

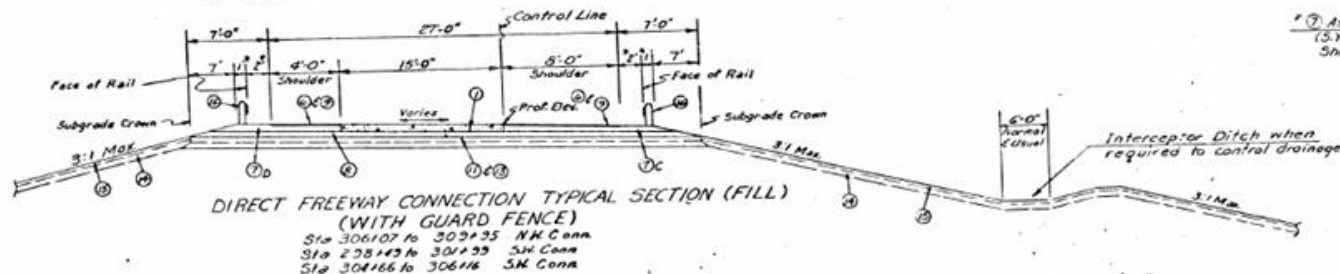
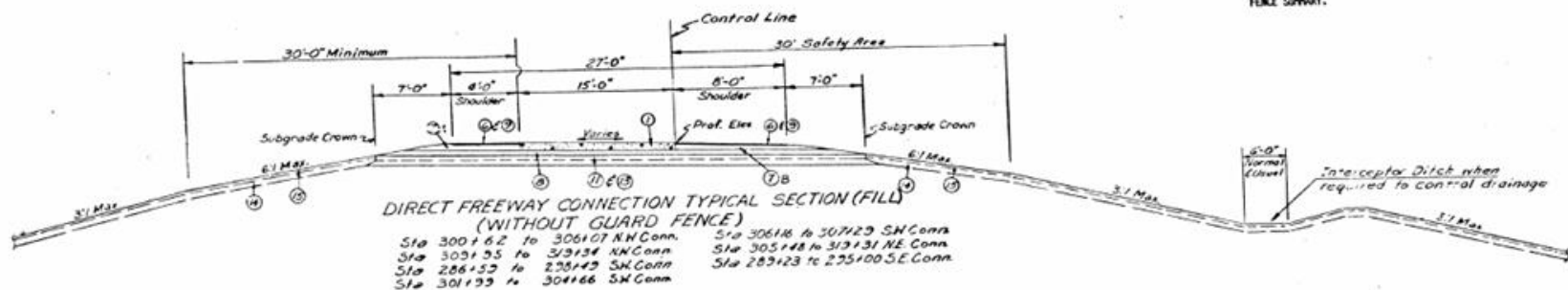
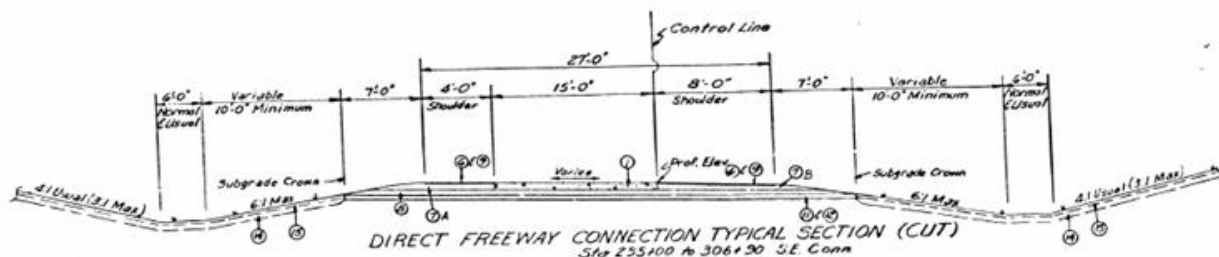
IH 45 in Dallas District

- Completed in 1975
- 8-in CRCP Slab
- 6-in soil cement base
- 6-in lime treated subgrade with 4 % lime

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

LEGEND

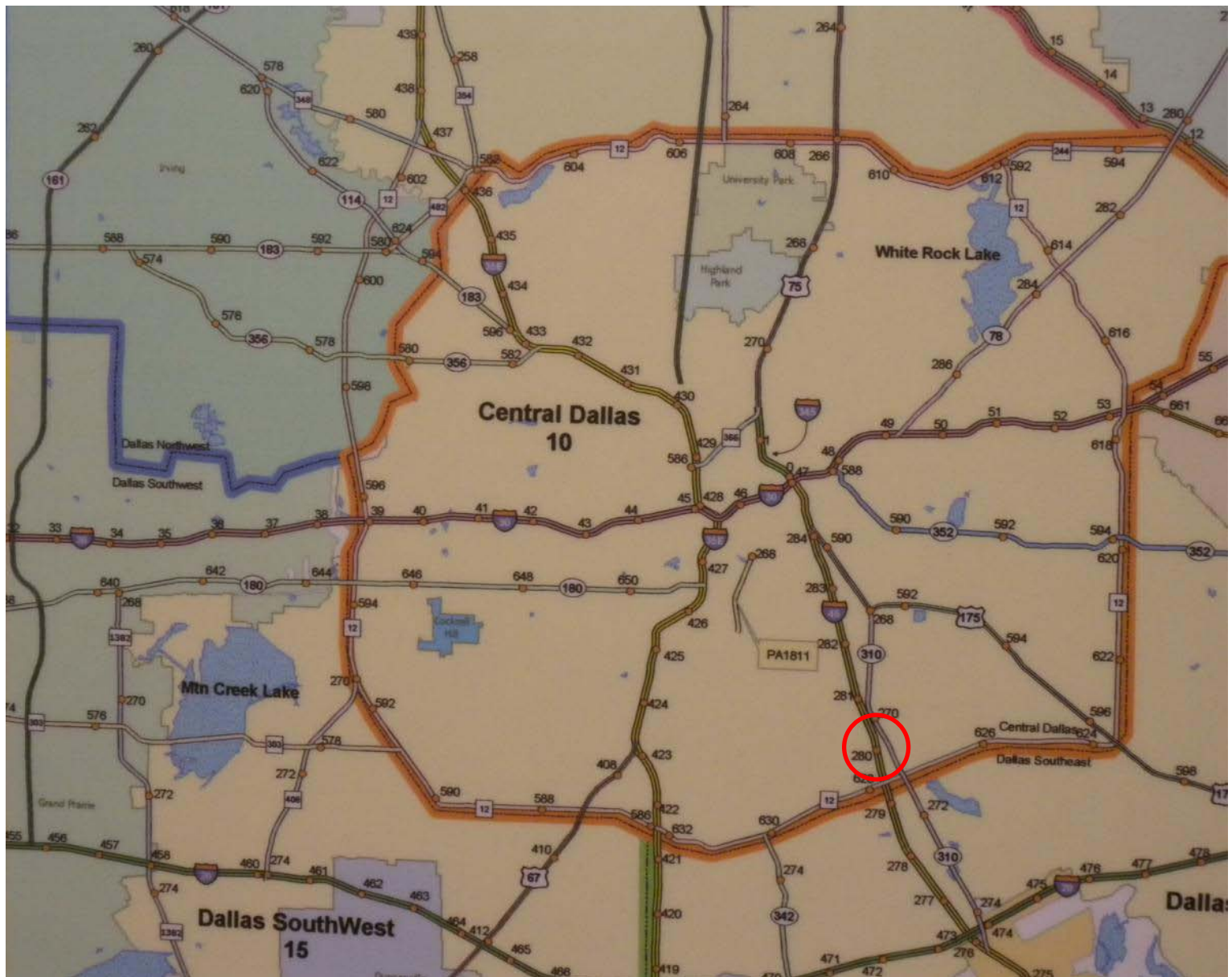
1. 8" CONTINUOUS REINFORCED CONCRETE PAVEMENT (CRCP)
 2. 8" CONCRETE PAVEMENT CONTRACTION DESIGN (CPCD)
 3. 10" UNIFORM CONCRETE PAVEMENT (CPCD)
 4. 12SAY.S.Y. ASPHALTIC CONCRETE PAVEMENT
 5. ASPHALT STABILIZED BASE
 6. APPROX. 6" SOIL CEMENT BASE (PLANT MIX)
 7. TACK COAT
 8. APPROX. 6" SUBGRADE STABILIZED WITH NE LIME
 9. APPROX. 6" UNDERCUT IN ROCK CUTS BACKFILLED WITH SELECT MATERIAL
 10. APPROX. 12" SELECT MATERIAL
 11. APPROX. 6" TOPSOIL
 12. APPROX. 3" (COMPACTED) MULCH SOO. BROCS. SEEDING AND FERTILIZER
 13. GALVANIZED STEEL BEAR GR. FENCE (CL. B) WHERE REQUIRED*
 14. 3/4" EXPANSION JOINT MATERIAL
 15. EXISTING CONCRETE PAVEMENT
 16. JIGGLE BARS
 17. BRIDGE COLUMN
 18. RIPRAP
 19. TRAFFIC BUTTON
 20. TYPE I CURB (5")
 21. TYPE II CURB (5")
 22. 6" PIPE UNDERDRAIN
 23. 5" DOWNELLED CONCRETE MEDIAN (CL. B CONC.)
 24. TYPE II CURB (4")
- *REQUIRED WHERE SLOPE OF EMBANKMENT IS GREATER THAN 6:1 WITHIN THIRTY FEET OF THE OUTSIDE FREEWAY LANE LINE AND AS SHOWN ON GALVANIZED STEEL BEAR GUARD FENCE SUMMARY.



* Asphalt Stabilized Base Shoulders (S.Y.'s for A.S. Note are based on Shoulder widths indicated below.)

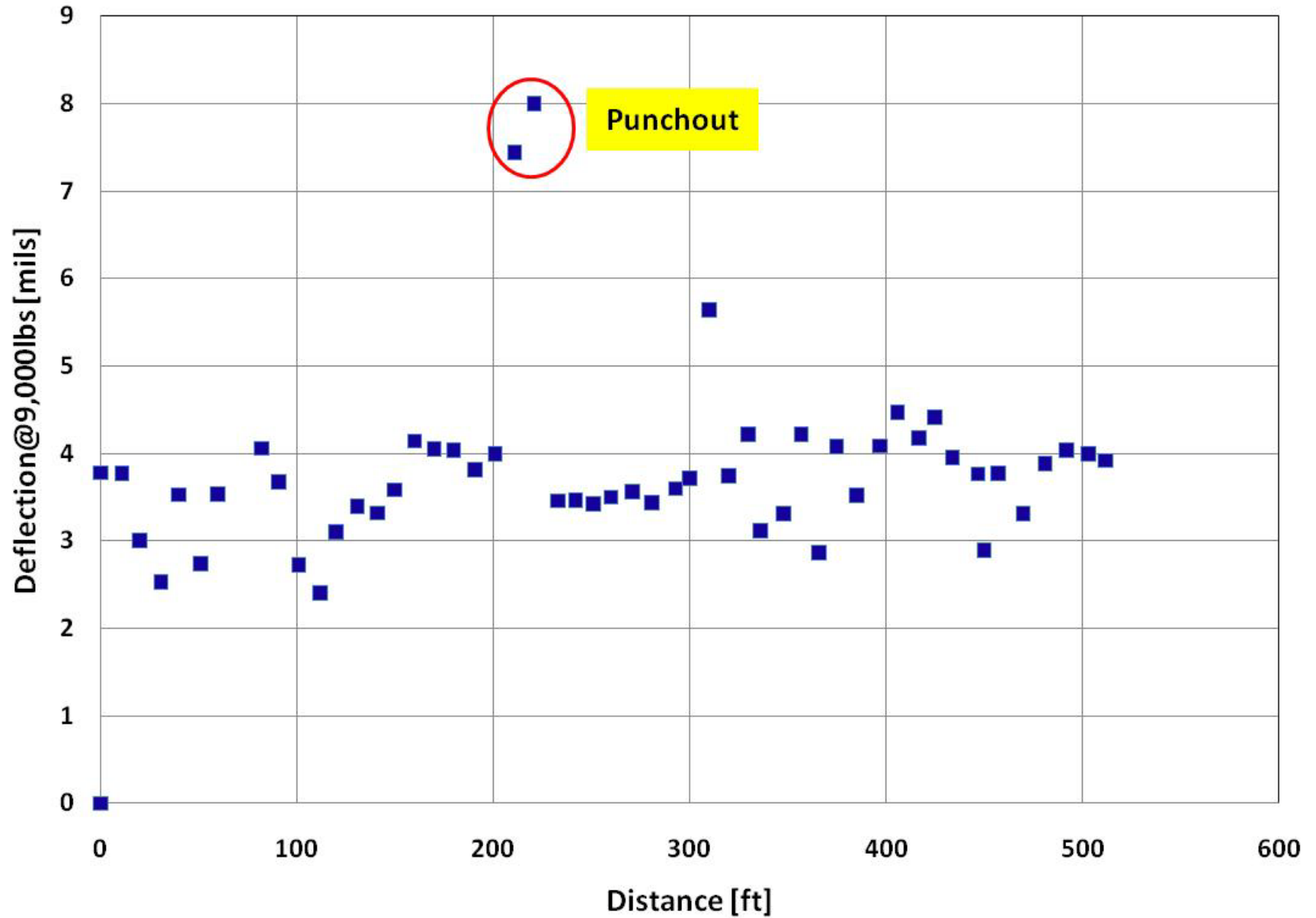
7A	1133' / S.Y. @ 4'
7B	951' / S.Y. @ 8'
7C	900' / S.Y. @ 11'
7D	1012' / S.Y. @ 6"
7E	844' / S.Y. @ 8'
7F	971' / S.Y. @ 6"
7G	856' / S.Y. @ 6"
7H	755' / S.Y. @ 9"
7I	633' / S.Y. @ 12"
7J	1097' / S.Y. @ 10"
7K	990' / S.Y. @ 8"
7L	1220' / S.Y. @ 6"

TYPICAL SECTIONS
SHEET 1 OF 5 SHEETS

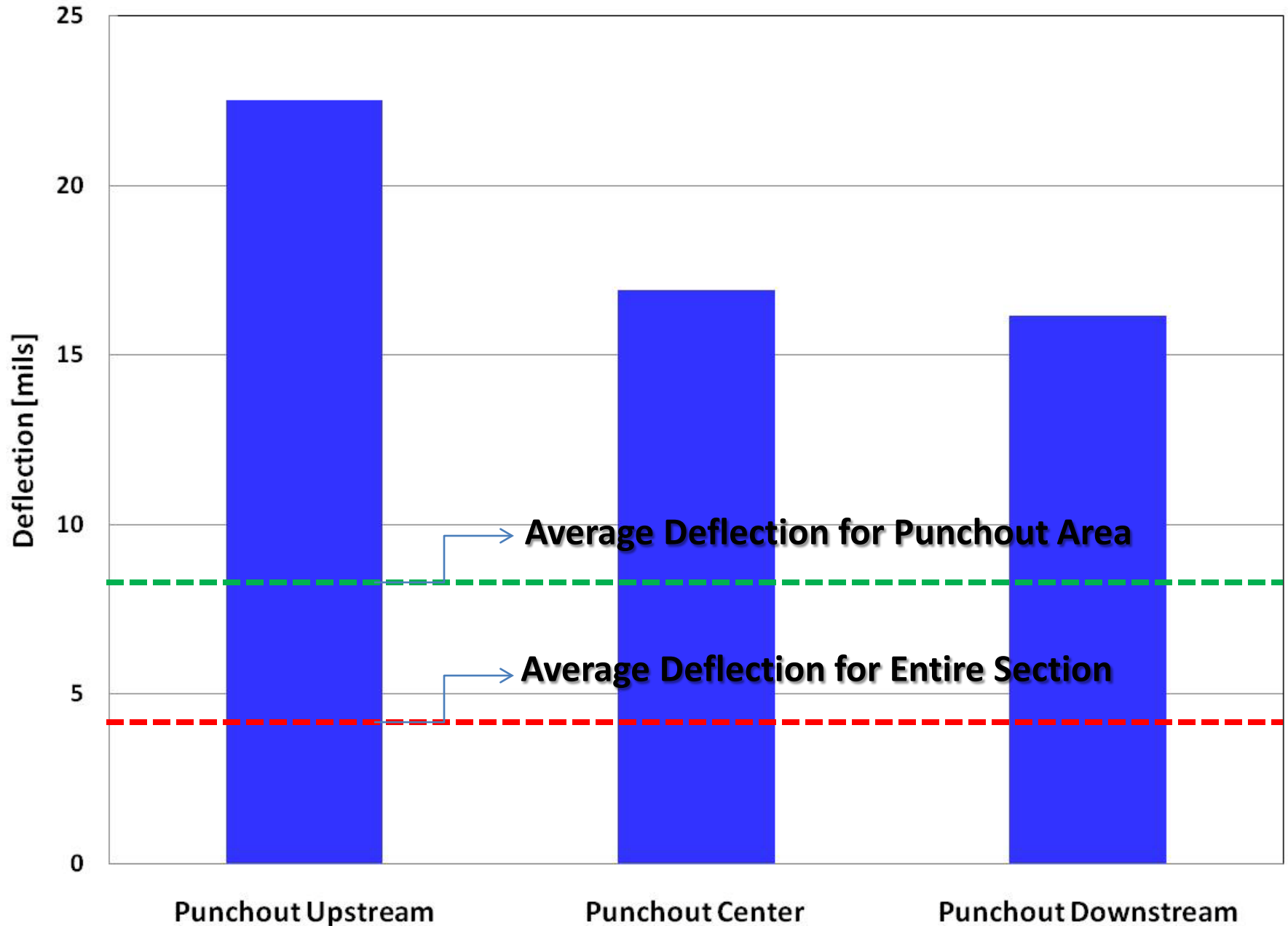


FWD

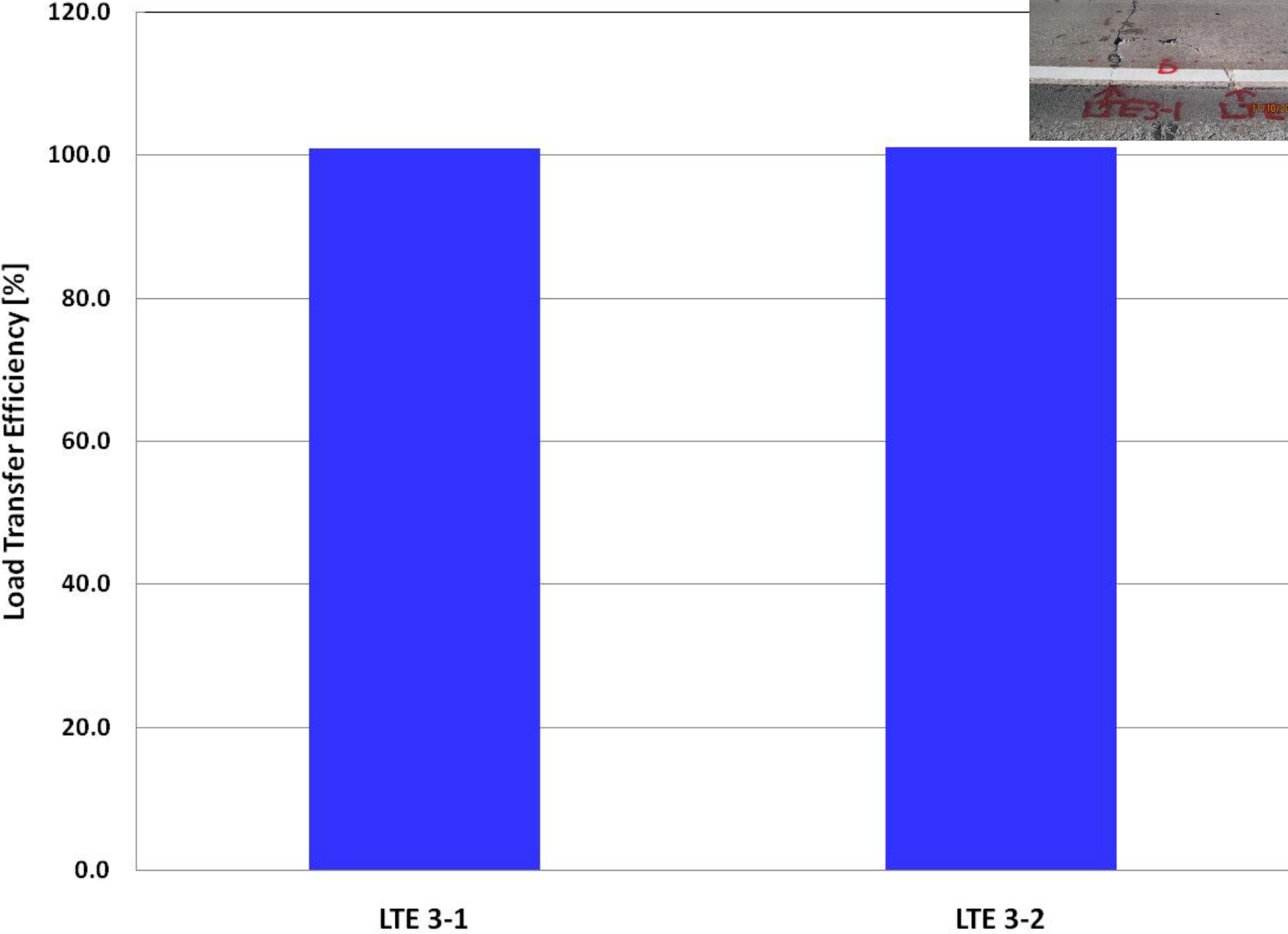
IH0045 (DAL), 8in/1975



Deflection at Punchout



LTE at Punchout





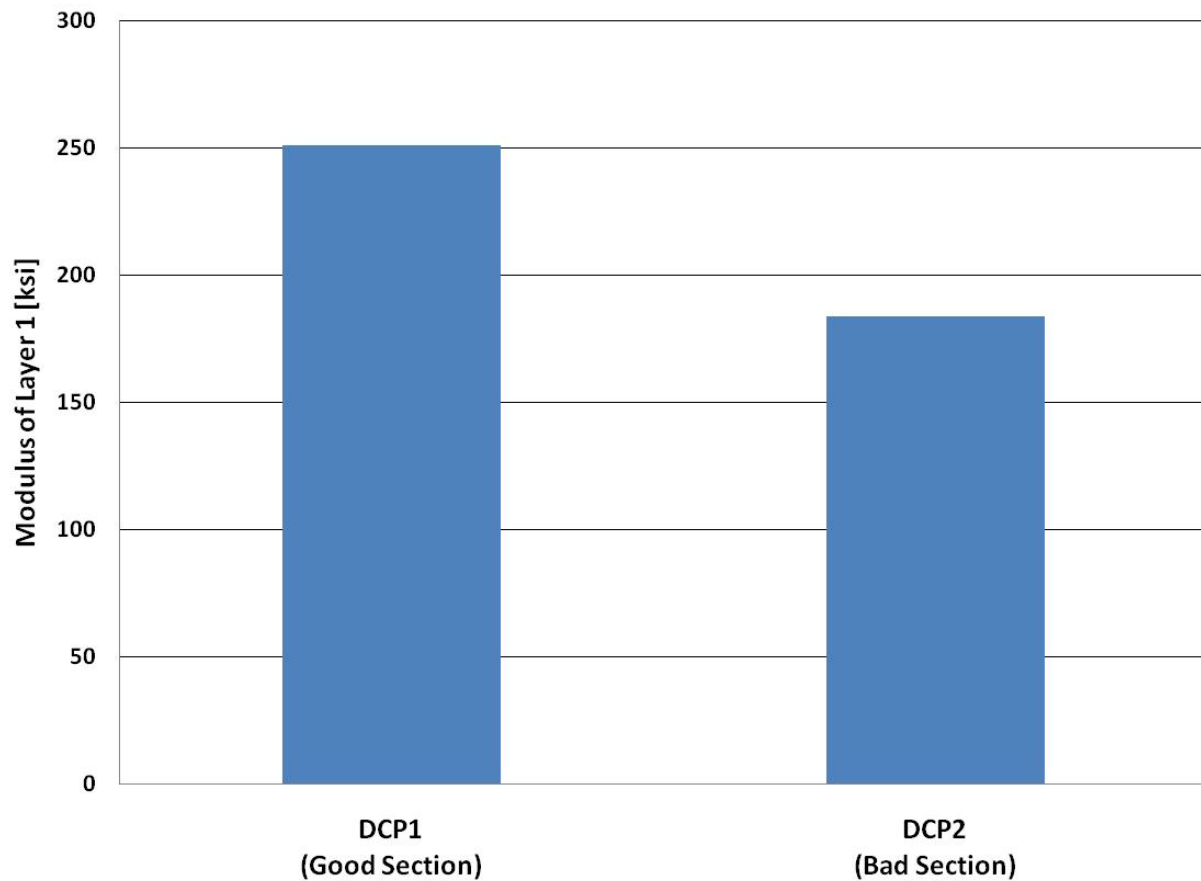
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11/10/2010 12:10

DCP

Location	Layer	mm/blow	CBR	Modulus (ksi)
DCP1 (Good Section)	1	0.26	1302.15	251.14
	2	0.07	5890.06	659.81
DCP2 (Bad Section)	1	0.41	800.05	183.88
	2	2.25	117.80	53.96



Good



Bad(punchout section)

