERIFY WITH THE NECESSARY REGULATORY AGENCIES, THE NEED FOR ANY TRAFFIC ROUTING PLAN.

13. HOURS OF EXTERIOR CONSTRUCTION ON THE PROJECT SITE SHALL BE LIMITED TO 7:00 A.M. TO 7:00 P.M. MONDAY THROUGH FRIDAY. ONSITE WORK MAY OCCUR ON SATURDAY, BUT NOT WITHIN THE COUNTY RIGHT-OF-WAY AND NOT ON ITEMS OR AREAS THAT REQUIRE INSPECTION BY THIS DEPARTMENT. EXTERIOR CONSTRUCTION SHALL BE PROHIBITED ON SUNDAY AND COUNTY HOLIDAYS.

14. ANY PROJECT WITH A SET OF CONDITIONS OF APPROVAL FROM THE COUNTY OF TUOLUMNE OR ANY OTHER AGENCY (I.E., DEPARTMENT OF FISH AND GAME, REGIONAL WATER QUALITY BOARD, ETC.) MUST ADHERE TO ALL CONDITIONS OF THOSE PERMITS.

15. PRIOR TO THE GRADING ON THE SITE, ALL PROPERTY CORNERS SHALL BE MONUMENTED AND CLEARLY VISIBLE. WHERE A CLEAR LINE OF SIGHT BETWEEN LOT CORNERS IS NOT POSSIBLE, APPROPRIATE MARKERS SHALL BE SET ALONG THE PROPERTY LINE TO MARK THE BOUNDARIES WHILE CONSTRUCTION IS IN PROGRESS. ALL CULTURAL AND BIOLOGICALLY SENSITIVE AREAS SHALL BE DELINEATED PRIOR TO THE START OF CLEARING OR GRADING OPERATIONS.

16. THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES.

17. ALL MATERIALS FURNISHED AND THE METHODS OF PERFORMING ANY PROPOSED WORK SHALL CONFORM TO AND BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF THE CALTRANS STANDARD SPECIFICATIONS AND TITLE 11 OR 12.

18. THE STRUCTURAL SECTION SHOWN ON THE DETAILS SHALL BE FOR ESTIMATING PURPOSES ONLY. IT SHALL BE THE APPLICANT'S RESPONSIBILITY AND EXPENSE TO OBTAIN "R" VALUES TAKEN FROM SAMPLES AT LOCATIONS IN THE PRESENCE OF A COMMUNITY RESOURCES AGENCY INSPECTOR. COPIES OF CERTIFIED TEST RESULTS AND STRUCTURAL SECTION CALCULATIONS SHALL BE SUBMITTED TO THE DEPARTMENT. THE COUNTY MINIMUM TRAFFIC INDEX (T.I.) SHALL BE PER TITLE 11 OR MORE AND NOT LESS THAN 4.0.

19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS APPROVED PLAN. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS.

20. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND/OR ENGINEER AND APPROVED BY THE COUNTY.

21. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.

22. THE CONTRACTOR /OWNER AGREES:
   a. THE JOB SITE SHALL BE CLEAN AT THE END OF EACH PHASE OF WORK.
   b. TO BE RESPONSIBLE TO REMOVE AND DISPOSE OF ALL TRASH, SCRAP AND UNUSED MATERIAL IN A TIMELY MANNER.
   c. TO MAINTAIN THE SITE IN A NEAT, SAFE AND ORDERLY MANNER AT ALL TIMES.
   d. TO KEEP MATERIALS, EQUIPMENT, AND TRASH OUT OF THE WAY OF OTHER CONTRACTORS SO AS NOT TO DELAY THE JOB.
   e. TO BE RESPONSIBLE FOR THEIR OWN SAFETY, TRAFFIC CONTROL, PERMITS, RETESTING, USA AND RE-INSPECTIONS.
   f. UNLESS OTHERWISE NOTED, ALL EXCESS SOILS AND MATERIALS SHALL BE LAWFULLY DISPOSED OF OFF SITE.

20. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

21. STRUCTURES, PARKING LOTS, OTHER TRAFFIC RELATED APPURTENANCES AND ROADWAYS (BELOW 2.5 FEET) SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER ASTM D-1557-78. ALL FILLS ON WHICH ROADWAYS ARE TO BE PLACED SHALL BE COMPACTED TO A MINIMUM OF 95% M.R.D.D. FOR THE TOP 2.5 FEET. THE OWNER OR DEVELOPER SHALL PROVIDE CERTIFICATE OF COMPLIANCE ON COMPACTION FROM AN APPROVED SOILS LABORATORY.

22. WHENEVER EXISTING FACILITIES ARE DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE, AFTER PROPER BACKFILLING AND/OR CONSTRUCTION, WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.

23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST ABATEMENT DURING CONSTRUCTION AND DEVELOPMENT OPERATIONS. A WATER TRUCK OR OTHER WATERING DEVICE SHALL BE ON THE PROJECT SITE ON ALL WORKING DAYS WHEN NATURAL PRECIPITATION DOES NOT PROVIDE ADEQUATE MOISTURE FOR COMPLETE DUST CONTROL. SAID WATERING DEVICE SHALL BE USED TO SPRAY WATER ON THE SITE AT THE END OF EACH DAY AND AT OTHER INTERVALS, AS NEED DICTATES, TO CONTROL DUST.

24. EXPOSED SERPENTINE GRAVEL IS PROHIBITED ON THE CONSTRUCTION SITE AND ACCESS ROADS, UNLESS EXEMPTED PURSUANT TO SECTIONS 93106 AND 93106 (F) OF THE CALIFORNIA HEALTH AND SAFETY CODE UNLESS IT HAS BEEN TESTED AND DETERMINED TO HAVE AN ASBESTOS CONTENT THAT IS LESS THAN 0.25%. PAVEMENT OR OTHER APPROVED COVER MATERIAL SHALL BE REQUIRED FOR ANY ROAD UTILIZING SERPENTINE GRAVEL. (CALIFORNIA HEALTH AND SAFETY CODE, SECTIONS 93105 AND 93106).

25. ALL AREAS OF NEW PAVEMENT WILL BE WATER TESTED IN THE PRESENCES OF THE COUNTY INSPECTOR TO VERIFY PROPER DRAINAGE.

26. IF SUBSURFACE CULTURAL RESOURCES ARE DISCOVERED ON THE PROJECT SITE DURING THE CONSTRUCTION PROCESS, ALL WORK IN THE RESOURCE FEATURE AREAS SHALL CEASE UNTIL THE PROJECT PLANNER FROM THE TUOLUMNE COUNTY COMMUNITY RESOURCES AGENCY HAS BEEN CONTACTED AND A QUALIFIED ARCHAEOLOGIST OR HISTORIAN HAS BEEN HIRED BY THE APPLICANT TO EVALUATE SAID RESOURCES AND ESTABLISH BOUNDARIES AROUND THEM. IF THE RESOURCES ARE FOUND TO BE SIGNIFICANT, MITIGATION MEASURES SHALL BE FORMULATED AND IMPLEMENTED IN ACCORDANCE WITH APPENDIX K OF CEQA.

27. *THE CONTRACTOR AND ALL PERSONS WHO WILL BE OPERATING EQUIPMENT OR RESPONSIBLE FOR GRADING ON THE PROPERTY SHALL BE INFORMED THAT NO GRADING OR EARTH MOVING SHALL BE CONDUCTED WITHIN THE SENSITIVE AREAS (SEE ASTERISK) IDENTIFIED IN THE INITIAL STUDY, UNTIL A QUALIFIED ARCHAEOLOGIST APPROVED BY THE TUOLUMNE COUNTY COMMUNITY RESOURCES AGENCY IS PRESENT.

28. *THE APPROVED ARCHAEOLOGIST SHALL BE PRESENT DURING ALL GRADING OR EARTH MOVING OPERATIONS WITHIN THE FLAGGED BOUNDARIES.

29. ALL SOIL DISTURBED BY GRADING SHALL BE RESEEDED AND MULCHED OR HYDRO MULCHED AS SOON AS POSSIBLE BUT NOT LATER THAN OCTOBER 15 OF THE CONSTRUCTION YEAR. EMERGENCY EROSION CONTROL MEASURES SHALL BE UTILIZED AS REQUESTED BY COUNTY OFFICIALS.

30. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL PIPING AND CONDUITS, STRUCTURES AND OTHER FACILITIES. THE AS-BUILTS OF THE ELECTRICAL SYSTEM SHALL INCLUDE THE STREET LIGHT LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO SERVICES, PULL BOXES, AND WIRE SIZES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.

PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO FINAL ACCEPTANCE BY THE COUNTY.

* – THESE NOTES APPLY ONLY TO PROJECTS WITH ARCHAEOLOGICALLY SENSITIVE AREAS.

# LEGEND

## PROPOSED FEATURES

- 3600 — CONTOUR MAJOR
- 3604 — CONTOUR MINOR
- CONCRETE
- EDGE OF PAVEMENT
- VG FLOWLINE
- 4.1% — FG SLOPE INDICATOR
- 1 / 20 — DETAIL IDENTIFICATION NUMBER / NUMBER OF SHEET ON WHICH DETAIL IS LOCATED
- AC PAVEMENT

## EXISTING FEATURES

- BENCHMARK
- BOLLARD
- 3590 — CONTOUR
- DRAIN INLET
- 3966.39 EP — ELEVATION W/ DESCRIPTION
- 3955.0 — NATURAL GROUND SHOT
- FIRE HYDRANT
- GUY WIRE
- MB — MAIL BOX
- SIGN
- TREES
- UTILITY POLE
- WV — WATER VALVE
- FLOWLINE
- X — FENCE, WOOD
- XXXXXXXXXXXXXXX — FENCE, BARB WIRE
- OHU — OVERHEAD
- SD — STORM DRAIN

# ABBREVIATIONS

NOT ALL ABBREVIATIONS LISTED ARE USED IN THESE PLANS

| | |
|---|---|
| AB | AGGREGATE BASE |
| AC | ASPHALT CONCRETE OR ACRE |
| A/G | ABOVE GROUND |
| @ | AT |
| APPROX. | APPROXIMATE |
| ASS'Y | ASSEMBLY |
| AVG. | AVERAGE |
| AWWA | AMERICAN WATER WORKS ASSOCIATION |
| BMP | BEST MANAGEMENT PRACTICES |
| BOW | BOTTOM OF WALL |
| BSP | BLACK STEEL PIPE |
| BW | BOTTOM OF WALL |
| BVC | BEGIN VERTICAL CURVE |
| C&G | CURB AND GUTTER |
| CB | CATCH BASIN |
| CF | CUBIC FEET |
| CL | CENTERLINE |
| CLR | CLEAR |
| CMP | CORRUGATED METAL PIPE |
| CO | CLEAN OUT |
| COMM | COMMUNICATION |
| CONC | CONCRETE |
| CONST | CONSTRUCT |
| CP | CONTROL POINT |
| CY | CUBIC YARD |
| ° OR DEG | DEGREE(S) |
| DI | DROP INLET |
| ø OR DIA. | DIAMETER |
| D.I. | DUCTILE IRON |
| DWG | DRAWING |
| DW, DWY | DRIVEWAY |
| EA. | EACH |
| EASE. | EASEMENT |
| E | EAST |
| EG | EXISTING GRADE |
| ELEC | ELECTRIC |
| EP | EDGE OF PAVEMENT |
| EL | ELEVATION |
| EVC | END OF VERTICAL CURVE |
| EX | EXISTING |
| FCA | FLANGE COUPLER ADAPTER |
| FH | FIRE HYDRANT |
| FG | FINISH GRADE |
| FFC | FRONT FACE CURB |
| FES | FLARED END SECTION |
| FL | FLOWLINE |
| FLG | FLANGED |
| FT or ' | FOOT, FEET |
| FV | FLUSH VALVE |
| G | GAS |
| GV | GATE VALVE |
| GB | GRADE BREAK |
| GSP | GALVANIZED STEEL PIPE |
| HP | HIGH POINT |
| HOR | HORIZONTAL |
| HDPE | HIGH DENSITY POLYETHYLENE |
| HMA | HOT MIXED ASPHALT CONCRETE |
| IN. or " | INCH |
| INT | INTERSECTION |
| IE | INVERT ELEVATION |
| IRR. | IRRIGATION |
| LT,L | LEFT |
| LEN | LENGTH |
| LF | LINEAR FEET |
| LFG | LANDFILL GAS |
| LP | LOW POINT |
| LS | LUMP SUM |
| MFGR | MANUFACTURER |
| MH | MAINTENANCE HOLE |
| MAX | MAXIMUM |
| MDD | MAXIMUM DRY DENSITY |
| MJ | MECHANICAL JOINT |
| MI | MILE |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| MSB | MAIN SWITCH BOARD |
| MVC | MIDDLE OF VERTICAL CURVE |
| N | NORTH |
| NEC | NATIONAL ELECTRICAL CODES |
| NIC | NOT IN CONTRACT |
| NTS | NOT TO SCALE |
| # OR NO. | NUMBER |
| O.C. | ON CENTER |
| O.G. | ORIGINAL GRADE |
| OPP | OPPOSITE |
| ± | PLUS OR MINUS |
| PT. | POINT |
| PCC | PORTLAND CEMENT CONCRETE |
| PVC | POLYVINYL CHLORIDE |
| PVMT | PAVEMENT |
| POS | POSITIVE |
| PSI | POUNDS PER SQUARE INCH |
| PL | PROPERTY LINE |
| PUE | PUBLIC UTILITY EASEMENT |
| PVI | POINT OF VERTICAL INTERSECTION |
| (P) | PROPOSED |
| R | RADIUS |
| RCP | REINFORCED CONCRETE PIPE |
| REVEG | REVEGETATION |
| RT,R | RIGHT |
| R/W, ROW | RIGHT-OF-WAY |
| S | SLOPE, SOUTH |
| SCH?? | SCHEDULE XX PIPE |
| SD | STORM DRAIN |
| SDR | STANDARD DIMENSION RATIO |
| SDMH | STORM DRAIN MAINTENANCE HOLE |
| SF | SQUARE FOOT/FEET |
| SHT | SHEET |
| SSMH | SANITARY SEWER MAINTENANCE HOLE |
| SSCO | SANITARY SEWER CLEAN OUT |
| SS | SANITARY SEWER, STAINLESS STEEL |
| STA | STATION |
| STD | STANDARD |
| SY | SQUARE YARD |
| TAC | TOP OF ASPHALT |
| TBC | TOP BACK OF CURB |
| TC | TOP OF CURB |
| TOW | TOP OF WALL |
| TW | TOP OF WALL |
| TYP | TYPICAL |
| UGE | UNDERGROUND ELECTRIC LINES |
| UGT | UNDERGROUND TELEPHONE LINES |
| U.S.A | UNDERGROUND SERVICE ALERT |
| U/G | UNDERGROUND |
| VC | VERTICAL CURVE |
| VG | VALLEY GUTTER |
| W | WATER |
| WL | WATERLINE |
| W | WEST |
| W/ | WITH |
| WM | WATER METER |
| WV | WATER VALVE |

811 Know what's below. Call before you dig.

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COUNTY OF TUOLUMNE CALIFORNIA


TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
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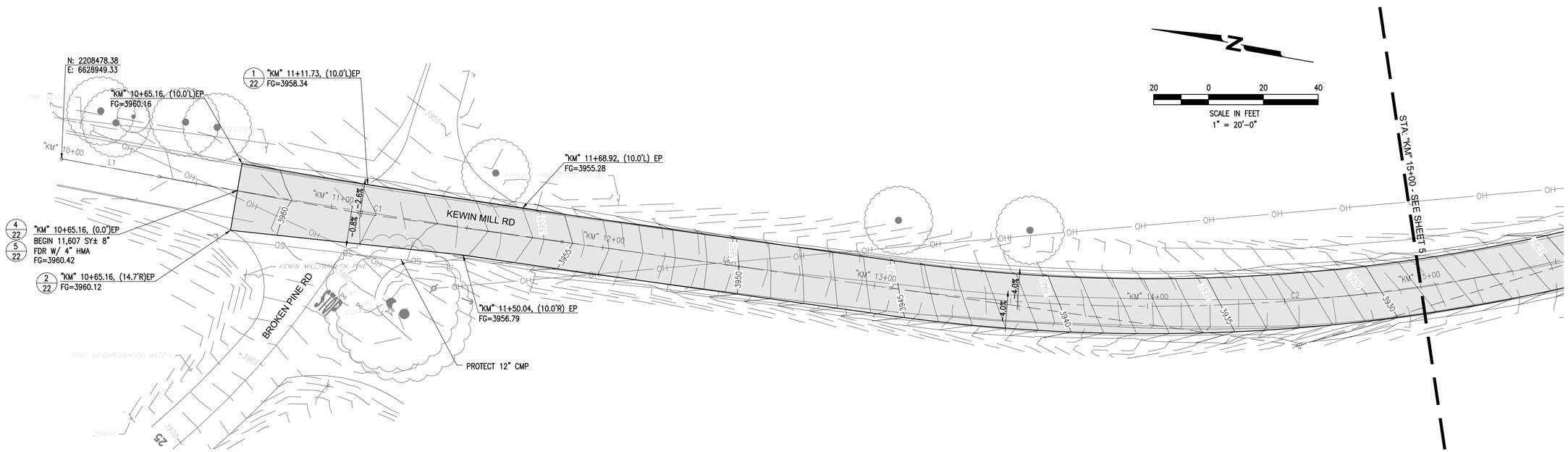
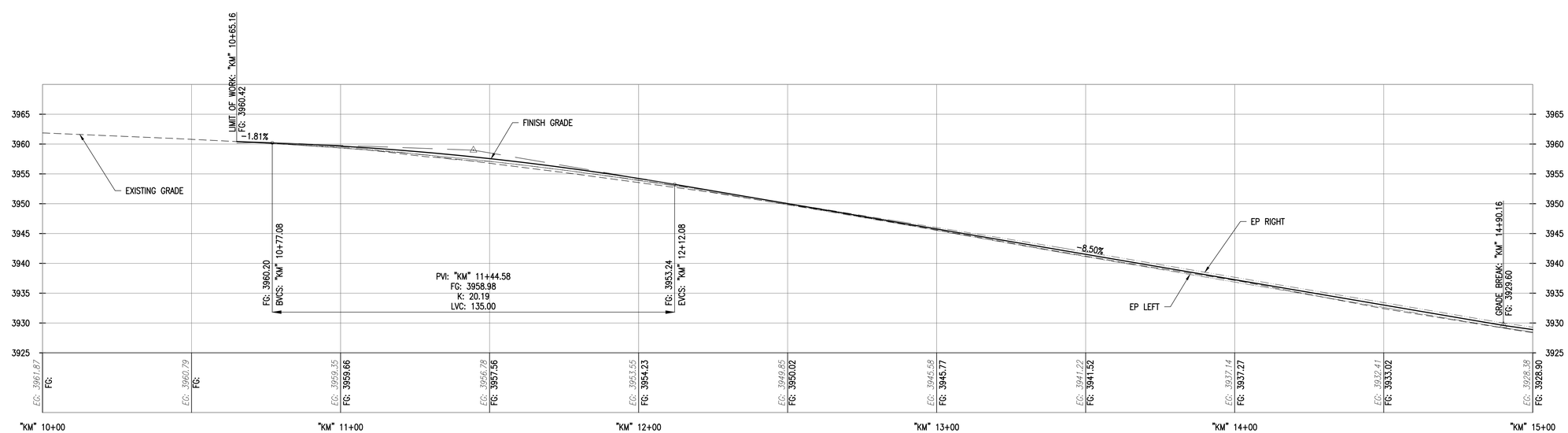
File: P:\Active Projects\Tuolumne County - A650\650.12.55 - RMRA Mitigation-Funded Road Repair\CAD\Sheets\G1 - KW Title Sheet.dwg | Layout: NLA | Printed Mar 14, 2020 @ 10:19am | ID:EK.22.0s (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

811 Know what's below. Call before you dig.

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
PRELIMINARY
FOR REVIEW
NOT FOR CONSTRUCTION
DATE: 03-13-20

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISOR'S APPROVAL

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

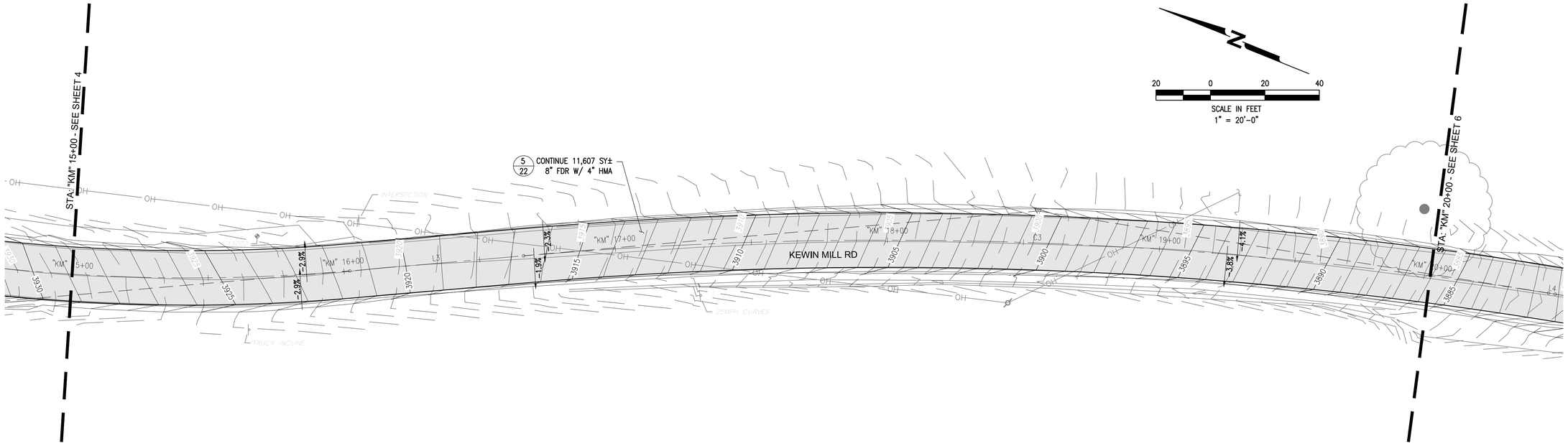
KEWIN MILL ROAD PLAN & PROFILE
STA: 10+00 - 15+00

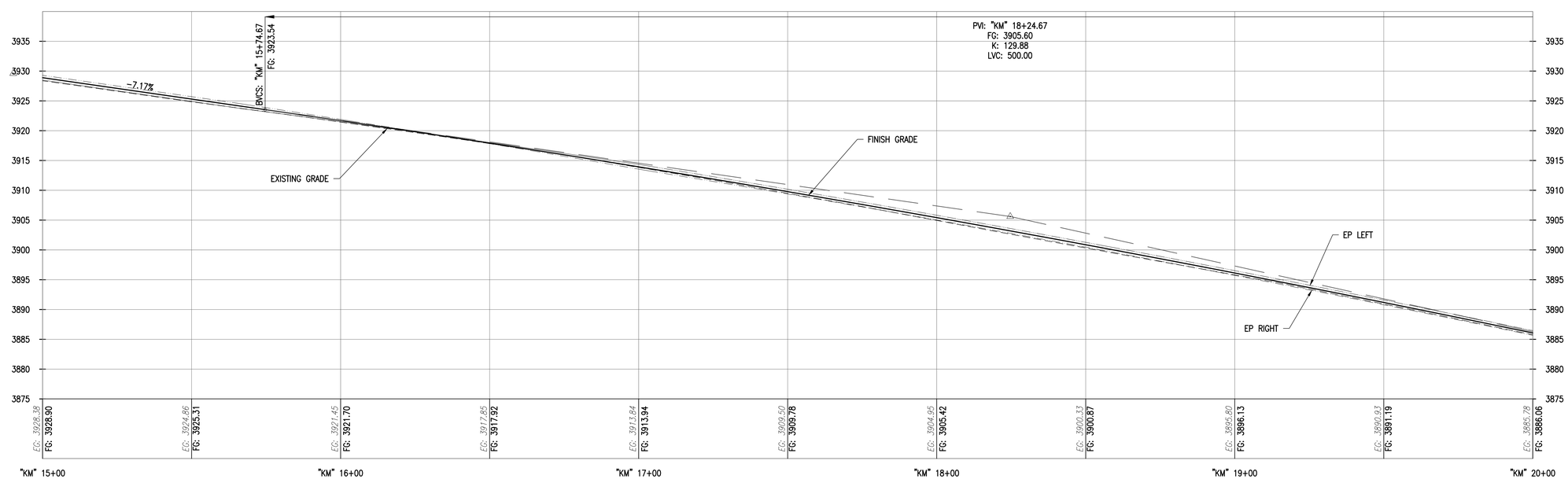
EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
4
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Pltsheets\KEWIN MILL P&P.dwg | Layout: 4 | Printed Mar 13, 2020 @ 4:24pm | ID:Jo.22.0s (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
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FOR REVIEW
NOT FOR CONSTRUCTION
DATE: 03-13-20

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SIGNATURES:
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PLANS APPROVAL DATE
SUPERVISOR'S APPROVAL

COUNTY OF TUOLUMNE CALIFORNIA

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

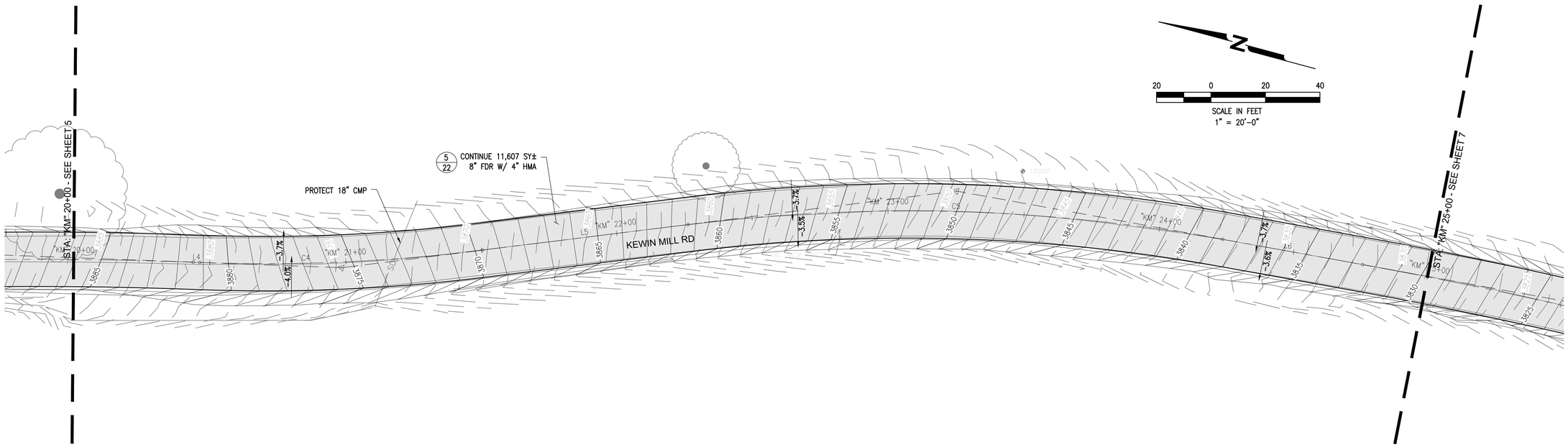
KEWIN MILL ROAD PLAN & PROFILE
STA: 15+00 - 20+00

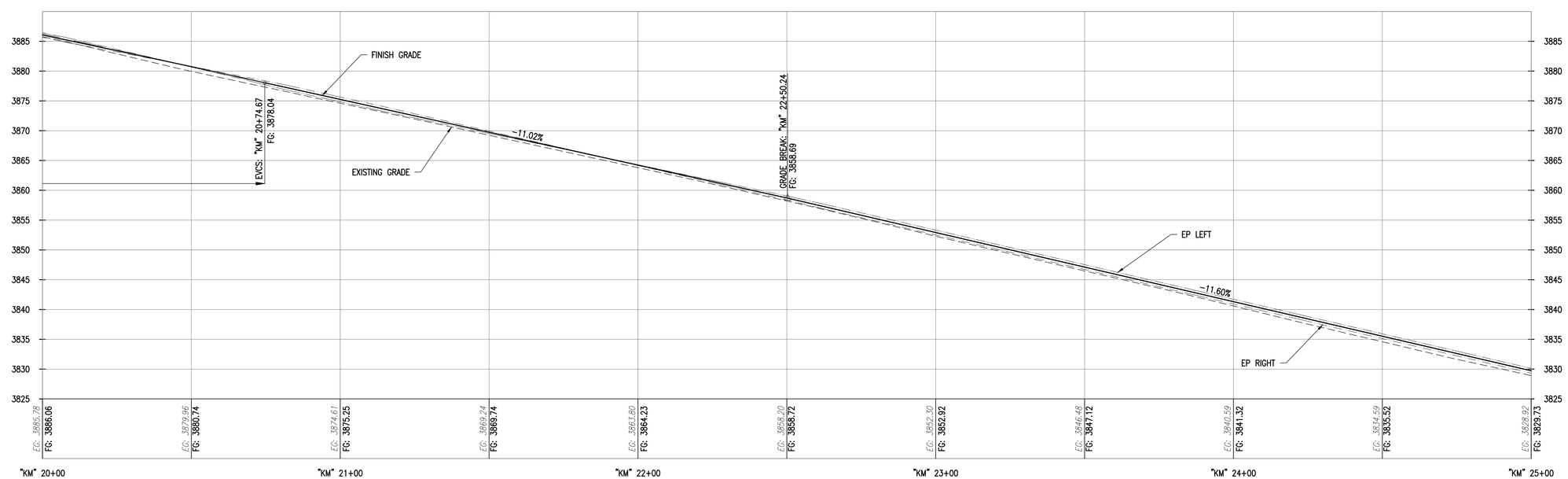
EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
5
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Plansheets\KEWIN MILL P&P.dwg | Layout: 5 | Printed Mar 13, 2020 @ 4:24am | ID:ja.22.0a (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
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TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS

2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

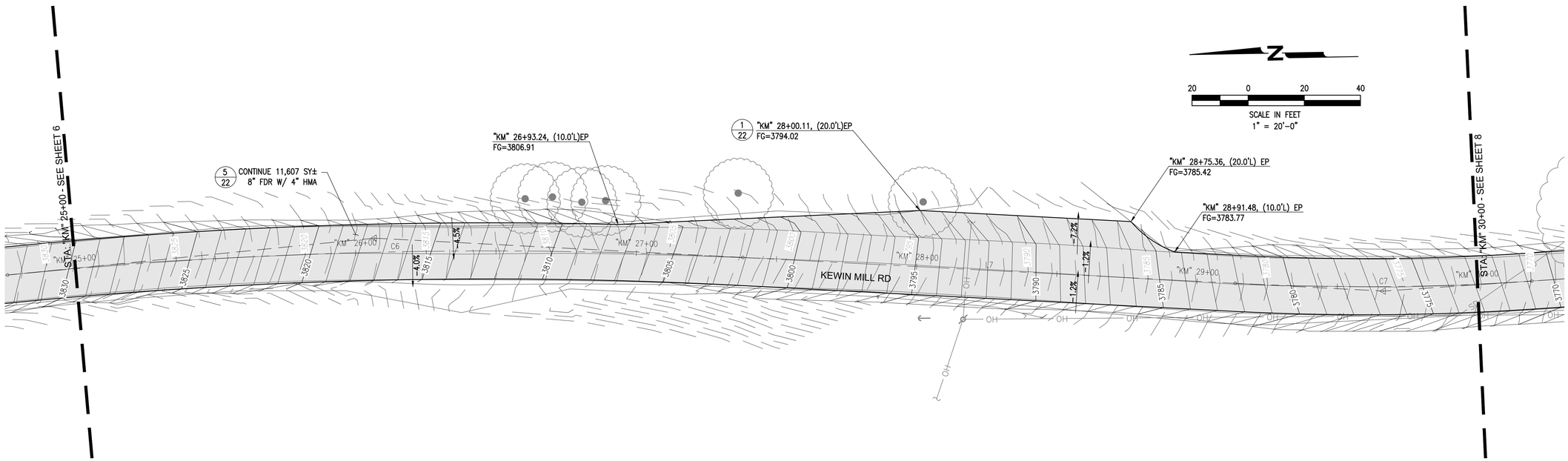
# KEWIN MILL ROAD PLAN & PROFILE
## STA: 20+00 - 25+00

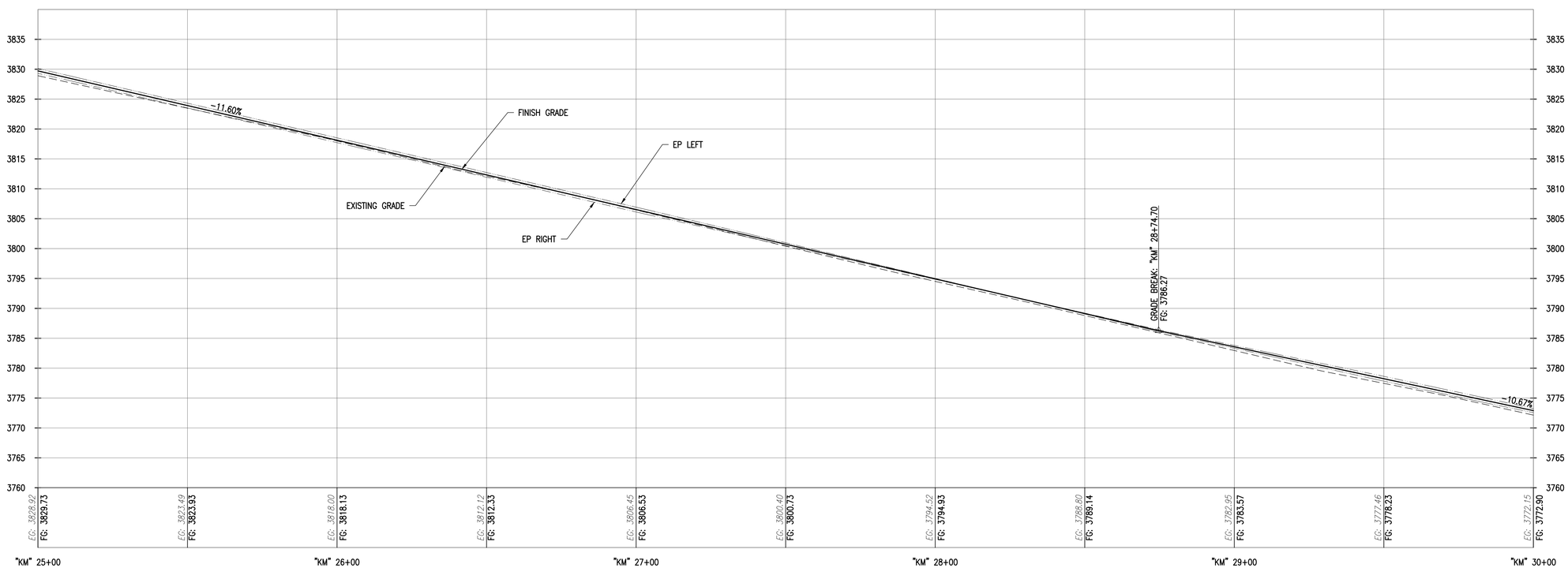
EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
6
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Plansheets\KEWIN MILL P&P.dwg | Layout: 6 | Printed Mar 13, 2020 @ 4:24pm | ID:ja.22.0a (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISOR'S APPROVAL

COUNTY OF TUOLUMNE CALIFORNIA

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

# KEWIN MILL ROAD PLAN & PROFILE
## STA: 25+00 - 30+00

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

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PRELIMINARY
FOR REVIEW
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DATE: 03-13-20

SHEET NUMBER
7
OF 23 SHEETS

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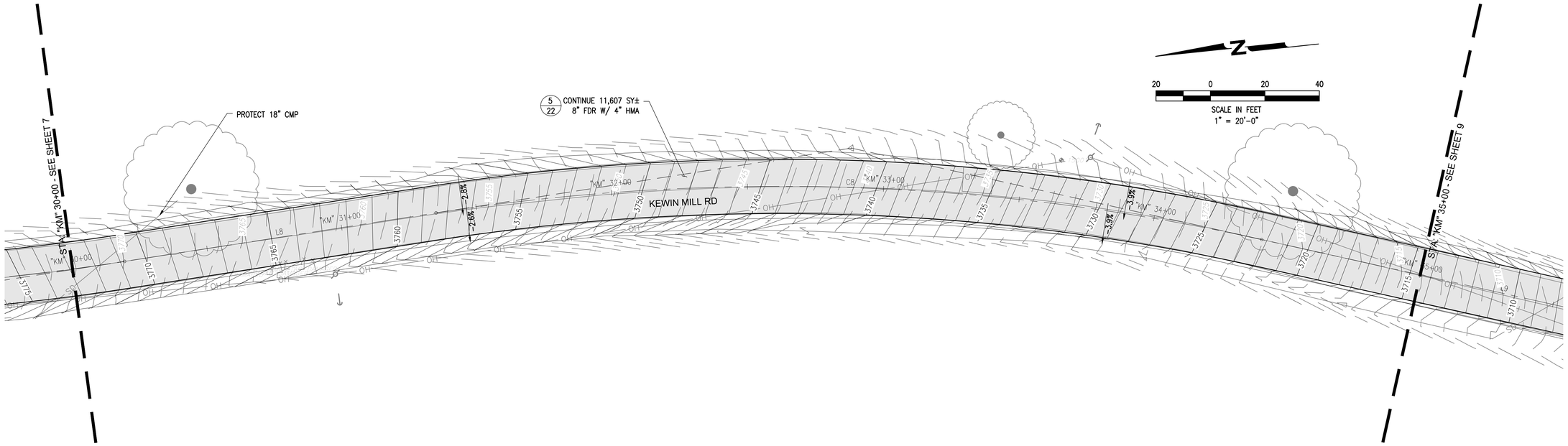
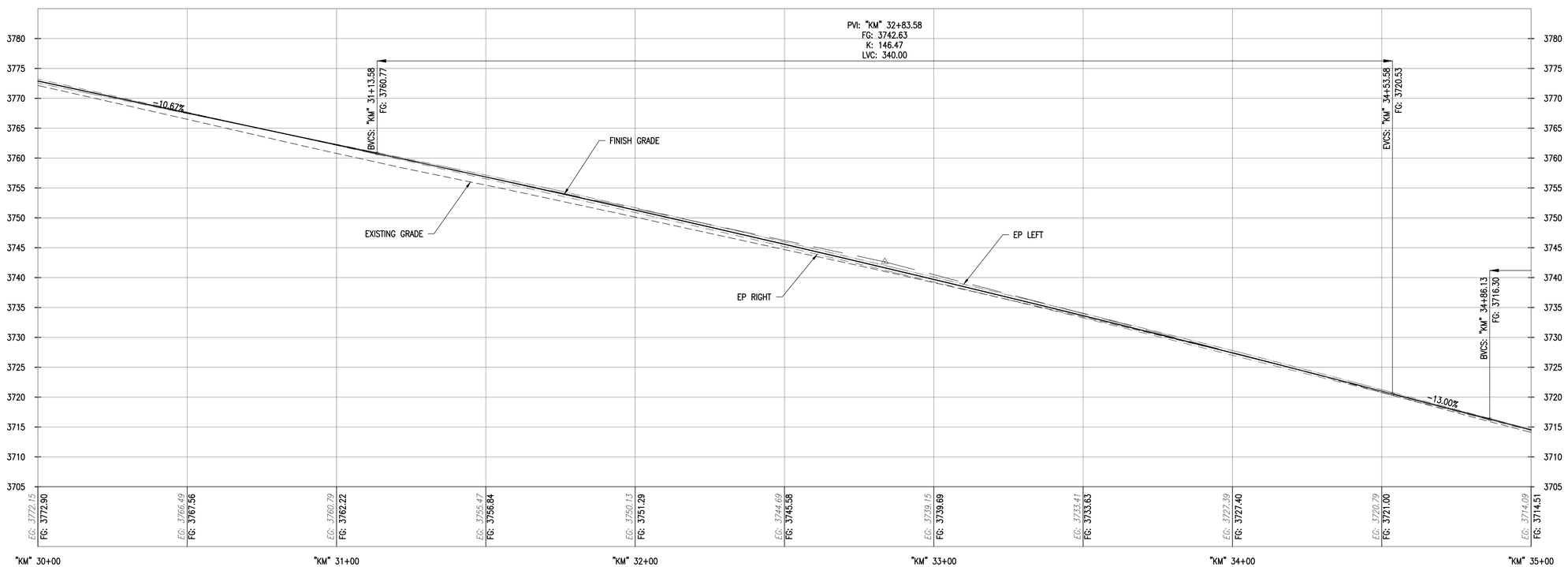
File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Pitsheets\KEWIN MILL P&P.dwg | Layout: 7 | Printed Mar 13, 2020 @ 4:25pm | ID:Ja 22.0s (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

Know what's below. Call before you dig.

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
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TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS

2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

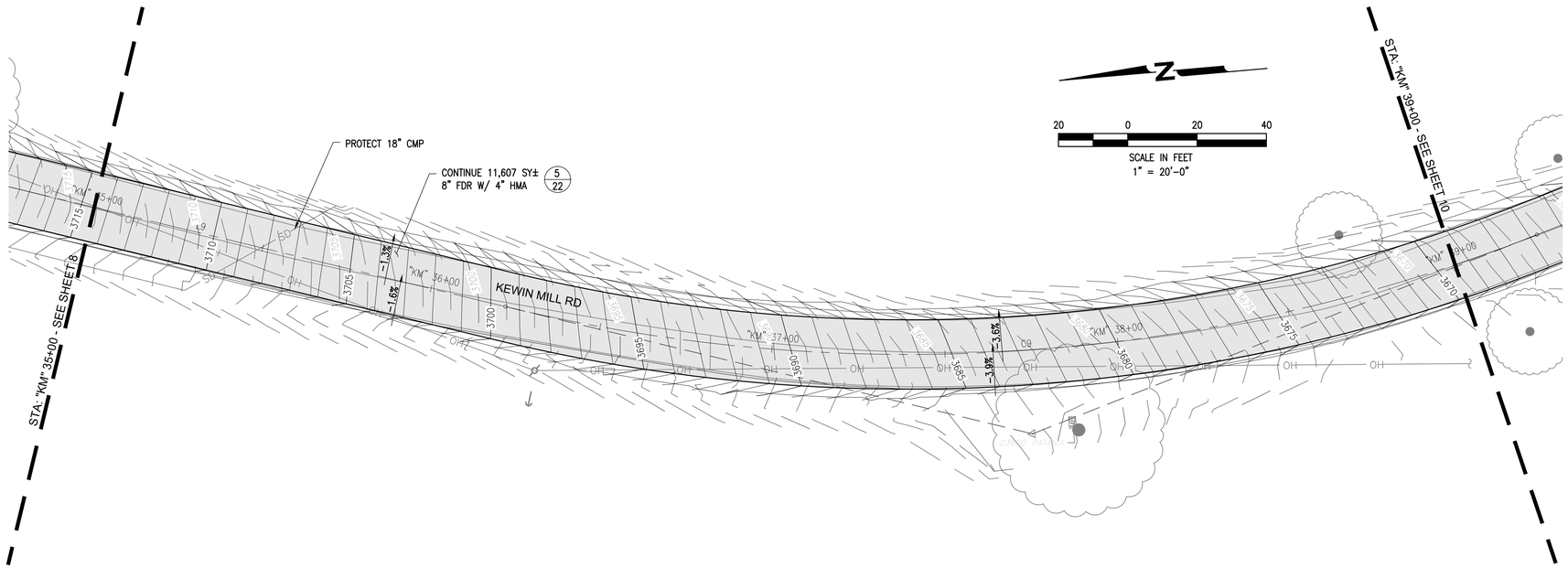
# KEWIN MILL ROAD PLAN & PROFILE
## STA: 30+00 - 35+00

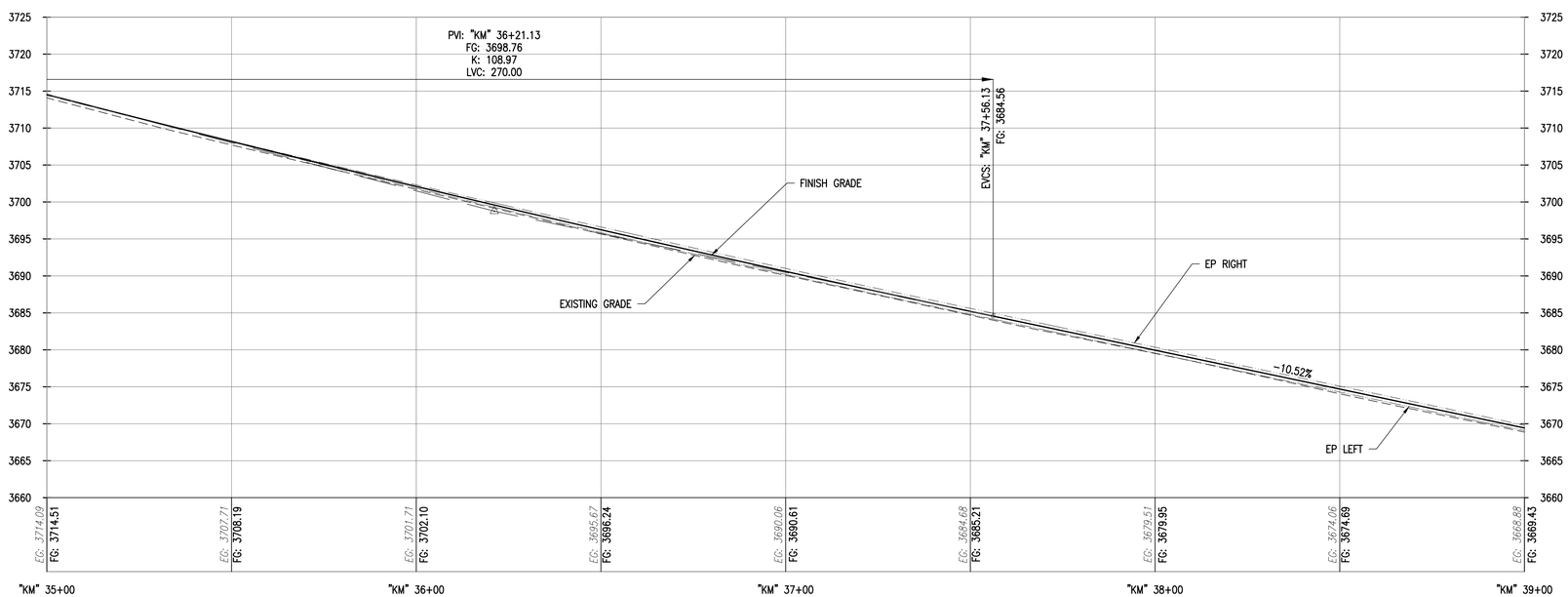
EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
8
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Plansets\KEWIN MILL P&P.dwg | Layout: 8 | Printed Mar 13, 2020 @ 4:25pm | 10.ja.22.0s (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

Know what's below. Call before you dig.

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
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FOR REVIEW
NOT FOR CONSTRUCTION
DATE: 03-13-20

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISORS APPROVAL

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

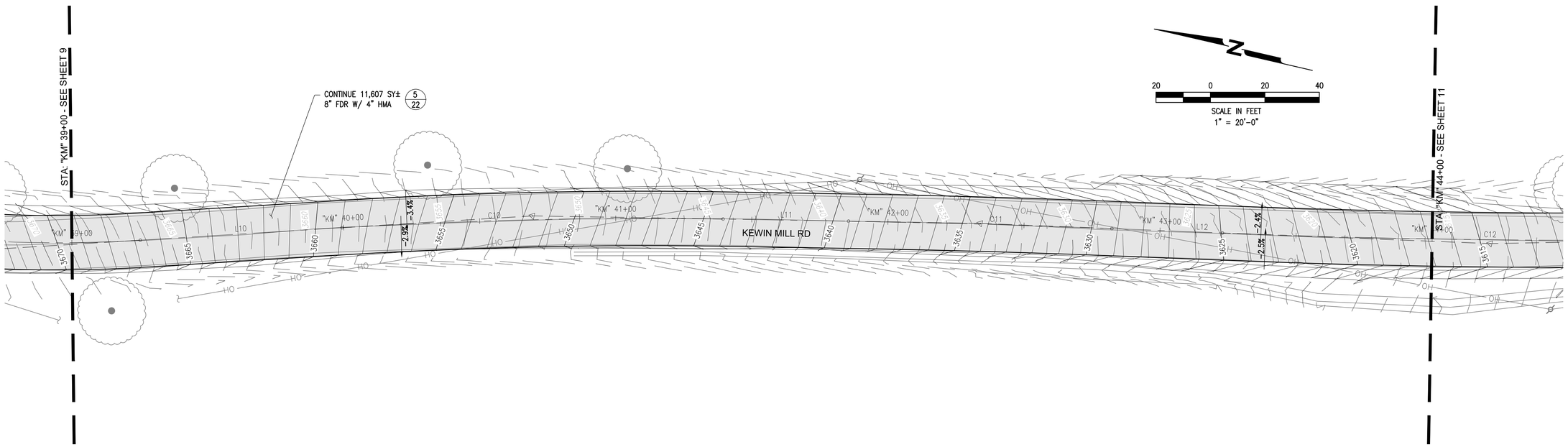
KEWIN MILL ROAD PLAN & PROFILE
STA: 35+00 - 39+00

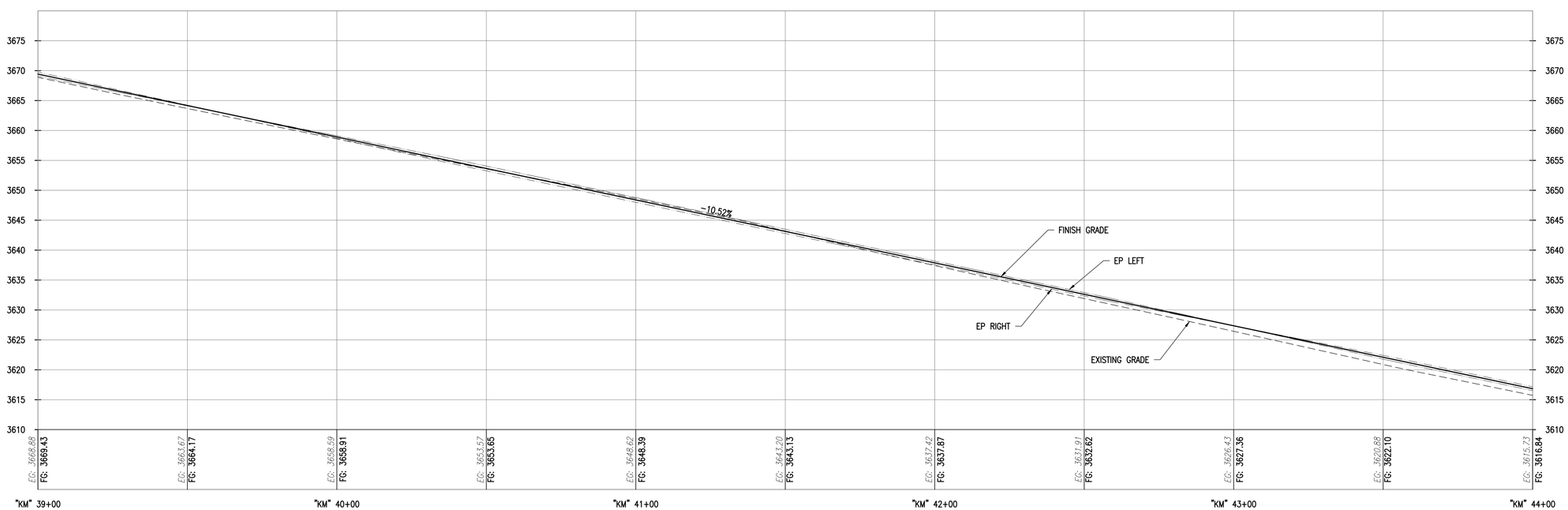
EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
9
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Pltsheets\KEWIN MILL P&P.dwg | Layout: 9 | Printed Mar 13, 2020 @ 4:25pm | ID:ja:22:0x (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

Know what's below. Call before you dig.

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
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FOR REVIEW
NOT FOR CONSTRUCTION
DATE: 03-13-20

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SUPERVISORS APPROVAL

COUNTY OF TUOLUMNE CALIFORNIA

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

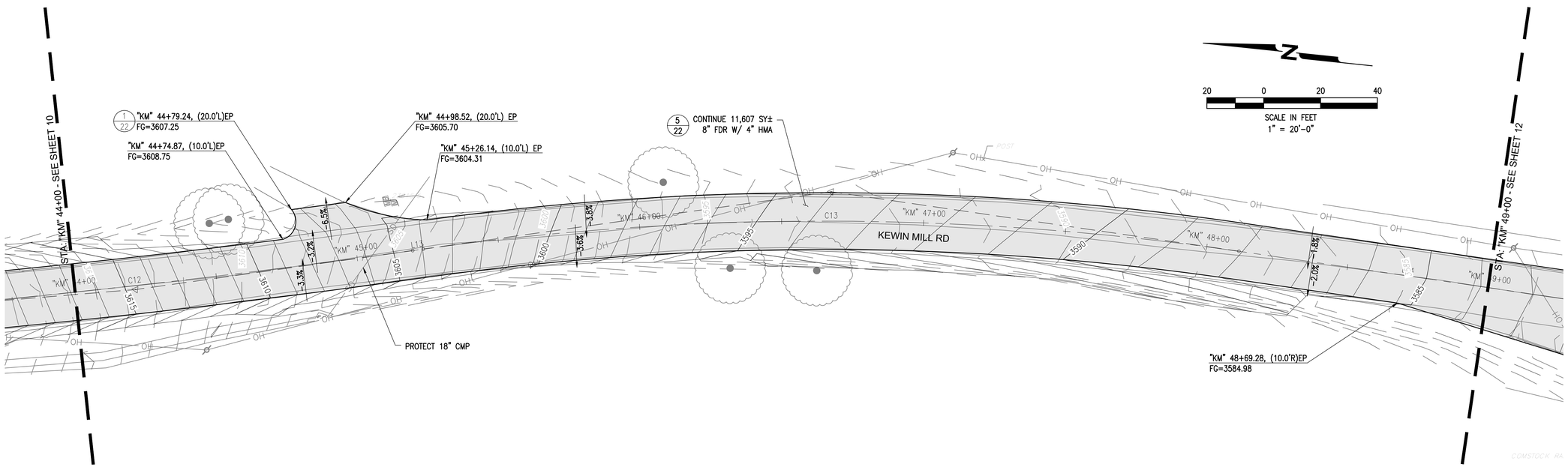
KEWIN MILL ROAD PLAN & PROFILE
STA: 39+00 - 44+00

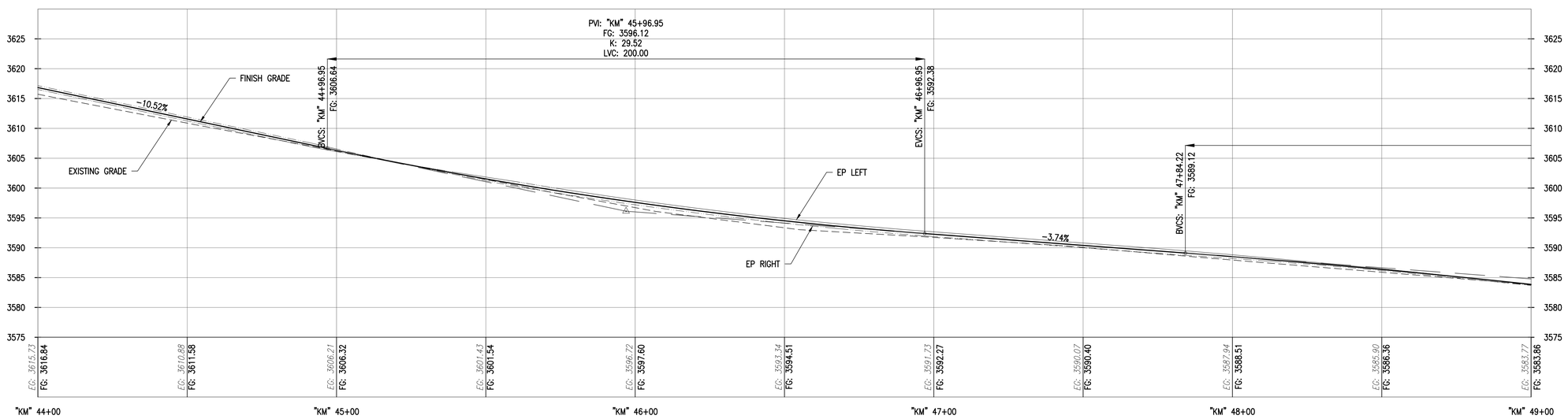
EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
10
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Plansheets\KEWIN MILL P&P.dwg | Layout: 10 | Printed Mar 13, 2020 @ 4:25pm | ID:Jul-22-Dn (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

Know what's below. Call before you dig.

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
PRELIMINARY
FOR REVIEW
NOT FOR CONSTRUCTION
DATE: 03-13-20

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISOR'S APPROVAL

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

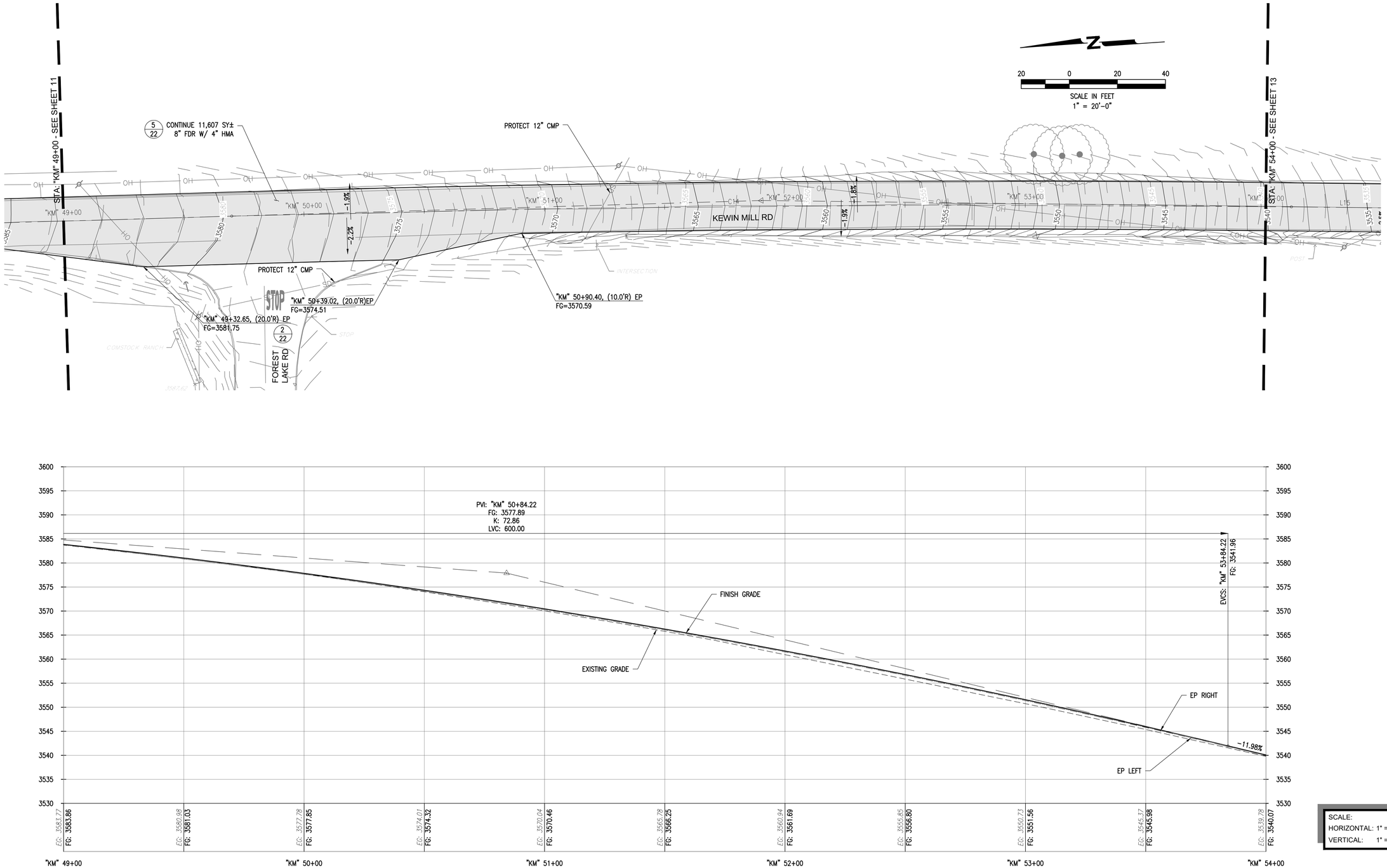
KEWIN MILL ROAD PLAN & PROFILE
STA: 44+00 - 49+00

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
11
OF 23 SHEETS

File: P:\636 Tuolumne Co RMRA - NCE\06 CAD\Production\Plansets\KEWIN MILL P&P.dwg | Layout: 11 | Printed Mar 13, 2020 @ 4:25pm | 10.Jo 22.0s (LMS Tech)




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISOR'S APPROVAL

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

KEWIN MILL ROAD PLAN & PROFILE
STA: 49+00 - 54+00

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
12
OF 23 SHEETS

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

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FOR REVIEW
NOT FOR CONSTRUCTION
DATE: 03-13-20

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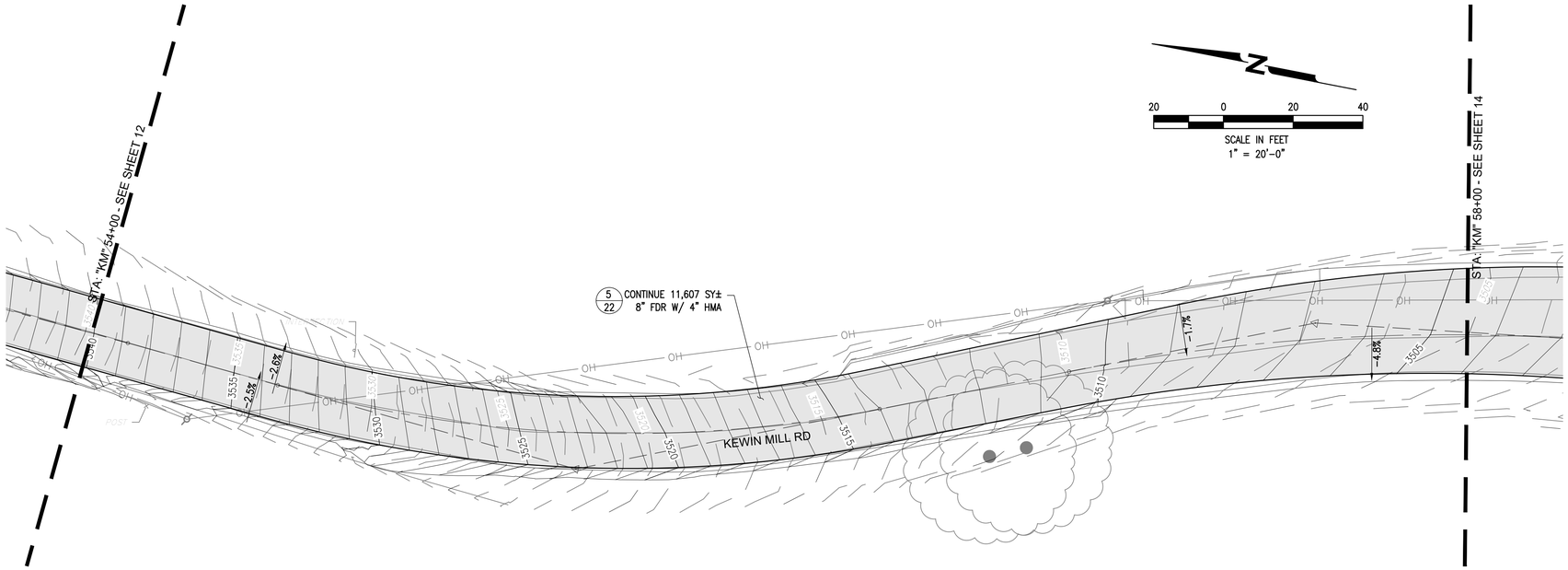
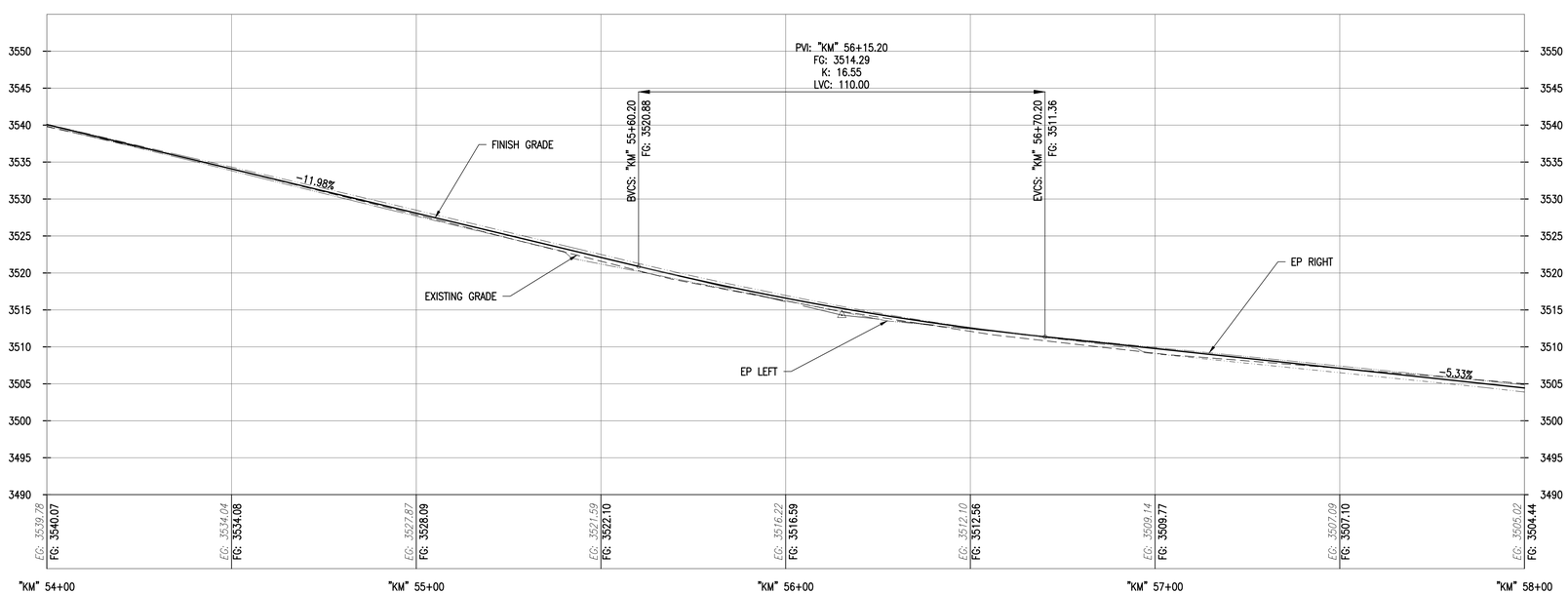
File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Pitsheets\KEWIN MILL P&P.dwg | Layout: 12 | Printed Mar 13, 2020 @ 4:25pm | ID:Ja 22.0s (LMS Tech)




SCALE IN FEET
1" = 20'-0"




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

Know what's **below.**
**Call** before you dig.

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
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CIVIL
STATE OF CALIFORNIA

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PRELIMINARY
FOR REVIEW
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SUPERVISORS APPROVAL

COUNTY OF TUOLUMNE CALIFORNIA

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS

2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

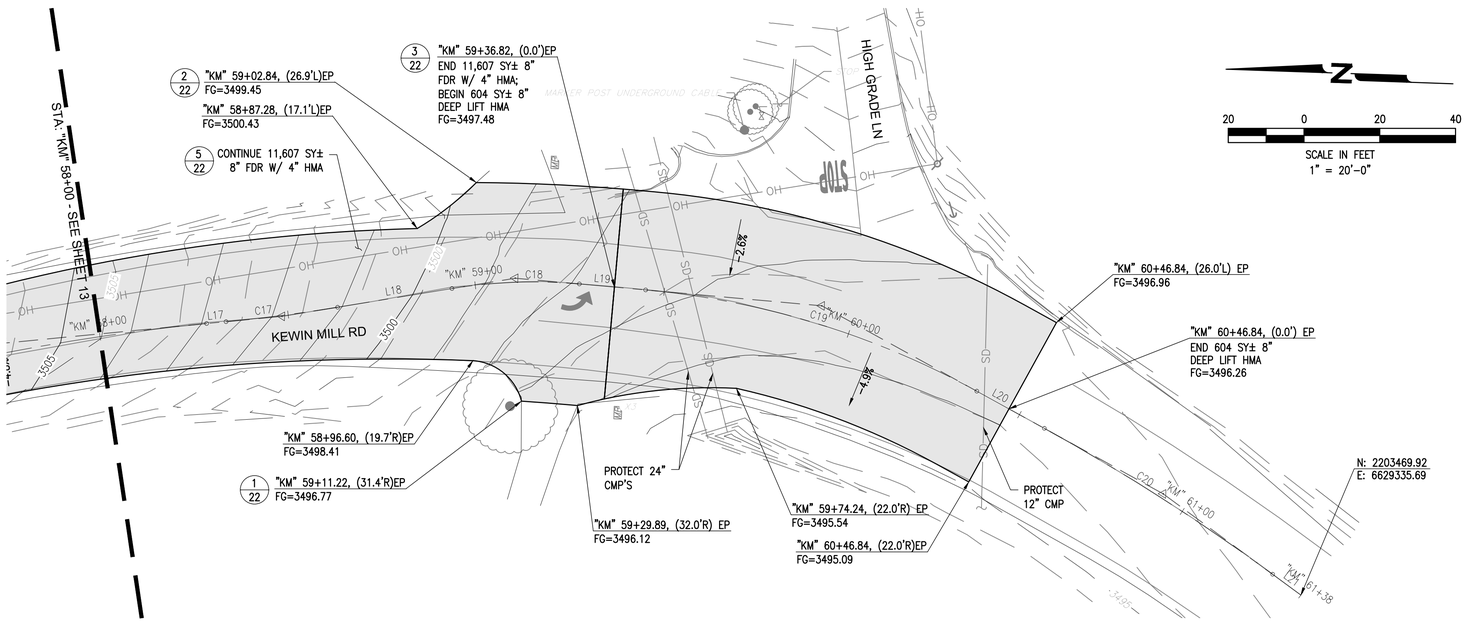
# KEWIN MILL ROAD PLAN & PROFILE
## STA: 54+00 - 58+00

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
13
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Plansheets\KEWIN MILL P&P.dwg | Layout: 13 | Printed Mar 13, 2020 @ 4:26pm | ID:Jul-22-Dr (LMS Tech)







## "KM" LINE & CURVE TABLE

| Number | Radius | Length | Line/Chord Direction |
|---|---|---|---|
| L1 | | 36.31 | S0° 19' 10.87"W |
| C1 | 3701.83 | 148.72 | S0° 49' 52.42"E |
| L2 | | 120.97 | S1° 58' 55.71"E |
| C2 | 678.71 | 296.08 | S14° 28' 47.02"E |
| L3 | | 64.06 | S26° 58' 38.32"E |
| C3 | 1532.67 | 377.77 | S19° 54' 58.19"E |
| L4 | | 2.43 | S12° 51' 18.06"E |
| C4 | 643.84 | 103.98 | S17° 28' 54.56"E |
| L5 | | 76.06 | S22° 06' 31.07"E |
| C5 | 650.06 | 197.11 | S13° 25' 19.16"E |
| L6 | | 52.20 | S4° 44' 07.26"E |
| C6 | 1720.02 | 262.27 | S0° 22' 01.63"E |
| L7 | | 175.63 | S4° 00' 03.99"W |
| C7 | 882.19 | 105.71 | S0° 34' 05.59"W |
| L8 | | 115.80 | S2° 51' 52.80"E |
| C8 | 816.00 | 305.24 | S7° 51' 06.34"W |
| L9 | | 181.72 | S18° 34' 05.49"W |
| C9 | 494.52 | 303.06 | S1° 00' 41.08"W |
| L10 | | 74.25 | S16° 32' 43.33"E |
| C10 | 1783.37 | 140.03 | S14° 17' 45.12"E |
| L11 | | 46.10 | S12° 02' 46.92"E |
| C11 | 4203.84 | 96.76 | S11° 23' 13.03"E |
| L12 | | 40.66 | S10° 43' 39.14"E |
| C12 | 3433.44 | 196.73 | S12° 22' 08.59"E |
| L13 | | 3.78 | S14° 00' 38.03"E |
| C13 | 1010.72 | 287.95 | S5° 50' 55.61"E |
| L14 | | 158.54 | S2° 18' 46.81"W |
| C14 | 10635.14 | 440.72 | S3° 30' 00.57"W |
| L15 | | 44.64 | S4° 41' 14.33"W |
| C15 | 372.33 | 174.44 | S8° 44' 03.99"E |
| L16 | | 55.35 | S22° 09' 22.30"E |
| C16 | 560.61 | 143.24 | S14° 50' 10.85"E |
| L17 | | 5.15 | S7° 30' 59.40"E |
| C17 | 453.38 | 29.70 | S9° 23' 34.38"E |
| L18 | | 30.58 | S11° 16' 09.37"E |
| C18 | 134.09 | 33.74 | S4° 03' 38.73"E |
| L19 | | 17.58 | S3° 08' 51.91"W |
| C19 | 222.62 | 92.06 | S14° 59' 39.86"W |
| L20 | | 20.36 | S26° 50' 27.81"W |
| C20 | 548.30 | 71.56 | S30° 34' 47.58"W |
| L21 | | 9.26 | S34° 19' 07.35"W |

## SURVEY CONTROL:

HORIZONTAL DATUM
2011 ADJUSTMENT OF THE NORTH AMERICAN DATUM OF 1983 (NAD83), EPOCH 2010.00.

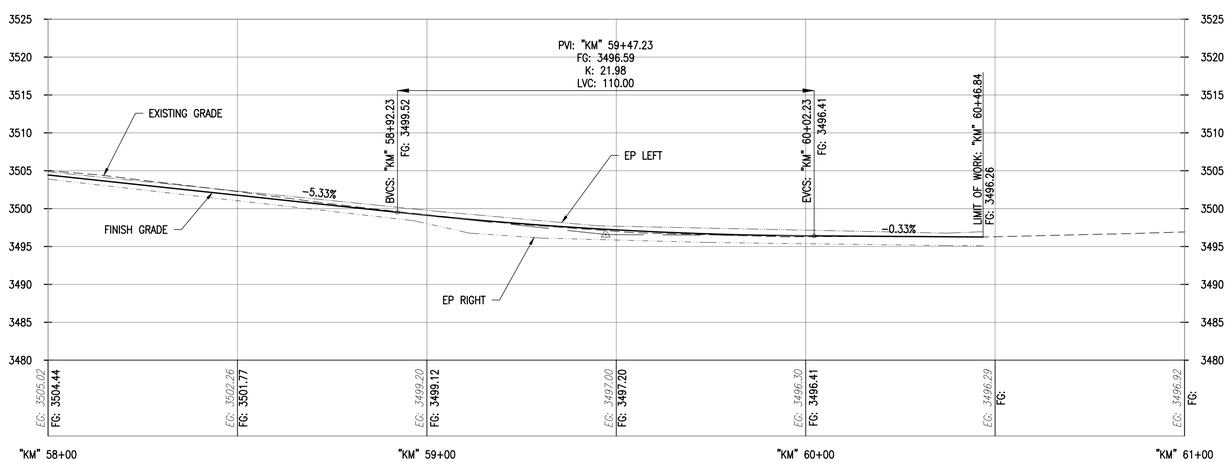
COORDINATE SYSTEM
THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE III.

VERTICAL DATUM
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

PROJECT BENCHMARK
SET 5/8" REBAR WITH CAP IN KEWIN MILL ROAD, LOCATED ALONG KEWIN MILL ROAD, APPROXIMATELY 1,250 FEET SOUTHERLY FROM THE INTERSECTION OF BROKEN PINE ROAD AND KEWIN MILL ROAD, 470 FEET NORTHERLY OF A POWER POLE ON THE WEST EDGE OF KEWIN MILL ROAD, AND 4.8 FEET EASTERLY OF THE EAST EDGE OF PAVEMENT OF KEWIN MILL ROAD (POINT # 15000).

ELEVATION=3846.739 FEET (NAVD88)

| CONTROL POINT TABLE | | | |
|---|---|---|---|
| POINT NUMBER | NORTHING | EASTING | DESCRIPTION |
| 15000 | 2207191.11 | 6629297.44 | SET 5/8" RBR |
| 15001 | 2206172.78 | 6629286.00 | SET 5/8" RBR |
| 15002 | 2207924.39 | 6629028.04 | SET 5/8" RBR |




SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 10'

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REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
EXP. 06/30/2020
CIVIL
STATE OF CALIFORNIA

65% SUBMITTAL
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FOR REVIEW
NOT FOR CONSTRUCTION
DATE: 03-13-20

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISORS APPROVAL

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

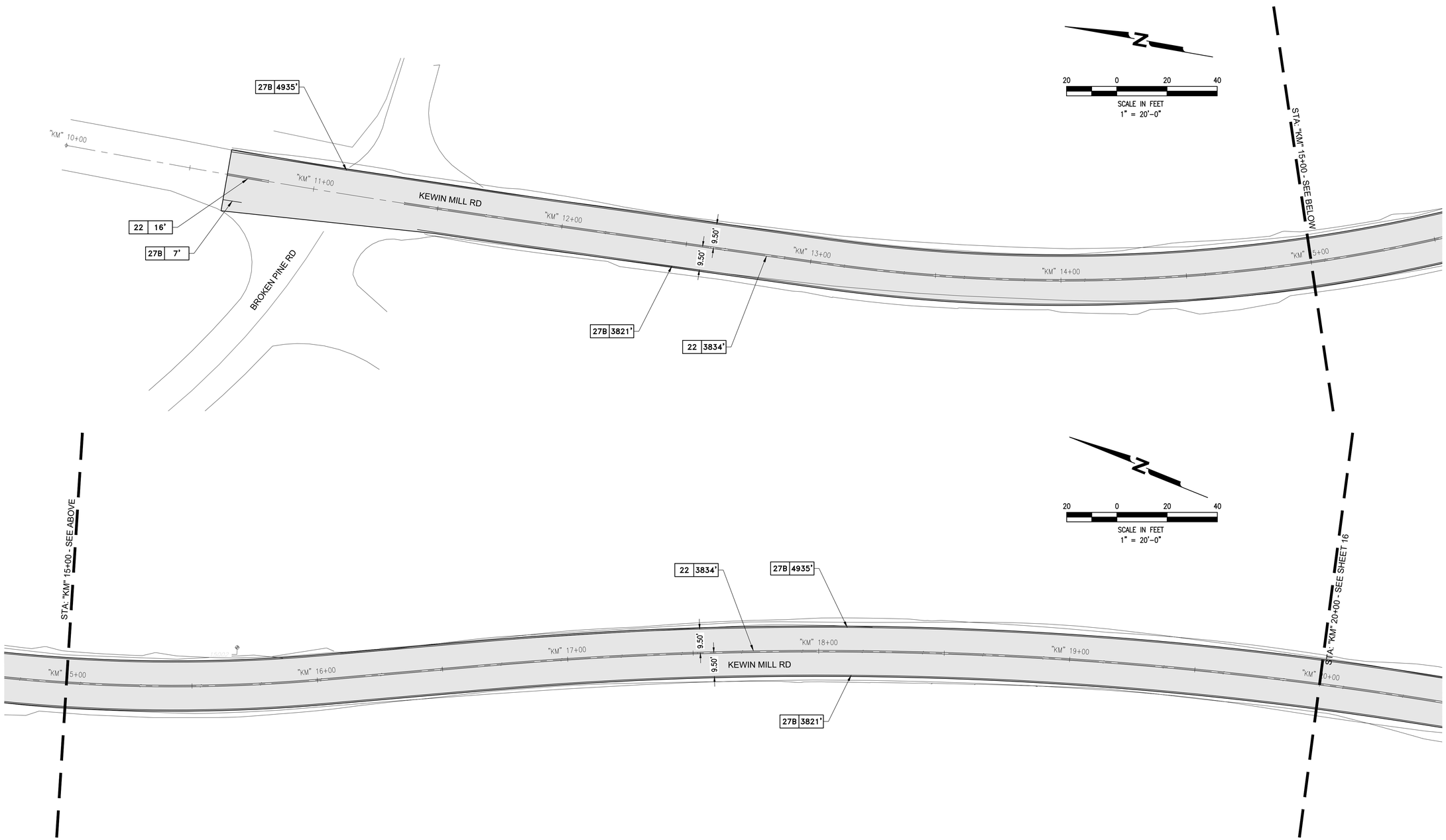
KEWIN MILL ROAD PLAN & PROFILE
STA: 58+00 - 61+38

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
14
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Pltsheets\KEWIN MILL P&P.dwg | Layout: 14 | Printed Mar 13, 2020 @ 4:26pm | ID:Jo.22.0s (LMS Tech)




SIGNATURES:

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

SUPERVISORS APPROVAL

TUOLUMNE COUNTY
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2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
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# KEWIN MILL ROAD STRIPING PLAN
## STA: 10+00 - 20+00

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
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SHEET NUMBER
15
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STEPHEN HAWKINS
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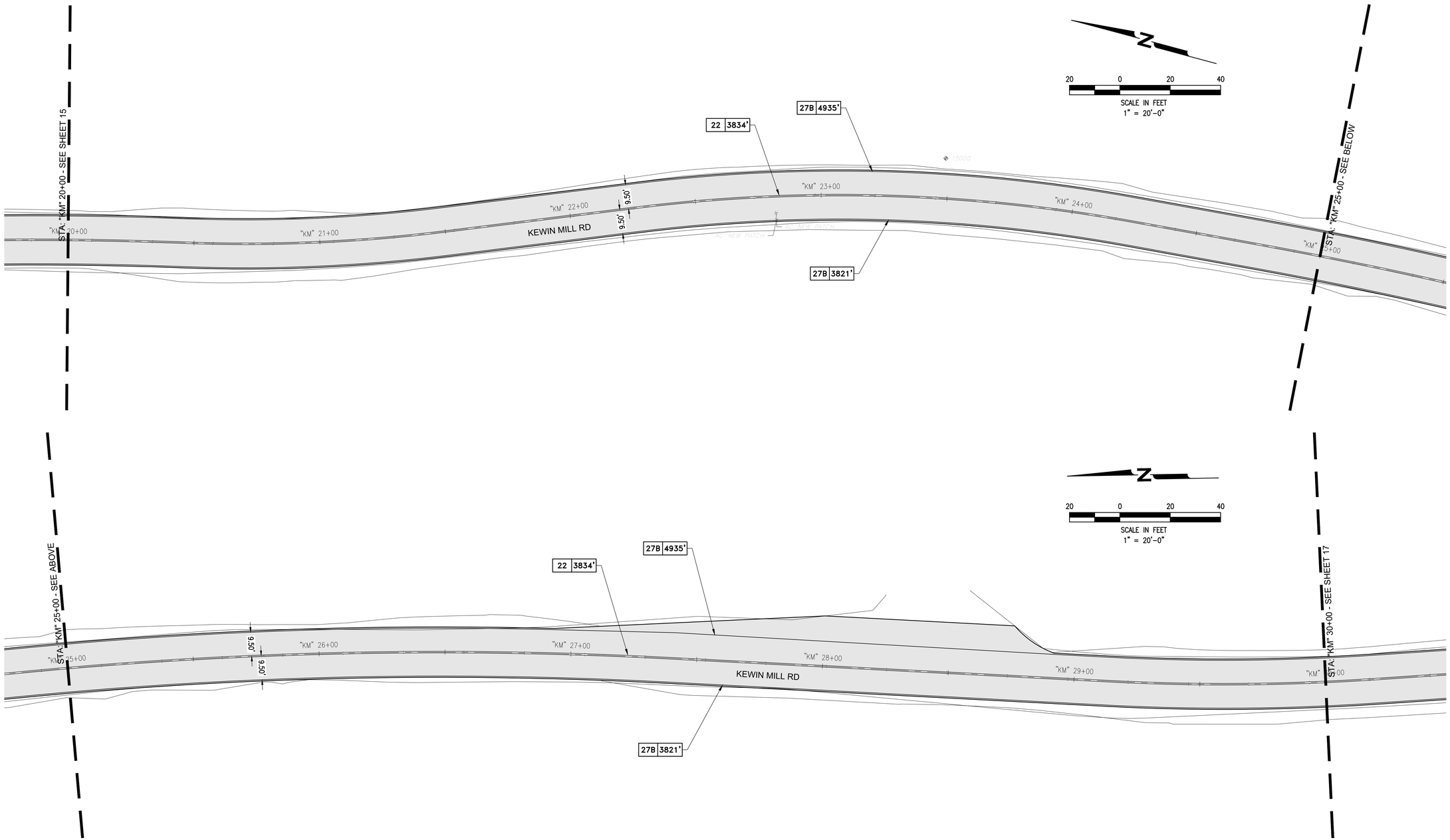


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KEWIN MILL ROAD STRIPING PLAN
STA: 20+00 - 30+00

EXHIBIT FOR:
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JOB NO. --
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SHEET NUMBER
16
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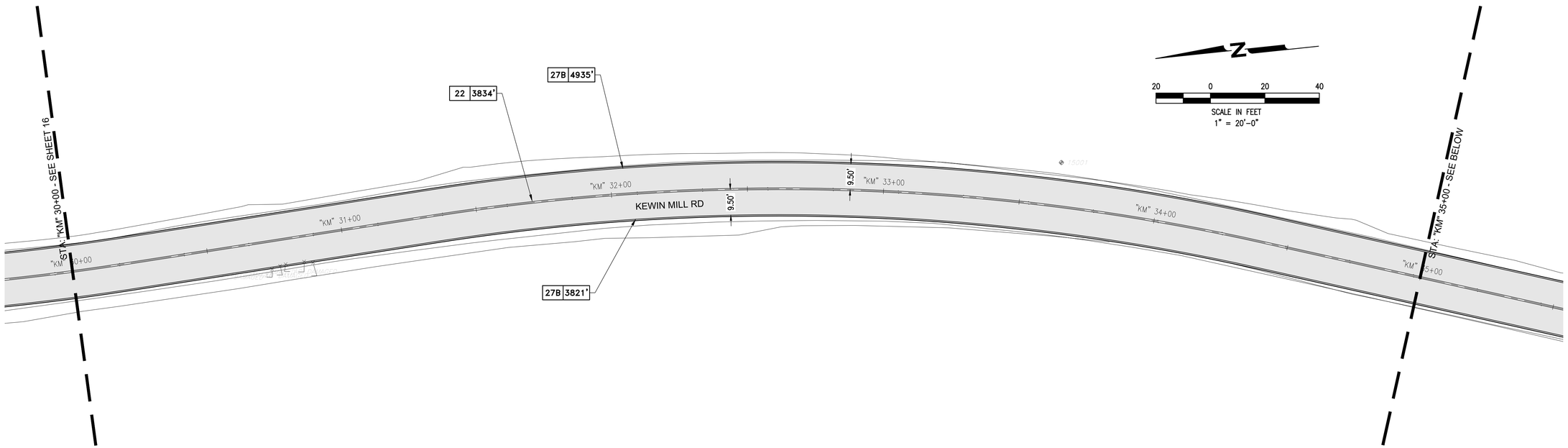


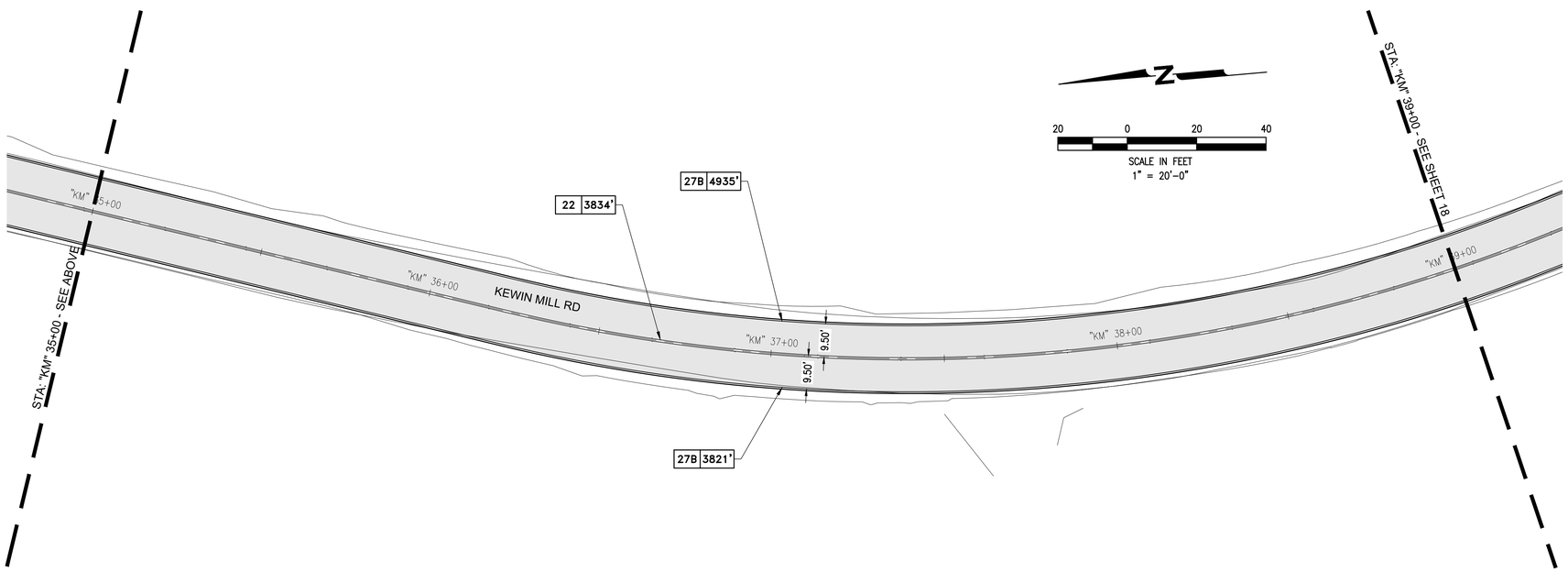


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# KEWIN MILL ROAD STRIPING PLAN
## STA: 30+00 - 39+00

EXHIBIT FOR:
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17
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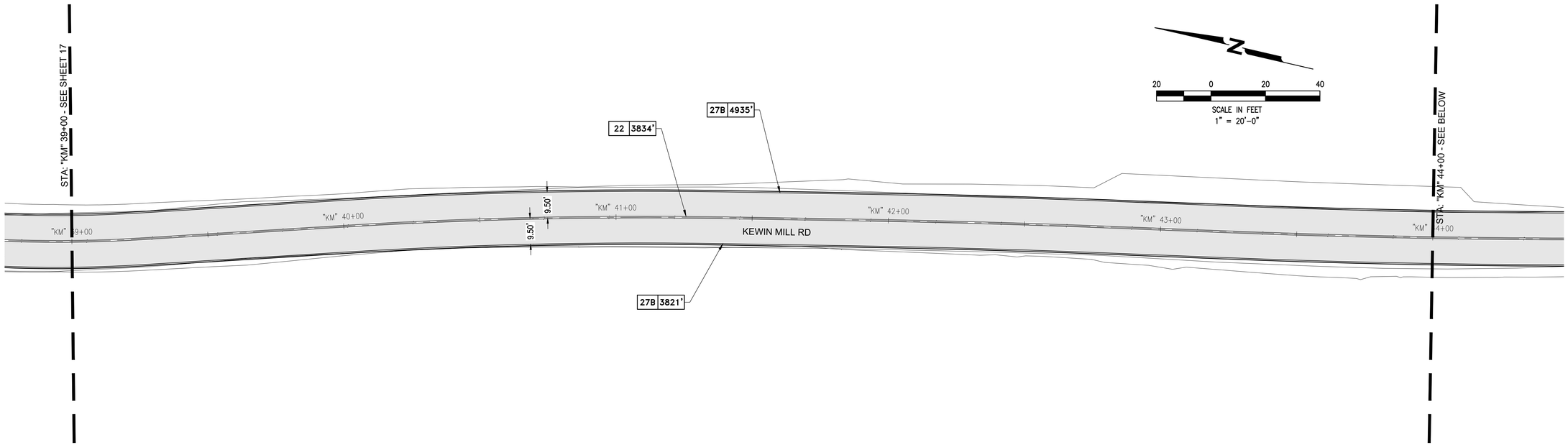


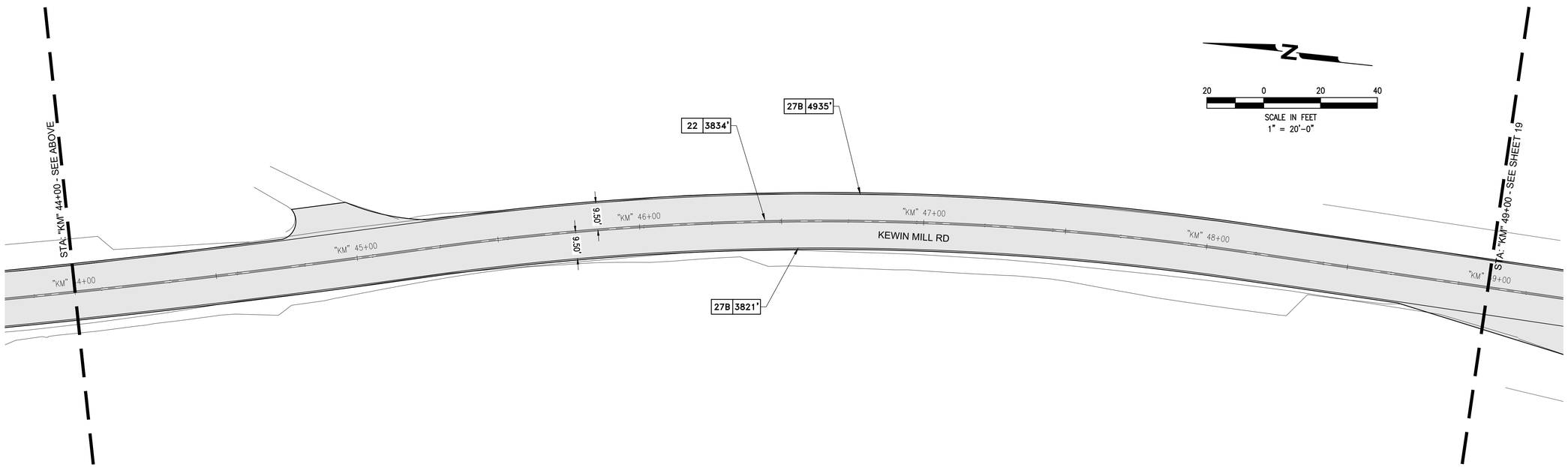


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# KEWIN MILL ROAD STRIPING PLAN
## STA: 39+00 - 49+00

EXHIBIT FOR:
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JOB NO. --
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SHEET NUMBER
18
OF 23 SHEETS

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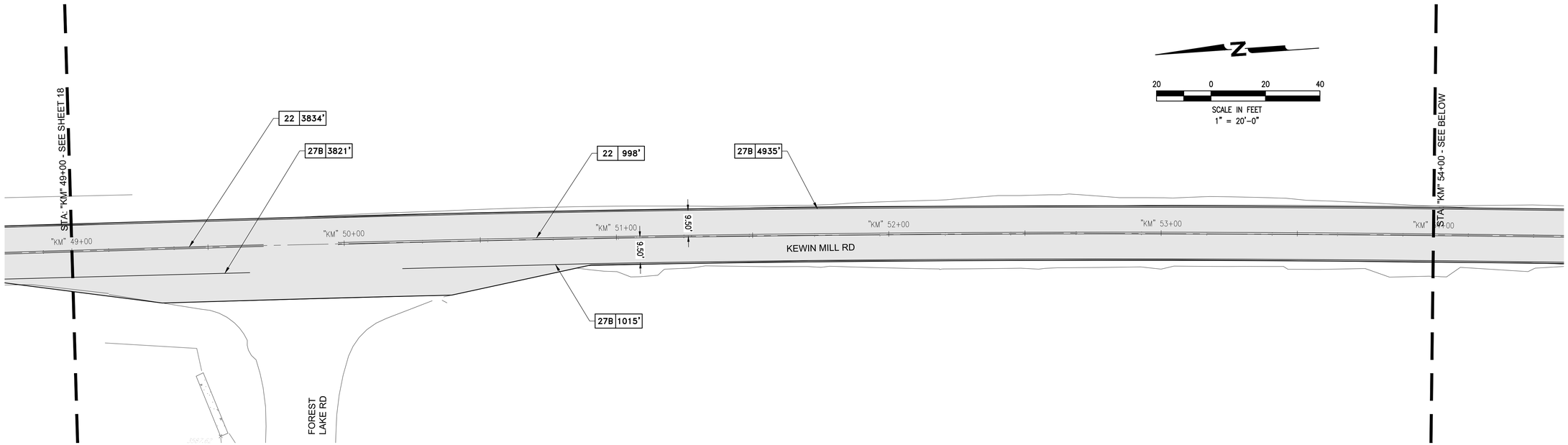


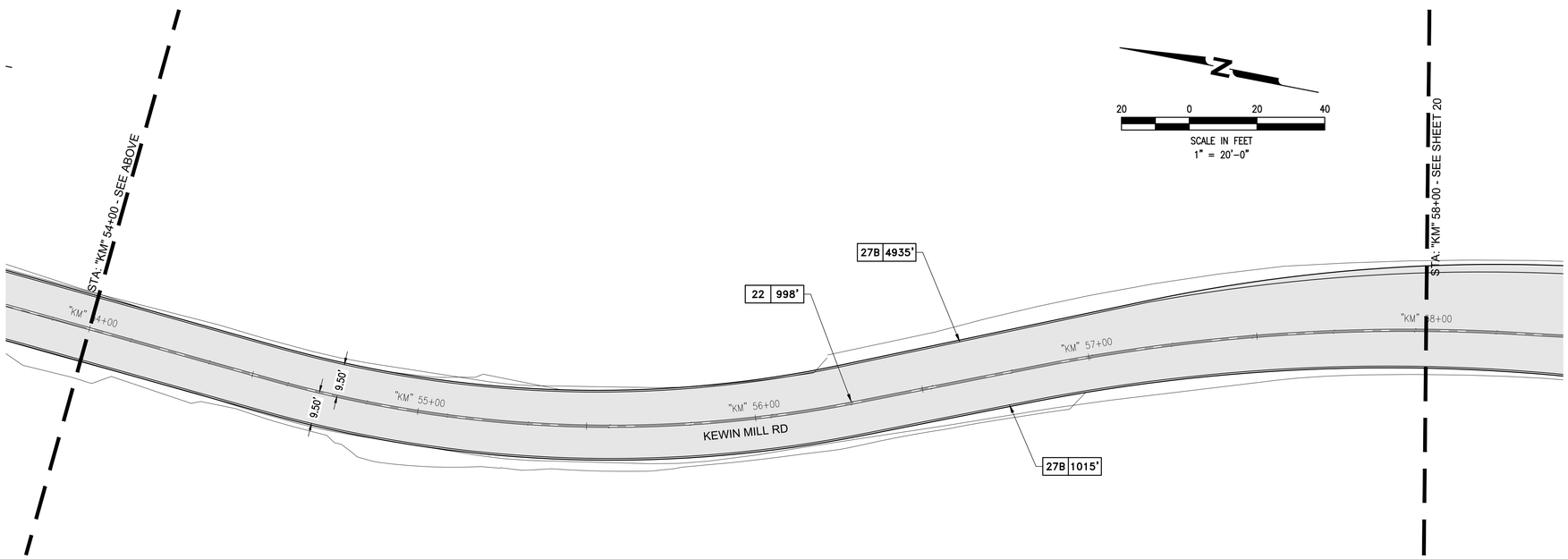


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# KEWIN MILL ROAD STRIPING PLAN
## STA: 49+00 - 58+00

EXHIBIT FOR:
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JOB NO. --
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SHEET NUMBER
19
OF 23 SHEETS

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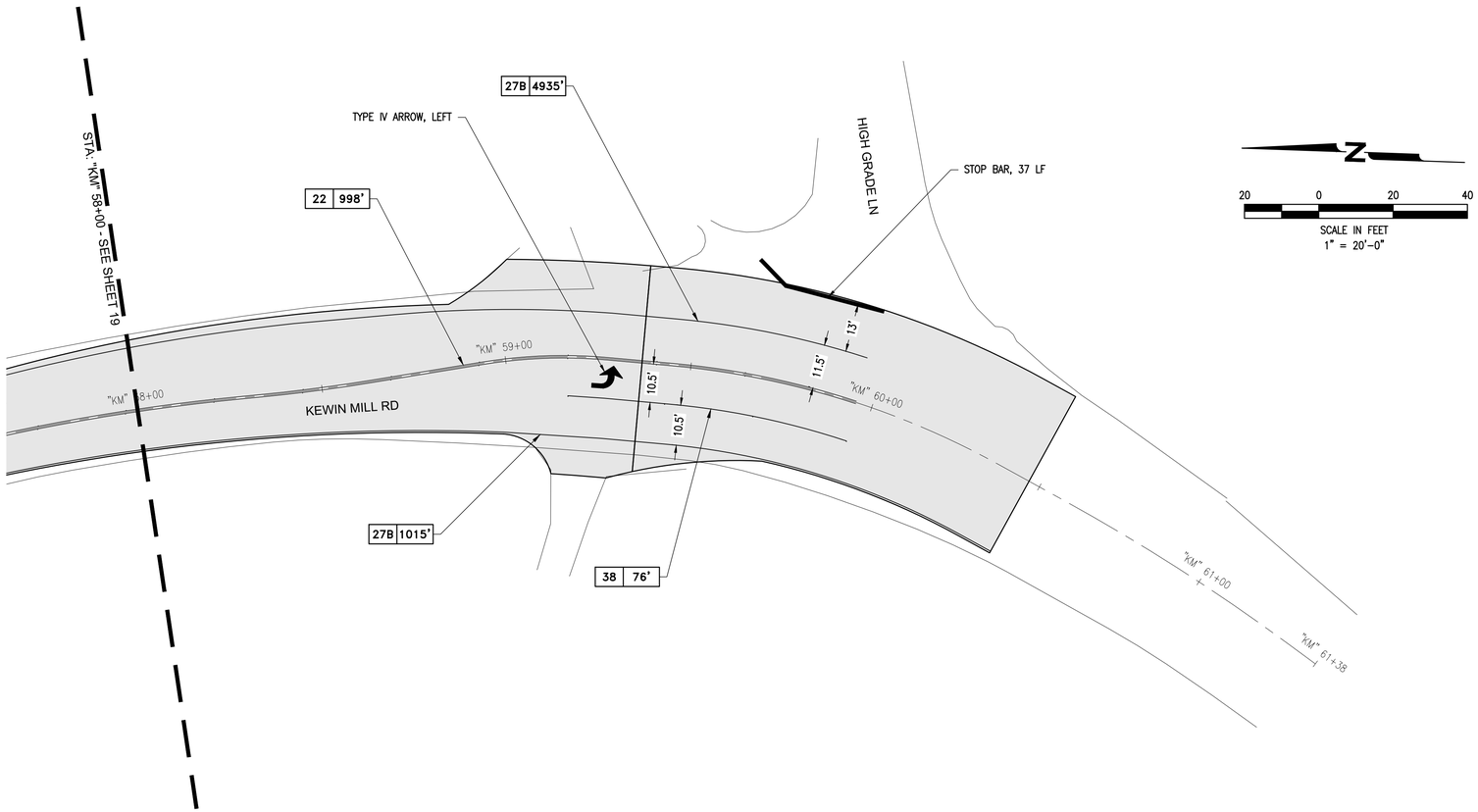


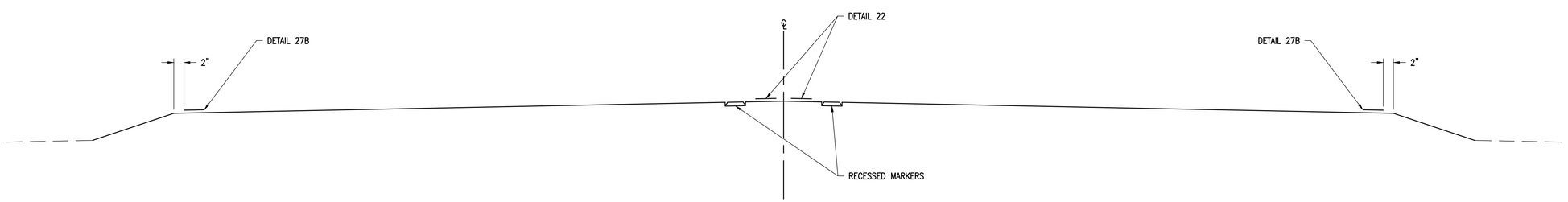


1/20 TYPICAL STRIPING SECTION
NTS

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KEWIN MILL ROAD STRIPING PLAN
STA: 58+00 - 61+38

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
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TUOLUMNE COUNTY, CALIFORNIA

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DATE 3/13/2020
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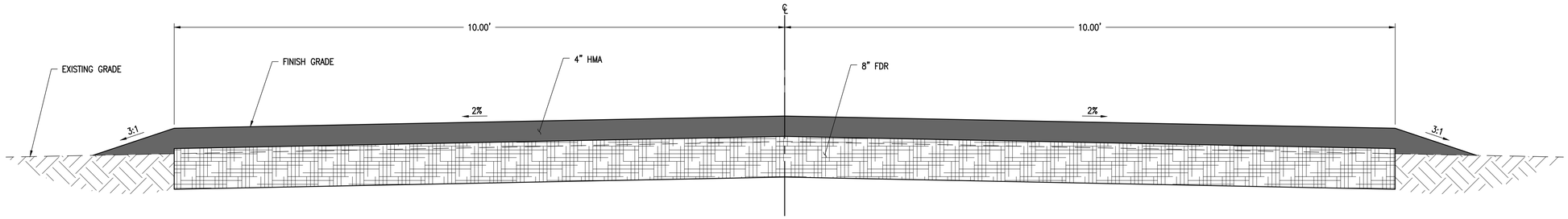
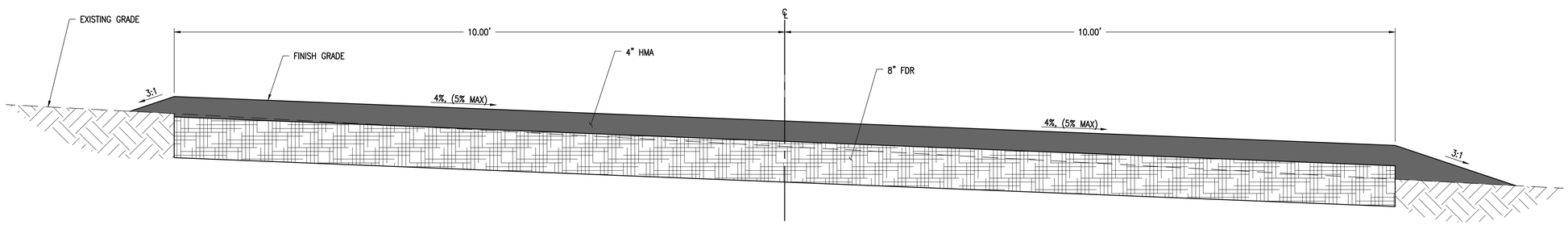
SHEET NUMBER
20
OF 23 SHEETS

File: P:\626 Tuolumne Co RMRA - NCE\06 CAD\Production\Pltsheets\KEWIN MILL STRIPING PLAN.dwg | Layout: 20 | Printed Mar 13, 2020 @ 4:26pm | 0.ua.22.0a (LMS Tech)



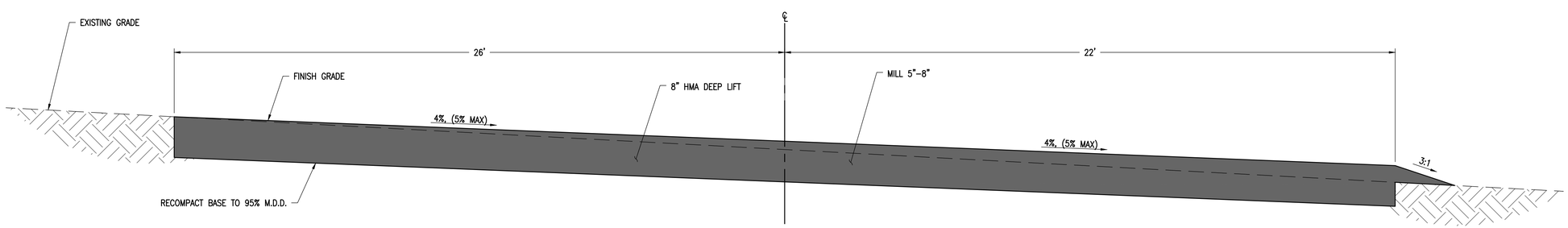

1/21 STANDARD CROSS SECTION FOR STRAIGHT ROAD SEGMENTS
NTS




2/21 STANDARD CROSS SECTION FOR SUPERELEVATED CURVED ROAD SEGMENTS
NTS

NOTE:

1. REVERSE SECTION FOR LEFT TURNING SUPERELEVATION.




3/21 STANDARD CROSS SECTION FOR DEEP LIFT ROAD SEGMENT
NTS

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DATE: 03-13-20

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISORS APPROVAL

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

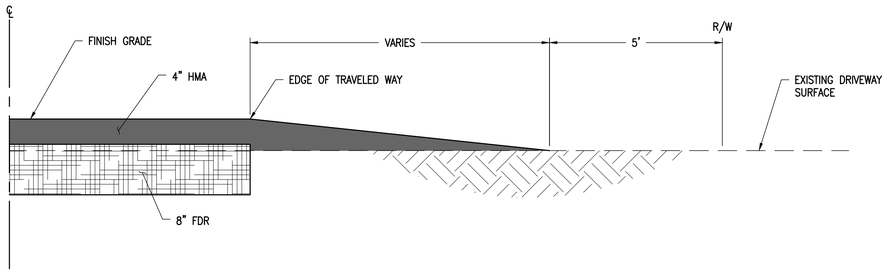
KEWIN MILL ROAD TYP. SECTIONS

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

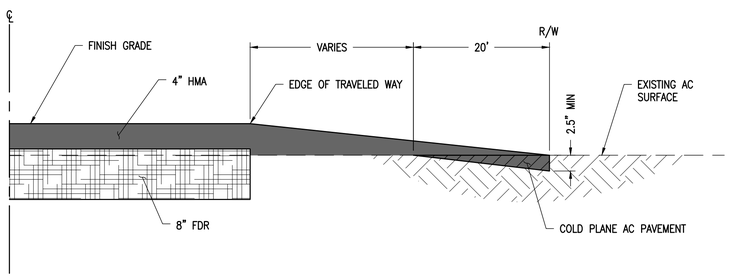
JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

SHEET NUMBER
21
OF 23 SHEETS

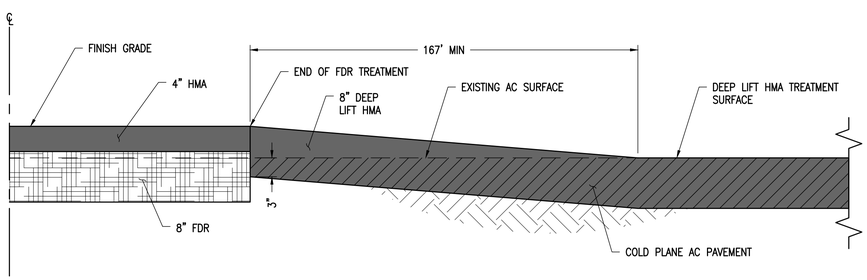
File: P:\636 Tuolumne Co RMRA - NCE\06 CAD\Production\Plansets\KEWIN MILL P&P.dwg | Layout: 21 | Printed Mar 13, 2020 @ 4:27pm | ID.Js22.0s (LMS Tech)



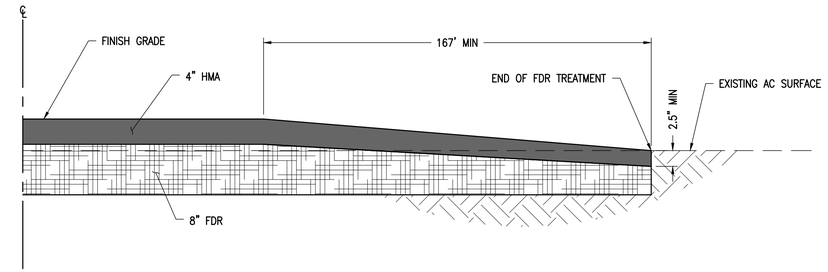

1/22 TYPICAL CROSS SECTION – DRIVEWAYS
NTS



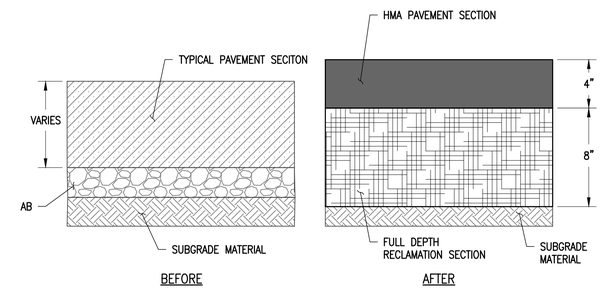

2/22 TYPICAL CROSS SECTION – CROSS STREETS
NTS




3/22 CROSS SECTION – FDR TO DEEP LIFT TRANSITION
NTS




4/22 CROSS SECTION – FDR TO EXISTING TRANSITION
NTS




5/22 RECONSTRUCTION: HMA OVER FDR
N.T.S.

NOTES:

1. PAVEMENT CORE LOCATIONS AND MEASUREMENTS FOR TYPICAL PAVEMENT SECTION CAN BE FOUND ON SHEET 2.
2. DEPTH OF FDR SHALL BE SET TO ALLOW FOR 4" HMA OVER 8" OF COMPACTED FDR BASED ON FG SHOWN ON PLANS.

SIGNATURES:
REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
SUPERVISOR'S APPROVAL

TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS
2 SOUTH GREEN STREET
SONORA, CALIFORNIA 95370
PHONE (209) 533-5601
FAX (209) 533-5698

KEWIN MILL ROAD DETAILS

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
CK BY JS
BRIDGE NO. NA

REGISTERED PROFESSIONAL ENGINEER
STEPHEN HAWKINS
NO. 36556
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SHEET NUMBER
22
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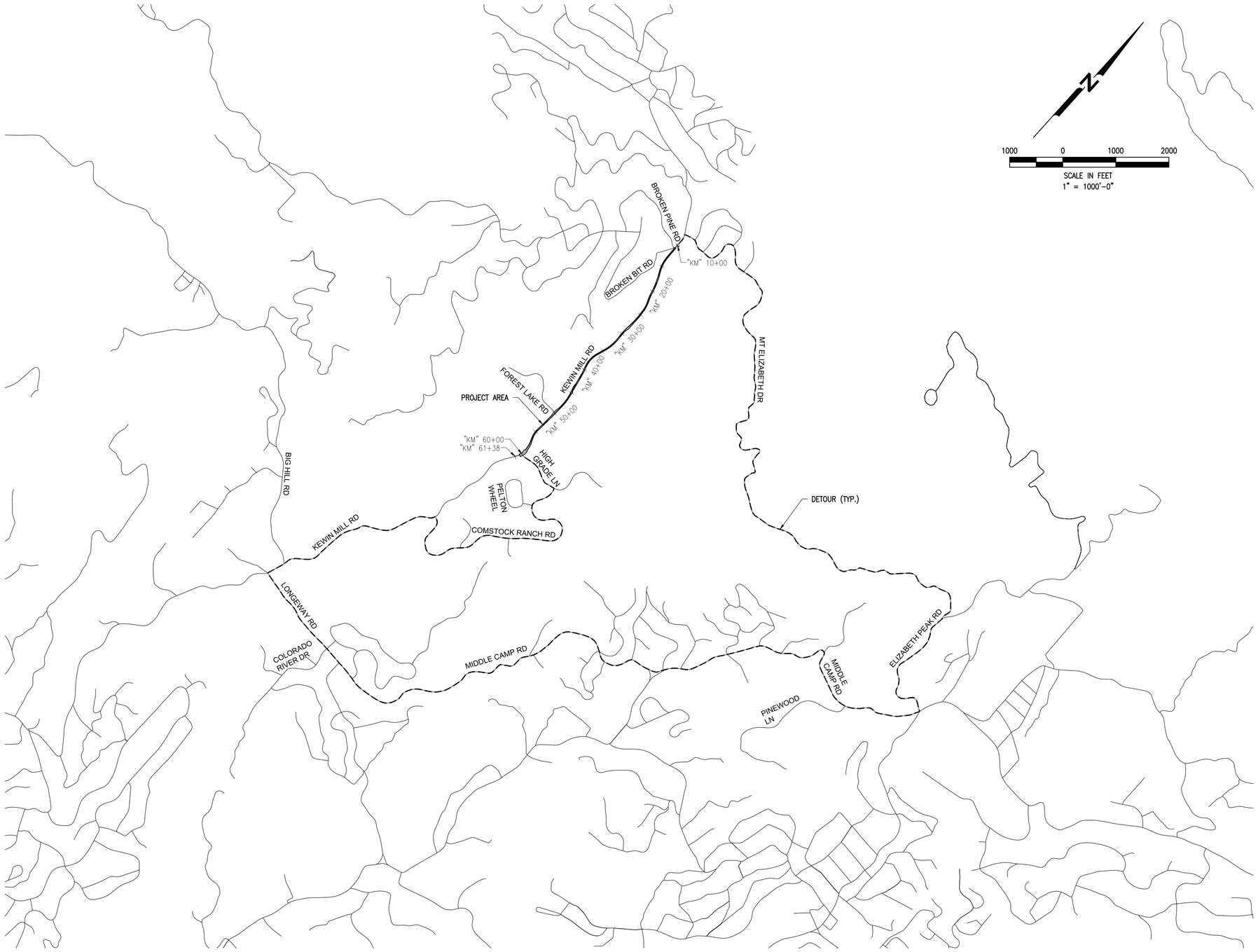


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SUPERVISORS APPROVAL

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TUOLUMNE COUNTY
DEPARTMENT OF PUBLIC WORKS


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# KEWIN MILL ROAD DETOUR PLAN

EXHIBIT FOR:
TUOLUMNE COUNTY RMRA
MITIGATION-FUNDED ROAD REPAIR
TUOLUMNE COUNTY, CALIFORNIA

JOB NO. --
DATE 3/13/2020
DR BY JH
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BRIDGE NO. NA

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