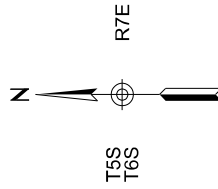


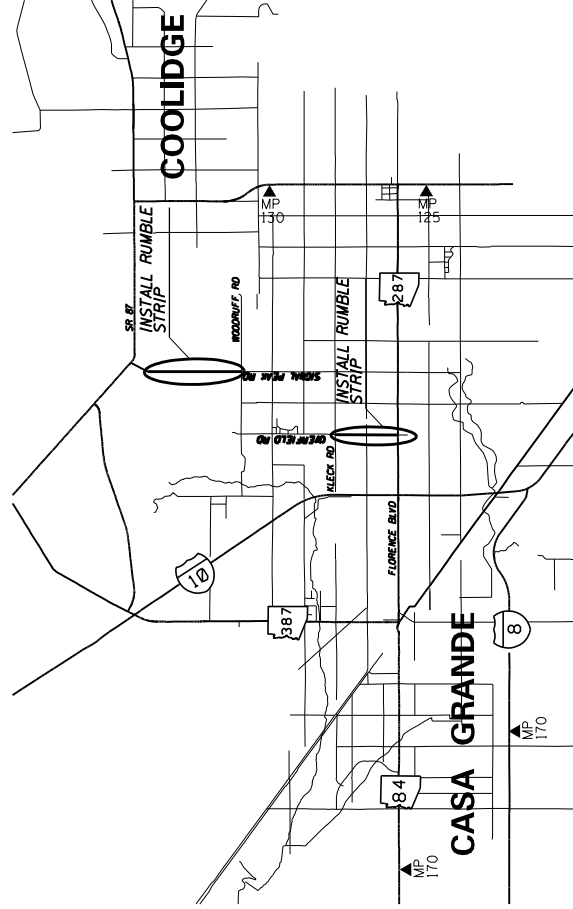


STATE OF ARIZONA
 DEPARTMENT OF TRANSPORTATION
 INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION

PROJECT PLANS
 RURAL AREA
 PINAL COUNTY



PINAL COUNTY



Constructed by: _____

Construction Company: _____

Completion Date: _____

Red-Lines by: _____

Construction Administrator Name & Company: _____

Completion Date: _____

Record Drawings by: _____

Record Drawing Designer Name & Company: _____

Completion Date: _____

OVERFIELD RD, CASA GRANDE & SIGNAL PEAK RD, COOLIDGE

PROJECT NO.: 0000 PN PPN T0310 01C
 FEDERAL AID NO.: PPN-0(226)T

ARIZONA DEPARTMENT OF TRANSPORTATION
 INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
 GREGORY BYRNES, P.E., STATE ENGINEER

REC. DIVIS. _____ OF _____
 DATE _____

MIDPOINT OF PROJECT

West Zone
State Plane Coordinates
Overfield Road
N = 719049.6553
E = 791533.6758

LENGTH OF PROJECT

Signal Peak Road
Sta 10+47.85 to 168+15.21 = 15,767.36'
Overfield Road
Sta 10+57.04 to 115+68.07 = 10,511.03'
Gross & Net Length = 26,278.39' = 4.98 Miles

GENERAL NOTES

New right-of-way and easement are not required.
All work shall be done inside the existing right-of-way.
The project roadway shall be striped by the contractor in accordance with the current edition of the Signing and Marking Standard Drawings (M and S-Series) and the pavement marking plans.
Continuous Longitudinal Edge and Centerline Rumble Strips shall be installed in accordance with ADOT Standard Detail M-22 and these plans or as directed by the ADOT Engineer.

The ground-in rumble strips shall be omitted across heavy use intersection, bridges, and in front of barriers/guardrails where shoulders are less than 4' wide from stripe to face of barrier/guardrail.
The contractor shall not disturb the Traffic Counter Systems. If damage occurs during construction, it will be the responsibility of the contractor to replace at no additional costs to the Department.

An Average User Delay Cost of 2,291 dollars/day has been estimated for this project.

The contractor shall assess the pavement conditions and determine any locations of the roadway that are not adequate for installation of ground-in rumble strips. If the pavement shows brittle cracking during installation of the ground-in rumble strips, the contractor shall stop the process immediately and reassess installation in that area with the Engineer.

Where only the horizontal location of an existing utility is shown, the location is approximate. Where both the horizontal and vertical location of an existing utility is shown, the location has been verified by field survey methods. The contractor shall comply with all current Blue State laws and Section 107.15 of the Specifications.

The average project elevation is 1404.71 feet.

INDEX OF SHEETS

| Sheet No. | Dwg No. | Sheet Type |
|-----------|---------|--|
| 1 | FS | Face Sheet |
| 1A | 1A | ADOT Standard Drawing Sheet |
| 1B-1 | 2B | ADOT Standard Drawing Sheet |
| 1B-2 | 2B | ADOT Standard Drawing Sheet |
| 2 | DS01 | Design Sheet |
| 3 | DS02 | Design Sheet |
| 4 | DS03 | Design Sheet |
| 5 | TCN01 | Traffic Control General Notes & Quantities |
| 6 | MOT01 | Traffic Control Maintenance & Quantities |
| 7 | MOT02 | Traffic Control Plan |
| 8 | TC-S01 | Traffic Control Plan |
| 9 | PMN01 | Pavement Marking Plan |

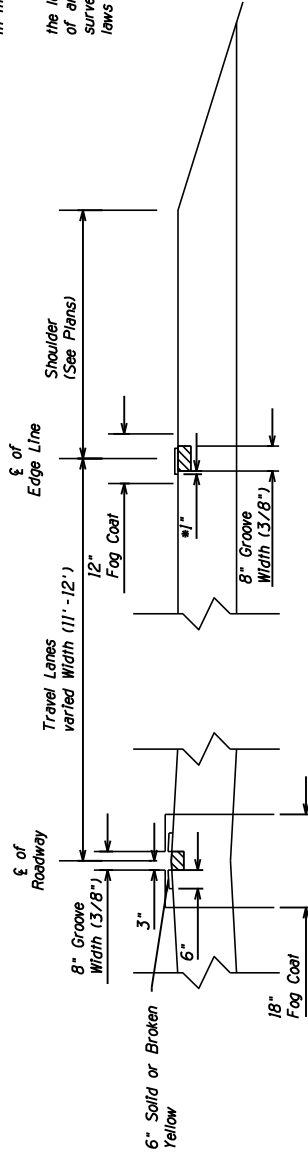
DESIGN DATA

Design Speed = 45 MPH & 50 MPH

SURVEY CONTROL

Overfield Road Benchmark:
Is a Brass Cap in Pothole at the intersection of Overfield Road and Lakeland Drive at the West quarter corner of Section 17, Township 06S, and Range 07E, Pinal County Control Network #607155, Elevation = 1421.31 (NAVD88).

Signal Peak Road Benchmark:
Is a Brass Cap in Handhole at the intersection of Signal Peak Road and Woodruff Road at the SW corner of Section 26, Township 05S, and Range 07E, Pinal County Control Network #507205, Elevation = 1397.60 (NAVD88).



CENTERLINE TYPICAL SECTION

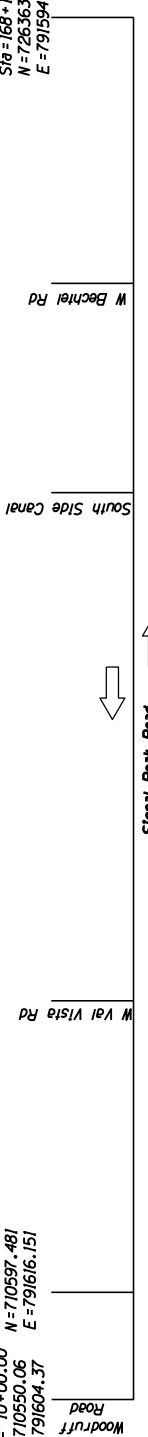
EDGE LINE TYPICAL SECTION

| | | | | | | | | |
|----------------------------|--|--|--|----------------------------|---------------------------|----------------|-------------------|----------------|
| | | ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES | | PROJECT NO. PPN-4(226)T | FEDERAL ID NO. 2 | SHEET NO. 9 | TOTAL SHEETS 9 | RECORD DRAWING |
| DRAWN CHECKED | | DATE 01/22 01/22 | | STATE ARIZ. | F.H.W.A. Arizona Division | | | DIST. |
| PROJECT NO. PPN-4(226)T | | LOCATION OVERFIELD RD, CASA GRANDE & SIGNAL PEAK RD, COOLIDGE | | TRACS NO. T0310 01C | | | | OF |



Begin Project PPN-012261T
 STA = 10+00.00
 N = 710550.06
 E = 791604.37

End Project PPN-012261T
 Sta = 168+15.21
 N = 726363.807
 E = 791594.462



N.T.S.

CENTERLINE RUMBLE STRIPS LIMITS

| Begin Station | End Station | Gross Length (Miles) | Shoulder Width (FT) | Rumble Strip Size (In.) |
|-------------------------------------|-------------|----------------------|---------------------|-------------------------|
| 10+47.85 | 168+15.21 | 2.99 | 4 | 8 |
| Total Gross Length 2.99 (15,767 LF) | | | | |

NORTHBOUND SHOULDER RUMBLE STRIPS LIMITS

| Begin Station | End Station | Gross Length (Miles) | Shoulder Width (FT) | Rumble Strip Size (In.) |
|-------------------------------------|-------------|----------------------|---------------------|-------------------------|
| 10+47.85 | 168+15.21 | 2.99 | 4 | 8 |
| Total Gross Length 2.99 (15,767 LF) | | | | |

SOUTHBOUND SHOULDER RUMBLE STRIPS LIMITS

| Begin Station | End Station | Gross Length (Miles) | Shoulder Width (FT) | Rumble Strip Size (In.) |
|-------------------------------------|-------------|----------------------|---------------------|-------------------------|
| 10+47.85 | 168+15.21 | 2.99 | 4 | 8 |
| Total Gross Length 2.99 (15,767 LF) | | | | |

CENTERLINE EXCEPTION TABLE


| Begin Station | End Station | Exception Length (LF) | Description |
|--------------------------------------|-------------|-----------------------|--------------------------------|
| 45+77.39 | 48+26.58 | 249 | Residential |
| 59+61.76 | 67+76.86 | 815 | Residential |
| 93+47.18 | 94+54.77 | 111 | Intersection: South Side Canal |
| 115+63.84 | 116+47.96 | 84 | Intersection: W Bechtel Rd |
| Total Gross Length 15,767 | | | |
| Total Exception Length 1,259 | | | |
| 25% Reduction For Gaps 3,627 | | | |
| Total Net Length 10,883 (2.06 Miles) | | | |

NORTHBOUND SHOULDER EXCEPTION TABLE

| Begin Station | End Station | Exception Length (LF) | Description |
|--------------------------------------|-------------|-----------------------|--------------------------------|
| 45+77.39 | 48+26.58 | 249 | Residential |
| 59+61.76 | 67+76.60 | 815 | Residential |
| 92+46.69 | 95+08.02 | 261 | Intersection: South Side Canal |
| 114+64.52 | 116+97.99 | 233 | Intersection: W Bechtel Rd |
| Total Gross Length 15,767 | | | |
| Total Exception Length 1,558 | | | |
| 25% Reduction For Gaps 3,552 | | | |
| Total Net Length 10,657 (2.02 Miles) | | | |

SOUTHBOUND SHOULDER EXCEPTION TABLE

| Begin Station | End Station | Exception Length (LF) | Description |
|--------------------------------------|-------------|-----------------------|--------------------------------|
| 45+77.39 | 48+26.58 | 249 | Residential |
| 59+61.76 | 67+76.60 | 815 | Residential |
| 92+97.70 | 95+51.31 | 254 | Intersection: South Side Canal |
| Total Gross Length 15,767 | | | |
| Total Exception Length 1,318 | | | |
| 25% Reduction For Gaps 3,612 | | | |
| Total Net Length 10,837 (2.05 Miles) | | | |

| | | | | |
|---|---|---|--|---|
|  | ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES | DATE: 01/22/2022 DRAWN: A. ARREOLA CHECKED: D. YANO | SHEET NO.: 4 TOTAL SHEETS: 9 FEDERAL ID NO.: PROJECT NO.: PPN-012261T | RECORD DRAWING DWG. DESIG.: |
| | ROADWAY DESIGN SERVICES 1515 W. WASHINGTON AVENUE, SUITE 200 PHOENIX, AZ 85007 | STATE: ARIZ. F.H.W.A. Arizona Division LOCATION: OVERFIELD RD, CASA GRANDE & SIGNAL PEAK RD, COOLIDGE TRACS NO.: T0310 01C | PROJECT NO.: PPN-012261T STATE: ARIZ. | RECORD DRAWING SHEET NO.: 4 TOTAL SHEETS: 9 |
| DESIGN SHEET | | | | |