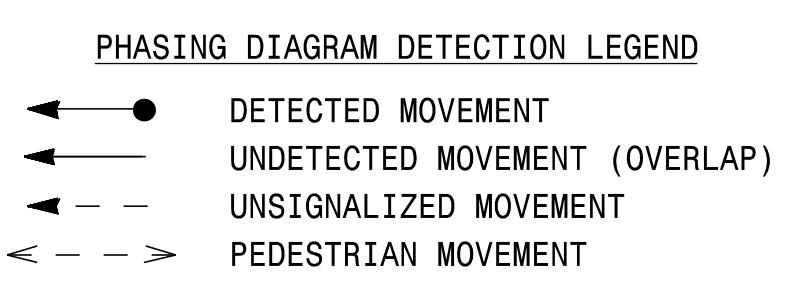
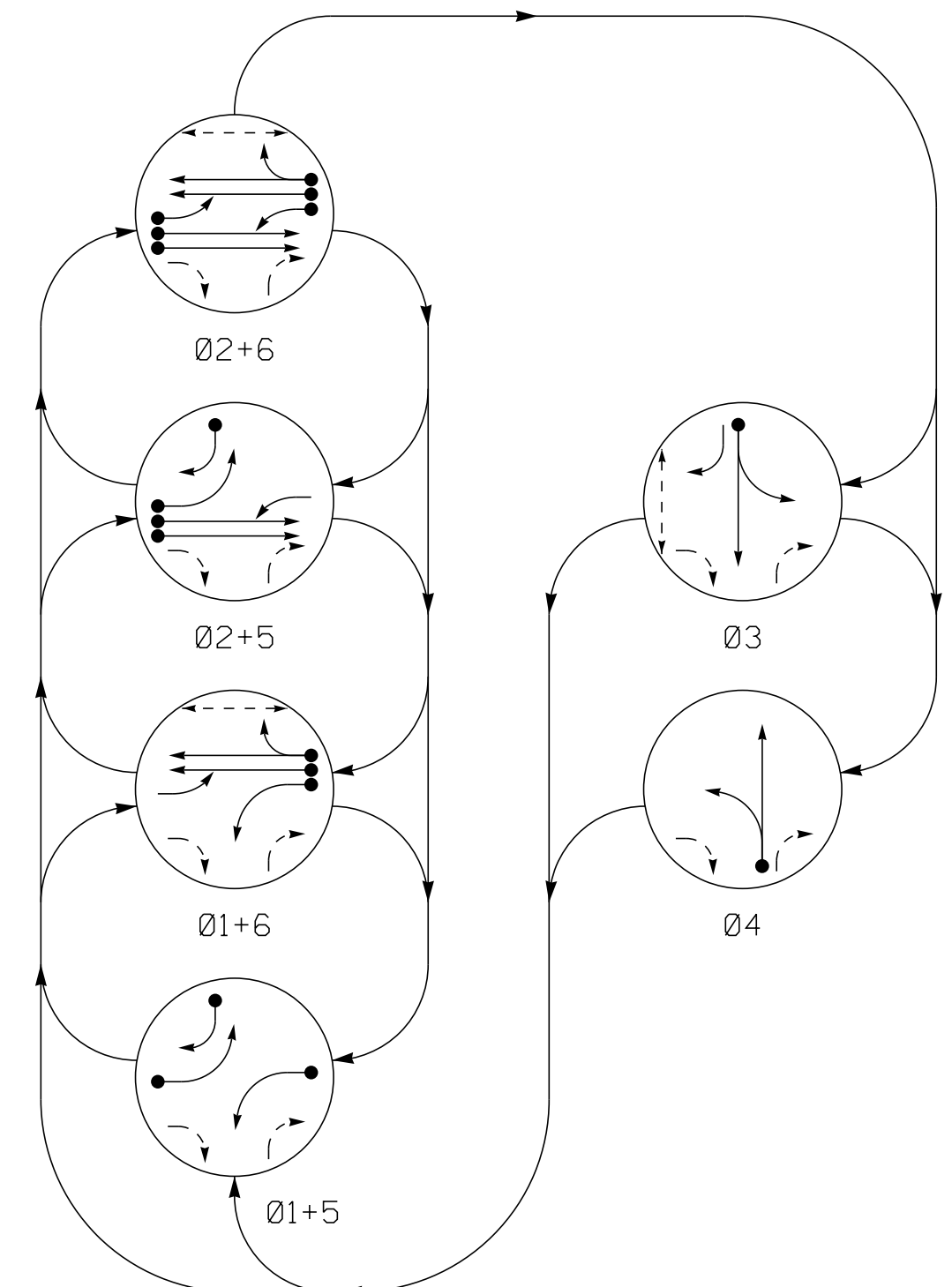


PHASING DIAGRAM



SIGNAL FACE I.D.

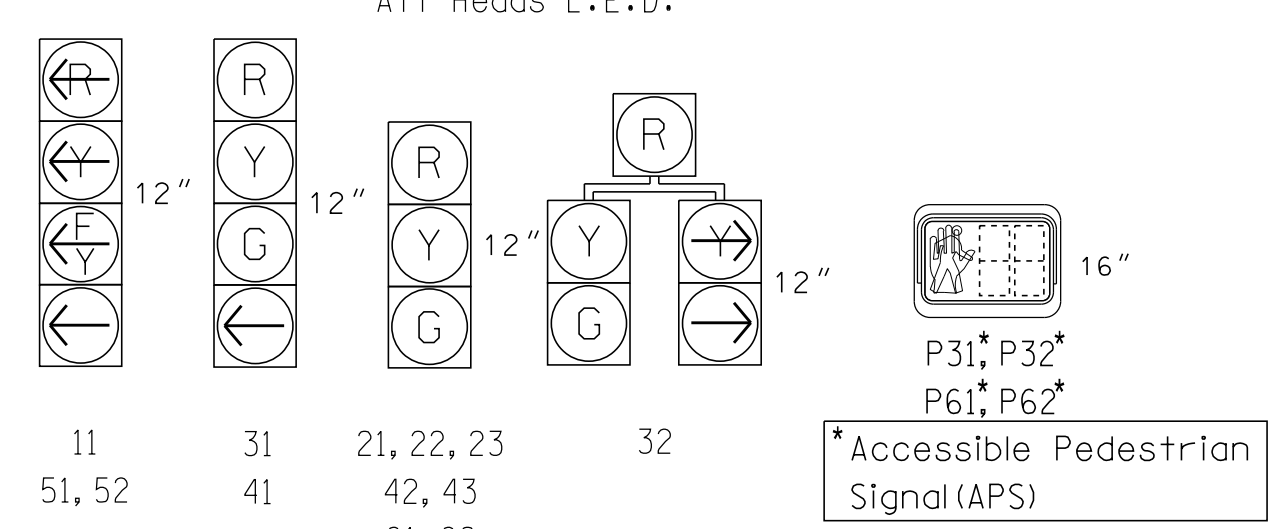


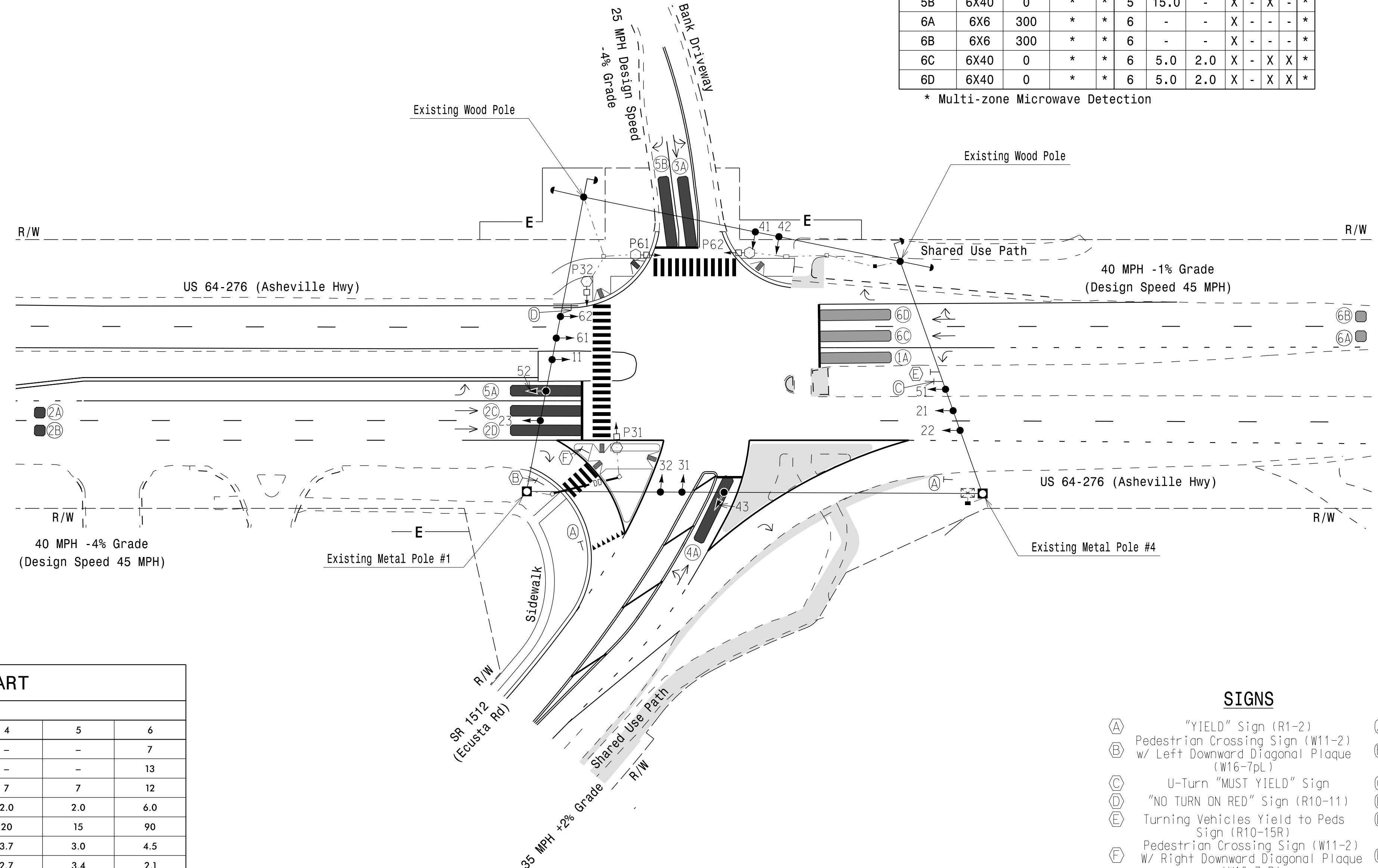
TABLE OF OPERATION
SIGNAL FACE | PHASE | 01+5 | 01+6 | 02+5 | 02+6 | 03 | 04 | F

MAXTIME DETECTOR INSTALLATION CHART
DETECTOR | PROGRAMMING
LOOP | SIZE (FT) | DISTANCE FROM STOPBAR (FT) | TURNS | NEW LOOP | CALL PHASE | DELAY TIME | EXTEND TIME | EXTEND | ADDED INITIAL | CALL | DELAY DURING GREEN | NEW CARD

6 Phase Fully Actuated (Time Based Coordination)

NOTES

- 1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018 and "Standard Specifications for Roads and Structures" dated January 2018.
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 1 or phase 5 may be lagged.
4. The order of phase 3 and phase 4 may be reversed.
5. Reposition existing signal heads # 21, 22, 23, 41, 42, 43, 51, and 52.
6. Set all detector units to presence mode.
7. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
8. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
9. This intersection uses multi-zone microwave detection. Install detectors according to the manufacturer's instructions to achieve the desired detection.
10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
11. Portions of detector zones 4A and 5A not shown for clarity.
12. See pavement marking plans for proposed stop bar locations.
13. Pedestrian push buttons P31, P32, P61 and P62 shall be Vibro-Tactile.
14. All APS shall use "Rapid Tick" sound.



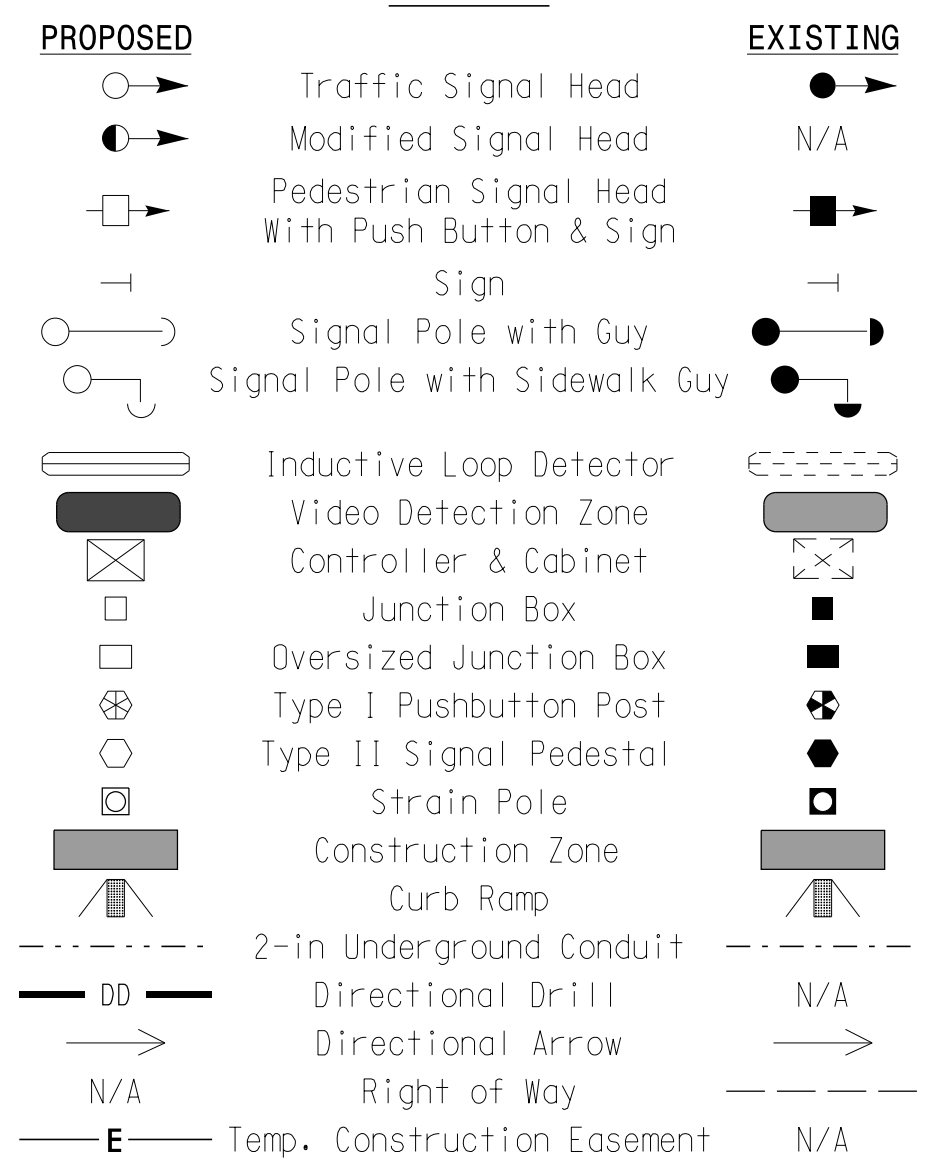
MAXTIME TIMING CHART

MAXTIME TIMING CHART
FEATURE | PHASE | 1 | 2 | 3 | 4 | 5 | 6

ACCESSIBLE PEDESTRIAN SIGNAL OPERATION

ACCESSIBLE PEDESTRIAN SIGNAL OPERATION
SIGNAL FACE | VOICE | TONES | INTERVAL | SPEECH MESSAGE

LEGEND



SIGNS

- (A) "YIELD" Sign (R1-2)
(B) Pedestrian Crossing Sign (W11-2) w/ Left Downward Diagonal Plaque (W16-TpL)
(C) U-Turn "MUST YIELD" Sign
(D) "NO TURN ON RED" Sign (R10-11)
(E) Turning Vehicles Yield to Peds Sign (R10-15R)
(F) Pedestrian Crossing Sign (W11-2) w/ Right Downward Diagonal Plaque (W16-TpR)

Temporary Signal 2 - TCP Phase II Step 2

Project information block including logos for RS&H and Transylvania County, project name (US 64-276 at SR 1512), date (May 2023), and seal information.

5/4/2023 8:47:01 AM R:\PROJECTS\GIS\Drawings\Signal\Sheet\5799\_Sig\_Plan\_3-0\_14079872.dgn 10:57:05 AM

\* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.