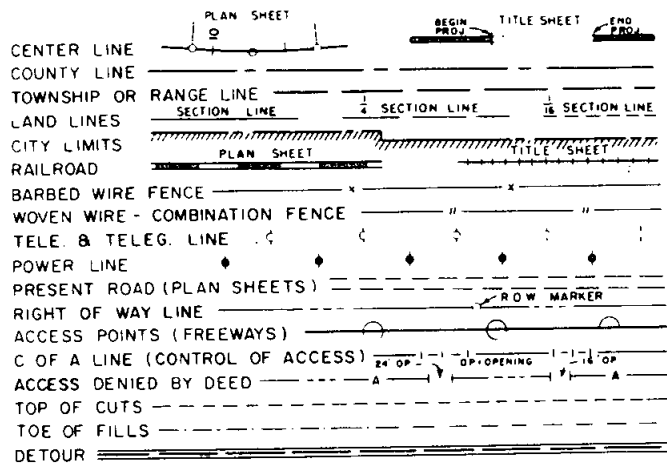


DEPARTMENT OF HIGHWAYS
STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. LSF017-3(1)
STATE HIGHWAY NO. 8
LINCOLN COUNTY

CONVENTIONAL SIGNS



SCALES OF ORIGINAL DRAWINGS
ON PLAN, 1 IN. = 50 FT.
ON PROFILE, 1 IN. = 50 FT. HORIZONTAL
1 IN. = 5 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

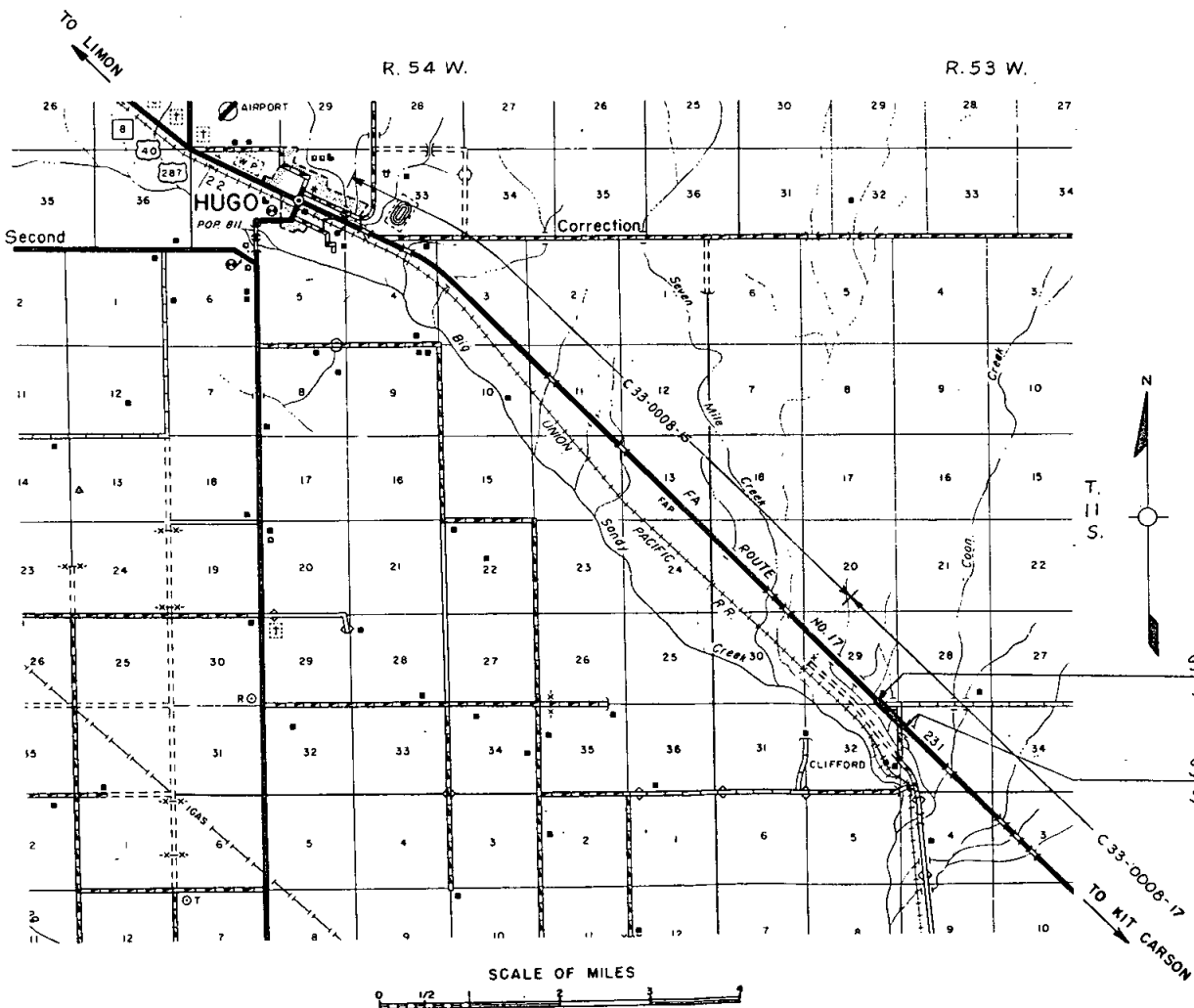
INDEX OF SHEETS

- SHEET NO 1 SKETCH MAP, TITLE PAGE AND TABULATION OF LENGTH.
2 TYPICAL CROSS SECTIONS OF IMPROVEMENT AND GENERAL NOTES.
3-4 SUMMARY OF APPROXIMATE QUANTITIES.
5 STRUCTURE QUANTITIES.
6 PLANT LIST, TABULATION OF SHELTERS, TABLES AND GRILLS, TABULATION OF CURB AND GUTTER, SUBBASE AND SURFACING PLAN AND SUMMARY OF EARTHWORK QUANTITIES.
7-9 DETAILS OF COMFORT STATION.
10 PICNIC TABLE, BARBECUE GRILL AND DRINKING FOUNTAIN.
11-12 DETAILS OF SHADE SHELTER.
13 DETAIL OF PUMP PIT AND DETAIL OF CONCRETE TRAILER PAD.
14 PLANTING DETAILS.
15 PLAN AND PROFILE OF SEWAGE DISPOSAL SYSTEM.
16 ALIGNMENT AND PLAN OF REST AREA.
17 PROFILE OF REST AREA.
18-19 CROSS SECTIONS.
20 STRUCTURE CROSS SECTIONS.
M-203-B APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE AND CREST WIDENING JULY 1, 1965
M-203-C DITCH TYPES JULY 1, 1965
M-206-A EXCAVATION AND BACKFILL FOR STRUCTURES (2 SHEETS) DEC. 7, 1965; JULY 1, 1965
M-603-C HEADWALLS AND END SECTIONS FOR CSP CULVERTS JULY 1, 1965
M-604-D STEPS FOR MANHOLES AND INLETS JULY 1, 1965
M-609-A CURBS AND GUTTERS FEB. 14, 1966
M-613-A HIGHWAY LIGHTING JULY 1, 1965
M-614-TB TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION (3 SHEETS) JULY 1, 1965
M-617-A CULVERT PIPE JULY 1, 1965

TABULATION OF LENGTH

STATION		ROADWAY
		LIN. FT.
1246+40 Begin LSF017-3(1)= 1246+40 on C33-0008-17 1265+50 End LSF017-3(1)= 1265+50 on C33-0008-17		1,910.0
TOTAL		1,910.0
SUMMARY	LIN. FT.	MILES
	1,910.0	0.362
Roadway		
GROSS AND NET LENGTH	1,910.0	0.362

No Construction on Centerline of
Roadway. Construction of Rest
Area only.



STA. 1246+40 BEGIN LSF 017-3(1) =
STA. 1246+40 ON C33-0008-17

STA. 1265+50 END LSF 017-3(1) =
STA. 1265+50 ON C33-0008-17

SEE SPECIAL PROVISIONS FOR
NOTICE TO BIDDERS.

DEPARTMENT OF HIGHWAYS
STATE OF COLORADO

APPROVED: *[Signature]* 3-24-66
CHIEF ENGINEER DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____ DATE _____
DIVISION ENGINEER

FEDERAL ROAD REGION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	LSF017-3(1)	2	

TYPICAL CROSS SECTIONS OF IMPROVEMENT

NOTE
SEE STANDARD M-203-B FOR
DETAILS OF CUT SLOPE TREATMENT,
FLARING AND WIDENING.

EXCAVATION BELOW 4:1 SLOPE AND/OR
10:1 SLOPE WILL NOT BE PERMITTED.

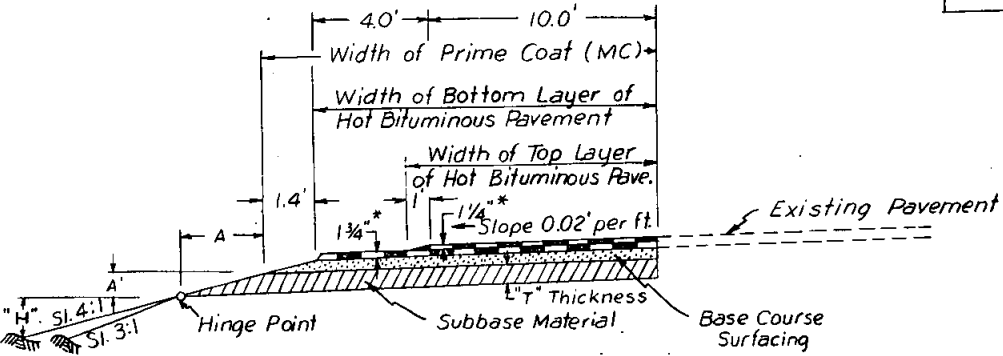
Slope not steeper
than 3:1 except
in special cases.

THE DEPTH AND WIDTH OF THE SIDE DITCH
SHALL BE VARIED WHERE NECESSARY IN ORDER
TO PROVIDE PROPER DRAINAGE AND/OR ENTRANCE
TO DRAINAGE STRUCTURE.

1/2 SECTION
ACCEL. or DECEL. LANES
STA. 1246+40 - STA. 1249+90 (ACCEL)
STA. 1262+00 - STA. 1265+50 (DECEL)

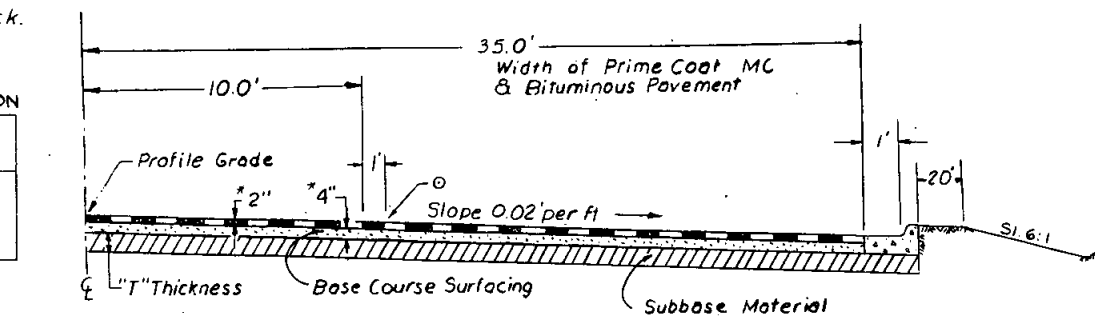
Fill Slopes

H	Slope
5' or less	4:1
Over 5'	3:1



* Approximate Thick.

THICKNESS OF SUBBASE	A	A ₁
12"	4.3'	1.1'



TYPICAL SECTION FOR AUTOMOBILE PARKING
46+55 to 47+50 Left Side
46+60 to 48+60 Right Side

APPROXIMATELY 6" COMPACTED THICKNESS OF
BITUMINOUS PAVEMENT AND BASE COURSE SURFACING
SHALL BE PLACED IN SEPARATE COURSES AT THE
FOLLOWING RATES PER 100 LIN. FT. OF ROADWAY:

BITUMINOUS PAVEMENT	35 TONS (BASED ON 110 LB. PER SQ. YD. PER INCH)
BASE COURSE (CL. 7)	6.6 TONS (BASED ON 133 LB. PER CU. FT.)

A SOIL CONDITIONER SHALL BE USED FOR ALL PLANTING ON THIS PROJECT.

THE ENGINEER WILL BE PERMITTED TO MAKE MINOR MODIFICATIONS IN THE
PLANNED LAYOUT IN ORDER TO TAKE ADVANTAGE OF ANY NATURAL
TERRAIN FEATURES OR TO OTHERWISE ENHANCE THE OVER-ALL APPEARANCE
OF THE REST AREA. NO ONE CHANGE OR COMBINATION OF CHANGES SHALL
EXCEED ONE PERCENT (1%) OF THE ORIGINAL TOTAL CONTRACT.

STRUCTURE BACKFILL FOR THIS PROJECT SHALL BE CLASS 3.

BOTTOM LAYER OF BITUMINOUS SURFACING SHALL BE COMPLETED FOR FULL
WIDTH BEFORE TOP LAYER OF BITUMINOUS SURFACING IS PLACED.

CORRUGATED STEEL PIPE SHALL BE OF THE GAGE AS DETERMINED FROM
FILL-GAGE TABLES SHOWN ON THE PLANS.

ALL ROADBEDS SHALL BE CONSTRUCTED WITH MOISTURE AND DENSITY
CONTROL INCLUDING BASES OF CUTS AND FILLS TO A DEPTH OF 6 INCHES.

GENERAL NOTES

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS
APPLICABLE TO THE PROJECT.

FOR PRELIMINARY PLAN QUANTITIES OF ASPHALTIC ROAD MATERIALS THE
FOLLOWING RATES OF APPLICATION WERE USED.

PRIME COAT (MC)	0.40 GALS. PER SQ. YD.
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RATE OF APPLICATION AND GRADE OF ASPHALTIC MATERIAL SHALL BE AS
DETERMINED BY THE ENGINEER AT TIME OF APPLICATION.

EARTH SLOPES SHALL BE DISCED OR ROUGHENED BY OTHER APPROVED
METHODS FOR MULCHING PROTECTION.

THIS PROJECT SHALL BE SEEDING AND FERTILIZED IN AREAS DESIGNATED BY
THE ENGINEER. FOR SEEDING THE FOLLOWING SHALL BE USED.

CRESTED WHEAT GRASS (FAIRWAY STRAIN)	10 LBS. PER ACRE
FERTILIZER - FREE NITROGEN	50 LBS. PER ACRE

SEEDING SHALL BE ACCOMPLISHED BY MEANS OF AN APPROVED MECHANICAL
POWER-DRAWN DRILL FOLLOWED BY PACKER WHEELS.

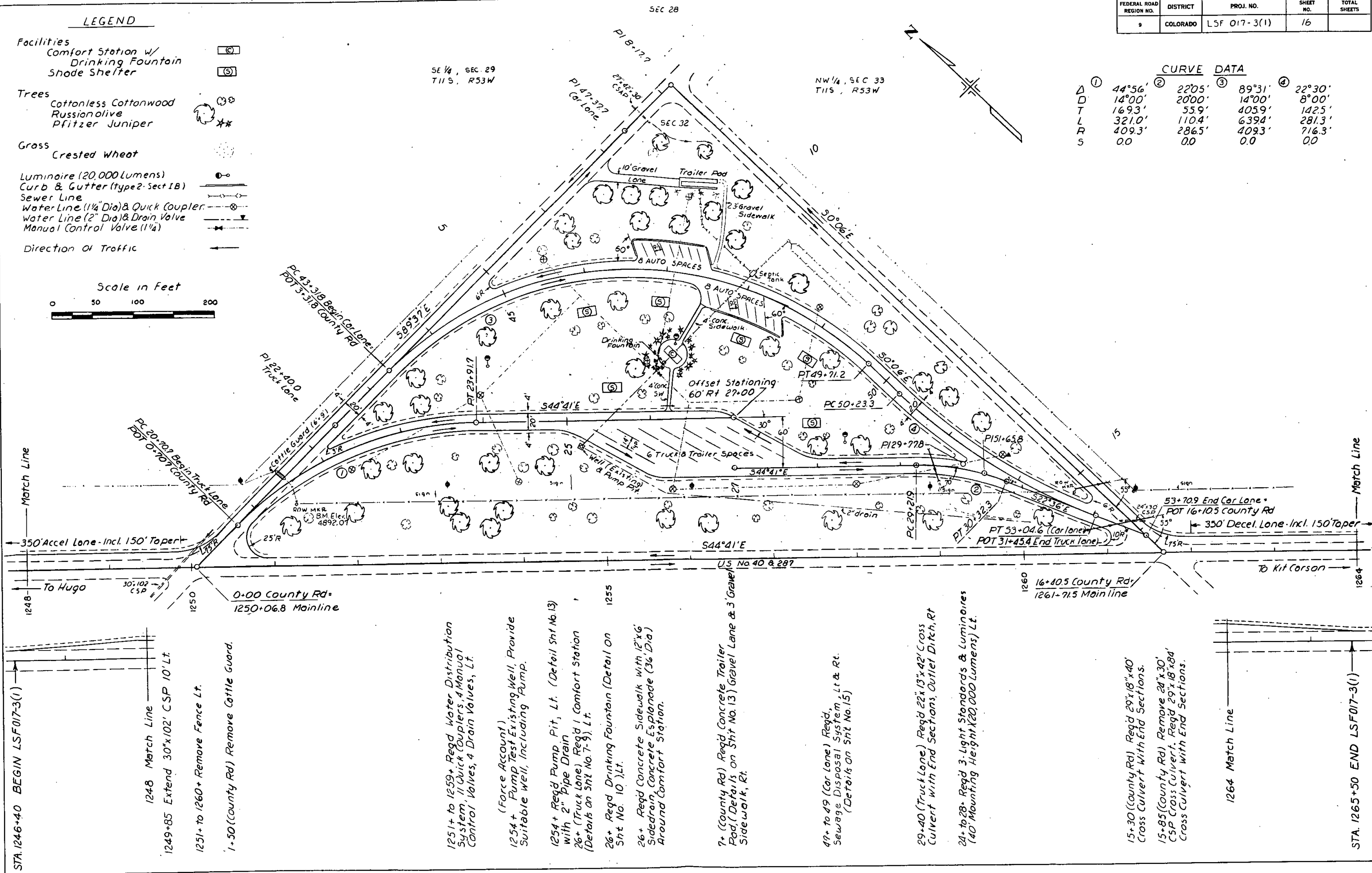
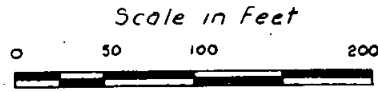
ALL CONCRETE FOR THIS PROJECT SHALL BE CLASS "A" UNLESS NOTED OTHERWISE.
CLASS "AX" CONCRETE MAY BE USED ON THIS PROJECT.
QUICK COUPLERS TO HAVE 3/4" MALE THREADS ON SWIVELS.

WHERE CONDUITS ARE TO BE PLACED IN EMBANKMENT FILL, THE CONDUIT WILL BE
PLACED AND BACKFILLED WHEN THE EMBANKMENT FILL HAS BEEN COMPLETED TO THE
FLOW LINE ELEVATION WITH NECESSARY CAMBER.

FEDERAL ROAD REGION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	LSF 017-3(1)	16	

LEGEND

- Facilities
Comfort Station w/
Drinking Fountain
Shade Shelter
- Trees
Cottonless Cottonwood
Russian olive
Pfitzer Juniper
- Gross
Crested Wheat
- Luminaire (20,000 Lumens)
Curb & Gutter (type 2- Sect 1B)
Sewer Line
Water Line (1 1/4" Dia) & Quick Coupler
Water Line (2" Dia) & Drain Valve
Manual Control Valve (1 1/4")
Direction of Traffic



	①	②	③	④
Δ	44°56'	22°05'	89°31'	22°30'
D	14°00'	20°00'	14°00'	8°00'
T	169.3'	55.9'	405.9'	142.5'
L	321.0'	110.4'	639.4'	281.3'
R	409.3'	286.5'	409.3'	716.3'
S	0.0	0.0	0.0	0.0

STA 1246+40 BEGIN LSF017-3(1)

1248 Match Line

1249+85 Extend 30"x102" CSP 10' Lt.

1251+ to 1260+ Remove Fence Lt.

1+50 (County Rd) Remove Cattle Guard.

1251+ to 1259+ Regd Water Distribution System, 11 Quick Couplers, 4 Manual Control Valves, 4 Drain Valves, Lt.

(Force Account)

1254+ Pump Test Existing Well, Provide Suitable well, including Pump.

1254+ Regd Pump Pit, Lt. (Detail Sht No. 13) with 2" Pipe Drain

26+ (Truck Lane) Regd 1 Comfort Station (Details on Sht No. 7-9) Lt.

26+ Regd Drinking Fountain (Detail on Sht No. 10) Lt.

26+ Regd Concrete Sidewalk with 12"x6" Sidedrain, Concrete Esplanade (36" Dia) Around Comfort Station.

7+ (County Rd) Regd Concrete Trailer Pod, (Details on Sht No. 13) Gravel Lane & 3' Gravel Sidewalk, Rt.

49+ to 49 (Car Lane) Regd, Sewage Disposal System, Lt & Rt. (Details on Sht No. 15)

29+40 (Truck Lane) Regd 22"x13"x42" Cross Culvert with End Sections, Outlet Ditch, Rt

24+ to 28+ Regd 3-Light Standards & Luminaires (40 Mounting Height x 20,000 Lumens) Lt.

15+30 (County Rd) Regd 29"x18"x40" Cross Culvert with End Sections.

15+85 (County Rd) Remove 24"x30" CSP Cross Culvert, Regd 29"x18"x84" Cross Culvert with End Sections.

1264 Match Line

STA 1265+50 END LSF017-3(1)