

PAVEMENT MARKING NOTES:

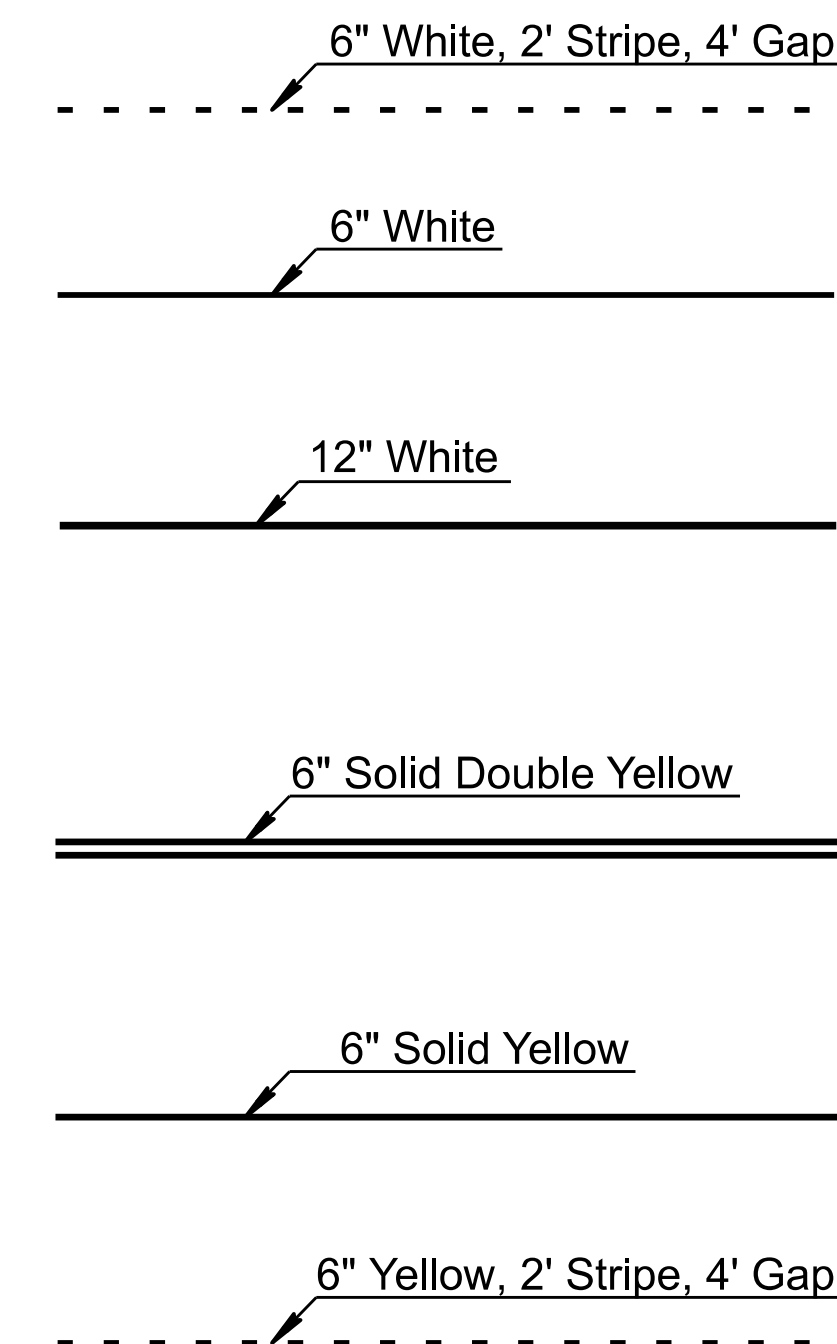
- Final striping shall be a two-part epoxy pavement marking material placed at a minimum of 30 calendar days after the initial striping. The two-part material shall conform to the requirements of the Special Provisions.
- It is the contractor's responsibility to ensure that the final surface course is placed so that the striping is offset one foot clear of any construction joint, unless otherwise directed by the Engineer.
- The contractor shall be responsible for the layout and installation of permanent pavement markings on the final surface course following control points that have been set no more than 50 feet apart along the lines to be striped.
- The contractor shall break the center lines and edge lines adjacent to turnouts across any intersections with dedicated roadways or as otherwise directed by the Engineer. In addition, the contractor shall not place any center lines within 10 feet of the nearest edge of pavement of the intersecting roadway.
- The pavement marking drawings are schematic only and not to scale. The contractor shall follow all dimensions and details when installing pavement markings.
- The contractor shall remove curing compound from any new concrete before striping materials are applied.
- Contractor to provide one green delineator assembly at the end of each new guardrail run installed with the project. Delineators shall be per ADOT Standard Drawing No. M-26 (3 of 5).
- The contractor shall install 12 inch ground-in rumble strips continuously along the inside edge of I-17 mainline in the areas where pavement removal is occurring. See table below. The ground-in rumble strips shall conform to the details shown on ADOT Standard Drawing No. M-22.
- The contractor shall install new yellow 6 inch epoxy pavement markings continuously along the inside edge of I-17 mainline in the areas where pavement removal is occurring. See table below.
- Contractor to provide four new yellow delineator assemblies (two for each direction) between the station limits shown below where existing guardrail is to be removed. Delineators shall be per ADOT Standard Drawing No. M-26 (3 of 5).

APPROXIMATE PAVEMENT MARKING QUANTITIES				
BID ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	PAY QUANTITY 4" EQU
7030026	DELINEATOR ASSEMBLY (FLEXIBLE) (CONCRETE FOUNDATION)	EACH	8	8
7050083	PAVEMENT MARKING, PREFORMED, TYPE II SINGLE ARROW	EACH	5	5
7050036	PAVEMENT MARKING, PREFORMED, TYPE II, LEGEND	EACH	2	2
7080201	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (WHITE)	L.FT.	2,200	2,200
7080202	WATERBORNE-TYPE I PAVEMENT MARKING (PAINTED) (YELLOW)	L.FT.	3,382	3,382
7080301	PAINT BULL NOSE	EACH	5	5
7090001	DUAL COMPONENT PAVEMENT MARKING (WHITE EPOXY)	L.FT.	2,200	4,110
7090002	DUAL COMPONENT PAVEMENT MARKING (YELLOW EPOXY)	L.FT.	4,374	5,478
7090014	REMOVAL OF CURING COMPOUND FOR STRIPING	L.FT.	840	1,260
9280037	GROUND-IN RUMBLE STRIPS (12 INCH)	L.FT.	992	992

7050063	PAVEMENT MARKING, PREFORMED, SINGLE ARROW, TYPE IV	EACH	5	5
7050066	PAVEMENT MARKING, PREFORMED, LEGEND (ONLY), TYPE IV	EACH	2	2

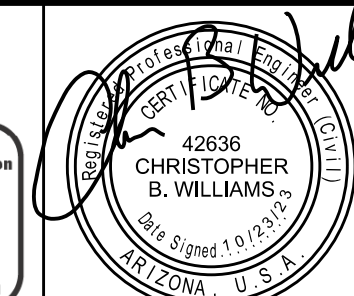
PAVEMENT MARKING DETAILS

MARKING CODE



I-17 MAINLINE RUMBLE STRIP AND YELLOW PAVEMENT MARKING REPLACEMENT SUMMARY		
Direction	Begin Station	End Station
NB	7233+10	7238+18
SB	7235+94	7240+78

DATE 12/06/23  
MADE BY CRW  
DESCRIPTION OF REVISIONS  
ARROW/ ONLY BID ITEM CLARIFICATION  
NO 1



	NAME	DATE
DESIGN	R. NEIFFER	10/23
DRAWN	R. NEIFFER	10/23
CHECKED	C. WILLIAMS	10/23

Y2K ENGINEERING  
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ARIZONA DEPARTMENT OF TRANSPORTATION  
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION  
TRAFFIC DESIGN SECTION

ROUTE I-17  
MILEPOST 337.39  
STRUCTURE NO.

PAVEMENT MARKING NOTES AND QUANTITIES

F.H.W.A. Arizona Division	STATE ARIZ.	PROJECT NO. 017 CN 337	FEDERAL ID NO. 017-B(237)T	SHEET NO. 65	TOTAL SHEETS 123	RECORD DRAWING
LOCATION I-17 AIRPORT RD TI UP						DWG NO. T-07.01
TRACS NO. F0362 01C						OF

MADE BY DATE  
MCS 12/06/2023

DESCRIPTION OF REVISIONS

NO. 1

BREAKAWAY BASE ITEM CLARIFICATION

ROADWAY LIGHTING GENERAL NOTES:


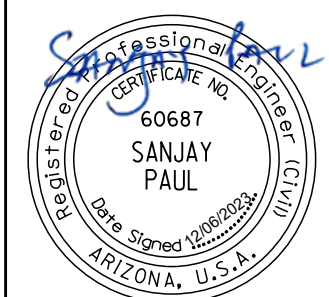
- The location of utilities, including existing roadway lighting features (poles, luminaires, pull boxes and conduit) are approximate. The contractor shall be responsible, per section 730-6 of the ADOT Standard Specifications, for contacting all utilities (including ADOT) for exact locations prior to any construction activity. The contractor is responsible for maintaining proper clearances as required by the utility company.
- Each luminaire shall be Individually fused with In- line connectors in the nearest adjacent pull box per ADOT Std. Dwg. T.S. 1-4.
- Breakaway bases for type "G" poles shall be type 2 breakaway bases per ADOT Std. Dwg. T.S. 5-1 and foundations for type "G" poles shall be per ADOT Std. Dwg. T-SL 4.07 which will be paid for under the respective contract items.
- All work shall conform to ADOT Standard Specifications, Standard Drawings for Traffic Signals and Lighting (latest edition), and the Special Provisions.
- Contractor shall coordinate the construction work requirements of the lighting plans with the construction work requirements of the total project plan set(s). Contractor's work shall be installed in a timely and coordinated basis with the other contractors working within the project limits. Lighting shall be maintained throughout construction. Refer to construction phasing plans for suggested timing of light pole relocations.
- The plans show the general path and location of the conduit in relation to major physical features. The locations of other utilities and other objects along the conduit path may not be shown in the plans but shall be identified by the contractor as the conduit route is marked just prior to installation. The information on the drawings concerning the type and location of existing underground and overhead utilities is approximate and has not been independently verified by the Engineer. The contractor shall determine the exact location of all existing utilities and shall be fully responsible for any and all damages which might result from the contractor's failure to locate and preserve any and all underground and overhead utilities. Repairing utility facilities damaged by the contractor shall be replaced in kind at no additional cost to the Department.
- The contractor shall place warning tape in all trenches in which new conduit is placed per section 732-2.02 and 732-3.02 of the ADOT Standard Specifications. The cost of the warning tape and installation shall be included in the cost of the conduit and not paid for separately.
- The contractor shall perform a ground resistance test for each installed ground rod and each pole foundation grounding coil in accordance with section 732-3.03 of the ADOT Standard Specifications. All test results shall be documented and submitted to the Engineer.
- Contractor shall ensure all new pole foundations have been inspected by the traffic signal Inspector prior to placement of concrete. Placement of all poles shall provide 10 feet minimum clearance from poles/arms/fixtures and all features to any electrical high voltage power lines. Top of foundation shall match the finished surrounding grade.
- No separate measurement or payment shall be made for removal of existing conduit and pull boxes. This shall be considered included in the cost of Item #2020053 Remove (Pole Foundation).
- The relocated light poles will be connected to existing power sources. No separate measurement or payment will be made for completing the required connections. This shall be considered included in the cost of Item #7310832 Relocate Existing Light Poles.

1

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ROADWAY LIGHTING POLE AND LUMINAIRE QUANTITIES			
Item Number	Item Description	Unit	Quantity
2020053	REMOVE (POLE FOUNDATION)	EACH	4
7310261	POLE FOUNDATION (TYPE G) (SLIP AWAY BASE)	EACH	4
7310832	RELOCATE EXISTING LIGHT POLES	EACH	4
7320050	ELECTRICAL CONDUIT (2") (PVC)	L.FT.	200
7320410	PULL BOX (NO. 5)	EACH	2
7320440	PULL BOX (NO. 5) (HEAVY DUTY)	EACH	1
7320482	RESET AND/OR RELOCATE EXISTING PULL BOXES	L.SUM	1
7320650	CONDUCTORS	L.SUM	1
7320740	REMOVAL OF EXISTING CONDUCTORS	L.FT.	150

7310197	BREAKAWAY BASE FOR LIGHTING POLE OR SIGNAL FLASHER	EACH	4
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		DESIGN M. SUNDBLOM 02/23 DRAWN M. SUNDBLOM 02/23 CHECKED S. PAUL 02/23	HDR, INC. 20 E. THOMAS ROAD SUITE 2500 PHOENIX, AZ 85012 TEL: (602) 522-7700	ROUTE I-17 MILEPOST 337.39 STRUCTURE NO.	ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION TRAFFIC DESIGN SECTION	F.H.W.A. Arizona Division STATE ARIZ.	PROJECT NO. 017 CN 337 FEDERAL ID NO. 017-B(237)T	SHEET NO. 75 TOTAL SHEETS 123	RECORD DRAWING
		LIGHTING GENERAL NOTES		LOCATION I-17 AIRPORT RD TI UP TRACS NO. F0362 01C	DWG NO. T-11.01 OF				