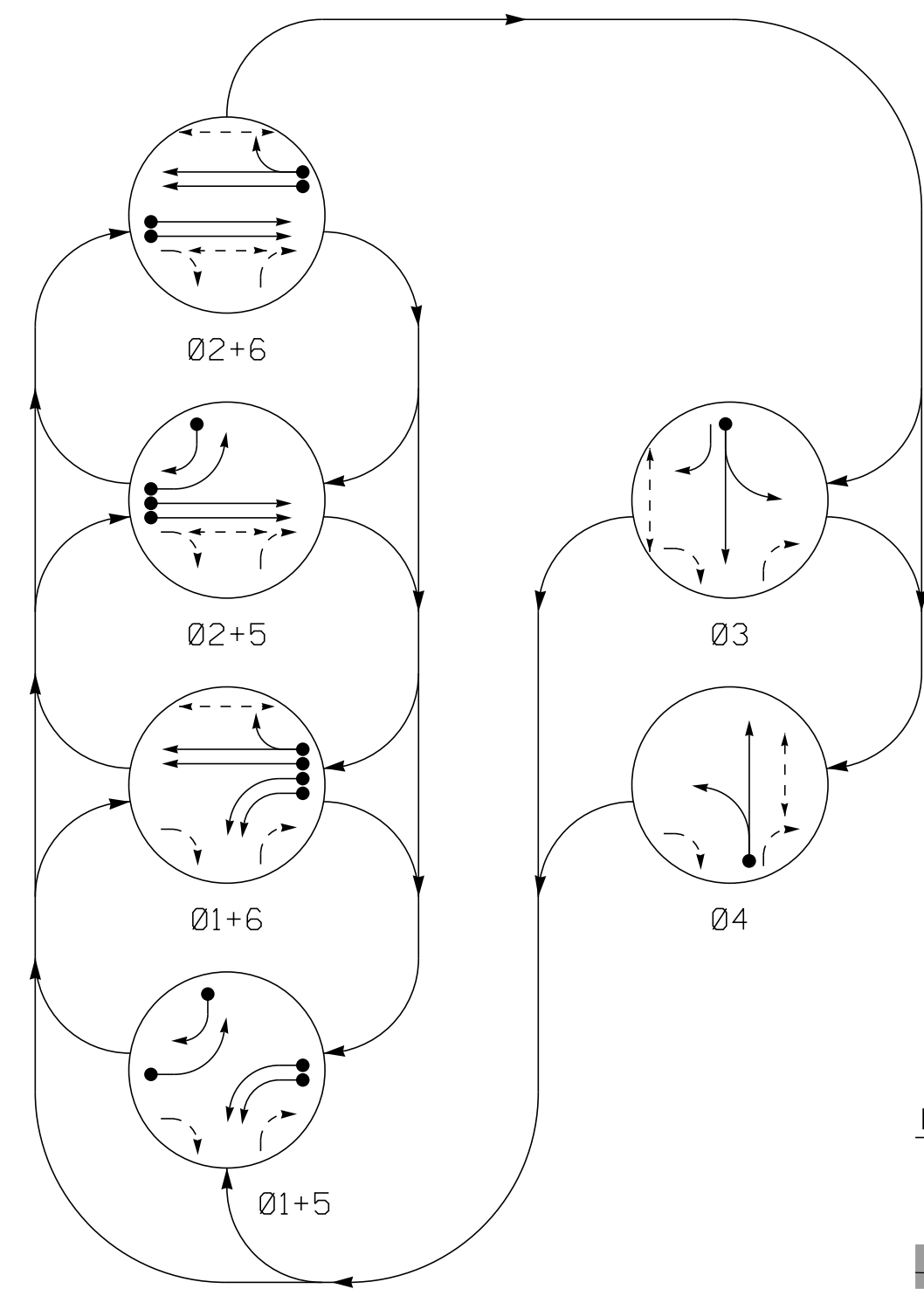


PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT (arrow with circle)
UNDETECTED MOVEMENT (OVERLAP) (arrow with shaded circle)
UNSIGNALED MOVEMENT (dashed arrow)
PEDESTRIAN MOVEMENT (arrow with triangle)

SIGNAL FACE I.D.

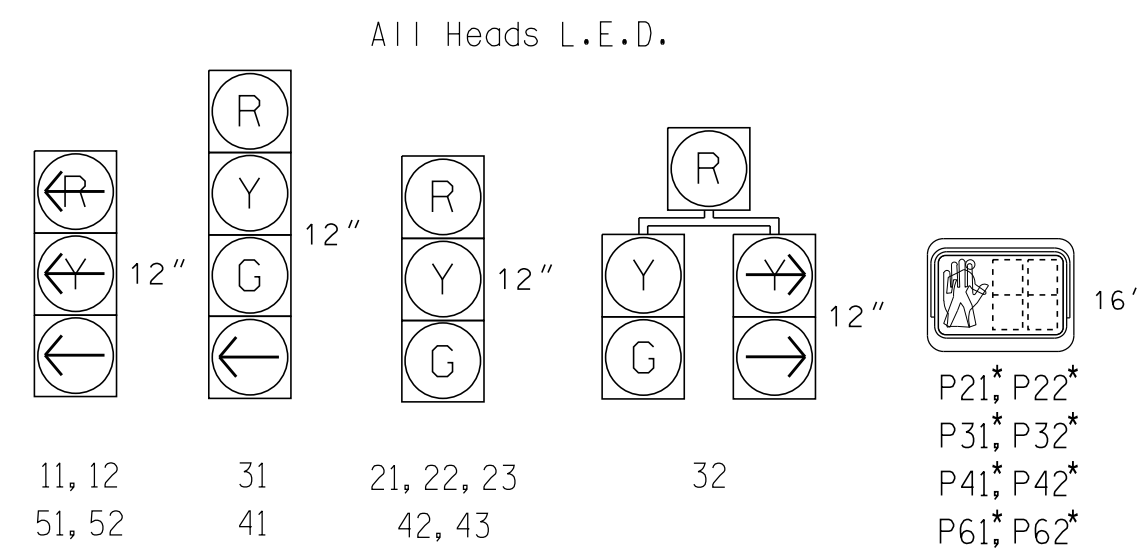


TABLE OF OPERATION

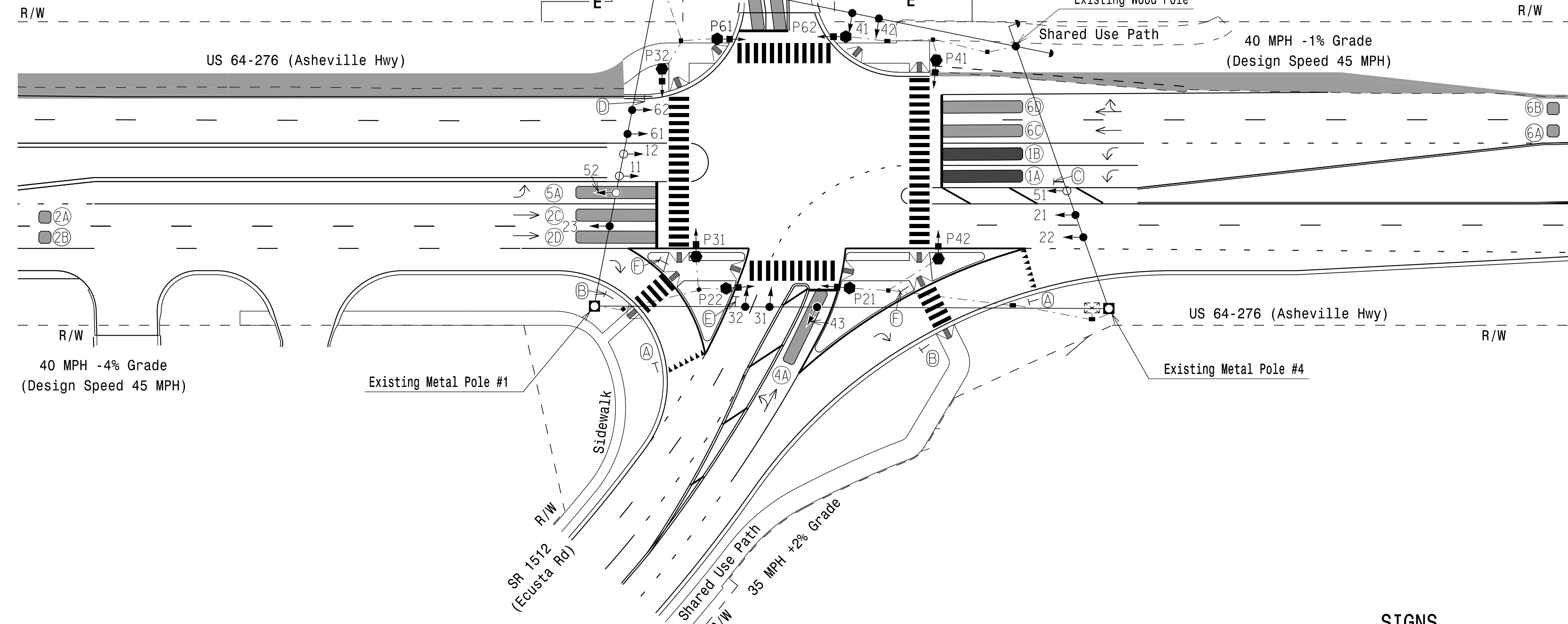
Table with columns for SIGNAL FACE and PHASE (01+5, 02+5, 02+6, 03, 04, P, F). It lists the sequence of lights (R, Y, G) for each phase.

MAXTIME DETECTOR INSTALLATION CHART. Table with columns: LOOP, SIZE (FT), DISTANCE FROM STOPBAR (FT), TURNS, NEW LOOP, CALL PHASE, DELAY TIME, EXTEND TIME, EXTEND INITIAL, 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...
2. Do not program signal for late night flashing operation...
3. Phase 1 or phase 5 may be lagged.
4. The order of phase 3 and phase 4 may be reversed.
5. Set all detector units to presence mode.
6. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
7. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
8. This intersection uses multi-zone microwave detection.
9. Maximum times shown in timing chart are for free-run operation only.
10. Portions of detector zones 4A and 5A not shown for clarity.
11. See pavement marking plans for proposed stop bar locations.
12. All pedestrian push buttons shall be Vibro-Tactile.
13. All APS shall use "Rapid Tick" sound.



LEGEND

- PROPOSED: Traffic Signal Head, Modified Signal Head, Pedestrian Signal Head, Sign, Signal Pole with Guy, Signal Pole with Sidewalk Guy, Inductive Loop Detector, Video Detection Zone, Controller & Cabinet, Junction Box, Oversized Junction Box, Type I Pushbutton Post, Type II Signal Pedestal, Strain Pole, Construction Zone, Curb Ramp, 2-in Underground Conduit, Directional Drill, Directional Arrow, Right of Way, Temp. Construction Easement.
EXISTING: N/A, Signal Pole with Sidewalk Guy, Construction Zone, Curb Ramp, Directional Arrow, Right of Way, N/A.

MAXTIME TIMING CHART

Timing chart table with columns for FEATURE and PHASE (1-6). Features include Walk, Ped Clear, Min Green, Passage, Max I, Yellow Change, Red Clear, Added Initial, Maximum Initial, Time Before Reduction, Time To Reduce, Minimum Gap, Advance Walk, Non Lock Detector, Vehicle Recall, and Dual Entry.

ACCESSIBLE PEDESTRIAN SIGNAL OPERATION

Table detailing accessible pedestrian signal operations for signal faces P21, P22, P31, P32, P41, P42, P61, and P62. Columns include SIGNAL FACE, VOICE, TONES, INTERVAL, and SPEECH MESSAGE.

SIGNS

- PROPOSED: (A) YIELD Sign, (B) Pedestrian Cross Sign, (C) U-Turn MUST YIELD Sign, (D) NO TURN ON RED Sign, (E) Turning Vehicles Yield to Peds Sign, (F) Pedestrian Crossing Sign.
EXISTING: (A) YIELD Sign, (B) Pedestrian Cross Sign, (C) U-Turn MUST YIELD Sign, (D) NO TURN ON RED Sign, (E) Turning Vehicles Yield to Peds Sign, (F) Pedestrian Crossing Sign.

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Document title block for 'Temporary Signal 4 - TCP Phase V' at US 64-276 (Asheville Highway) at SR 1512 (Ecusta Road) / Bank Driveway. Includes logos for RS&H and North Carolina Professional Engineer, along with a seal and signature of Steven G. Haynie.