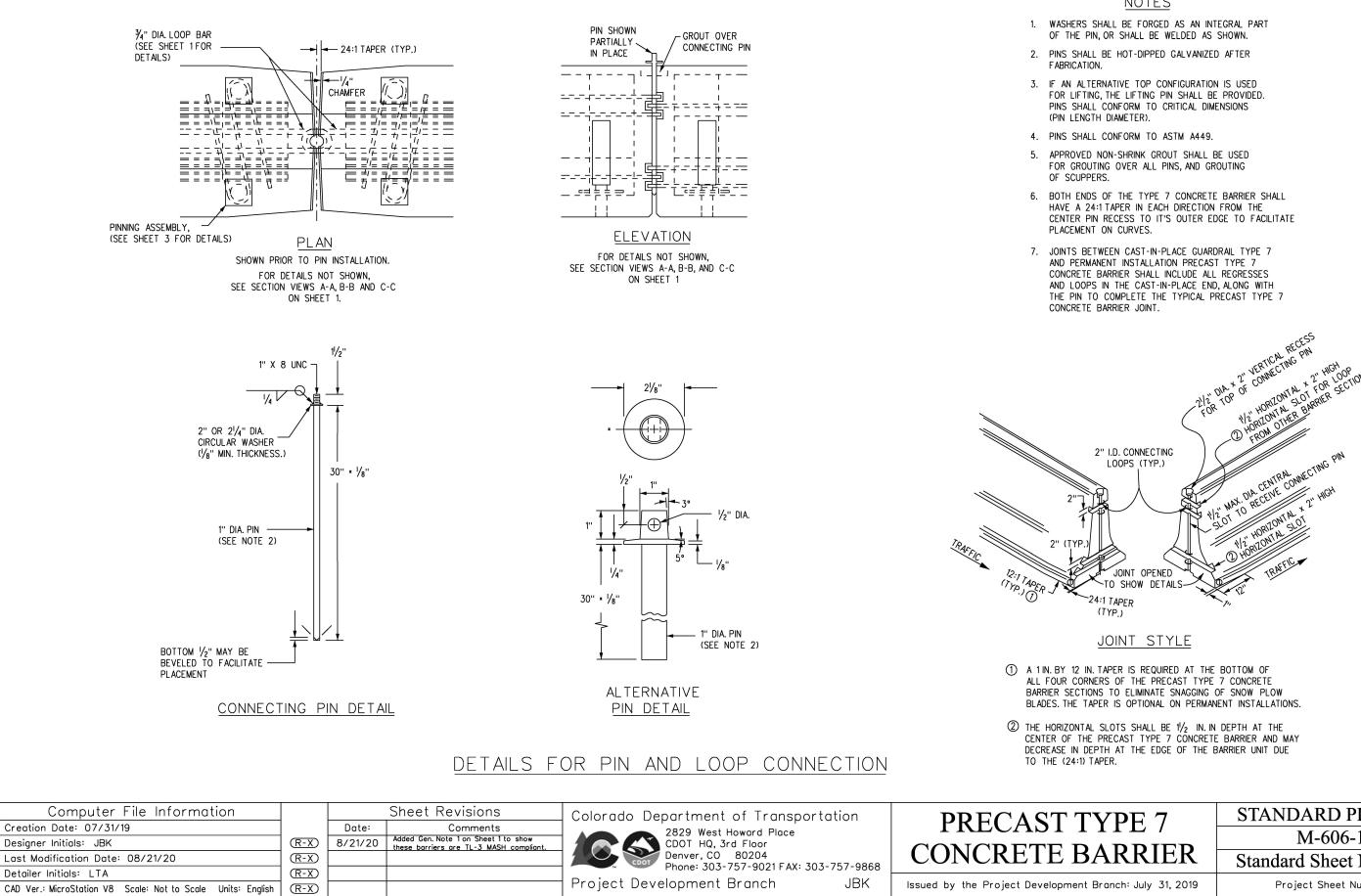


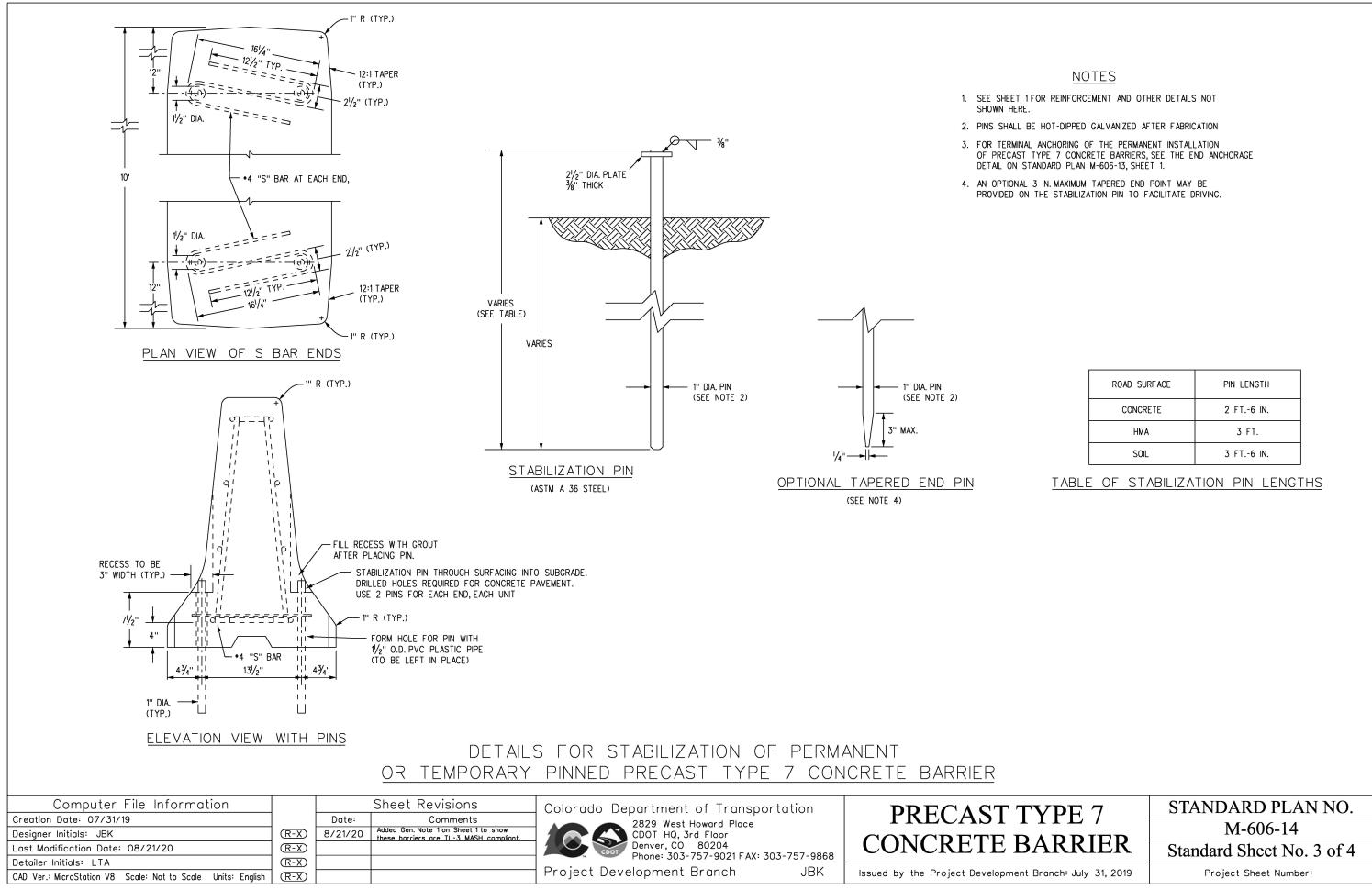
GENERAL NOTES

1. PRECAST TYPE 7 CONCRETE BARRIER HAS BEEN CLASSIFIED AS TL-3 MASH COMPLIANT. MANUFACTURING AND UTILIZATION OF PRECAST TYPE 7 CONCRETE BARRIER IS PERMITTED FOR ALL CDOT PROJECTS REQUIRING TL-3 MASH COMPLIANT TEMPORARY CONCRETE BARRIER. REFER TO CDOT'S APRROVED PRODUCT LIST (APL) FOR ADDITIONAL MASH COMPLIANT PROPRIETARY TEMPORARY BARRIER DEVICES. 2. ALL STEEL REINFORCING SHALL BE 2 IN. CLEAR OF THE NEAREST SURFACE OF CONCRETE UNLESS OTHERWISE SHOWN. REINFORCING STEEL SHALL BE GRADE 40 MINIMUM. 4. ALL PERMANENT PRECAST BARRIERS USED TO REPLACE OTHER PRECAST TYPE 7 CONCRETE BARRIERS SHALL BE IN NEW CONDITION, UNDAMAGED, AND WITH NO REPAIRS. 5. FOR TEMPORARY INSTALLATIONS, INSTALL WITH A MINIMUM 4 FT. DISTANCE FROM THE CENTERLINE OF THE PRECAST TYPE 7 CONCRETE BARRIER TO ANY OBSTRUCTIONS BEHIND IT. FOR TEMPORARY INSTALLATIONS WITH LESS THAN A 4 FT. MINIMUM DISTANCE, STABILIZATION PINS SHALL BE USED ON EACH PRECAST TYPE 7 CONCRETE BARRIER UNIT ADJACENT TO, AND WITHIN 10 FT. OF BOTH SIDES OF THE OBSTRUCTION. SEE SHEET 3 6. THE FLARE RATE FOR TEMPORARY INSTALLATIONS SHALL BE 10:1 OR FLATTER UNLESS OTHERWISE APPROVED BY THE ENGINEER FOR PERMANENT INSTALLATIONS. SEE THE FLARE RATES TABLE ON STANDARD M-606-13, SHEET 3. 7. STABILIZATION PINS SHALL BE USED TO ANCHOR EACH 10 FT. UNIT IN ALL PERMANENT INSTALLATIONS. SEE SHEET 3 FOR STABILIZATION PINNING DETAILS. 8. FOR ALL PERMANENT INSTALLATIONS THAT REQUIRE END ANCHORAGES. SEE STANDARD PLAN M-606-13, SHEET 1, FOR ANCHORAGE DETAILS. 9. THE MONTH AND YEAR THE PRECAST TYPE 7 CONCRETE BARRIER WAS MANUFACTURED SHALL BE MOLDED INTO ONE END OF EACH 10 FT. BARRIER UNIT. 10. APPROVED NON-SHRINK GROUT SHALL BE USED FOR GROUTING OVER ALL PINS 11. WHEN HYDRAULIC ANALYSIS ALLOWS, SCUPPERS MAY NOT BE NEEDED ON: A. MEDIAN INSTALLATION WITH INLET DRAINAGE. B. PRECAST TYPE 7 CONCRETE SHOULDER BARRIER ON HIGH EDGE OF A SUPERELEVATED SHOULDER. C. PRECAST TYPE 7 CONCRETE MEDIAN BARRIER ON A CREST VERTICAL CURVE. D. PERMANENT BARRIER, IF SPECIFIED ON PLANS. 12. ALL INCIDENTAL WORK AND MATERIALS SUCH AS CONNECTING PINS, ANCHORS BOLTS, GROUT, AND EXCAVATION FOR END ANCHORAGE, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE WORK. 13. ONE IN. DIAMETER THREADED INSERTS MAY BE CAST-IN-PLACE TO FACILITATE LIFTING FOR THE TEMPORARY PRECAST TYPE 7 CONCRETE BARRIER APPLICATIONS ONLY. 14. RETROREFLECTORIZATION IS REQUIRED ON PRECAST TYPE 7 CONCRETE BARRIERS. SEE CONCRETE BARRIER RETROREFLECTOR NOTES ON STANDARD PLAN S-612-1. REFER TO STANDARD PLAN M-606-13, SHEET 1 <u>' 8'</u> DETAIL STYLE PD, 28' FOR ANCHOR BOLT DETAIL 28 NARROW BASE STIRRUP "M" #5 REBAR PAIR STANDARD PLAN NO. M-606-14 Standard Sheet No. 1 of 4 Project Sheet Number:

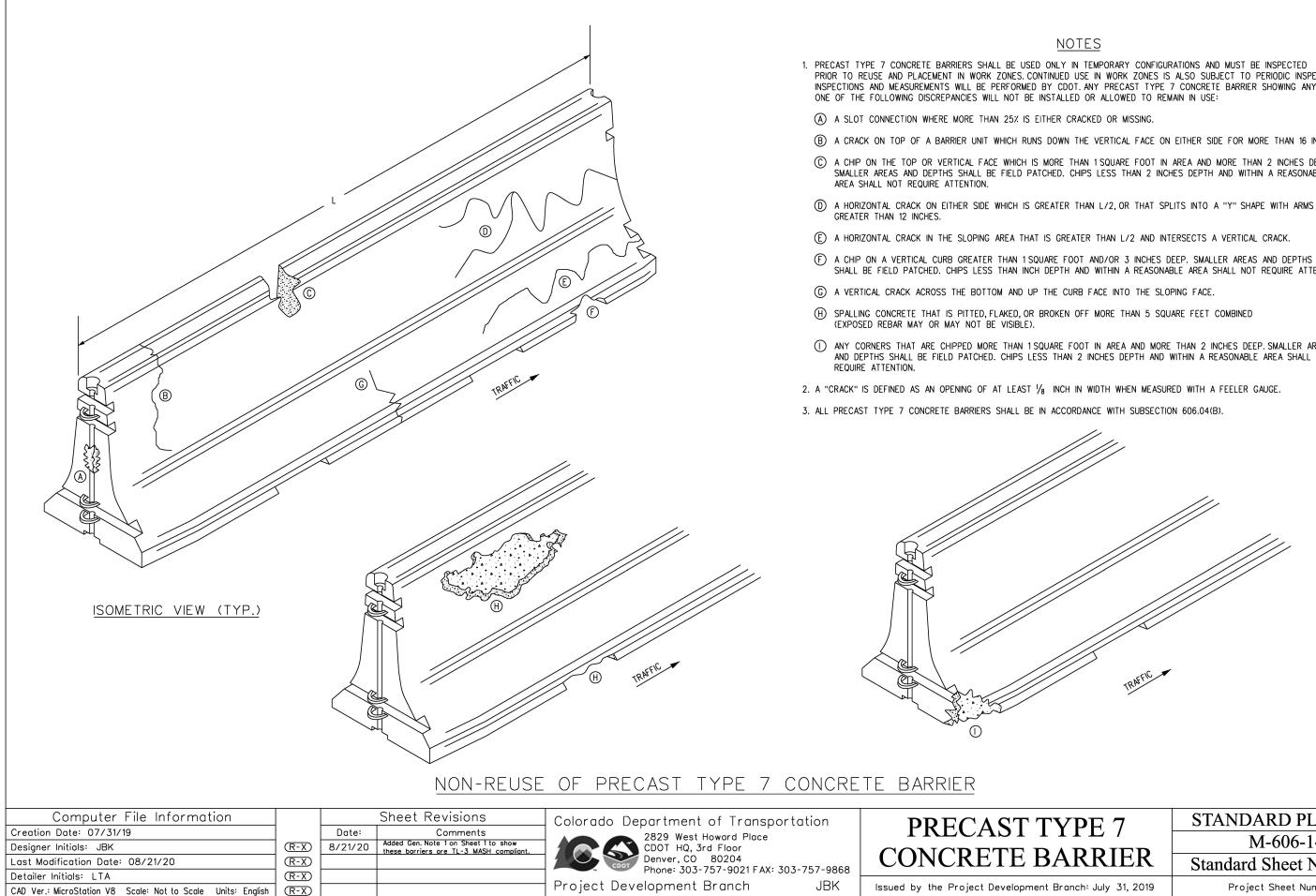


NOTES

TYPE 7 BARRIER	STANDARD PLAN NO.
	M-606-14
	Standard Sheet No. 2 of 4
nt Branch: July 31, 2019	Project Sheet Number:



ROAD SURFACE	PIN LENGTH
CONCRETE	2 FT6 IN.
НМА	3 FT.
SOIL	3 FT6 IN.



NOTES

1. PRECAST TYPE 7 CONCRETE BARRIERS SHALL BE USED ONLY IN TEMPORARY CONFIGURATIONS AND MUST BE INSPECTED PRIOR TO REUSE AND PLACEMENT IN WORK ZONES. CONTINUED USE IN WORK ZONES IS ALSO SUBJECT TO PERIODIC INSPECTIONS. INSPECTIONS AND MEASUREMENTS WILL BE PERFORMED BY CDOT. ANY PRECAST TYPE 7 CONCRETE BARRIER SHOWING ANY

(B) A CRACK ON TOP OF A BARRIER UNIT WHICH RUNS DOWN THE VERTICAL FACE ON EITHER SIDE FOR MORE THAN 16 INCHES.

ⓒ A CHIP ON THE TOP OR VERTICAL FACE WHICH IS MORE THAN 1 SQUARE FOOT IN AREA AND MORE THAN 2 INCHES DEEP. SMALLER AREAS AND DEPTHS SHALL BE FIELD PATCHED. CHIPS LESS THAN 2 INCHES DEPTH AND WITHIN A REASONABLE

(E) A HORIZONTAL CRACK IN THE SLOPING AREA THAT IS GREATER THAN L/2 AND INTERSECTS A VERTICAL CRACK.

(F) A CHIP ON A VERTICAL CURB GREATER THAN 1 SQUARE FOOT AND/OR 3 INCHES DEEP. SMALLER AREAS AND DEPTHS SHALL BE FIELD PATCHED. CHIPS LESS THAN INCH DEPTH AND WITHIN A REASONABLE AREA SHALL NOT REQUIRE ATTENTION.

() ANY CORNERS THAT ARE CHIPPED MORE THAN 1 SQUARE FOOT IN AREA AND MORE THAN 2 INCHES DEEP. SMALLER AREAS AND DEPTHS SHALL BE FIELD PATCHED. CHIPS LESS THAN 2 INCHES DEPTH AND WITHIN A REASONABLE AREA SHALL NOT

STANDARD PLAN NO. M-606-14 Standard Sheet No. 4 of 4 Project Sheet Number: