TITLE SHEET

#### CONVENTIONAL SIGNS

CENTER LINE OF PROJ. TITLE SMEET PROJ.
TOWNSHIP OR RANGE LINE
LAND LINES SECTION LINE & SECTION LINE
CITY LIMITS PLAN SHEET THE
RAILROAD
BARBED WIRE FENCE
WOVEN WIRE - COMBINATION FENCE
TELE. & TELEG. LINE \$ \$ \$
POWER LINE • • • •
PRESENT ROAD (PLAN SHEETS)
RIGHT OF WAY LINE
ACCESS POINTS (FREEWAYS)
C OF A LINE (CONTROL OF ACCESS) 24 OF OF OPENING
ACCESS DENIED BY DEED
TOP OF CUTS
TOE OF FILLS
DETOUR ====================================

## DEPARTMENT OF HIGHWAYS STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED

FEDERAL AID PROJECT NO. LSI 25-2(5)

STATE HIGHWAY NO. #25

EL PASO COUNTY

SCALES OF ORIGINAL DRAWINGS

GROSS LENGTH OF PROJECT ) NO CENTER LINE LENGTH INVOLVED

COLORADO L\$1 25-2(5)

INDEX OF SHEETS

SHEET NO.

M-614-TB

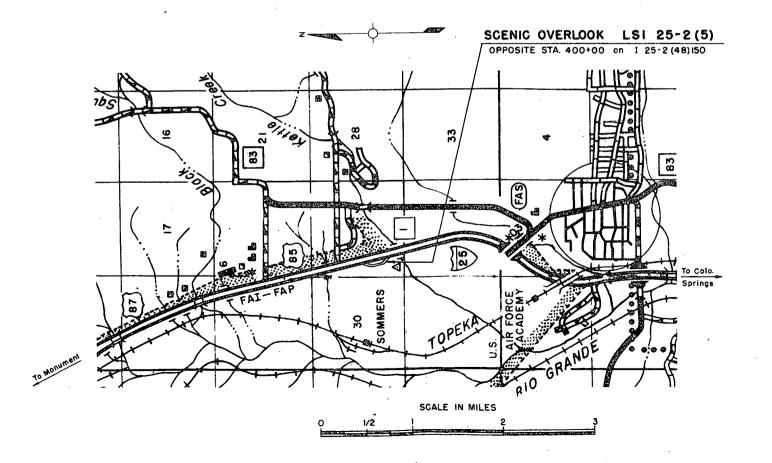
SUMMARY OF APPROXIMATE QUANTITIES

SCENIC OVERLOOK AND PLANTING

PLANTING DETAILS CROSS SECTIONS DELINEATORS (2 SHEETS) (7-1-65) M-612-C

M-614-1A CONSTRUCTION IDENTIFICATION SIGNS (7-1-65)

TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION (3 SHEETS)(7-1-65)

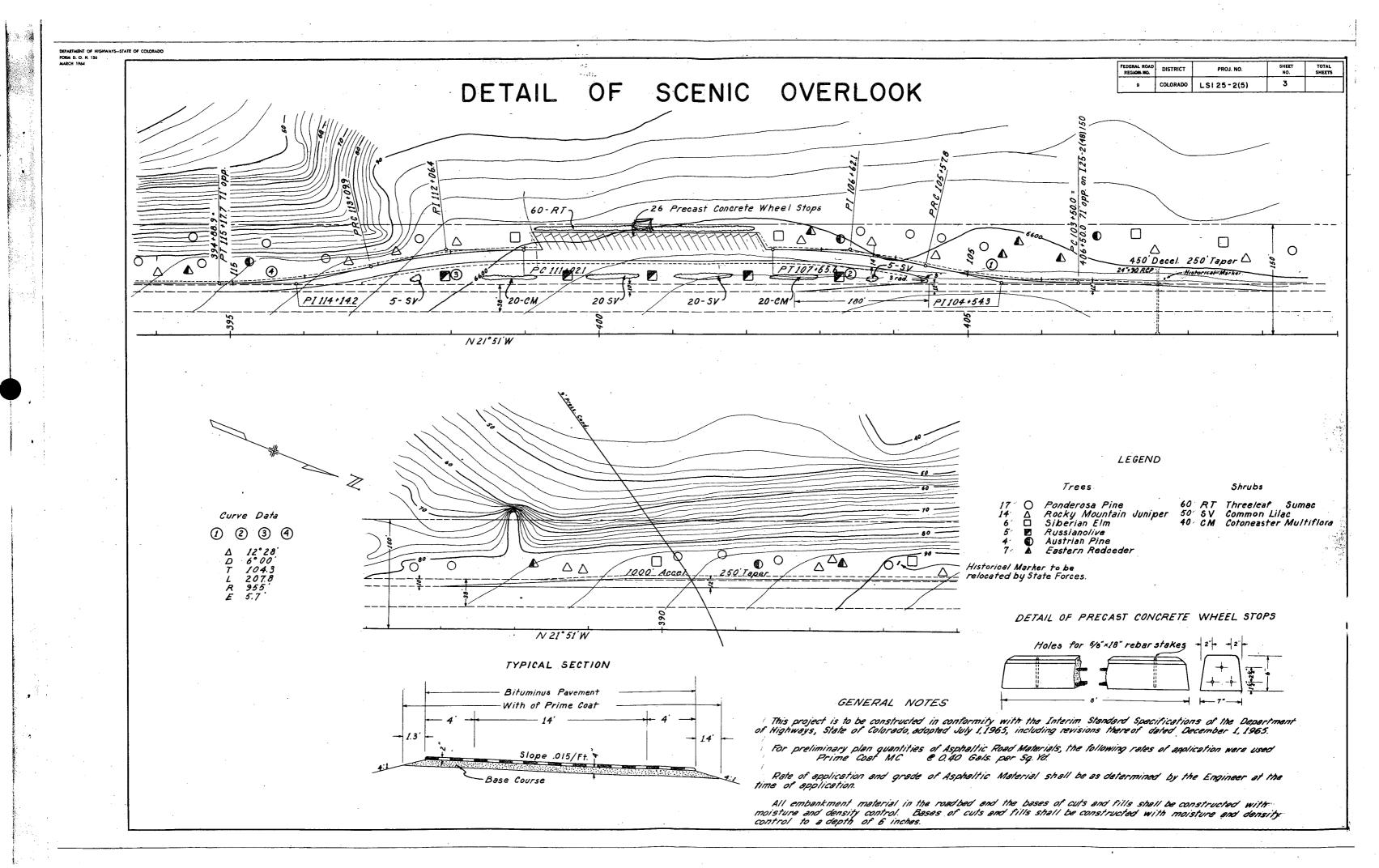


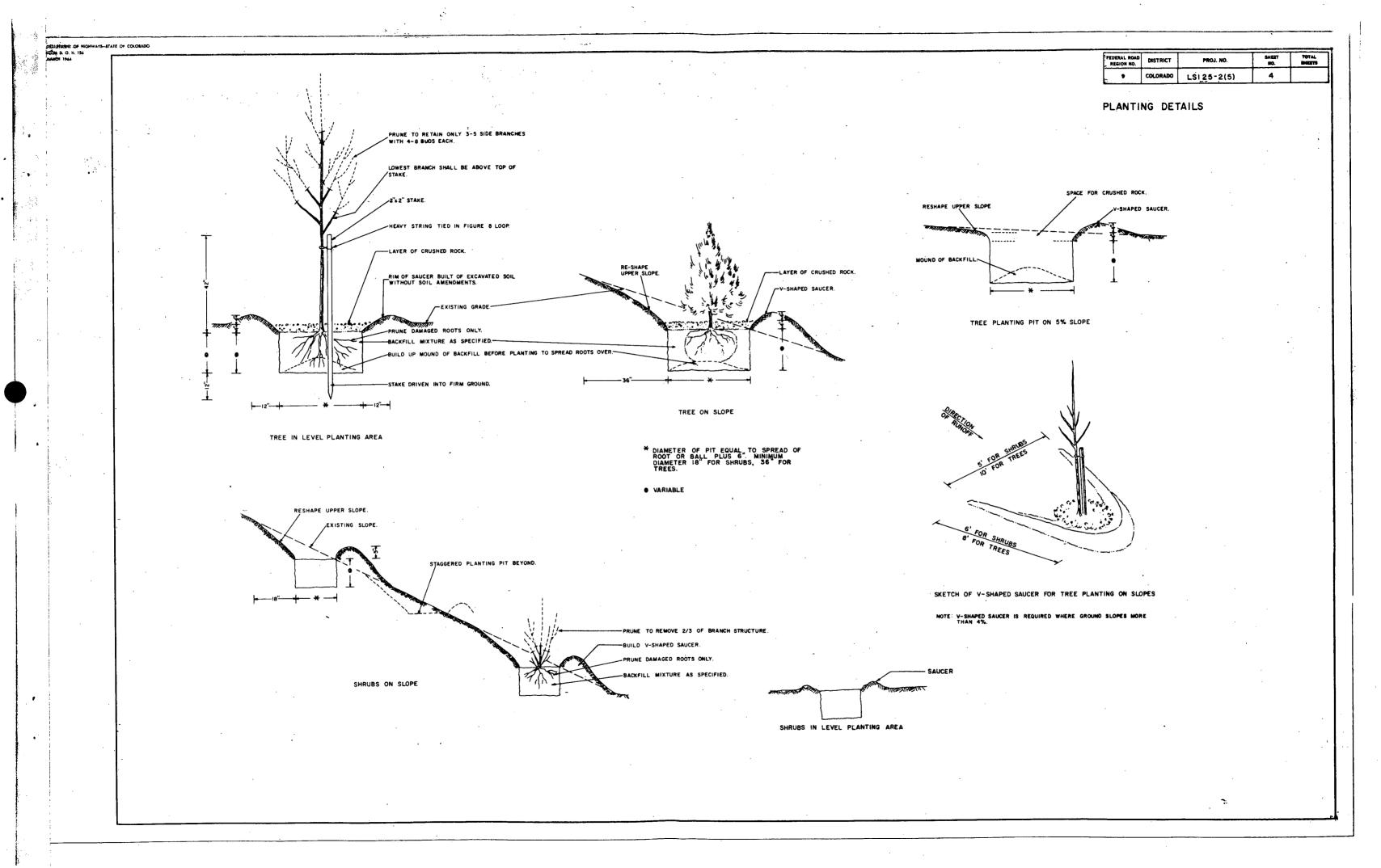
SEE SPECIAL PROVISIONS FOR NOTICE TO BIDDERS

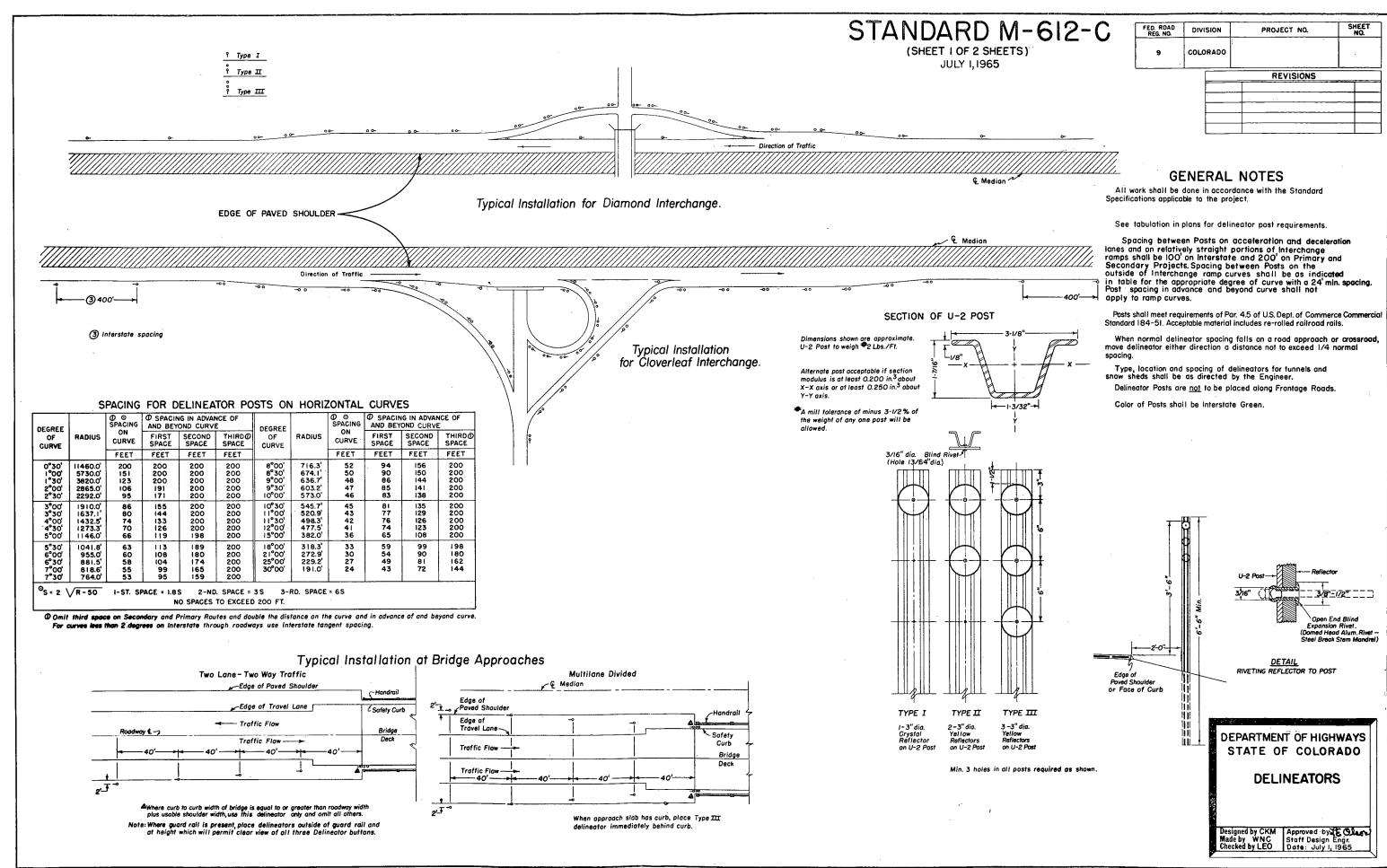
١.	DEPARTMENT OF HIGH	
	STATE OF COLORAD	0 .
1		
[		
	·	
APPROV	E8-7/	1
//		$\mathbf{X}$
1 ( )	In/ Drum	V 3-22-6
	CHIEF ENGINEER	DATE

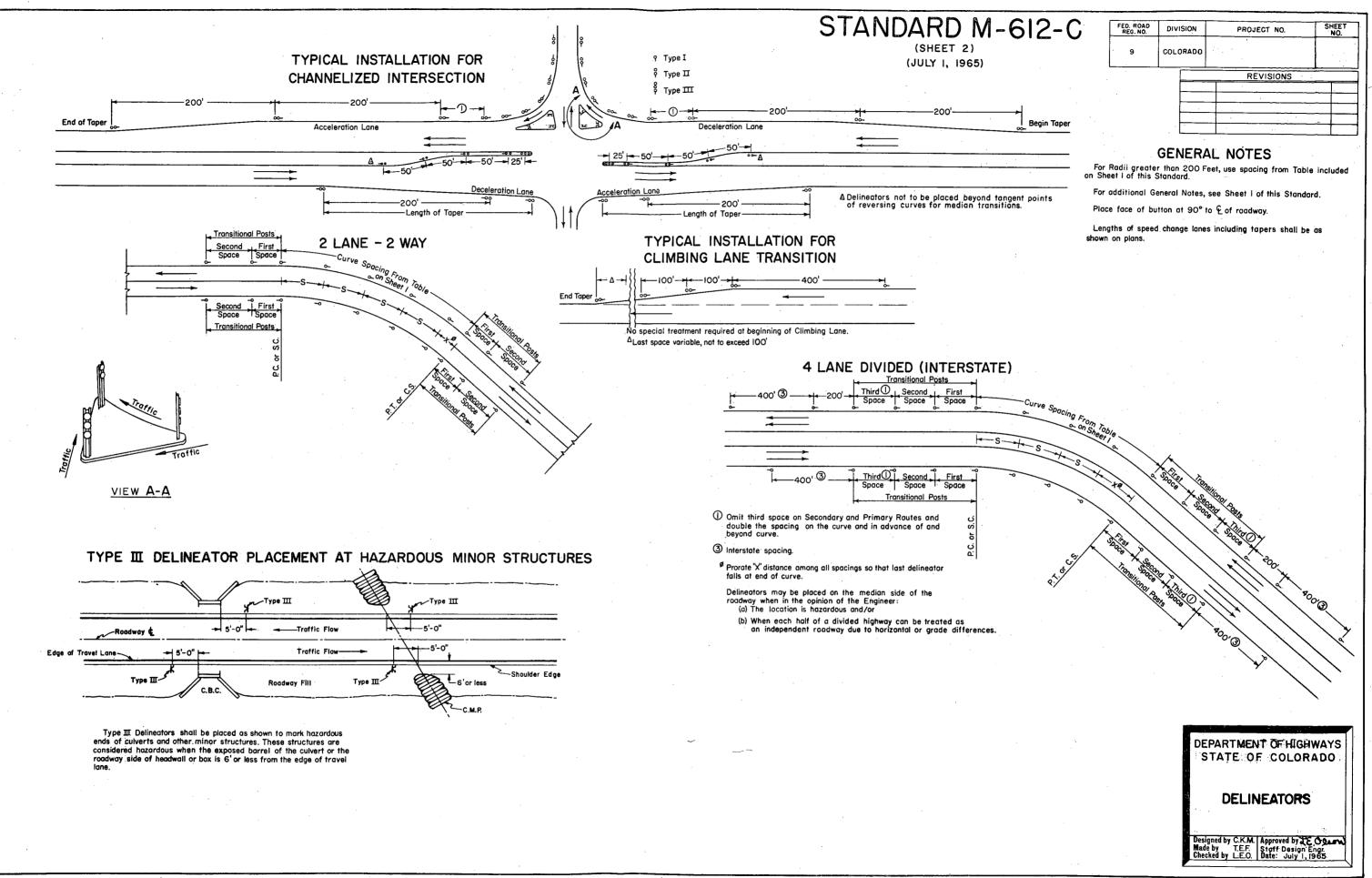
	DEPARTMENT OF COMME	
APPROVED:		DATE
	DIVISION ENGINEER	
	,	

	SU	JMMA	RY OF	<b>APPROXIMAT</b>	E QUANTITIE	S		FEDE	RAL ROAD DIVISION PROJ. NO.  , COLORADO LSI 25-2(5)	SHEET NO.
CONTRA		SYMBOL	SIZE	SPACING	MANNER PREPARED	UNIT	LAND- SCAPING	SCENIC OVERLOOK	PROJECT TOTALS	
02 Re 03 UI	emoval of Delineators aclassified Excavation (Complete in place)					Each Cu. Yd.		6 800	800	·
07 70	ppsoil (Special)					Cu. Yd.	1,100		1,100	
08 Se	eeding fulching					Acre Acre	2 2		2 2	
	DECIDUOUS TREES								_	
28 R 28 Si	ussianolive (Elaeagnus Angustifolia) iberian Elm (Ulmus Pumila)		6'-8' 5'-6'		8. R. 8. R.	Each Each	5 6		5 6	
	EVERGREENS									
28 R	ocky Mountain Juniper (Juniperus Scopulorum)		3'-4'		B. & B. B. & B.	Each Each	14		14	
08 A 08 A	estern Redceder (Juniperus Virginiana) ustrian Pine (Pinus Nigra) onderosa Pine (Pinus Ponderosa)	<b>A O</b>	3' - 4' 3' - 4'	,	8 & 8 * 8 & 8	Each Each	17		17	
	SHRUBS									
	ntoneaster Multiflora (Cotoneaster Multiflora) hreeleaf Sumac (Rhus Trilobata) hommon Lilac (Syringa Vulgaris)	CM RT SV	2'-3' 1'-2' 2'-3'	5' 5' 5'	BR BR BR	Each Each Each	40 60 50		40 60 50	
										·
104 A	ggregate Base Coursa (Class 6)				,	Ton		800	800	
03 4	of Bituminous Pavement (Grade E)(Haul and Asphalt)	and the control of th				Ton		400	400	
11 L	iquid Asphaltic Material (MC)					Gal.		1,700	1,700	
09 C	urb Type III (Section B)					Lin. Ft.		208	208	
12 0	Delineators (Type I) Delineators (Type II)		•			Each Each		20	20	
			•							
	STATE FORCES					Lump Sum				
1	igning and Striping (Non-Federal Aid) Peset Historical Marker (Non-Federal Aid)					Lump Sum				
	reser mistoricar wierker ( Non-) edelar Fild )									
	B.R Bare Rooted * 2 x Trans, B.&B Balled & Burlapped	plant and	Root-Pruned							









## TYPICAL SIGNS

## STANDARD M-614-IA

(JULY 1, 1965)

FEDERAL ROAD REGION NO.	DISTRICT	PROJ. NO.		SHEET . NO.	TOTAL SHEETS
9	COLORADO				
		F	REVISIO	NS	

# YOUR HIGHWAY TAXES COLORADO AT WORK FEDERAL HIGHWAY

INTERSTATE SYSTEM

TRUST FUNDS

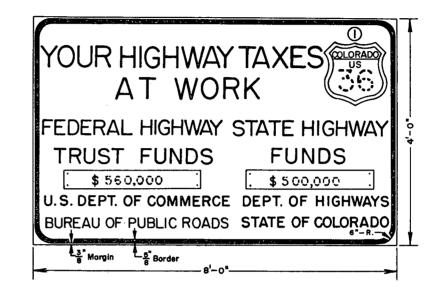
\$ 900,000

U.S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS

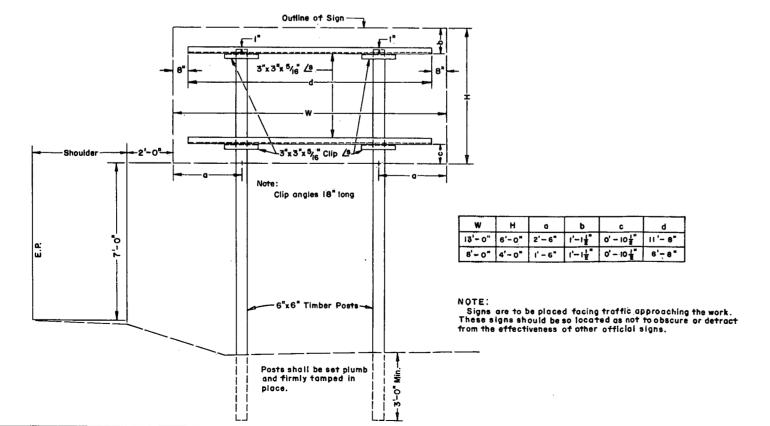
STATE HIGHWAY **FUNDS** \$ 100,000 DEPT. OF HIGHWAYS

STATE OF COLORADO

PRIMARY & SECONDARY SYSTEM



### INSTALLATION DETAIL



### GENERAL NOTES

All work shall be done in accordance with the Standard Specifications applicable to the project.

Signs shall be made of  $\frac{3}{4}$  Plywood or other material approved by the Department.

When a third governmental agency is participating its official name should be included centrally in lines 6 and 7

Posts shall be 6"X 6" \$4 \$ timber or other material approved by the Department and

Signs are to be non-reflectorized, black letters, numerals, and border on plain white background Marker plaques to be the appropriate standard colors, non-reflectorized

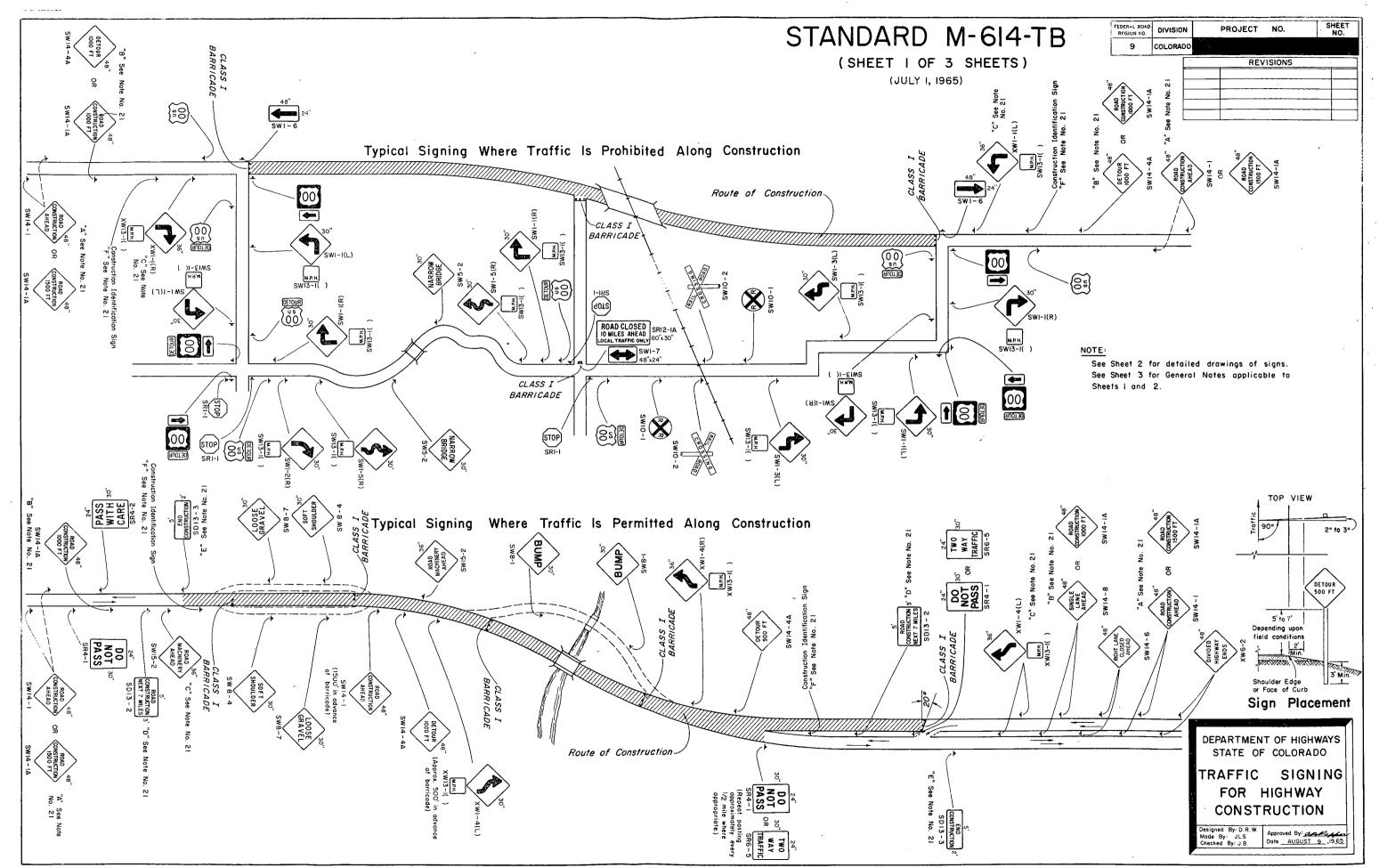
Layout of signs will be furnished by the Traffic Operations Section indicating the details as to letter size, symbols, spacing, figure for amount of funds, etc. which are required for these signs.

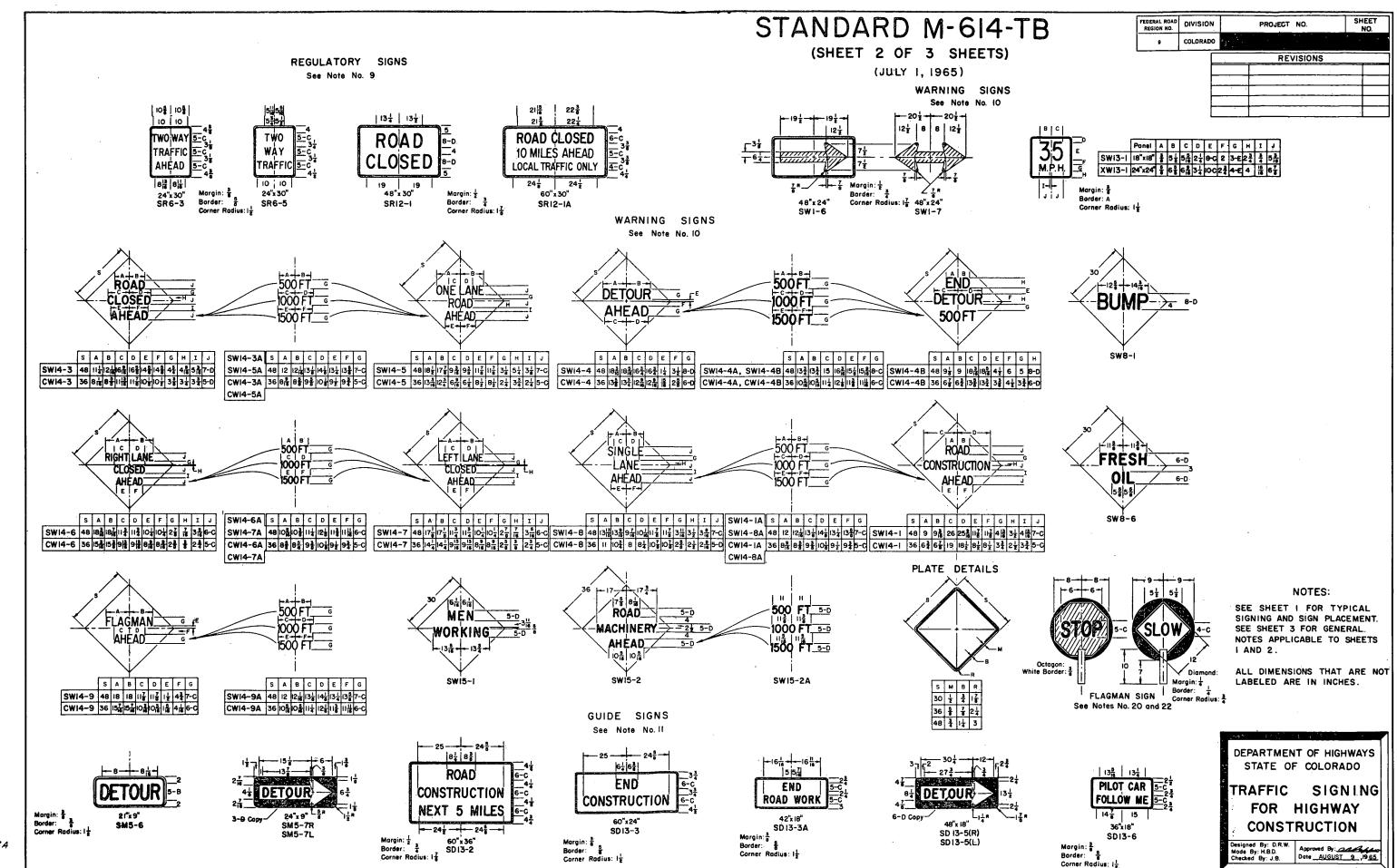
These signs will be furnished and installed by State Forces.

 $igodots_{\sf Applicable}$  Interstate , U. S. Shield or State Route Shield.

DEPARTMENT OF HIGHWAYS STATE OF COLORADO CONSTRUCTION **IDENTIFICATION** SIGNS

Designed by B.F.R. Approved by: all the Made by D.J.B.
Checked by M.R.H. Date: July I, 1965





### STANDARD M-614-TB

(SHEET 3 OF 3 SHEETS)

(JULY I, 1965)

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.			-   . :	. SHEET NO.		
9	COLORADO			. 1	,			
	[	 	REVI	SIONS				
	1	 <u> </u>				1		
	ţ							
	Ţ							
	1							

### **GENERAL NOTES**

- All work shall be done in accordance with: (a) the Standard Specifications applicable
  to the Project, and (b) the "Manual on Uniform Traffic Control Devices
  for all Classes of Streets and Highways" published by the Department of Highways.
- 2. Where traffic is maintained through or over any part of the Project the Contractor will be required to mark all hazards within the limits of the Project (including connecting roads) with well-maintained Barricades, Warning, and Guide Signs. All Barricades and Signs shall be moved, added to, changed or removed as required during the progress of construction and removed entirely when the Project is completed.
- 3. Where traffic is prohibited from the Project the Detour will be marked by the Department except that the Contractor shall provide, erect and maintain Barricades, complete, (when required) at the ends of the Project, ends of the Detour and connecting roads. All U.S. or State Route Markers required for the Project will be furnished and installed by the Department. The location and positioning of Warning Signs, Barricades, and Regulatory Signs shall be as recommended by the appropriate District Engineering Forces of the Department.
- 4. Work on the Project shall not be started until all required signs are in place and approved by the Engineer. Where speed control appears necessary such speed control shall be requested from the Engineer by the Contractor. Control of speed through a construction zone may be achieved by Advisory Speed plates in conjunction with Warning Signs (SW13-1 for use with 30" Warning Signs and XW13-1 for use with 36" and 48" Warning Signs). The Advisory Speed plate is to be posted only at those locations where the safe speed is lower than the imposed Regulatory speed limit.
- 5. All Signs and Barricades shall be placed for best visibility and legibility, maintained in good condition and kept clean and free of dirt at all times. Contractor's and Engineer's vehicles and equipment must be parked so that signs and barricades are visible to approaching traffic at all times.
- 6. Where two identical signs are used for dual posting they are to be staggered on the two sides of the roadway for a minimum distance of 75' to avoid a tunneling effect.
- 7. Examples for marking Projects, as shown on Sheet 1, are typical of signs required and are subject to alteration to fit actual conditions encountered in the field. Locations for control devices are to be staked by the Engineer. In all cases Warning signs are to be placed well in advance of the hazard, the distance depending on topography and existing approach speeds. Additional markings and any special signs required for the guidance and protection of traffic will be placed as required on the Project at the Contractor's expense.
- 8. Desirable sizes for signs are shown on Sheet I of this Standard. Larger or smaller signs shall be used where warranted. Detailed dimensions for signs normally used in connection with construction are shown on Sheet 2 of this Standard. For information on standard roadway signs not detailed on this Standard see the "Manual on Uniform Traffic Control Devices for all Classes of Streets and Highways" published by the Department of Highways.
- Signs with the prefix "R" in the sign code are <u>Regulatory</u> signs and as such impose legal compulsions or restrictions on drivers and should only be used as authorized by the Engineer.
- D. Signs with the prefix "W" in the sign code are <u>Warning</u> signs and are used to alert traffic to existing or potentially hazardous conditions.
- Signs with the prefix "D" or "M" in the sign code are <u>Guide</u> signs. Those with the prefix "D" convey general information and those with the prefix "M" are used for marking the traffic route.
- 12. All signs shall be reflectorized unless otherwise specified on plans. Regulatory and Guide signs (unless otherwise specified) shall have a screen processed black legend and border on a white flexible reflective sheeting, non-exposed lens background. The back side of Regulatory and Guide signs shall be painted with two coats of "Exterior Sign White Paint." Warning signs shall have a screen processed black legend and border on a highway yellow flexible reflective sheeting, non-exposed lens background. The back side of Warning signs shall be painted with two coats of "Federal Yellow Synthetic Sign Enamel."
- 13. Painting for wood surfaces shall conform with Section 508 of the Standard Specifications.
- 14. Posts for regulatory, warning, and guide signs will normally be 4" x 4" or 6" x 6" and shall conform to the Standard Specifications for Untreated Timber-S4S. Timber shall conform to Construction grade Paragraph 123B or 125B of Standard No. 15 Grading & Dressing Rules for West Coast Douglas Fir (1956) or Dense Structural 58 and LL Structural 58 Paragraph 284 or 285 of 1956 Grading Rules for Southern Pine. Posts shall be painted with one coat of "White Wood Primer" and one coat of "Outside White Paint."

- 15. Sign panels furnished by the Contractor for use only during construction may be fabricated from plywood, aluminum, steel or other suitable material but shall be stable and durable enough to meet other requirements of this Standard.
- 16. All material shall be sound and durable. Barricades, signs, symbols, and lettering shall be of good workmanship. Uneven lettering will not be accepted.
- 17. Alternate methods of processing signs or the substitution of symbols or other reflecting elements for painted symbols will be permitted only after approval by the Department.
- 18. Torches and Lanterns shall be either of the fuel-burning or battery-powered type approved by the Department. Particular care shall be taken to protect all signs and barricades from smoke and smudge.
- 19. <u>Barricades, Flashing Beacons and Flashers</u> Refer to appropriate "M" Standard (Timber Barricades) for details.
- 20. Flagman Sign This sign shall have a black painted background on both sides to form a contrast for the octagonal Stop sign and the diamond Warning sign. The "STOP" sign shall be fabricated by reverse screen process using transparent red paint on smooth surface silver reflective sheeting. The "SLOW" side of the Flagman Sign shall be black process paint on smooth surface yellow reflective sheeting. Handle to be grooved on one side to indicate reading of sign to Flagman.
- 21. Sign "A": This is the first advance warning sign and shall be placed 1,500 feet ahead of Barricade or project terminal. Postings are required on both sides of the roadway on divided highways.

  Sign "B": This is the second advance warning sign and shall be placed 1,000 feet ahead of barricade or project terminal. Postings are required on both sides of the roadway on divided highways and singly on two-lane, two-way highways.

  Sign "C": This is the third advance warning sign in cases where barricades are used and

Sign "C": This is the third advance warning sign in cases where barricades are used and shall be placed 500 to 750 feet ahead of barricade or potentially hazardous condition. Postings are required on both sides of the roadway on divided highways and singly on two-lane, two-way highways.

Sign "D": SD13-2-This sign shall be placed to mark the beginning of a Project of more than 2 miles in extent, where traffic is maintained through the project. It shall be placed singly and near the beginning of construction.

Sign "E": SDI3-3 - This sign shall be placed to mark the end of the Project. It shall be placed singly and may be placed opposite barricade if desirable.

Sign "F": Construction identification signs shall be furnished and installed by the Department on all Federal-Aid and Forest Highway Projects where actual construction is in progress and visible to highway users. These signs should be located so as not to obscure or detract from the effectiveness of other official signs. Where two or more projects are contiguous the appropriate data may be included in one set of signs. Refer to appropriate "M" Standard (Identification Signs) for sign details.

Signs A through F shall be furnished, installed and maintained by the Department.

22. When Flags are used in lieu of the Flagman Sign, they shall be a minimum of 18"x18", made of a good grade of bright red material, and fastened securely to a staff of approximately 3 foot length. The free edge should be weighted to insure that the flag will hang vertically, even in heavy winds.

SPECIAL NOTE: Requirements of this Standard are optional to those of Standard M-614-TA through 12-31-65. Following that date Standard M-614-TA will be obsolete.

DEPARTMENT OF HIGHWAYS
STATE OF COLORADO

TRAFFIC SIGNING
FOR HIGHWAY
CONSTRUCTION

Designed By: D.R.W.
Mode By: J.L.S.
Checked By: J.B.

Approved By: Approved B

M-6-EA