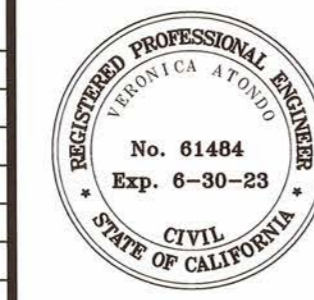


REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Veronica Atondo*  
 VERONICA ATONDO, P.E.  
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING  
 DATE: 9/13/21



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
 JOHN A. GAY, P.E.  
 DIRECTOR OF PUBLIC WORKS  
 DATE: 9/13/21

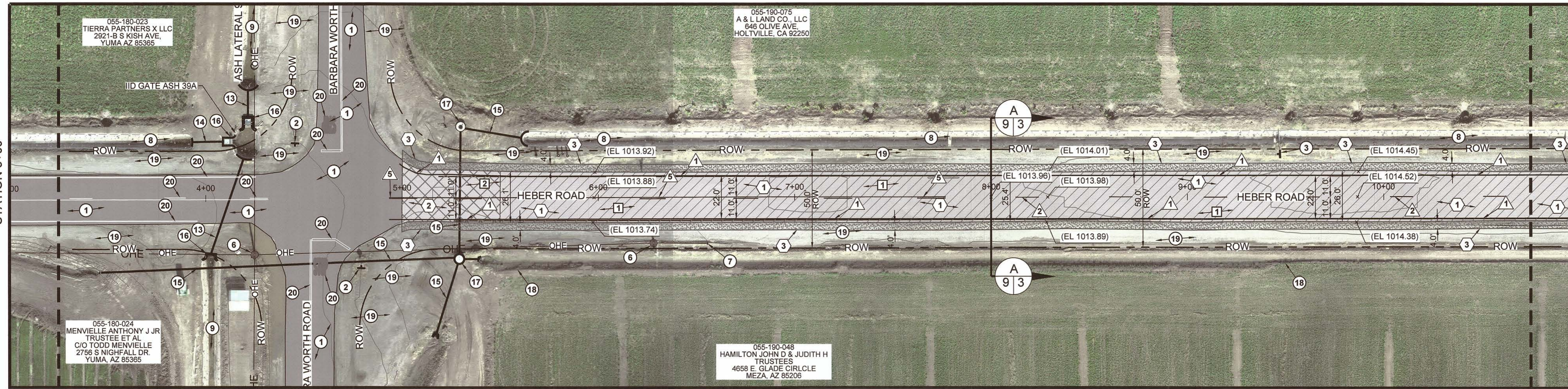
PUBLIC WORKS DEPARTMENT  
**COUNTY OF IMPERIAL**  
 EL CENTRO, CALIFORNIA

DATE: 08/20/21  
 DRAWN: AG  
 SCALE: NTS  
 CHECKED: V.A./A.G.

PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY;  
 FEDERAL PROJECT NO. HIPL 5958(122)  
 COUNTY PROJECT NO. 6826

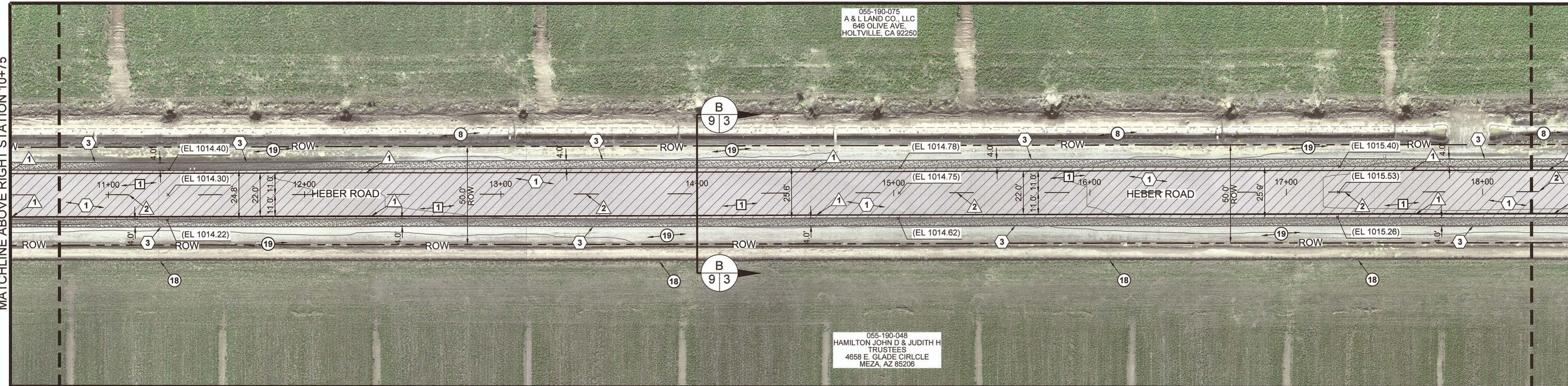
SHEET INDEX	
REFERENCE	R-995
6826	SHEET 2 OF 14

BEGINNING OF CONSTRUCTION  
STATION 5+00






MATCHLINE BELOW LEFT STATION 10+75

MATCHLINE ABOVE RIGHT STATION 10+75



MATCHLINE SEE SHEET 4  
ABOVE RIGHT STATION 18+25

**LEGEND**

-  CONTRACTOR SHALL GRIND 1-INCH OF EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
-  ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.
-  INSTALL 4-FOOT WIDE CLASS 2 SHOULDER.

**EXISTING KEYNOTES**

- 1 EXISTING AC PAVEMENT TO REMAIN.
- 2 EXISTING STOP SIGN TO REMAIN.
- 3 EXISTING 4 WAY INTERSECTION WARNING SIGN TO REMAIN.
- 4 EXISTING MAILBOX TO REMAIN.
- 5 EXISTING P.C.C. CONCRETE TO REMAIN.
- 6 EXISTING POWER/TELEPHONE POLE TO REMAIN.
- 7 EXISTING GUY WIRE TO REMAIN.
- 8 EXISTING PRIVATE CONCRETE IRRIGATION DITCH TO REMAIN.
- 9 EXISTING IID CANAL TO REMAIN.
- 10 EXISTING CURVE AHEAD WARNING SIGN TO REMAIN.
- 11 EXISTING IRRIGATION GATE CONTROLLER FIXTURE TO REMAIN.
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- 13 EXISTING UNDERGROUND IMPERIAL IRRIGATION PIPE TO REMAIN.
- 14 EXISTING UNDERGROUND PRIVATE IRRIGATION SERVICE PIPE TO REMAIN.
- 15 EXISTING TAILWATER DRAIN PIPE TO REMAIN.
- 16 EXISTING IID HEADWALL TO REMAIN.
- 17 EXISTING IRRIGATION TAILWATER MANHOLE TO REMAIN.
- 18 EXISTING PRIVATE IRRIGATION SWALE TO REMAIN.
- 19 EXISTING NATIVE MATERIAL TO REMAIN.
- 20 EXISTING STRIPING TO REMAIN.

**DEMOLITION KEYNOTES**

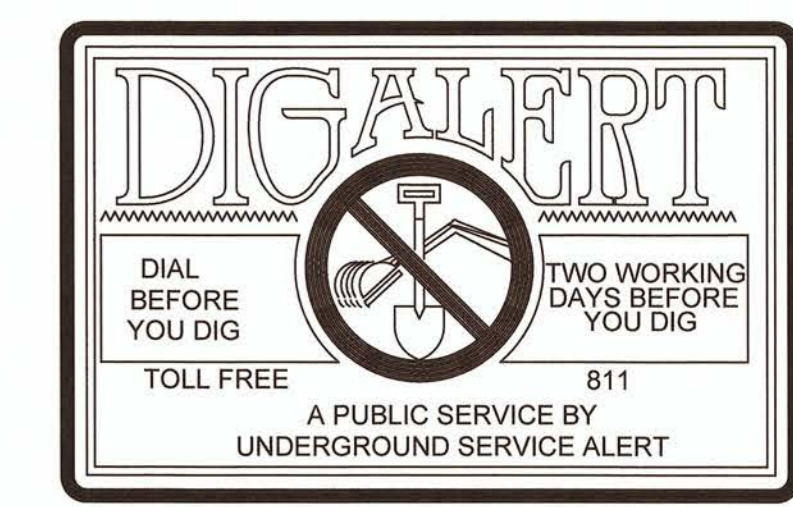
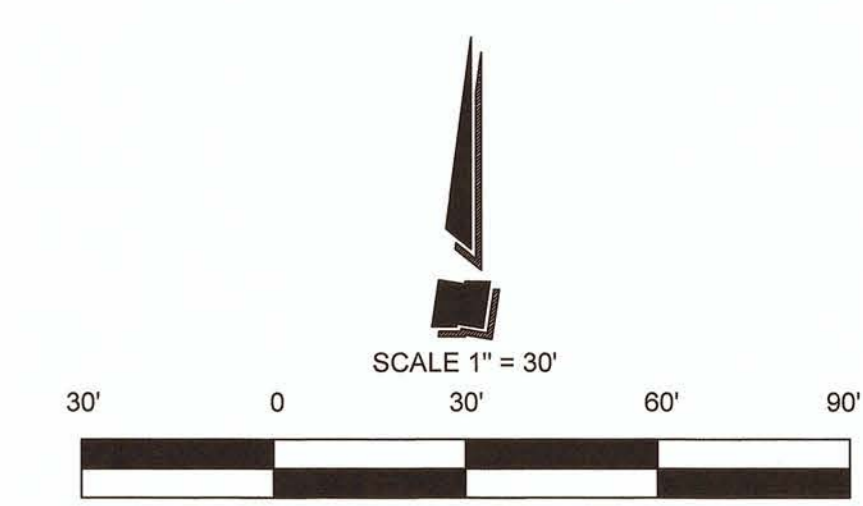
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- 2 CONTRACTOR SHALL GRIND (HEADER CUT) THE EXISTING A.C. PAVEMENT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.

**CONSTRUCTION KEYNOTES**

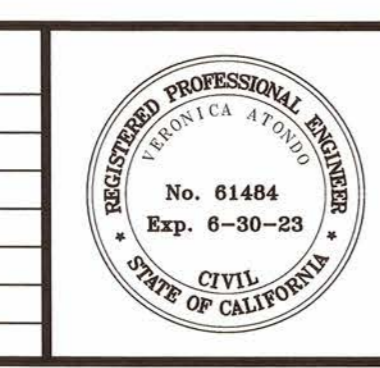
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**STRIPING KEYNOTES**

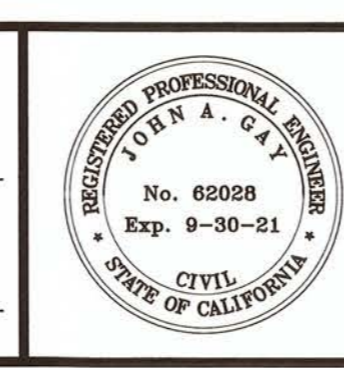
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- 6 CONTRACTOR TO PAINT "STOP" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL D ON SHEET 12.
- 7 CONTRACTOR TO PAINT 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G. SEE DETAIL E ON SHEET 12.



REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Veronica Atanido*  
 VERONICA ATANIDO, P.E.  
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING  
 DATE: 9/13/21



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
 JOHN A. GAY, P.E.  
 DIRECTOR OF PUBLIC WORKS  
 DATE: 9/13/21

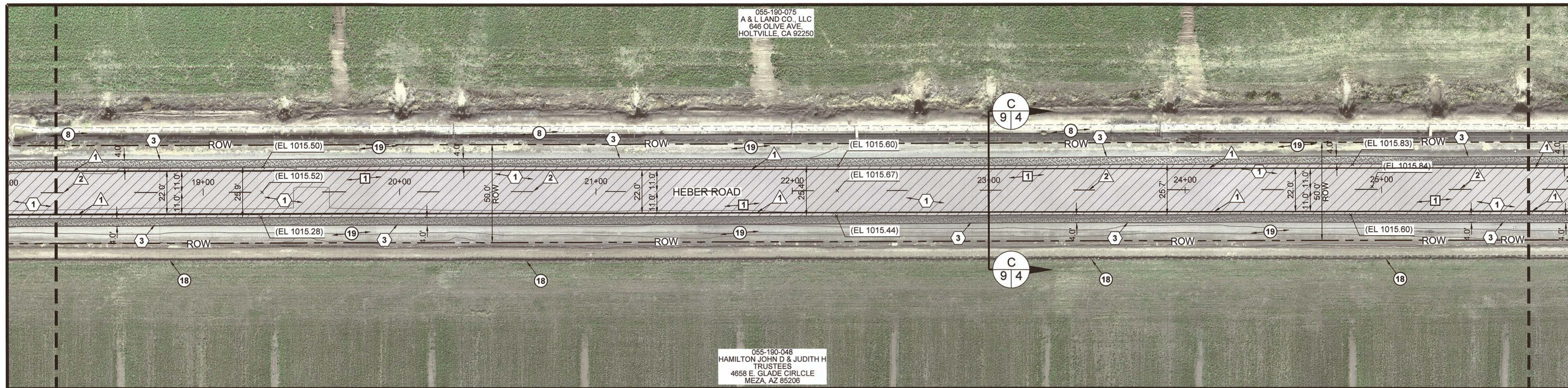
PUBLIC WORKS DEPARTMENT  
**COUNTY OF IMPERIAL**  
 EL CENTRO, CALIFORNIA

DATE: 08/20/21  
 DRAWN: AG  
 SCALE: 1" = 30'  
 CHECKED: V.A./A.G.

PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY;  
 FEDERAL PROJECT NO. HIPL 5958(122)  
 COUNTY PROJECT NO. 6826

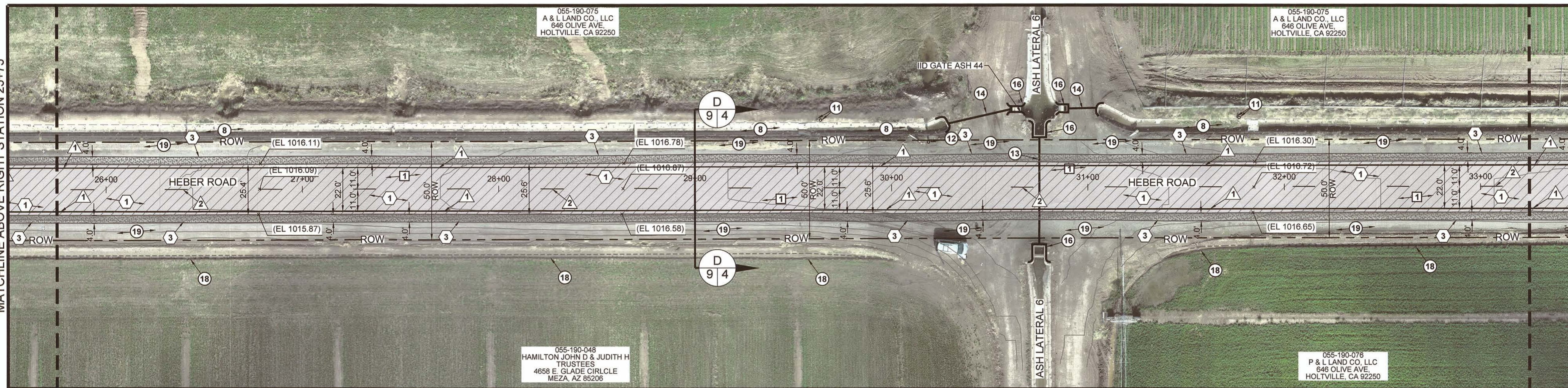
EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 5+00 TO STA 18+25  
 REFERENCE: 6826  
 SHEET 3 OF 14

MATCHLINE SEE SHEET 3  
BELOW LEFT STATION 18+25



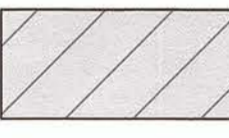
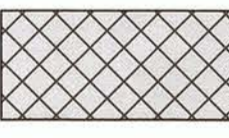

MATCHLINE BELOW LEFT STATION 25+75

MATCHLINE ABOVE RIGHT STATION 25+75



MATCHLINE SEE SHEET 5  
ABOVE RIGHT STATION 33+25

**LEGEND**

-  CONTRACTOR SHALL GRIND 1-INCH OF EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
-  ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.
-  INSTALL 4-FOOT WIDE CLASS 2 SHOULDER.

**EXISTING KEYNOTES**

- ① EXISTING AC PAVEMENT TO REMAIN.
- ② EXISTING STOP SIGN TO REMAIN.
- ③ EXISTING 4 WAY INTERSECTION WARNING SIGN TO REMAIN.
- ④ EXISTING MAILBOX TO REMAIN.
- ⑤ EXISTING P.C.C. CONCRETE TO REMAIN.
- ⑥ EXISTING POWER/TELEPHONE POLE TO REMAIN.
- ⑦ EXISTING GUY WIRE TO REMAIN.
- ⑧ EXISTING PRIVATE CONCRETE IRRIGATION DITCH TO REMAIN.
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- ⑱ EXISTING PRIVATE IRRIGATION SWALE TO REMAIN.
- ⑲ EXISTING NATIVE MATERIAL TO REMAIN.
- ⑳ EXISTING STRIPING TO REMAIN.

**DEMOLITION KEYNOTES**

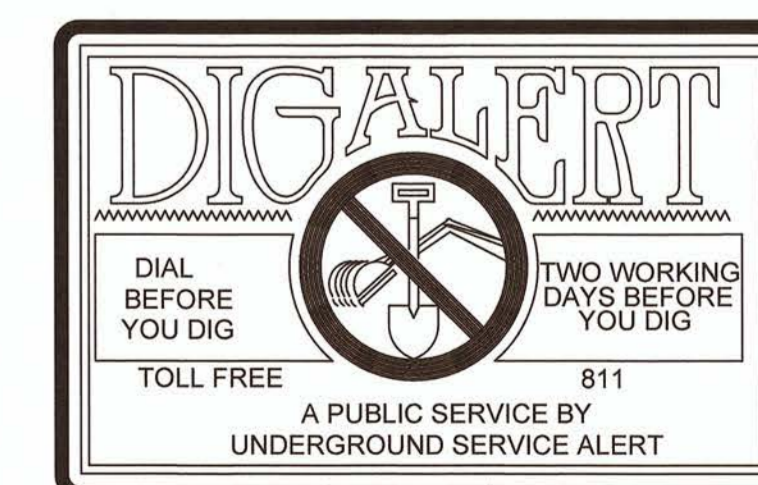
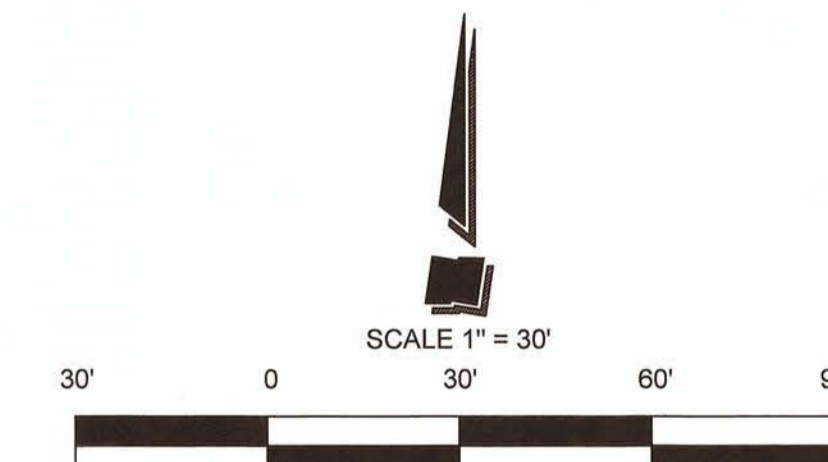
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**CONSTRUCTION KEYNOTES**

- ① CONTRACTOR SHALL CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WITH A RUBBERIZED CRACK FILLER MATERIAL. AFTER THE GRINDING AND CRACK SEALING PROCESS HAS BEEN COMPLETED THE CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER A 1-INCH LEVELING COURSE. SEE SECTION A-A THROUGH K-K ON SHEET 9-10.
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**STRIPING KEYNOTES**

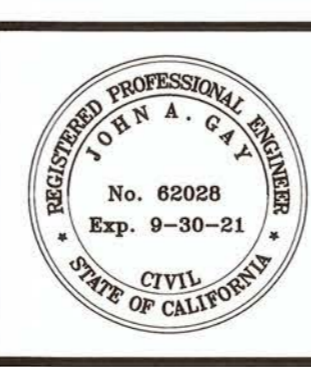
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- ⑦ CONTRACTOR TO PAINT 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G. SEE DETAIL E ON SHEET 12.



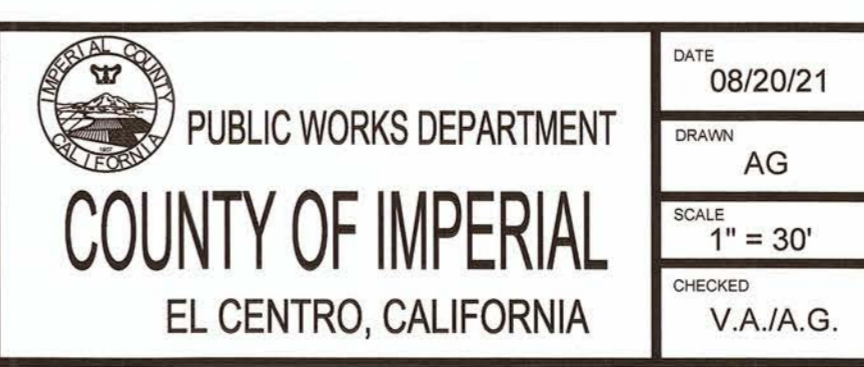
REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:  
**Atondo V.**  
 No. 62028  
 R.C.E. No.  
 06/30/23  
 REG. EXP.  
 DATE: 9/13/21



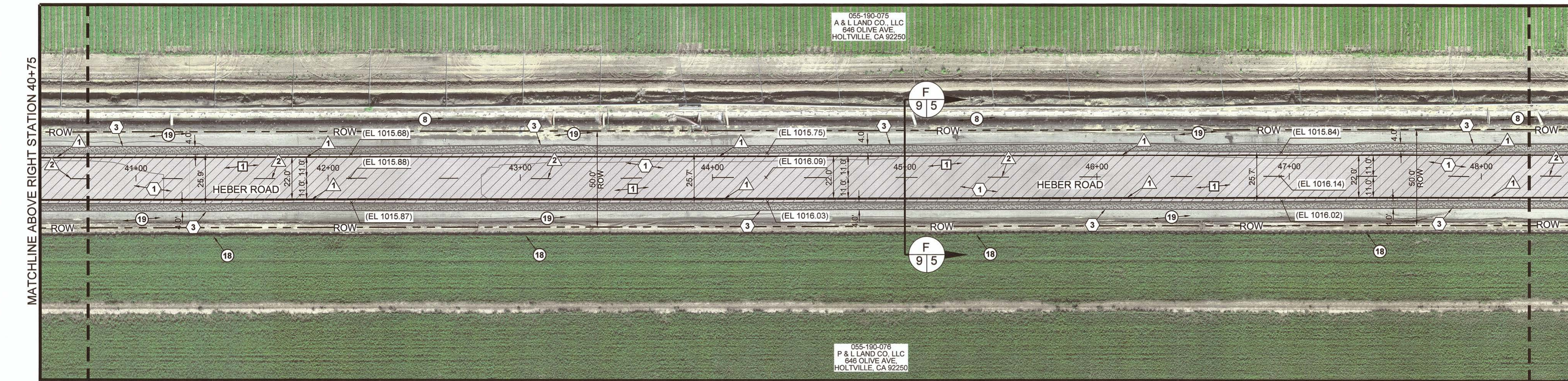
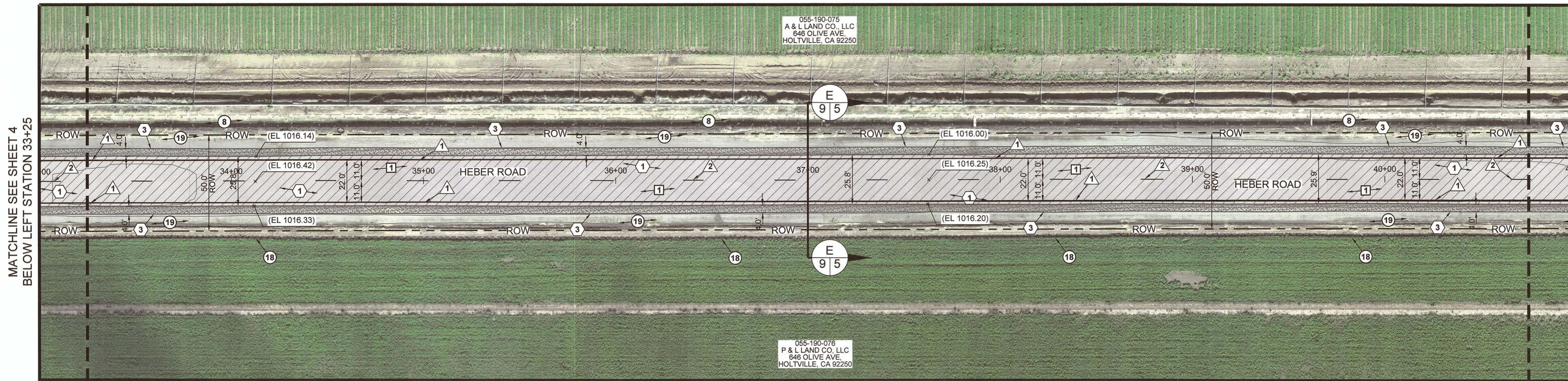
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:  
**John A. Gay**  
 No. 62028  
 R.C.E. No.  
 09/30/21  
 REG. EXP.  
 DATE: 9/13/21



DATE: 08/20/21  
 DRAWN: AG  
 SCALE: 1" = 30'  
 CHECKED:  
 V.A./A.G.

PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY; FEDERAL PROJECT NO. HIPL 6958(122) COUNTY PROJECT NO. 6826

EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 18+25 TO STA 33+25	
REFERENCE	R-995
6826	SHEET 4 OF 14



**LEGEND**

- CONTRACTOR SHALL GRIND 1-INCH OF EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
- ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.
- INSTALL 4-FOOT WIDE CLASS 2 SHOULDER.

**EXISTING KEYNOTES**

- 1 EXISTING AC PAVEMENT TO REMAIN.
- 2 EXISTING STOP SIGN TO REMAIN.
- 3 EXISTING 4 WAY INTERSECTION WARNING SIGN TO REMAIN.
- 4 EXISTING MAILBOX TO REMAIN.
- 5 EXISTING P.C.C. CONCRETE TO REMAIN.
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- 20 EXISTING STRIPING TO REMAIN.

**DEMOLITION KEYNOTES**

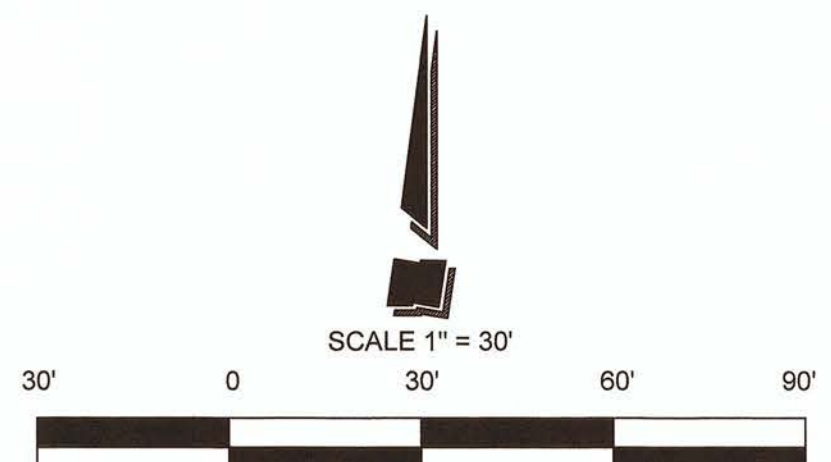
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**CONSTRUCTION KEYNOTES**

- 1 CONTRACTOR SHALL CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WITH A RUBBERIZED CRACK FILLER MATERIAL. AFTER THE GRINDING AND CRACK SEALING PROCESS HAS BEEN COMPLETED THE CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER A 1-INCH LEVELING COURSE. SEE SECTION A-A THROUGH K-K ON SHEET 9-10.
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**STRIPING KEYNOTES**

- 1 CONTRACTOR TO PAINT 6" SOLID WHITE LINE.
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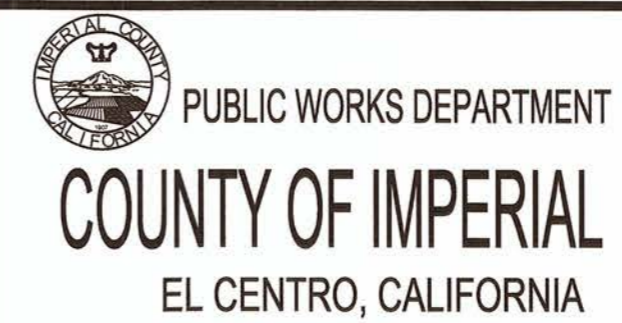
REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Veronica Atondo*  
 No. 61484 R.C.E. No.  
 VERONICA ATONDO, P.E.  
 DEPUTY DIRECTOR OF PUBLIC  
 WORKS - ENGINEERING  
 9/13/21  
 DATE



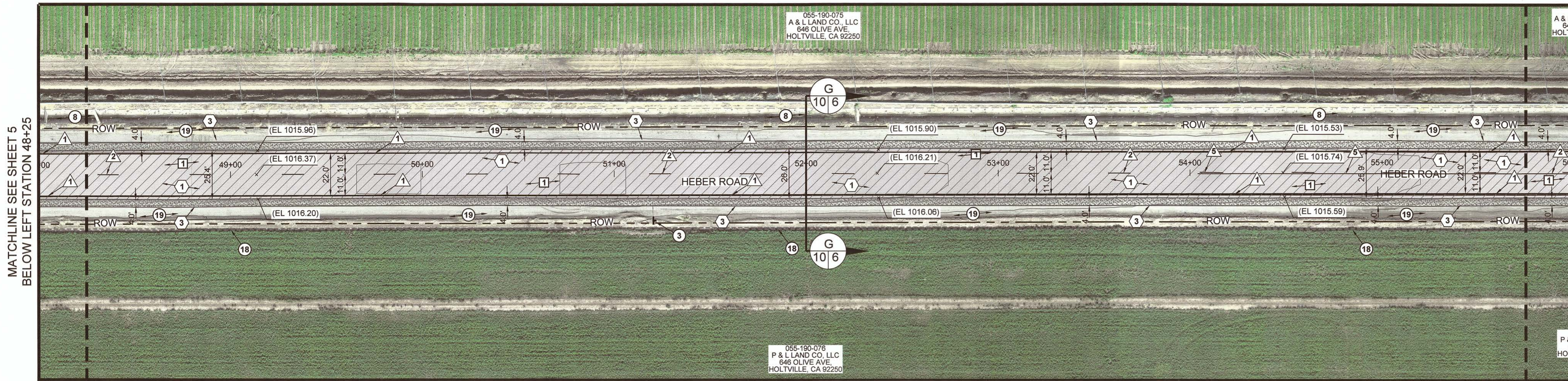
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
 No. 62028 R.C.E. No.  
 JOHN A. GAY, P.E.  
 DIRECTOR OF PUBLIC WORKS  
 9/13/21  
 DATE



DATE 08/20/21  
 DRAWN AG  
 SCALE 1" = 30'  
 CHECKED V.A./A.G.

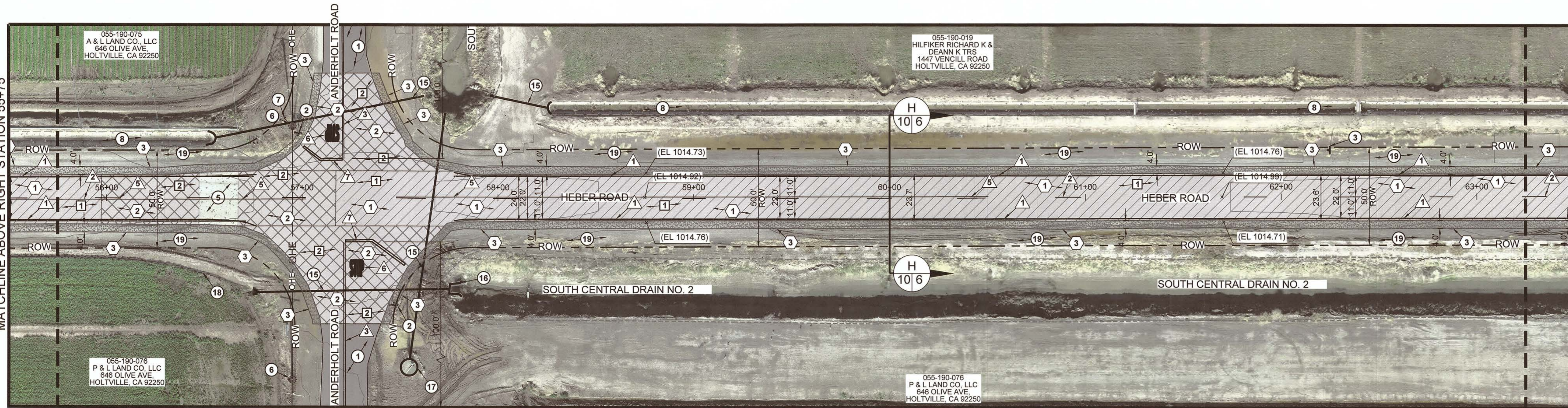
PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY, HIPL 59558(122) COUNTY PROJECT NO. 6826

EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 33+25 TO STA 48+25	
REFERENCE 6826	R-995
SHEET 5	OF 14



MATCHLINE SEE SHEET 5  
BELOW LEFT STATION 48+25

MATCHLINE BELOW LEFT STATION 55+75



MATCHLINE ABOVE RIGHT STATION 55+75

MATCHLINE SEE SHEET 7  
ABOVE RIGHT STATION 63+25

**LEGEND**

- CONTRACTOR SHALL GRIND 1-INCH OF EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
- ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.
- INSTALL 4-FOOT WIDE CLASS 2 SHOULDER.

**EXISTING KEYNOTES**

- 1 EXISTING AC PAVEMENT TO REMAIN.
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**DEMOLITION KEYNOTES**

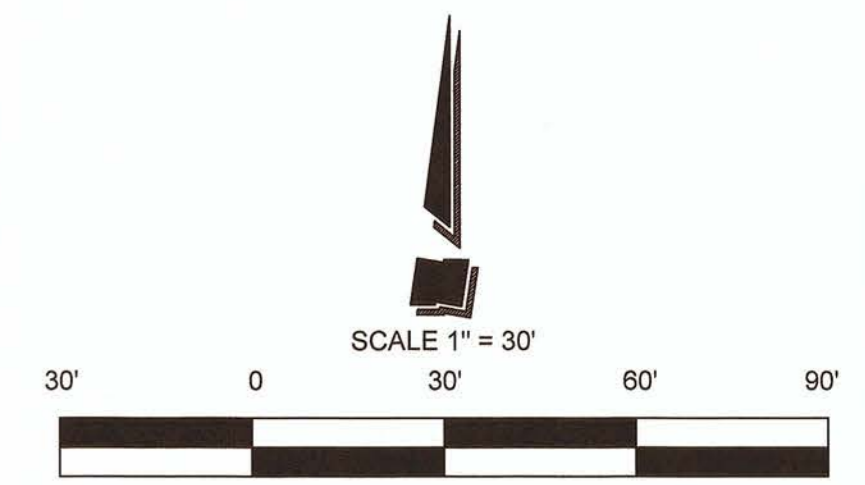
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- 2 CONTRACTOR SHALL GRIND (HEADER CUT) THE EXISTING A.C. PAVEMENT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.

**CONSTRUCTION KEYNOTES**

- 1 CONTRACTOR SHALL CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WITH A RUBBERIZED CRACK FILLER MATERIAL. AFTER THE GRINDING AND CRACK SEALING PROCESS HAS BEEN COMPLETED THE CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER A 1-INCH LEVELING COURSE. SEE SECTION A-A THROUGH K-K ON SHEET 9-10.
- 2 CONTRACTOR TO INSTALL A C.C. PAVEMENT AT "HEADER CUT" JOINT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.
- 3 CONTRACTOR TO PLACE CLASS 2 BASE MATERIAL FLUSH WITH NEW A.C. PAVEMENT FOR A HORIZONTAL DISTANCE OF 4-FOOT OR AS ILLUSTRATED ON IMPROVEMENT PLANS BY THE HATCH AREA TO DAYLIGHT. COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. APPLY LIGHT MIST OF WATER TO THE CLASS 2 SURFACE AFTER FINAL GRADING IS SATISFACTORILY COMPLETED. SEE SECTION DETAIL A-A THROUGH K-K ON SHEET 9 AND 10.

**STRIPING KEYNOTES**

- 1 CONTRACTOR TO PAINT 6" SOLID WHITE LINE.
- 2 CONTRACTOR TO PAINT A 6-INCH DASH YELLOW LANELINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 5. SEE DETAIL B ON SHEET 12.
- 3 CONTRACTOR TO PAINT A 6-INCH SOLID DOUBLE YELLOW LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 21. SEE DETAIL B ON SHEET 12.
- 4 CONTRACTOR TO PAINT A 6-INCH DOUBLE YELLOW "NO PASSING ZONE" LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 18. SEE DETAIL B ON SHEET 12.
- 5 CONTRACTOR TO PAINT A 6-INCH DOUBLE YELLOW "NO PASSING ZONE" LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20B, DETAIL 34A. SEE DETAIL C ON SHEET 12.
- 6 CONTRACTOR TO PAINT "STOP" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL D ON SHEET 12.
- 7 CONTRACTOR TO PAINT 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G. SEE DETAIL E ON SHEET 12.



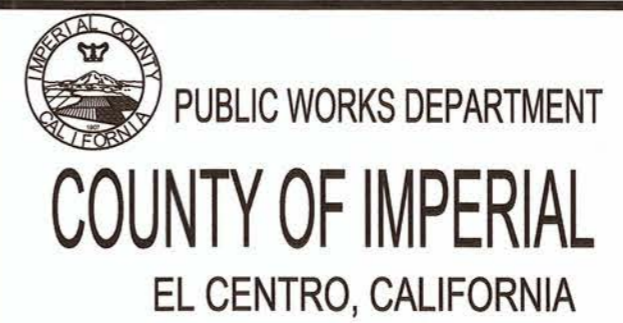
REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Veronica Atondo*  
 No. 61484 R.C.E. No. 61484  
 Exp. 6-30-23  
 VERONICA ATONDO, P.E.  
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING  
 DATE: 9/13/24 REG. EXP. 06/30/23



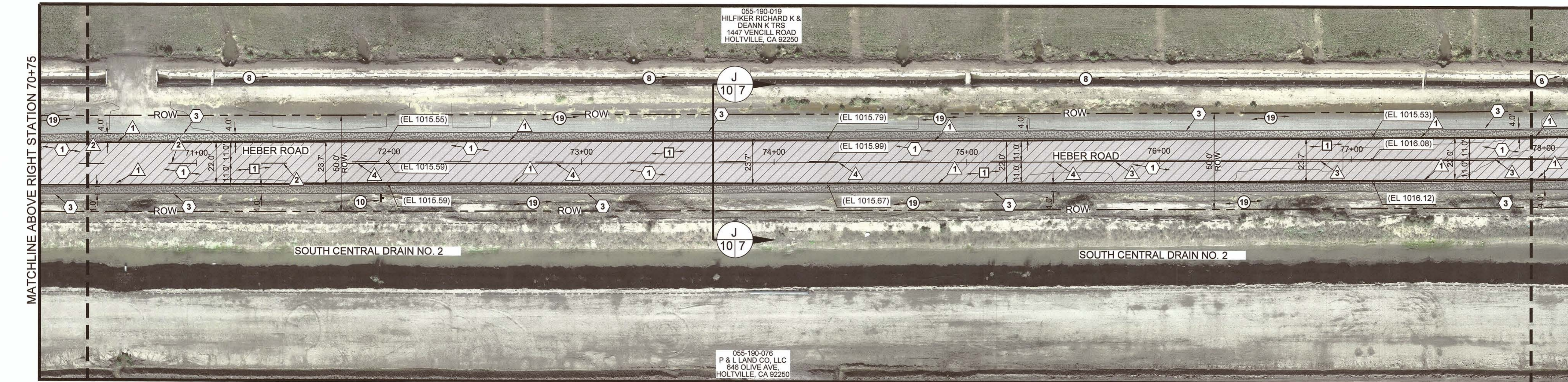
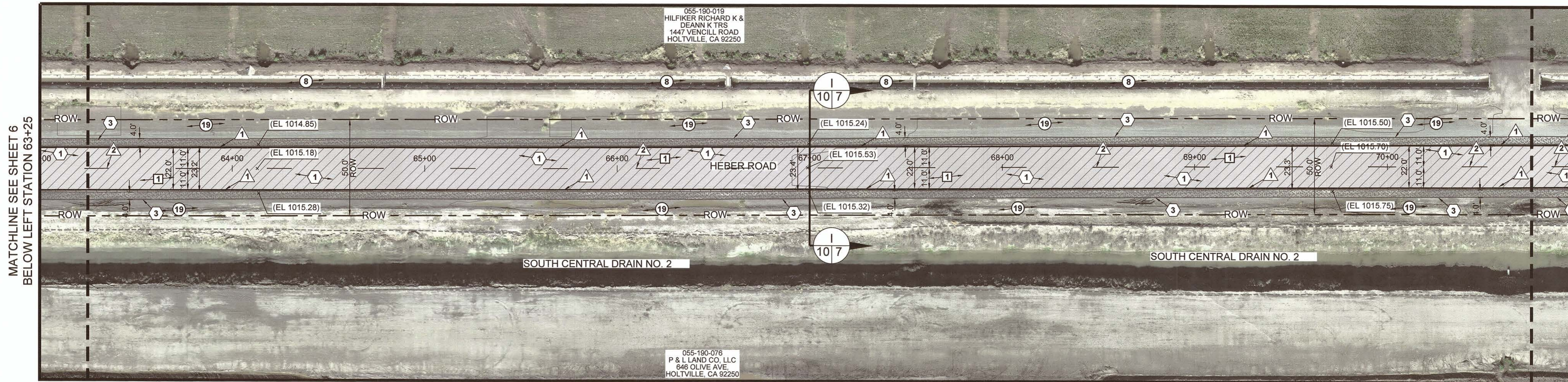
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
 No. 82028 R.C.E. No. 82028  
 Exp. 9-30-21  
 JOHN A. GAY, P.E.  
 DIRECTOR OF PUBLIC WORKS  
 DATE: 9/13/24 REG. EXP. 09/30/21



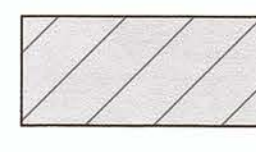
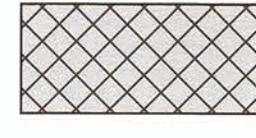

DATE: 08/20/21  
 DRAWN: AG  
 SCALE: 1" = 30'  
 CHECKED: V.A./A.G.

PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY;  
 FEDERAL PROJECT NO. HIPL 6958(122)  
 COUNTY PROJECT NO. 6826

EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 48+25 TO STA 63+25  
 REFERENCE: 6826  
 R-995  
 SHEET 6 OF 14



**LEGEND**

-  CONTRACTOR SHALL GRIND 1-INCH OF EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER AN 1-INCH LEVELING COURSE.
-  ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.
-  INSTALL 4-FOOT WIDE CLASS 2 SHOULDER.

**EXISTING KEYNOTES**

- 1 EXISTING AC PAVEMENT TO REMAIN.
- 2 EXISTING STOP SIGN TO REMAIN.
- 3 EXISTING 4 WAY INTERSECTION WARNING SIGN TO REMAIN.
- 4 EXISTING MAILBOX TO REMAIN.
- 5 EXISTING P.C.C. CONCRETE TO REMAIN.
- 6 EXISTING POWER/TELEPHONE POLE TO REMAIN.
- 7 EXISTING GUY WIRE TO REMAIN.
- 8 EXISTING PRIVATE CONCRETE IRRIGATION DITCH TO REMAIN.
- 9 EXISTING IID CANAL TO REMAIN.
- 10 EXISTING CURVE AHEAD WARNING SIGN TO REMAIN.
- 11 EXISTING IRRIGATION GATE CONTROLLER FIXTURE TO REMAIN.
- 12 EXISTING 12-INCH IRRIGATION SPRINKLER PUMP SETUP TO REMAIN.
- 13 EXISTING UNDERGROUND IMPERIAL IRRIGATION PIPE TO REMAIN.
- 14 EXISTING UNDERGROUND PRIVATE IRRIGATION SERVICE PIPE TO REMAIN.
- 15 EXISTING TAILWATER DRAIN PIPE TO REMAIN.
- 16 EXISTING IID HEADWALL TO REMAIN.
- 17 EXISTING IRRIGATION TAILWATER MANHOLE TO REMAIN.
- 18 EXISTING PRIVATE IRRIGATION SWALE TO REMAIN.
- 19 EXISTING NATIVE MATERIAL TO REMAIN.
- 20 EXISTING STRIPING TO REMAIN.

**DEMOLITION KEYNOTES**

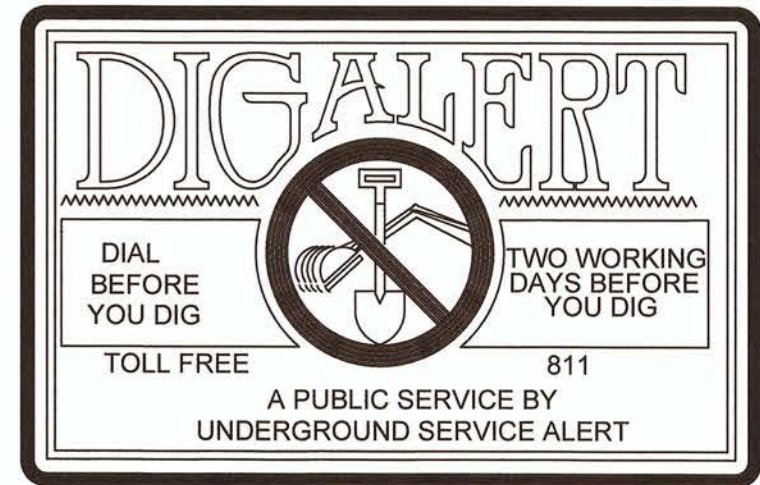
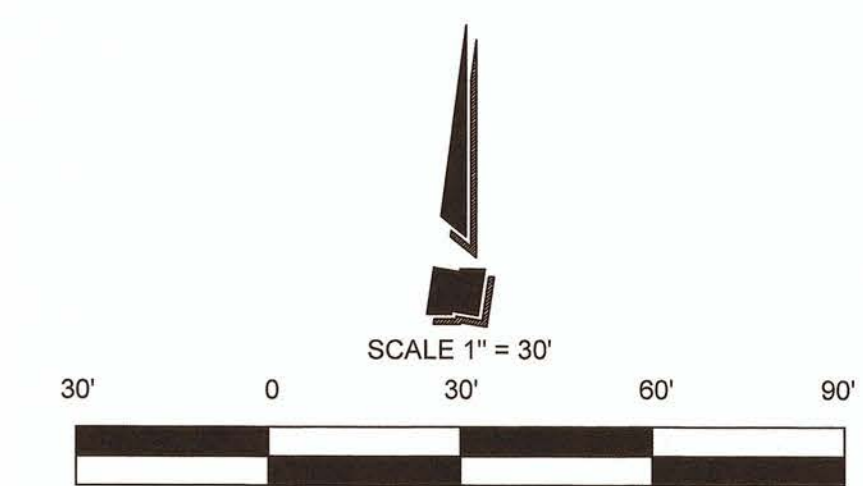
- 1 CONTRACTOR SHALL GRIND THE EXISTING A.C. PAVEMENT FOR A MAXIMUM 1-INCH IN DEPTH. THE CONTRACTOR SHALL CRACK SEAL THE EXISTING A.C. PAVEMENT AFTER GRINDING PROCESS HAS BEEN COMPLETED. SEE SECTION A-A THROUGH K-K ON SHEET 9-10.
- 2 CONTRACTOR SHALL GRIND (HEADER CUT) THE EXISTING A.C. PAVEMENT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.

**CONSTRUCTION KEYNOTES**

- 1 CONTRACTOR SHALL CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WITH A RUBBERIZED CRACK FILLER MATERIAL. AFTER THE GRINDING AND CRACK SEALING PROCESS HAS BEEN COMPLETED THE CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER A 1-INCH LEVELING COURSE. SEE SECTION A-A THROUGH K-K ON SHEET 9-10.
- 2 CONTRACTOR TO INSTALL A.C. PAVEMENT AT "HEADER CUT" JOINT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.
- 3 CONTRACTOR TO PLACE CLASS 2 BASE MATERIAL FLUSH WITH NEW A.C. PAVEMENT FOR A HORIZONTAL DISTANCE OF 4-FOOT OR AS ILLUSTRATED ON IMPROVEMENT PLANS BY THE HATCH AREA TO DAYLIGHT. COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557. APPLY LIGHT MIST OF WATER TO THE CLASS 2 SURFACE AFTER FINAL GRADING IS SATISFACTORILY COMPLETED. SEE SECTION DETAIL A-A THROUGH K-K ON SHEET 9 AND 10.

**STRIPING KEYNOTES**

- 1 CONTRACTOR TO PAINT 6" SOLID WHITE LINE.
- 2 CONTRACTOR TO PAINT A 6-INCH DASH YELLOW LANELINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 5. SEE DETAIL B ON SHEET 12.
- 3 CONTRACTOR TO PAINT A 6-INCH SOLID DOUBLE YELLOW LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 21. SEE DETAIL B ON SHEET 12.
- 4 CONTRACTOR TO PAINT A 6-INCH DOUBLE YELLOW "NO PASSING ZONE" LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 18. SEE DETAIL B ON SHEET 12.
- 5 CONTRACTOR TO PAINT A 6-INCH DOUBLE YELLOW "NO PASSING ZONE" LANE LINE STRIPE PER CALTRANS STANDARD PLAN A20B, DETAIL 34A. SEE DETAIL C ON SHEET 12.
- 6 CONTRACTOR TO PAINT "STOP" LEGEND PER CALTRANS STANDARD PLAN A24D. SEE DETAIL D ON SHEET 12.
- 7 CONTRACTOR TO PAINT 12-INCH WIDE STOP BAR PER CALTRANS STANDARD PLAN A24G. SEE DETAIL E ON SHEET 12.



REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:  
**Veronica Atondo, P.E.**  
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING  
 DATE: 9/13/21



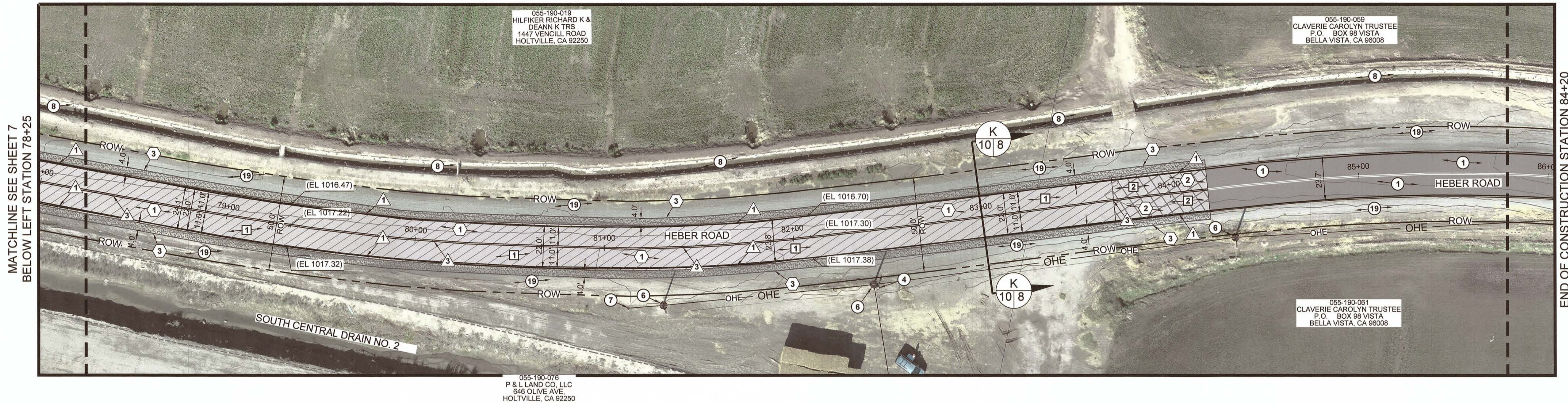
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:  
**John A. Gay, P.E.**  
 DIRECTOR OF PUBLIC WORKS  
 DATE: 9/13/21

PUBLIC WORKS DEPARTMENT  
**COUNTY OF IMPERIAL**  
 EL CENTRO, CALIFORNIA

DATE: 08/20/21  
 DRAWN: AG  
 SCALE: 1" = 30'  
 CHECKED: V.A.J.A.G.

PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY.  
 FEDERAL PROJECT NO. HIPL 6958(122)  
 COUNTY PROJECT NO. 6826

EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 63+25 TO STA 78+25	
REFERENCE	R-995
6826	SHEET 7 OF 14



MATCHLINE SEE SHEET 7  
BELOW LEFT STATION 78+25

END OF CONSTRUCTION STATION 84+20

**LEGEND**

- CONTRACTOR SHALL GRIND 1-INCH OF EXISTING A.C. PAVEMENT, CLEAN AND CRACK SEAL EXISTING CRACKS, AND PLACE 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER A 1-INCH LEVELING COURSE.
- ASPHALT CONCRETE TO BE HEADER CUT TO ACCOMMODATE NEW SECTION OR AS DIRECTED BY THE ENGINEER. SEE DETAIL A ON SHEET 11.
- INSTALL 4-FOOT WIDE CLASS 2 SHOULDER.

**EXISTING KEYNOTES**

- ① EXISTING AC PAVEMENT TO REMAIN.
- ② EXISTING STOP SIGN TO REMAIN.
- ③ EXISTING 4 WAY INTERSECTION WARNING SIGN TO REMAIN.
- ④ EXISTING MAILBOX TO REMAIN.
- ⑤ EXISTING P.C.C. CONCRETE TO REMAIN.
- ⑥ EXISTING POWER/TELEPHONE POLE TO REMAIN.
- ⑦ EXISTING GUY WIRE TO REMAIN.
- ⑧ EXISTING PRIVATE CONCRETE IRRIGATION DITCH TO REMAIN.
- ⑨ EXISTING IID CANAL TO REMAIN.
- ⑩ EXISTING CURVE AHEAD WARNING SIGN TO REMAIN.
- ⑪ EXISTING IRRIGATION GATE CONTROLLER FIXTURE TO REMAIN.
- ⑫ EXISTING 12-INCH IRRIGATION SPRINKLER PUMP SETUP TO REMAIN.
- ⑬ EXISTING UNDERGROUND IMPERIAL IRRIGATION PIPE TO REMAIN.
- ⑭ EXISTING UNDERGROUND PRIVATE IRRIGATION SERVICE PIPE TO REMAIN.
- ⑮ EXISTING TAILWATER DRAIN PIPE TO REMAIN.
- ⑯ EXISTING IID HEADWALL TO REMAIN.
- ⑰ EXISTING IRRIGATION TAILWATER MANHOLE TO REMAIN.
- ⑱ EXISTING PRIVATE IRRIGATION SWALE TO REMAIN.
- ⑲ EXISTING NATIVE MATERIAL TO REMAIN.
- ⑳ EXISTING STRIPING TO REMAIN.

**DEMOLITION KEYNOTES**

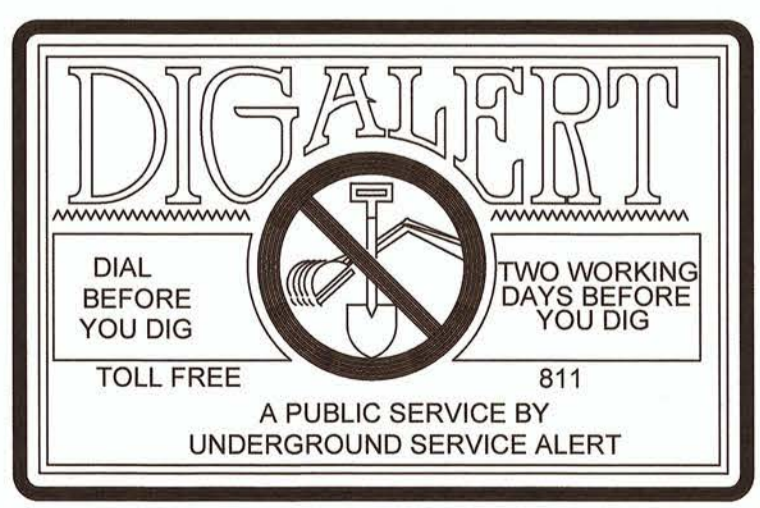
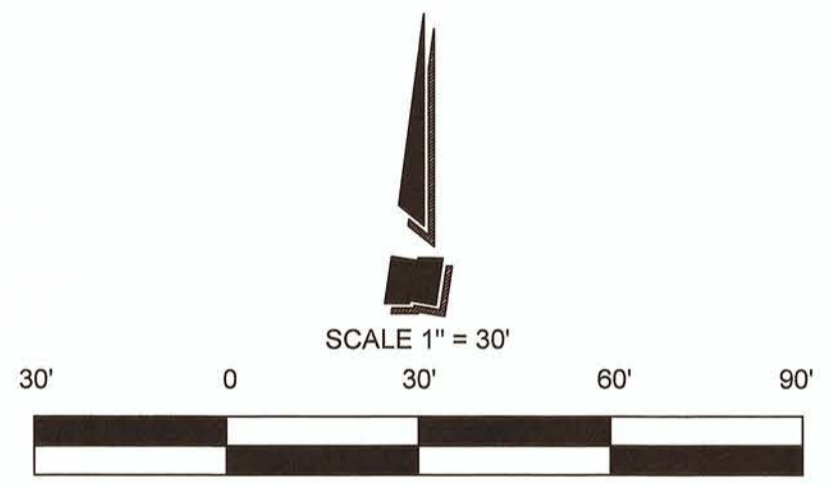
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**CONSTRUCTION KEYNOTES**

- ① CONTRACTOR SHALL CLEAN AND SEAL ALL CRACKS WIDER THAN 1/4-INCH WITH A RUBBERIZED CRACK FILLER MATERIAL. AFTER THE GRINDING AND CRACK SEALING PROCESS HAS BEEN COMPLETED THE CONTRACTOR SHALL INSTALL 2-INCHES OF A.C. PAVEMENT OVER A GEOSYNTHETIC PAVEMENT INTERLAYER OVER A 1-INCH LEVELING COURSE. SEE SECTION A-A THROUGH K-K ON SHEET 9-10.
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**STRIPING KEYNOTES**

- ① CONTRACTOR TO PAINT 6" SOLID WHITE LINE.
- ② CONTRACTOR TO PAINT A 6-INCH DASH YELLOW LANELINE STRIPE PER CALTRANS STANDARD PLAN A20A, DETAIL 5. SEE DETAIL B ON SHEET 12.
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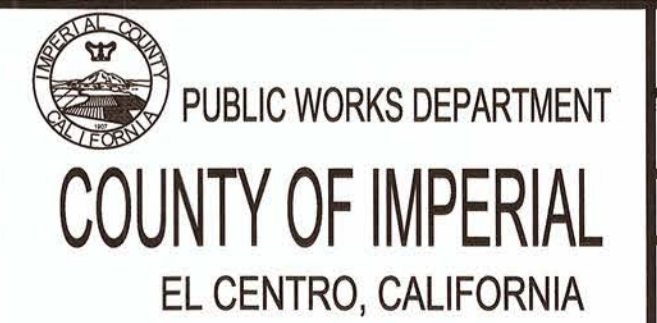
REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Veronica A. Tonido*  
 No. 61484 R.C.E. No.  
 Exp. 6-30-23  
 VERONICA TONIDO, P.E.  
 DEPUTY DIRECTOR OF PUBLIC  
 WORKS - ENGINEERING  
 9/13/21  
 DATE



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:  
*John A. Gay*  
 No. 62028 R.C.E. No.  
 Exp. 9-30-21  
 JOHN A. GAY, P.E.  
 DIRECTOR OF PUBLIC WORKS  
 9/13/21  
 DATE

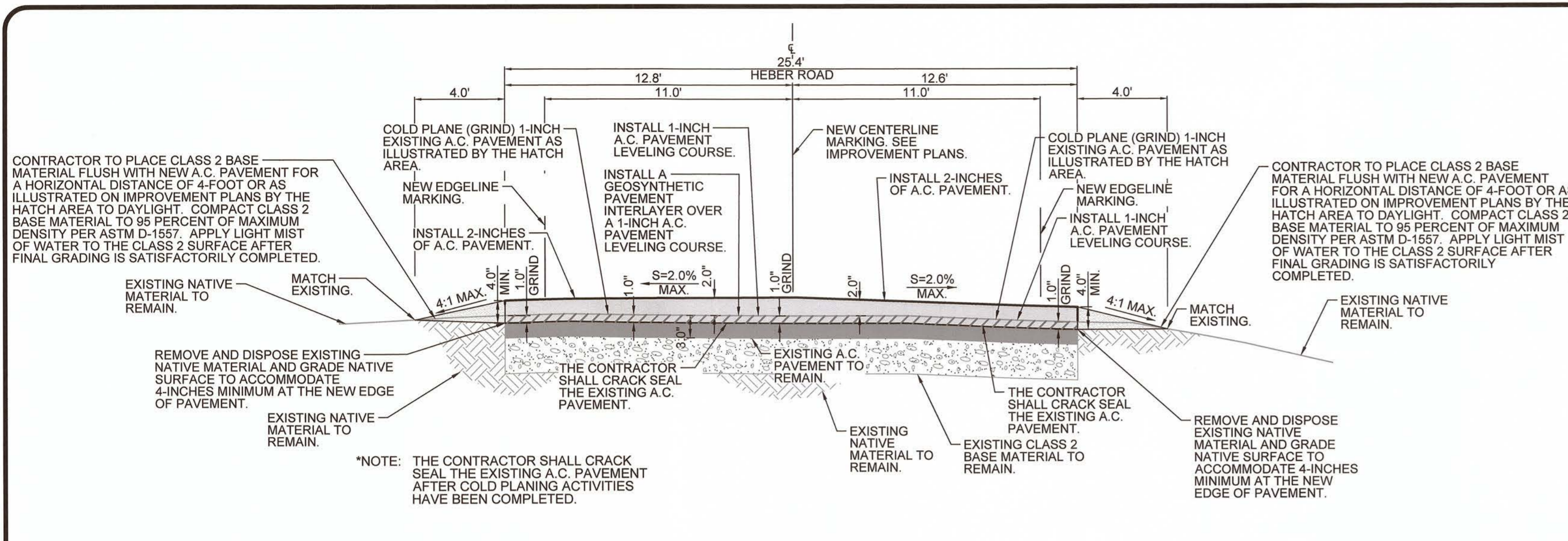


DATE: 08/20/21  
 DRAWN: AG  
 SCALE: 1" = 30'  
 CHECKED: V.A./A.G.

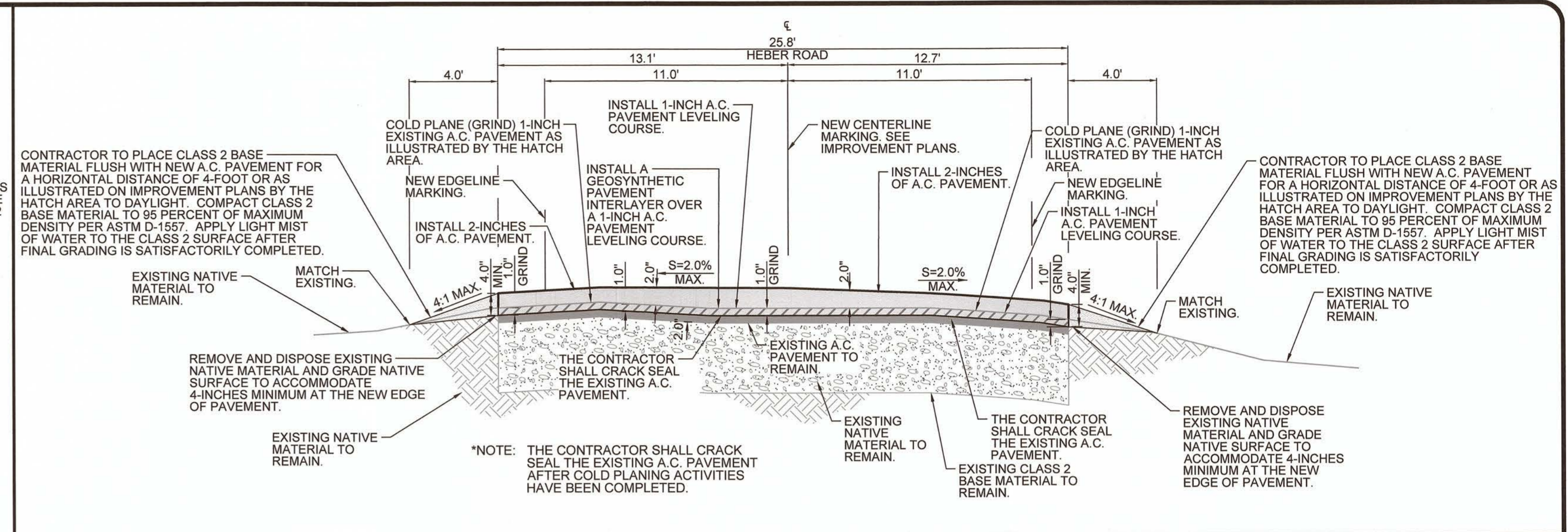
PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY; FEDERAL PROJECT NO. HIPL 5958(122) COUNTY PROJECT NO. 6826

EXISTING SITE PLAN AND IMPROVEMENT PLAN FROM STA 78+25 TO STA 84+20	
REFERENCE <b>6826</b>	R-995 SHEET 8 OF 14

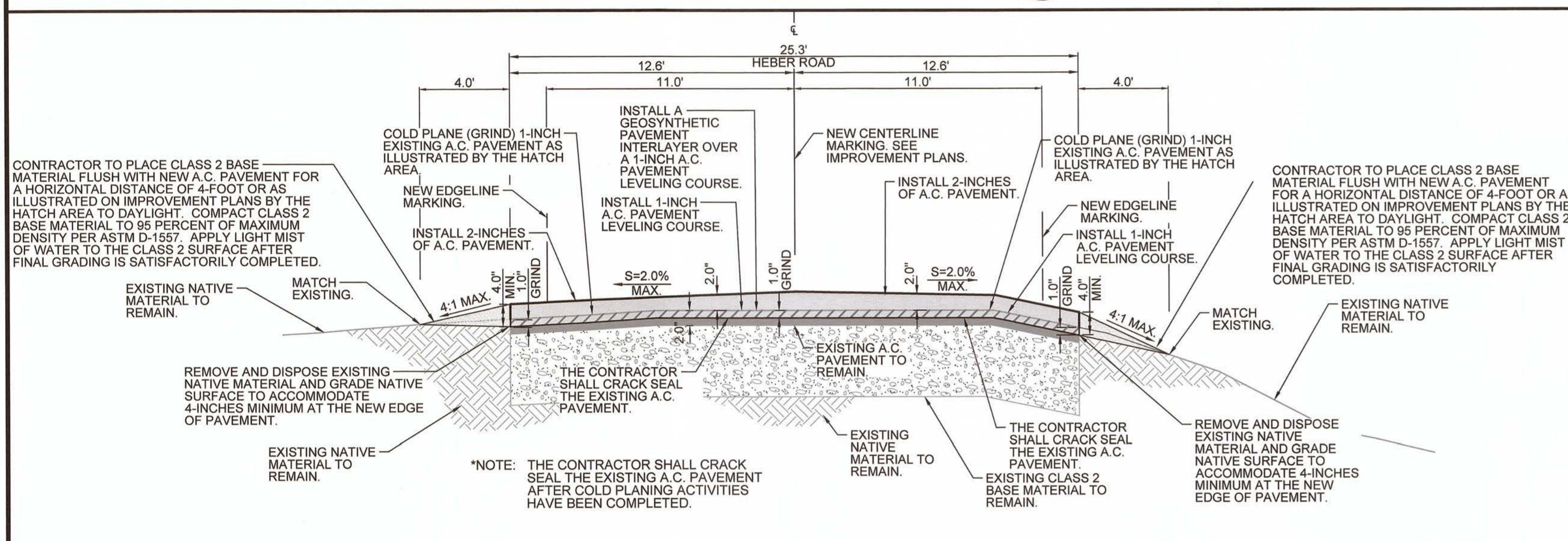




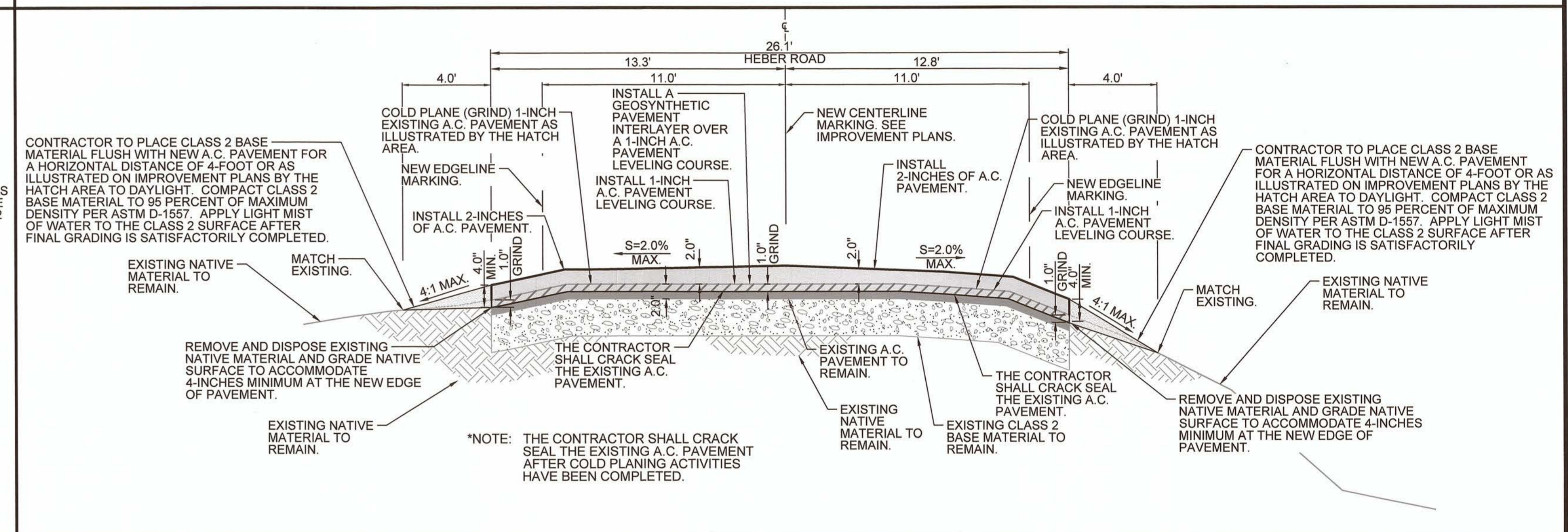
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NTS (A-A) 3/9



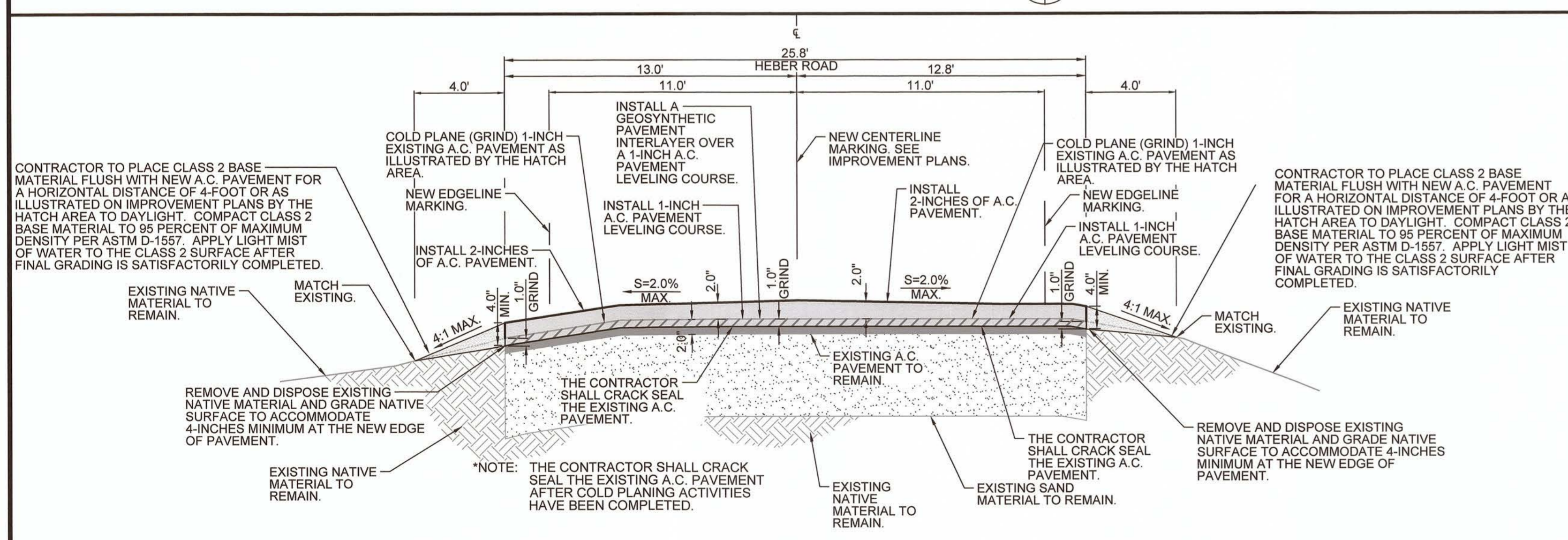
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NTS (B-B) 3/9



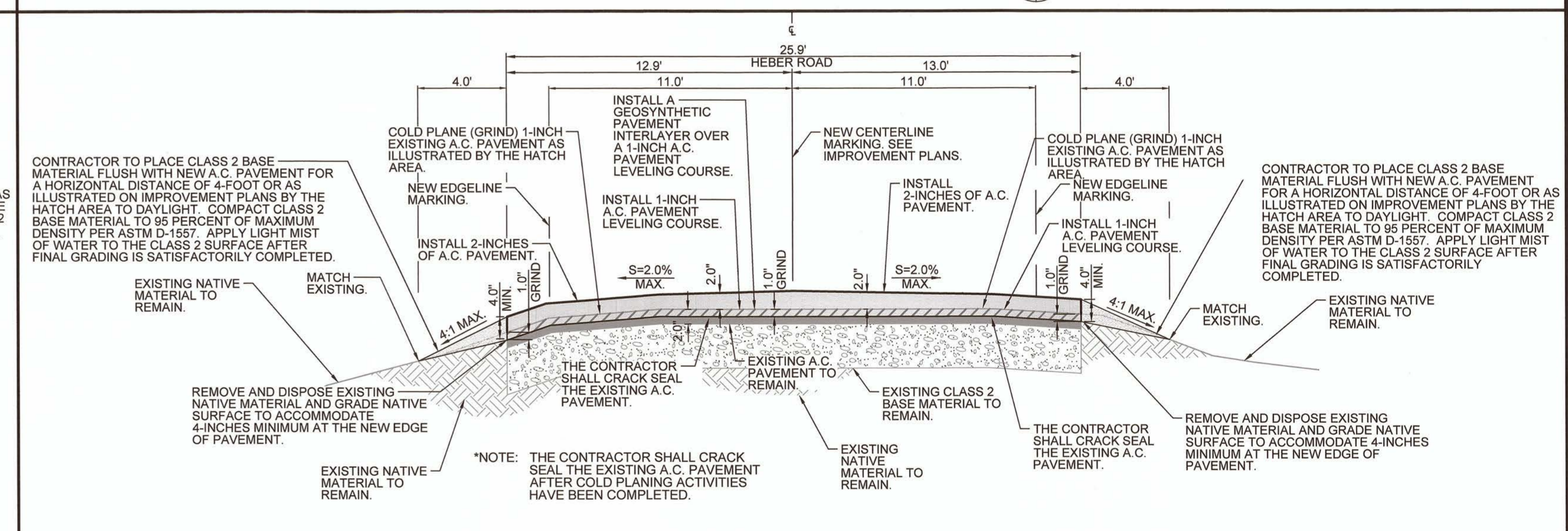
HEBER ROAD CROSS SECTION AT STATION 23+00  
NTS (C-C) 4/9



HEBER ROAD CROSS SECTION AT STATION 29+00  
NTS (D-D) 4/9



HEBER ROAD CROSS SECTION AT STATION 37+00  
NTS (E-E) 5/9



HEBER ROAD CROSS SECTION AT STATION 45+00  
NTS (F-F) 5/9

REVISION	DATE	COMMENTS

PREPARED UNDER THE DIRECT SUPERVISION OF:

*Veronica Atondo*  
VERONICA ATONDO, P.E.  
DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING  
9/13/21  
DATE

61484  
R.C.E. No.  
06/30/23  
REG. EXP.

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:

*John Gay*  
JOHN A. GAY, P.E.  
DIRECTOR OF PUBLIC WORKS  
9/13/21  
DATE

62028  
R.C.E. No.  
09/30/21  
REG. EXP.

PUBLIC WORKS DEPARTMENT  
COUNTY OF IMPERIAL  
EL CENTRO, CALIFORNIA

DATE: 08/20/21  
DRAWN: AG  
SCALE: NTS  
CHECKED: V.A./A.G.

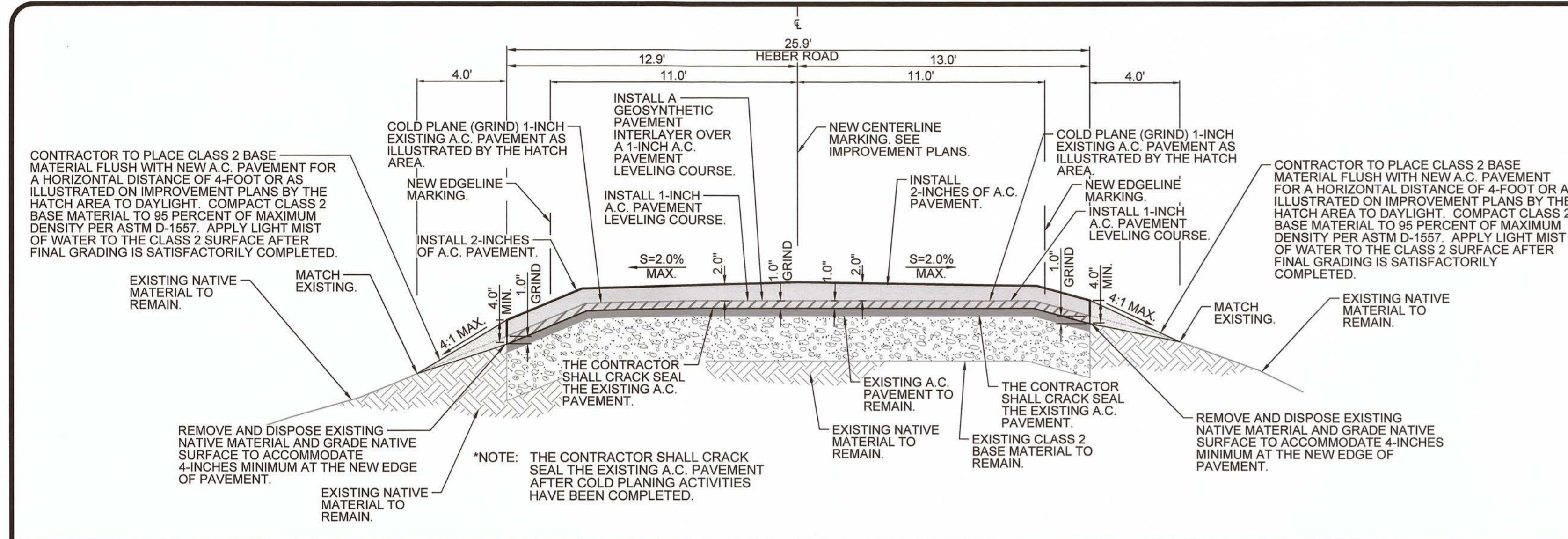
PROJECT TITLE  
HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY; FEDERAL PROJECT NO. HIPL 6958(122) COUNTY PROJECT NO. 6826

CROSS SECTIONS DETAILS

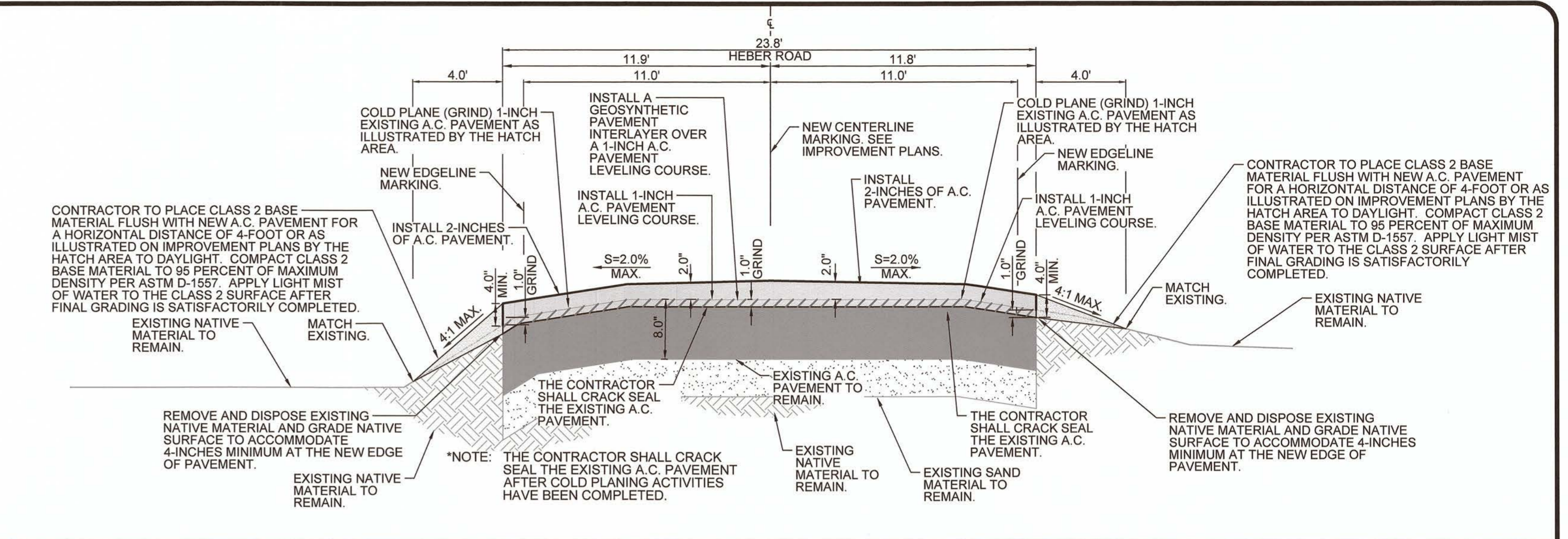
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R-995

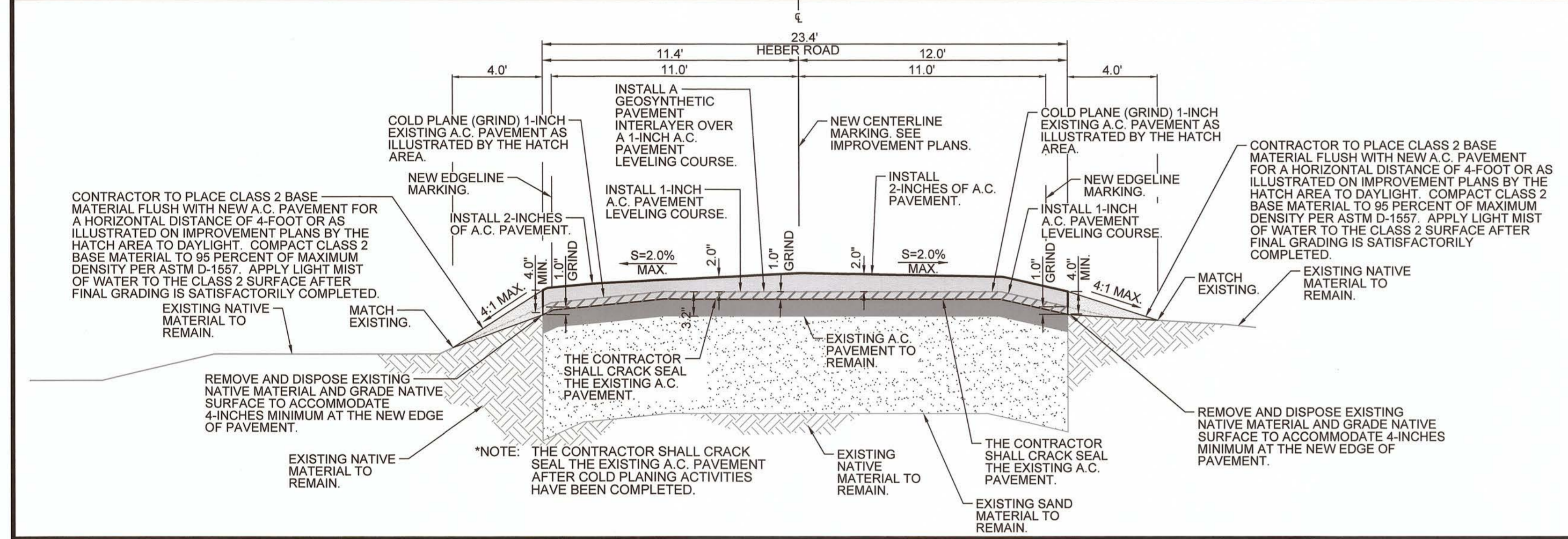
SHEET 9 OF 14



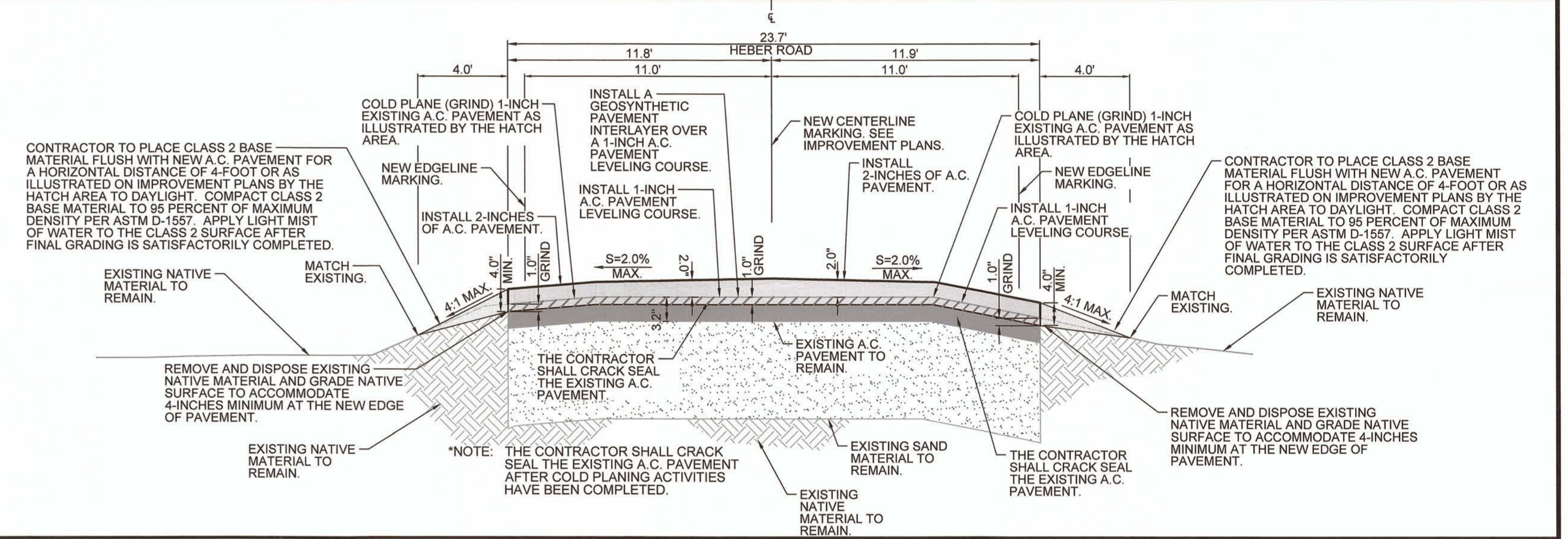
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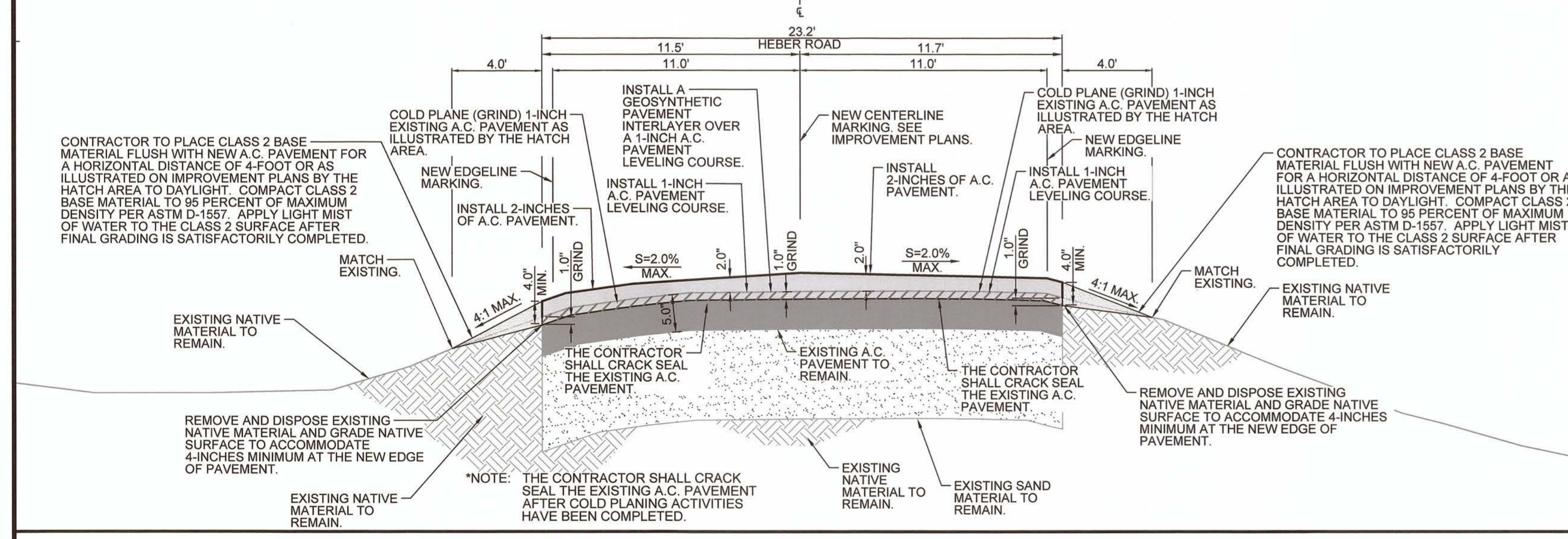
HEBER ROAD CROSS SECTION AT STATION 60+00 (H-H) 6/10



HEBER ROAD CROSS SECTION AT STATION 67+00 (I-I) 7/10



HEBER ROAD CROSS SECTION AT STATION 74+00 (J-J) 7/10



HEBER ROAD CROSS SECTION AT STATION 83+00 (K-K) 8/10

REVISION	DATE	COMMENTS

PREPARED UNDER THE DIRECT SUPERVISION OF:

*Abando V.*  
 No. 61484  
 Exp. 9-30-23  
 VERONICA ATONDO, P.E.  
 DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING  
 9/13/21  
 DATE

61484  
 R.C.E. No.  
 06/30/23  
 REG. EXP.

COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
 APPROVED FOR CONSTRUCTION BY:

*John Gay*  
 No. 62028  
 Exp. 9-30-21  
 JOHN A. GAY, P.E.  
 DIRECTOR OF PUBLIC WORKS  
 9/13/21  
 DATE

62028  
 R.C.E. No.  
 09/30/21  
 REG. EXP.

PUBLIC WORKS DEPARTMENT  
**COUNTY OF IMPERIAL**  
 EL CENTRO, CALIFORNIA

DATE: 08/20/21  
 DRAWN: AG  
 SCALE: NTS  
 CHECKED: V.A./A.G.

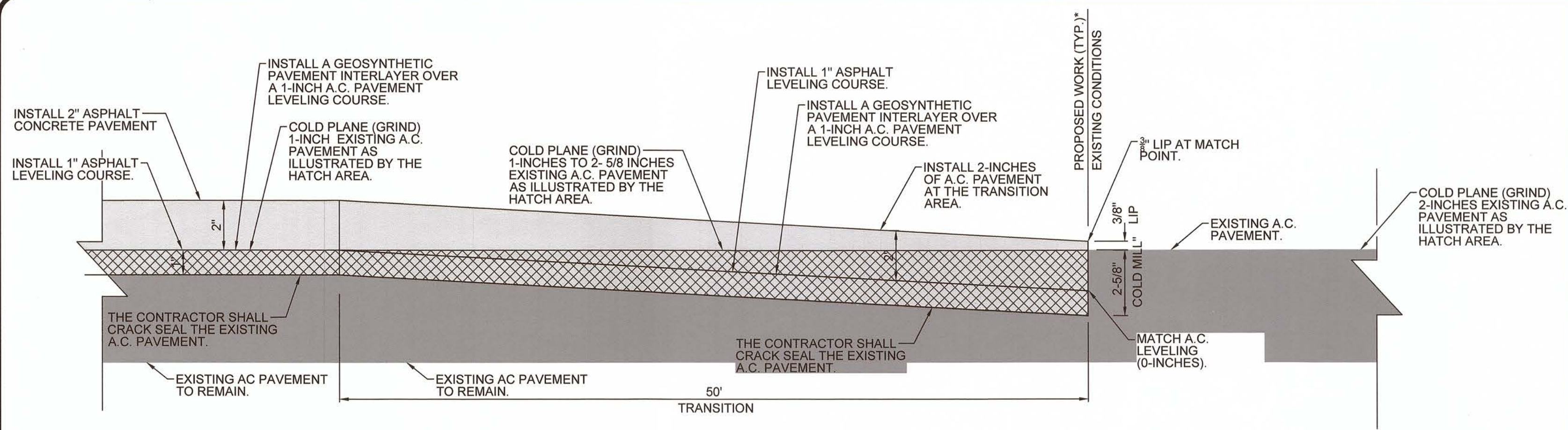
PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD IN IMPERIAL COUNTY;  
 FEDERAL PROJECT NO. HIPL 6958(122)  
 COUNTY PROJECT NO. 6826

**CROSS SECTIONS DETAILS**

REFERENCE: **6826**

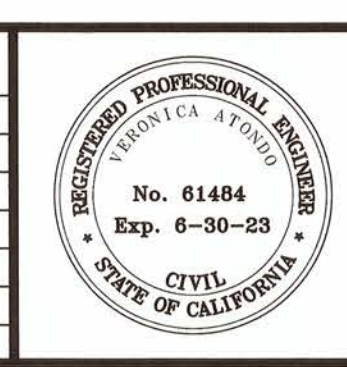
**R-995**

SHEET 10 OF 14

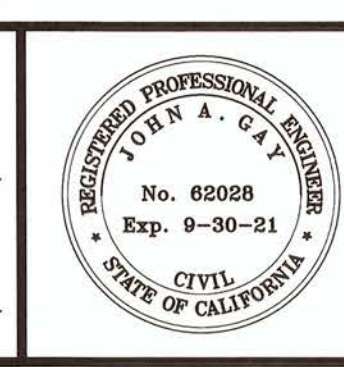


NEW PAVEMENT OVERLAY TO EXISTING PAVEMENT TRANSITION AREA DETAIL  
 NTS A  
 3,6,811

REVISION	DATE	COMMENTS



PREPARED UNDER THE DIRECT SUPERVISION OF:  
*Veronica Atondo*  
 No. 61484 R.C.E. No. 61484  
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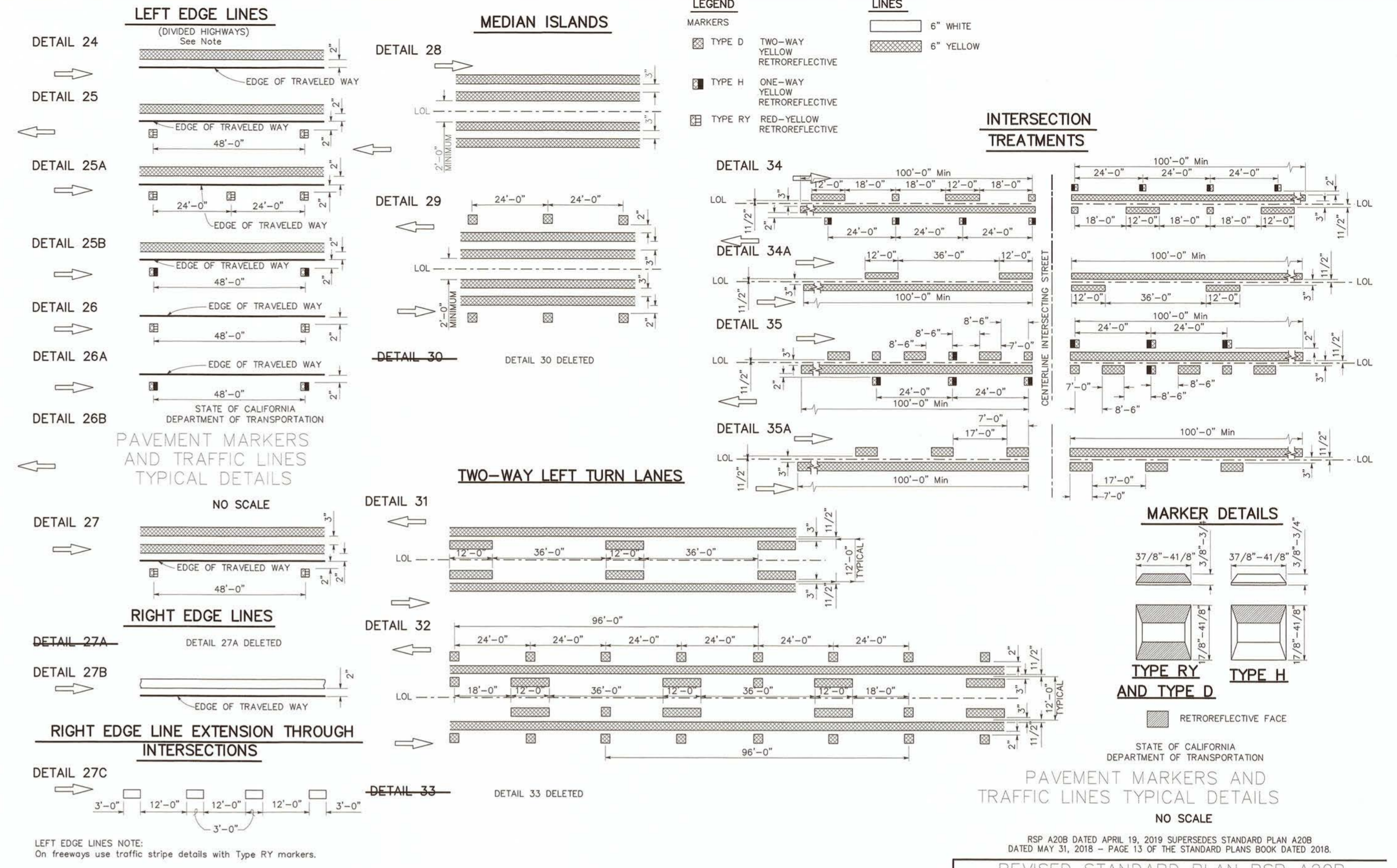
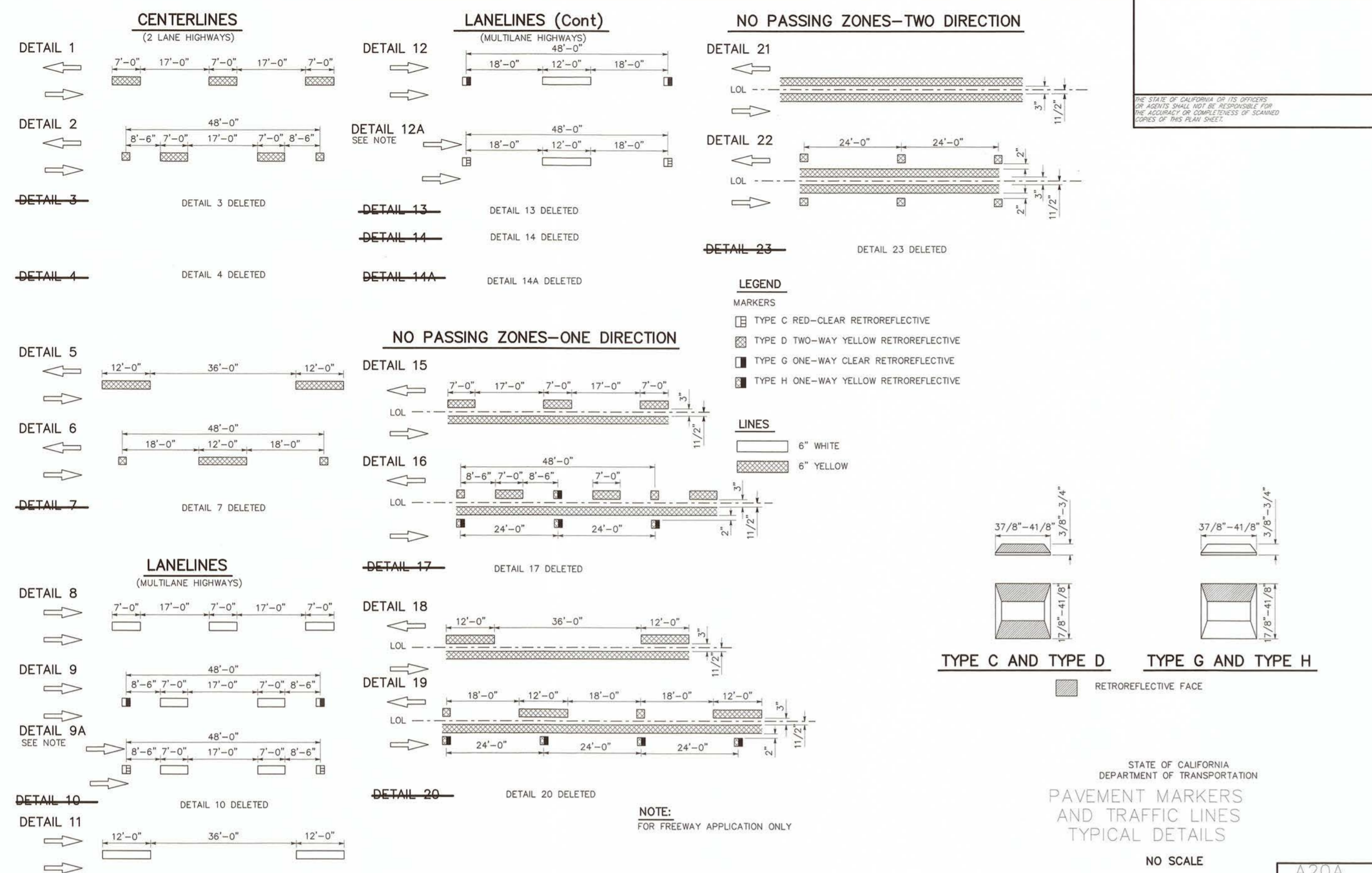
COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
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 DATE

PUBLIC WORKS DEPARTMENT  
**COUNTY OF IMPERIAL**  
 EL CENTRO, CALIFORNIA

DATE: 08/20/21  
 DRAWN: AG  
 SCALE: NTS  
 CHECKED: V.A.J.A.G.

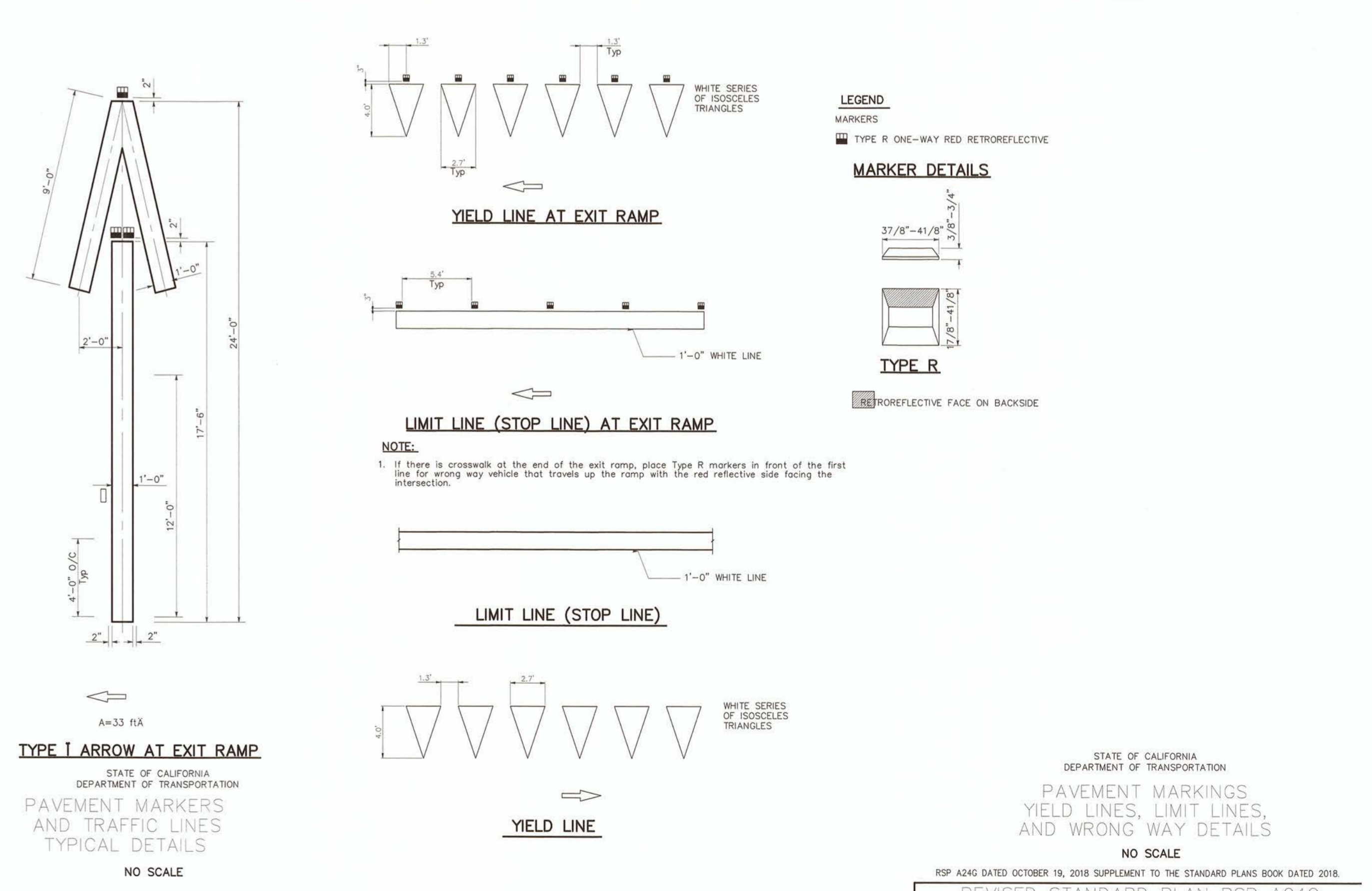
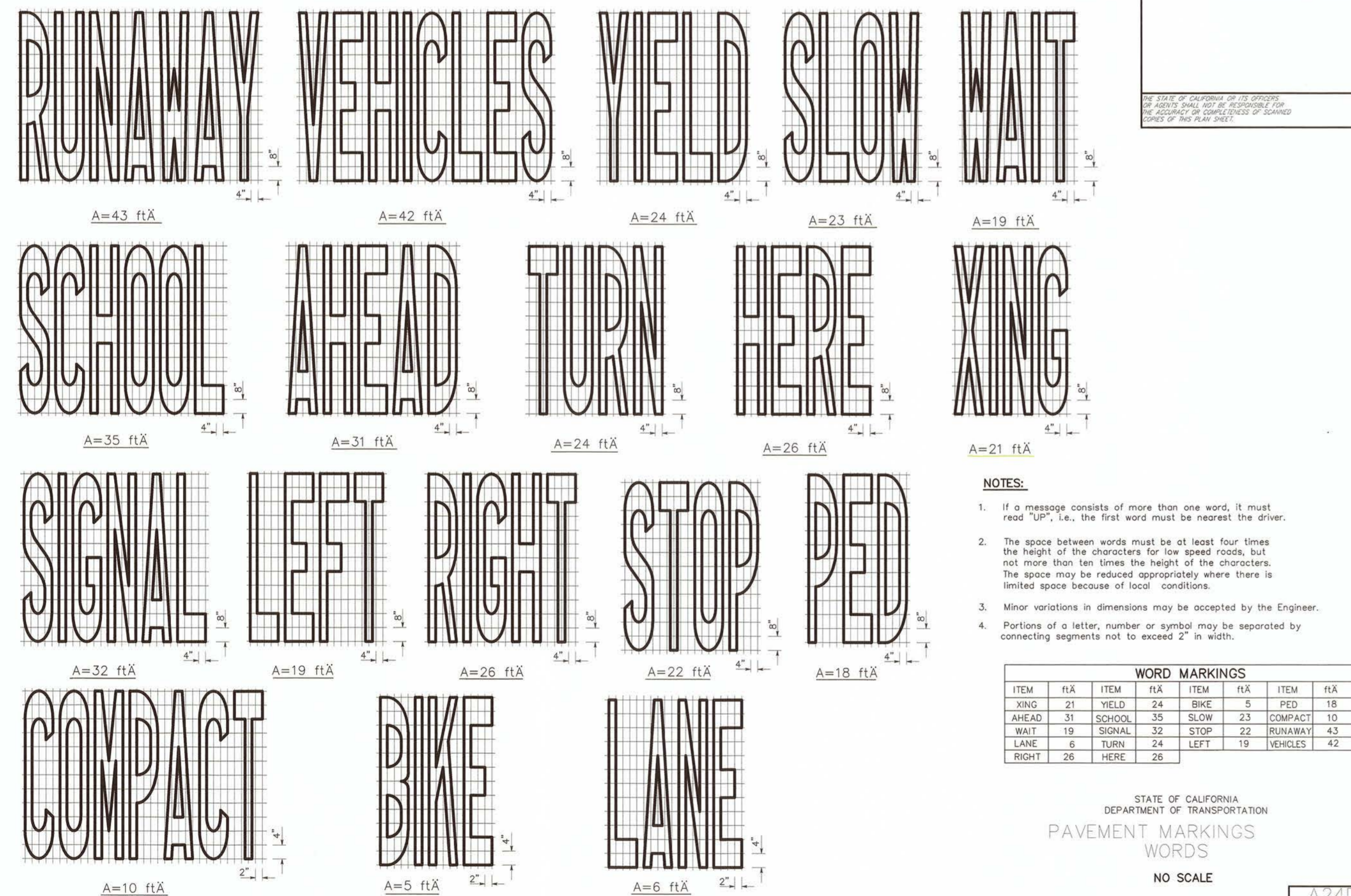
PROJECT TITLE  
 HEBER ROAD REHABILITATION FROM BARBARA  
 WORTH RD TO 0.50 MI EAST OF ANDERHOLT RD  
 IN IMPERIAL COUNTY;  
 FEDERAL PROJECT NO. HIPL 6958(122)  
 COUNTY PROJECT NO. 6826

DETAIL SHEET  
 REFERENCE: 6826  
 SHEET 11 OF 14  
 R-995



CALTRANS STANDARD DETAIL A20A (B) 3-8/12  
NTS

CALTRANS STANDARD DETAIL A20B (C) 3,6/12  
NTS



CALTRANS STANDARD DETAIL A24D (D) 6/12  
NTS

CALTRANS STANDARD DETAIL A24E (E) 6/12  
NTS

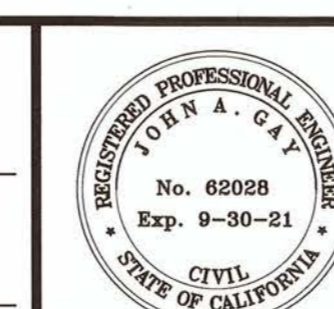
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PREPARED UNDER THE DIRECT SUPERVISION OF:

*Atondo V.*  
VERONICA ATONDO, P.E.  
DEPUTY DIRECTOR OF PUBLIC WORKS - ENGINEERING  
9/13/21  
DATE

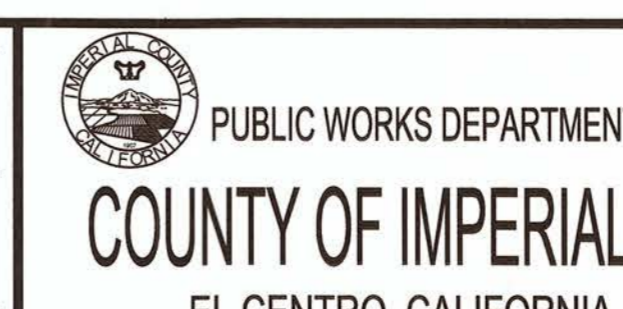
61484  
R.C.E. No.  
06/30/23  
REG. EXP.



COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT  
APPROVED FOR CONSTRUCTION BY:

*John A. Gay*  
JOHN A. GAY, P.E.  
DIRECTOR OF PUBLIC WORKS  
9/13/21  
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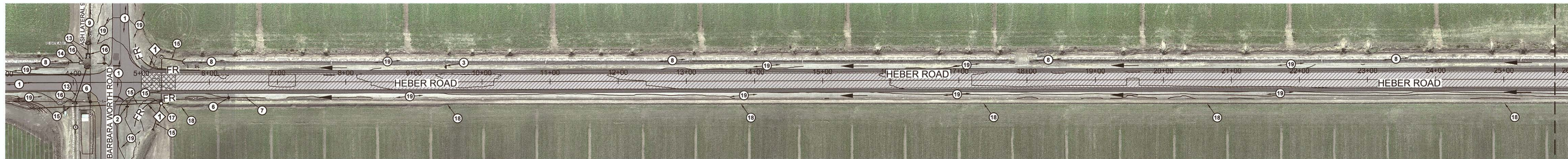
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DETAIL SHEET  
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SHEET 12 OF 14

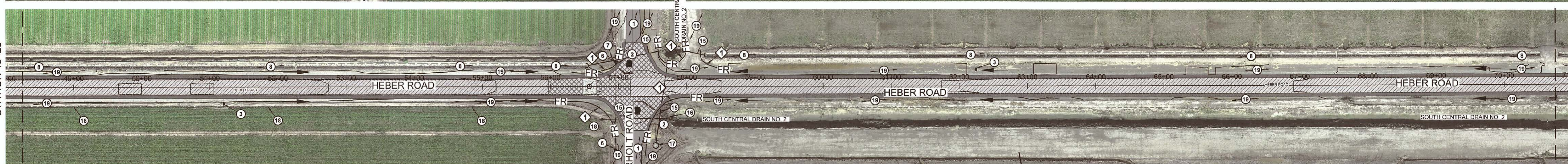


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STATION 25+75



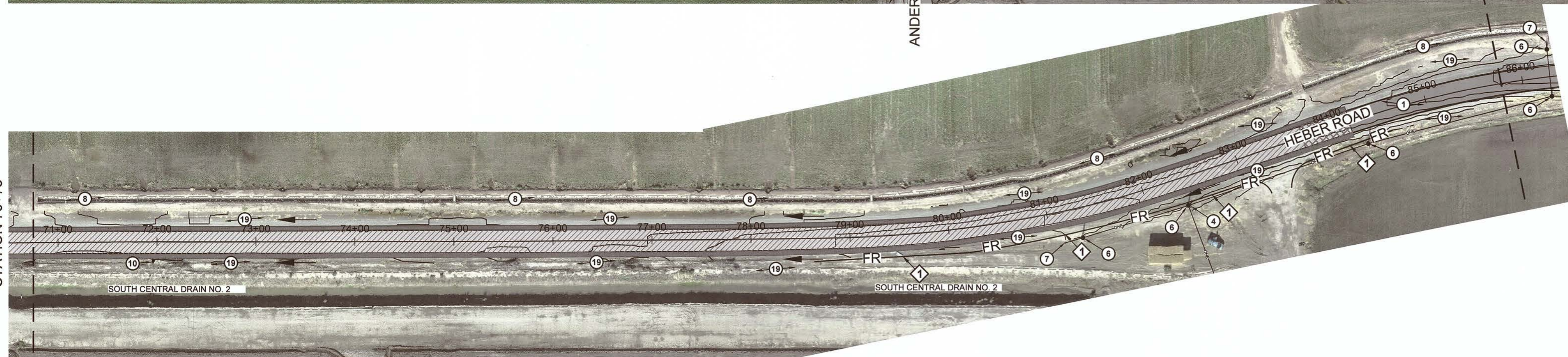
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STATION 48+25



MATCHLINE ABOVE RIGHT  
STATION 48+25

MATCHLINE BELOW LEFT  
STATION 70+75



MATCHLINE ABOVE RIGHT  
STATION 70+75

### HEBER ROAD - PLAN VIEW

- EXISTING KEYNOTES**
- 1 EXISTING AC PAVEMENT TO REMAIN.
  - 2 EXISTING STOP SIGN TO REMAIN.
  - 3 EXISTING 4 WAY INTERSECTION WARNING SIGN TO REMAIN.
  - 4 EXISTING MAILBOX TO REMAIN.
  - 5 EXISTING P.C.C. CONCRETE TO REMAIN.
  - 6 EXISTING POWER/TELEPHONE POLE TO REMAIN.
  - 7 EXISTING GUY WIRE TO REMAIN.
  - 8 EXISTING PRIVATE CONCRETE IRRIGATION DITCH TO REMAIN.
  - 9 EXISTING IID CANAL TO REMAIN.
  - 10 EXISTING CURVE AHEAD WARNING SIGN TO REMAIN.
  - 11 EXISTING IRRIGATION GATE CONTROLLER FIXTURE TO REMAIN.
  - 12 EXISTING 12-INCH IRRIGATION SPRINKLER PUMP SETUP TO REMAIN.
  - 13 EXISTING UNDERGROUND IMPERIAL IRRIGATION PIPE TO REMAIN.
  - 14 EXISTING UNDERGROUND PRIVATE IRRIGATION SERVICE PIPE TO REMAIN.
  - 15 EXISTING TAILWATER DRAIN PIPE TO REMAIN.
  - 16 EXISTING IID HEADWALL TO REMAIN.
  - 17 EXISTING IRRIGATION TAILWATER MANHOLE TO REMAIN.
  - 18 EXISTING PRIVATE IRRIGATION SWALE TO REMAIN.
  - 19 EXISTING NATIVE MATERIAL TO REMAIN.
  - 20 EXISTING STRIPING TO REMAIN.

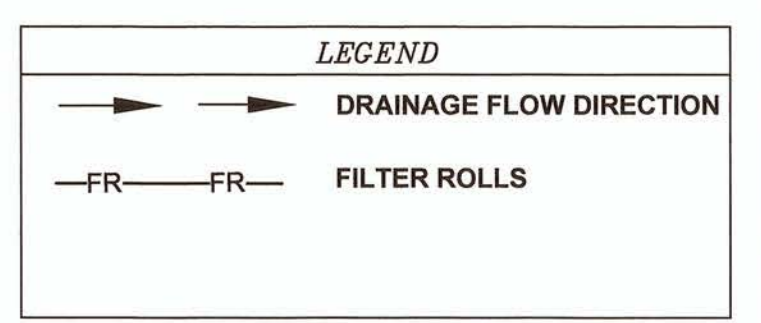


- STORM WATER POLLUTION PREVENTION NOTES:**
- THE CONTRACTOR SHALL USE A QUALIFIED PERSON WHO HAS BEEN PROPERLY TRAINED TO CONDUCT INSPECTIONS AND PREPARE REPORTS OF THE CONSTRUCTION SITE WITH RESPECT TO THE COUNTY'S MUNICIPAL CODE/ORDINANCES AND THE EROSION CONTROL PLAN. THE QUALIFIED PERSON SHALL HAVE KNOWLEDGE AND TRAINING OF THE INTENT AND ENFORCEMENT OF EROSION CONTROL PLANS AND BMPs.
  - THE QUALIFIED PERSON SHALL CONDUCT REGULAR INSPECTIONS OF PROJECT SITE IN ACCORDANCE WITH THE RECOMMENDATIONS OUTLINED IN THE EROSION CONTROL PLAN. EACH INSPECTION SHALL BE DOCUMENTED IN THE FORM OF WRITTEN REPORTS SERRATED ON-SITE. ALL REPORTS SHALL BE PROVIDED TO THE COUNTY INSPECTOR AND ALSO BE MADE AVAILABLE TO THE RWQCB REPRESENTATIVES UPON REQUEST.
  - THE CONTRACTOR SHALL HAVE EMERGENCY MATERIAL AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER AND SEWER UTILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.

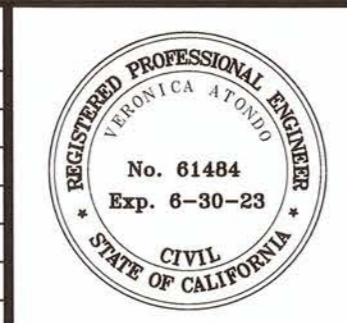
- SILTATION AND SEDIMENT CONTROL MEASURES NOTES:**
- PROVIDE FILTER ROLLS OR TRAP BY EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING DRAIN SYSTEM.
  - FILTER ROLLS AND FILL MATERIAL SHALL BE STOCKPILED AT INTERVALS, READY FOR USE WHEN REQUIRED.
  - ALL EROSION CONTROL DEVICES WITHIN THE PROJECT SCOPE SHOULD BE MAINTAINED DURING AND AFTER EVERY RUNOFF-PRODUCING STORM. CONTRACTOR SHALL MAKE SAFE ACCESS TO ALL AREAS AVAILABLE FOR MAINTENANCE CREWS.
  - ANY PROPOSED ALTERNATE CONTROL MEASURES MUST BE APPROVED IN ADVANCE BY THE COUNTY ENGINEER.

- EROSION CONTROL KEYNOTES**
- ◆ INSTALL FIBER ROLLS PER BMP DETAIL SC-5. SEE DETAIL C AND D ON SHEET 14.

- EROSION CONTROL NOTES:**
- NO SITE CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEE INSTALLED.
  - CONTRACTOR SHALL PROVIDE A PORTABLE RESTROOM FACILITIES TO A LOCATION APPROVED BY THE RESIDENT ENGINEER.
  - TEMPORARY EROSION CONTROL PRIOR TO COMPLETION OF FINAL IMPROVEMENTS SHALL BE PERFORMED BY THE CONTRACTOR AS INDICATED BELOW.
  - THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP OF SILT AND MUD ON ADJACENT STREETS DUE TO CONSTRUCTION ACTIVITY TO PREVENT SILT AND MUD FROM LEAVING THE CONSTRUCTION AREA.
  - THE CONTRACTOR SHALL CHECK AND PROTECT LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
  - EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON-SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN THE RAIN IS IMMINENT.
  - DEVICES SHOWN ON THESE PLANS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE RESIDENT ENGINEER.
  - THE CONTRACTOR SHALL RESTORE ALL EROSION CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE COUNTY ENGINEER AFTER EACH RAINFALL PRODUCING RUN-OFF.
  - THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE COUNTY ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES WHICH MAY ARISE.
  - THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUND WATER CREATES A HAZARDOUS CONDITION.
  - ALL EROSION CONTROL MEASURES PROVIDED PER THE APPROVED GRADING AND STREET PLAN SHALL BE INCORPORATED HERON.
  - GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
  - ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.

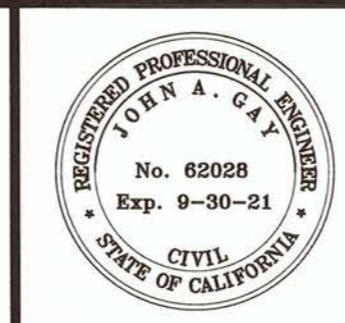


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*Veronica Atondo*  
 No. 61484 R.C.E. No.  
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**EROSION CONTROL PLANS**

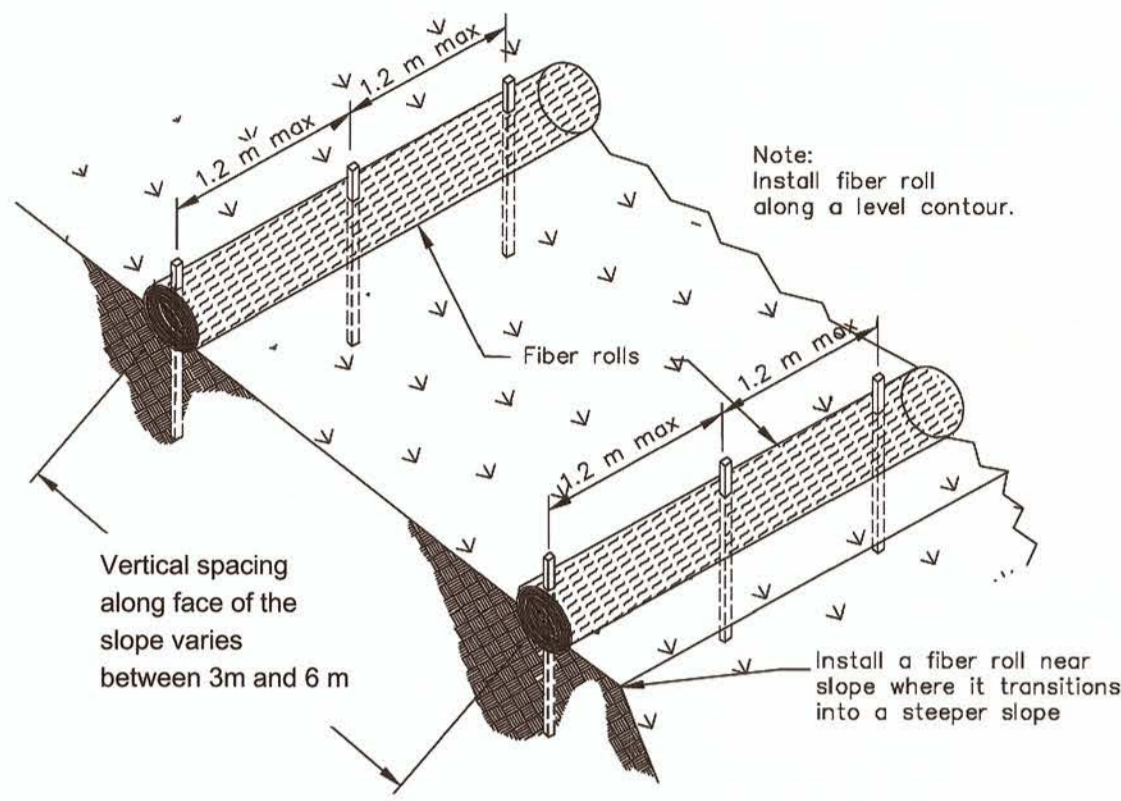
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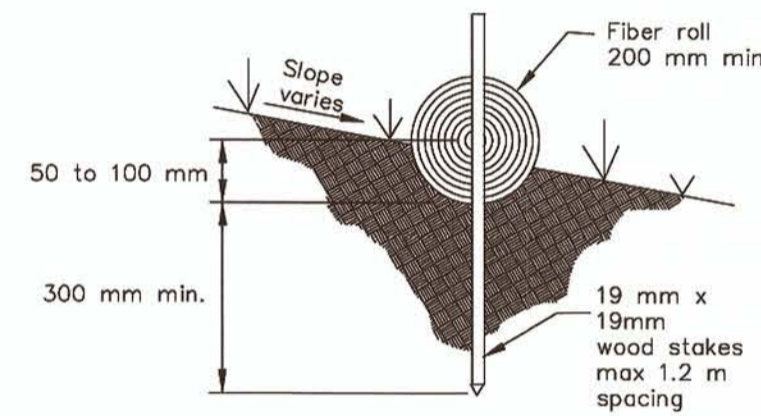
SHEET 13 OF 14

Fiber Rolls

SC-5



TYPICAL FIBER ROLL INSTALLATION  
N.T.S.



ENTRENCHMENT DETAIL  
N.T.S.

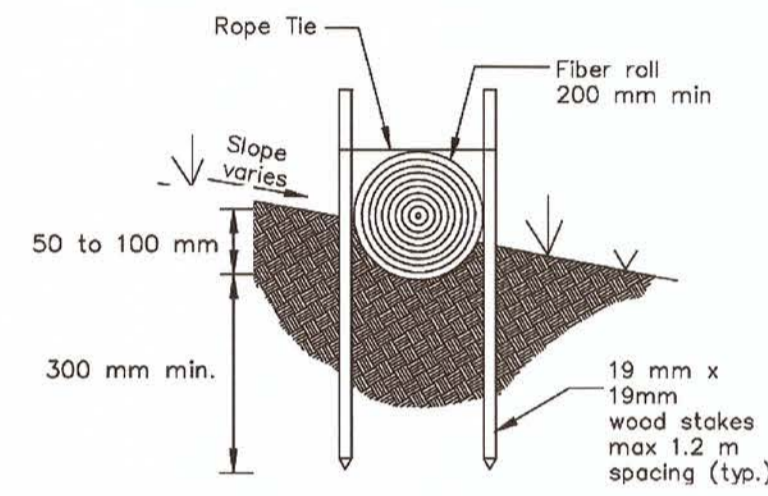
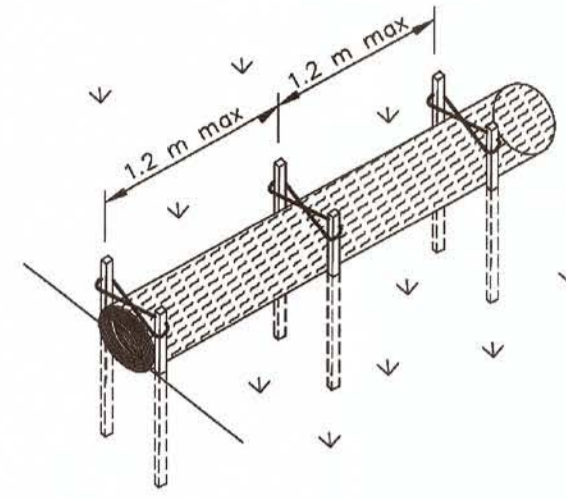
FIBER ROLL DETAIL

NTS

C  
13/14

Fiber Rolls

SC-5



OPTIONAL ENTRENCHMENT DETAIL  
N.T.S.

FIBER ROLL DETAIL

BMP SC-5  
NTS

D  
13/14

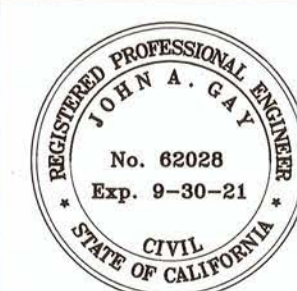
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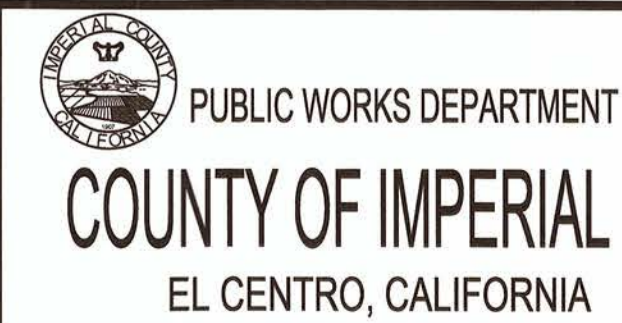
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EROSION CONTROL DETAILS

REFERENCE 6826

R-995

SHEET 14 OF 14